# Appendix A

Initial Study, Notice of Preparation, and Scoping Comments

# NOTICE OF PREPARATION
# of a Draft Environmental Impact Report and
# Notice of Public Scoping Meeting

**Project:** Palisade Santee Commerce Center

**Project Case Files:** Environmental Impact Report AEIS2023-3; Conditional Use Permit P2023-1; Development Review Permit DR2023-2

**Project Proponent:** North Palisade Opco, LLC

**Project Location:** 10990 N. Woodside Avenue, Santee CA (APN 381-070-52)

**Environmental Impact Report:** The City of Santee (City) is preparing an Environmental Impact Report (EIR) for the Palisade Santee Commerce Center (proposed project) located on a 13.5-acre site in the Light Industrial (IL) zone. The City will be the lead agency under the California Environmental Quality Act (CEQA) for the project. This Notice of Preparation (NOP) describes the Palisade Santee Commerce Center that will be analyzed in the EIR and identifies areas of probable environmental effects of the proposed project.

As specified in the CEQA Guidelines, the NOP will be circulated for a 30-day scoping period. Agencies, organizations, and interested members of the public are invited to provide input on the scope of the environmental analysis. If you are a responsible or trustee agency, the views of your agency are requested as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. In the event that no response or well justified request for additional time is received by any responsible agency or trustee agency by the end of the review period, we presume that these agencies have no response. Comments may be submitted in writing during the review period and addressed to:

Michael Coyne, Principal Planner
Planning & Building Department
10601 Magnolia Avenue
Santee, CA 92071
mcoyne@cityofsanteeca.gov
(619) 258-4100 ext. 160

The NOP comment period begins on **September 8, 2023,** and closes at **5:00 p.m. on October 9, 2023**. All comments concerning the scope of the EIR must be submitted in writing to Michael Coyne, Principal Planner, prior to the close of the public comment period as noted above. Please indicate a contact person in your comment. The City will consider all written comments received during the noticed public scoping period in the preparation of the EIR.

**Public Scoping Meeting:** The City will hold a scoping meeting to provide an opportunity for agency staff and interested members of the public to submit comments, either written or verbal, on the scope of the environmental issues to be addressed in the EIR. The public scoping meeting will be held on September 26, 2023 at City Hall, 10601 Magnolia Avenue, Santee, CA 92071 in the Council Chambers, from 5:30 PM to 7:00 PM. All parties are welcome to attend and are encouraged to recommend environmental issues, mitigation measures, and alternatives to the project that they believe should be addressed in the Draft EIR.

**Proposed Project Location and Adjacent Land Uses**: The Palisade Santee Commerce Center project site consists of approximately 13.5 acres of land located in the southwestern portion of the City of Santee (City) in eastern San Diego County. The project site is located at 10990 N. Woodside Avenue and is bound by the San Diego River to the north; industrial buildings to the east and west; and by industrial buildings, Wheatlands Avenue, and California State Route (SR) 67 to the south. Regional access to the project site is provided via SR 67 located approximately 0.1 mile south of the project site and local access to the site is provided via N. Woodside Avenue.

**Project Description:** The project site is currently developed with a two-screen, drive-in theatre and a building containing restrooms, concession facilities, and a projection house, which collectively are in the process of ceasing operations. The project consists of redevelopment of the project site as a commerce center with an approximately 300,145 square foot (gross area, inclusive of mezzanines and 10,000 sf of office space) one-story industrial building. The building would be up to 50 feet in height and would accommodate warehousing and distribution, manufacturing, assembly, and/or research and development operations, and related office uses. In addition to the industrial building, the project would include up to 42 dock-high doors, four grade-level doors, two truck courts, and up to 301 passenger-vehicle parking spaces, 30- and 40-foot-wide fire access lanes along the building perimeter, landscaping, and fencing along portions of the developed perimeter with automated gates at certain driveway locations. The project would also include associated utility, stormwater treatment, and roadway improvements. The project is consistent with the site's existing land use designation (IL-Light Industrial) and zoning (Light Industrial-IL).

**Requested Entitlements**: The proposed project requires a Development Review Permit. A Conditional Use Permit (CUP) is being requested to increase the allowable building height from 40 feet to 50 feet.

**Project Alternatives:** The Draft EIR will evaluate a reasonable range of project alternatives, including the required No Project Alternative.

**Potential Environmental Effect Areas:** The Draft EIR will describe the reasonably foreseeable and potentially significant adverse effects of the proposed project (both direct and indirect). The Draft EIR will also evaluate the cumulative impacts of the project when considered in conjunction with other related past, present, and reasonably foreseeable

future projects. The EIR will evaluate, at a minimum, the following environmental topic areas and mitigation measures would be identified as necessary to reduce potentially significant effects:

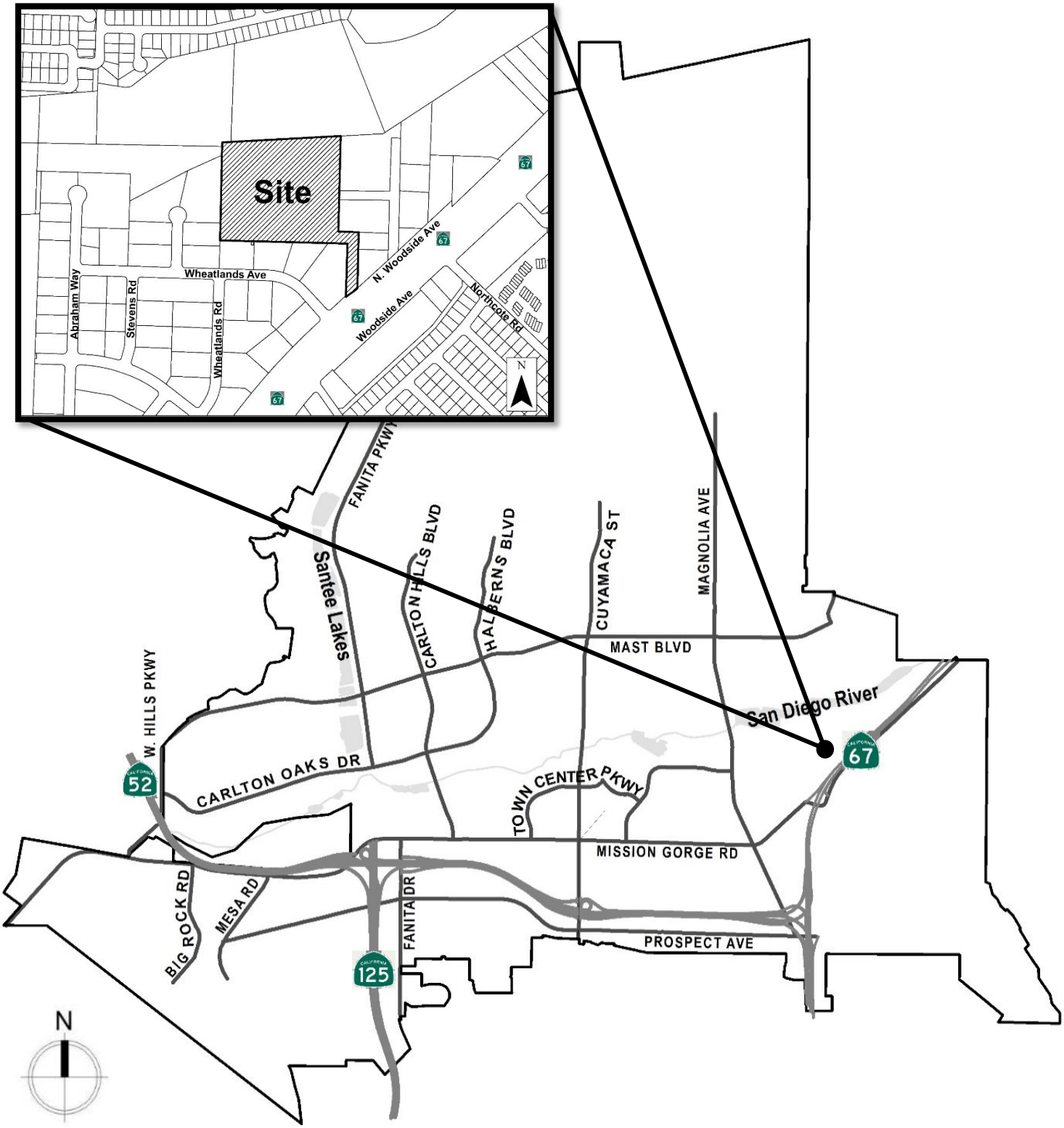
- Aesthetics/Visual
- Air Quality
- Biological Resources
- Cultural, Tribal Cultural and Paleontological Resources
- Energy
- Greenhouse Gas Emissions
- Growth Inducement
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Public Services
- Transportation
- Utilities and Service Systems
- Wildfire

Based on the existing conditions present at the proposed project site and a review of the proposed project, it has been determined that effects related to Agriculture and Forestry Resources, Geology and Soils, Mineral Resources, Population and Housing, and Recreation would not be significant. Therefore, these issues would be summarized in the *Effects Found Not to Be Significant* section of the EIR.

As environmental documentation for this project is completed, it will be available for review at the City's Planning & Building Department located in Building 4 at Santee City Hall, 10601 Magnolia Avenue, Santee CA 92071, and online at:

https://www.cityofsanteeca.gov/services/project-environmental-review

# Site Location Map



# NOTICE OF PREPARATION

| | | | |
|---|---|---|---|
| TO: | State Clearinghouse<br>P.O. Box 3044<br>Sacramento, CA 95812-3044 | FROM: | City of Santee<br>10601 Magnolia Avenue<br>Santee, CA 92071 |

## SUBJECT: Notice of Preparation of a Draft Environmental Impact Report

The City of Santee will be the Lead Agency and will prepare an environmental impact report for the project identified below. We need to know the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR prepared by our agency when considering your permit or other approval for the project.

The Project description, location, and the potential environmental effects are contained in the attached materials.

| | |
|---|---|
| ☐ | A copy of the Initial Study IS attached. |
| ☒ | A copy of the Initial Study IS NOT attached. |
| ☒ | The proposed project IS considered a project of statewide, regional or areawide significance. |
| ☐ | The proposed project IS NOT considered a project of statewide, regional or areawide significance. |
| ☐ | The proposed project WILL affect highways or other facilities under the jurisdiction of the State Department of Transportation. |
| ☒ | The proposed project WILL NOT affect highways or other facilities under the jurisdiction of the State Department of Transportation. |
| ☒ | A scoping meeting WILL be held by the Lead Agency. |
| ☐ | A scoping meeting WILL NOT be held by the Lead Agency. |

If the project meets the criteria requiring the scoping meeting, or if the agency voluntarily elects to hold such a meeting, the date, time and location of the scoping meeting are as follows:

| | | |
|---|---|---|
| Date: 09/26/2023 | Time: 5:30pm-7:00pm | Location: Santee City Hall Council Chambers, 10601 Magnolia Ave. Santee, CA 92071 |

Due to the time limits mandated by State law, your response must be sent at the earliest possible date, but not later than 30 days after receipt of this notice.

Please send your response to Michael Coyne, Principal Planner via email at mcoyne@cityofsanteeca.gov or to the following address: City of Santee, 10601 Magnolia Avenue, Santee, CA 92071. We will need the name of a contact person in your agency.

| | |
|---|---|
| Project Title: | Palisade Santee Commerce Center |
| Project Location – Specific: Identify street address and cross street or attach a map showing project site (preferably a U.S.G.S. 15' or 7 ½' topographical map identified by quadrangle name): | 10990 N. Woodside Avenue<br>Nearest cross street is Wheatlands Avenue |
| Project Description: | The project site is currently developed with a two-screen, drive-in theatre and a building containing restrooms, concession facilities, and a projection house, which collectively are in the process of ceasing operations. The project consists of redevelopment of the 13.5-acre project site as a commerce center with an approximately 300,145 square foot (gross area, inclusive of mezzanines and 10,000 sf of office space), one-story industrial building. The building would be up to 50 feet in height and would accommodate warehousing and distribution, manufacturing, assembly, and/or research and development operations, and related office uses. In addition to the industrial building, the project would include up to 42 dock-high doors, four grade-level doors, two truck courts, and up to 301 passenger-vehicle parking spaces, 30- and 40-foot-wide fire access lanes along the building perimeter, landscaping, and fencing along portions of the developed perimeter with automated gates at certain driveway locations. The project would also include associated utility, stormwater treatment, and roadway improvements. The project is consistent with the site's existing land use designation (IL-Light Industrial) and zoning (Light Industrial-IL). The CUP is proposed to increase the allowable building height from 40 feet to 50 feet. |
| Project Applicant (if any): | North Palisade Opco, LLC |
| California Environmental Protection Agency Hazardous Waste List (if applicable): | None |

| | | |
|---|---|---|
| Date: September 8, 2023 | Signature: | M. Coyne |
| | Name: | Michael Coyne, AICP |
| | Title: | Principal Planner |
| | Telephone: | (619) 258-4100 ext. 160 |

Consulting firm retained to prepare draft EIR (if applicable):

| | |
|---|---|
| Name: | Dudek |
| Address: | 2280 Historic Decatur Road |
| City/State/Zip: | San Diego, CA 92106 |
| Contact Person: | Kristen Stoner, Project Manager |

**Reference**: California Code of Regulations, Title 14, (CEQA Guidelines) Sections 15082(a), 15103, 15375.

# Questions EIR Scoping Meeting – Palisade Santee Commerce Development

September 26, 2023

## Operations

Will there be cars and parking on the north, northwest and northeast side of the building? What is the buffer of this parking /circulation to the State's SD River Conservancy property/reserve?

Will there be loading docks on the north, northwest, and northeast side of the building?

What will the anticipated hours of operation for the project site?

Will this be a M-F operation?

What noise studies is anticipated due to the noise that will be generated?

What are the boundaries /buffers of the development footprint as it relates to the river?

Are there any known bird nesting sites in the area?

What visual screening will be done for the building on the North (river) side? e.g., height of landscaping/trees that will be used.

The request for CUP due to increased height - Is this increase for all the buildings within the footprint or only specific areas of the development?

The Santee Noise Ordinance is not changing, correct?

How many project alternatives other than no project will be studied?

## During Construction

What are the hours of operations. Will there be a need to stop due to bird's nesting season?

Will construction be allowed to work on weekends?

What are the mitigation measures planned for habitat during construction?

- Stacey LoMedico

LOZEAU DRURY LLP
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1939 Harrison Street, Ste. 150
Oakland, CA 94612
www.lozeaudrury.com
rebecca@lozeaudrury.com

*Via Email*

September 27, 2023

Michael Coyne, Planner
Planning & Building Department
City of Santee
10601 Magnolia Ave.
Santee, CA 92071
mcoyne@cityofsanteeca.gov

Sandi Sawa, Director
Planning & Building Department
City of Santee
10601 Magnolia Ave.
Santee, CA 92071
ssawa@cityofsanteeca.gov

Annette Fagan Ortiz, City Clerk
City Clerk's Office
City of Santee
10601 Magnolia Ave.
Santee, CA 92071
clerk@cityofsanteeca.gov

**Re: CEQA and Land Use Notice Request for Palisade Santee Commerce Center (Environmental Impact Report AEIS2023-3; Conditional Use Permit P2023-1; Development Review Permit DR2023-2)**

Dear Mr. Coyne. Ms. Sawa, and Ms. Fagan Ortiz:

I am writing on behalf of Supporters Alliance for Environmental Responsibility ("SAFER") regarding the Palisade Santee Commerce Center (Environmental Impact Report AEIS2023-3; Conditional Use Permit P2023-1; Development Review Permit DR2023-2), including all actions related or referring to the proposed construction of a 300,145 square foot one-story industrial building., located at 10990 N. Woodside Avenue (APN 381-070-52) in the City of Santee ("Project").

We hereby request that the City of Santee ("City") send by electronic mail, if possible or U.S. mail to our firm at the address below notice of any and all actions or hearings related to activities undertaken, authorized, approved, permitted, licensed, or certified by the City and any of its subdivisions, and/or supported, in whole or in part, through contracts, grants, subsidies, loans or other forms of assistance from the City, including, but not limited to the following:

- Notice of any public hearing in connection with the Project as required by California Planning and Zoning Law pursuant to Government Code Section 65091.
- Any and all notices prepared for the Project pursuant to the California Environmental Quality Act ("CEQA"), including, but not limited to:
  - Notices of any public hearing held pursuant to CEQA.
  - Notices of determination that an Environmental Impact Report ("EIR") is required for the Project, prepared pursuant to Public Resources Code Section 21080.4.

- Notices of any scoping meeting held pursuant to Public Resources Code Section 21083.9.
- Notices of preparation of an EIR or a negative declaration for the Project, prepared pursuant to Public Resources Code Section 21092.
- Notices of availability of an EIR or a negative declaration for the Project, prepared pursuant to Public Resources Code Section 21152 and Section 15087 of Title 14 of the California Code of Regulations.
- Notices of approval and/or determination to carry out the Project, prepared pursuant to Public Resources Code Section 21152 or any other provision of law.
- Notices of any addenda prepared to a previously certified or approved EIR.
- Notices of approval or certification of any EIR or negative declaration, prepared pursuant to Public Resources Code Section 21152 or any other provision of law.
- Notices of determination that the Project is exempt from CEQA, prepared pursuant to Public Resources Code section 21152 or any other provision of law.
- Notice of any Final EIR prepared pursuant to CEQA.
- Notice of determination, prepared pursuant to Public Resources Code Section 21108 or Section 21152.

Please note that we are requesting notices of CEQA actions and notices of any public hearings to be held under any provision of Title 7 of the California Government Code governing California Planning and Zoning Law. **This request is filed pursuant to Public Resources Code Sections 21092.2 and 21167(f), and Government Code Section 65092**, which require local counties to mail such notices to any person who has filed a written request for them with the clerk of the agency's governing body.

Please send notice by electronic mail or U.S. Mail to:

Rebecca Davis
Madeline Dawson
Layne Fajeau
Lozeau Drury LLP
1939 Harrison Street, Suite 150
Oakland, CA 94612
rebecca@lozeaudrury.com
madeline@lozeaudrury.com
layne@lozeaudrury.com

Please call if you have any questions. Thank you for your attention to this matter.

Sincerely,



Layne Fajeau
Lozeau | Drury LLP

# California Department of Transportation

DISTRICT 11
4050 TAYLOR STREET, MS-240
SAN DIEGO, CA 92110
(619) 709-5152 | FAX (619) 688-4299 TTY 711
www.dot.ca.gov

GOVERNOR'S OFFICE OF PLANNING AND RESEARCH
Sep 18 2023
STATE OF CALIFORNIA

September 18, 2023

11-SD-67
PM 3.054
Palisade Santee Commerce Center
NOP/SCH# 2023090144

Mr. Michael Coyne
Principal Planner
City of Santee
10601 Magnolia Avenue
Santee, CA 92071

Dear Mr. Coyne:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the Notice of Preparation of a Draft EIR (NOP) for the Palisade Santee Commerce Center located near State Route 67 (SR-67). The mission of Caltrans is to provide a safe and reliable transportation network that serves all people and respects the environment. The Local Development Review (LDR) Program reviews land use projects and plans to ensure consistency with our mission and state planning priorities.

Safety is one of Caltrans' strategic goals. Caltrans strives to make the year 2050 the first year without a single death or serious injury on California's roads. We are striving for more equitable outcomes for the transportation network's diverse users. To achieve these ambitious goals, we will pursue meaningful collaboration with our partners. We encourage the implementation of new technologies, innovations, and best practices that will enhance the safety on the transportation network. These pursuits are both ambitious and urgent, and their accomplishment involves a focused departure from the status quo as we continue to institutionalize safety in all our work.

Caltrans is committed to prioritizing projects that are equitable and provide meaningful benefits to historically underserved communities, to ultimately improve transportation accessibility and quality of life for people in the communities we serve.

We look forward to working with the City of Santee in areas where the City of Santee and Caltrans have joint jurisdiction to improve the transportation network and connections between various modes of travel, with the goal of improving the experience of those who use the transportation system.

Caltrans has the following comments:

**Traffic Impact Study**
A Vehicle Miles of Travel (VMT) based Traffic Impact Study (TIS) should be provided for this project. Please use the Governor's Office of Planning and Research Guidance to identify VMT related impacts.[1]

The TIS may also need to identify the proposed project's near-term and long-term safety or operational issues, on or adjacent any existing or proposed State facilities.

**Hydrology and Drainage Studies**
On all plans, show Caltrans' Right of Way (R/W). Caltrans generally does not allow development projects to impact hydraulics within the State's R/W. Any modification to the existing Caltrans drainage and/or increase in runoff to State facilities will not be allowed. Early coordination with Caltrans is recommended.

**Complete Streets and Mobility Network**
Caltrans views all transportation improvements as opportunities to improve safety, access and mobility for all travelers in California and recognizes bicycle, pedestrian and transit modes as integral elements of the transportation network. Caltrans supports improved transit accommodation through the provision of Park and Ride facilities, improved bicycle and pedestrian access and safety improvements, signal prioritization for transit, bus on shoulders, ramp improvements, or other enhancements that promotes a complete and integrated transportation network. Early coordination with Caltrans, in locations that may affect both Caltrans and the City of Santee, is encouraged.

To reduce greenhouse gas emissions and achieve California's Climate Change target, Caltrans is implementing Complete Streets and Climate Change policies into State Highway Operations and Protection Program (SHOPP) projects to meet multi-modal mobility needs. Caltrans looks forward to working with the City of Santee to evaluate potential Complete Streets projects.

[1] California Governor's Office of Planning and Research (OPR) 2018. "Technical Advisory on Evaluating Transportation Impacts in CEQA." https://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf

Bicycle, pedestrian, and public transit access during construction is important. Mitigation to maintain bicycle, pedestrian, and public transit access during construction is in accordance with Caltrans' goals and policies.

**Land Use and Smart Growth**
Caltrans recognizes there is a strong link between transportation and land use. Development can have a significant impact on traffic and congestion on State transportation facilities. In particular, the pattern of land use can affect both local vehicle miles traveled and the number of trips. Caltrans supports collaboration with local agencies to work towards a safe, functional, interconnected, multi-modal transportation network integrated through applicable "smart growth" type land use planning and policies.

The City of Santee should continue to coordinate with Caltrans to implement necessary improvements at intersections and interchanges where the agencies have joint jurisdiction.

**Hauling/Traffic Control Plan**
The California Department of Transportation (Caltrans) has discretionary authority with respect to highways under its jurisdiction and may, upon application and if good cause appears, issue a special permit to operate or move a vehicle or combination of vehicles or special mobile equipment of a size or weight of vehicle or load exceeding the maximum limitations specified in the California Vehicle Code. The Caltrans Transportation Permits Issuance Branch is responsible for the issuance of these special transportation permits for oversize/overweight vehicles on the State Highway network. Additional information is provided online at:
http://www.dot.ca.gov/trafficops/permits/index.html.

A Traffic Control Plan is to be submitted to Caltrans District 11, including the interchanges at SR-67/North Woodside Avenue, at least 30 days prior to the start of any construction. Traffic shall not be unreasonably delayed. The plan shall also outline suggested detours to use during closures, including routes and signage.

Potential impacts to the highway facilities (SR-67) and traveling public from the detour, demolition and other construction activities should be discussed and addressed before work begins.

**Noise**
The applicant must be informed that in accordance with 23 Code of Federal Regulations (CFR) 772, the Department of Transportation (Caltrans) is not responsible for existing or future traffic noise impacts associated with the existing configuration of SR-67.

**Glare**
The proximity of the project site to SR-67 raises some concerns regarding potential glare that could pose a potential risk to motorists traveling on SR-67. The project's potential glare characteristics should be considered as part of the City of Santee Permit approval. Caltrans would want to ensure that all lighting, including reflected sunlight and reflected night lighting, within this project should be placed and/or shielded so as not to be hazardous to vehicles traveling on SR-67.

**Environmental**
Caltrans welcomes the opportunity to be a Responsible Agency under the California Environmental Quality Act (CEQA), as we have some discretionary authority of a portion of the project that is in Caltrans' R/W through the form of an encroachment permit process. We look forward to the coordination of our efforts to ensure that Caltrans can adopt the alternative and/or mitigation measure for our R/W. We would appreciate meeting with you to discuss the elements of the EIR that Caltrans will use for our subsequent environmental compliance.

An encroachment permit will be required for any work within the Caltrans' R/W prior to construction. As part of the encroachment permit process, the applicant must provide approved final environmental documents for this project, corresponding technical studies, and necessary regulatory and resource agency permits. Specifically, CEQA determination or exemption. The supporting documents must address all environmental impacts within the Caltrans' R/W and address any impacts from avoidance and/or mitigation measures.

We recommend that this project specifically identifies and assesses potential impacts caused by the project or impacts from mitigation efforts that occur within Caltrans' R/W that includes impacts to the natural environment, infrastructure including but not limited to highways, roadways, structures, intelligent transportation systems elements, on-ramps and off-ramps, and appurtenant features including but not limited to fencing, lighting, signage, drainage, guardrail, slopes and landscaping. Caltrans is interested in any additional mitigation measures identified for the project's draft Environmental Document.

**Broadband**
Caltrans recognizes that teleworking and remote learning lessen the impacts of traffic on our roadways and surrounding communities. This reduces the amount of VMT and decreases the amount of greenhouse gas (GHG) emissions and other pollutants. The availability of affordable and reliable, high-speed broadband is a key component in supporting travel demand management and reaching the state's transportation and climate action goals.

**Mitigation**
Caltrans endeavors that any direct and cumulative impacts to the State Highway network be eliminated or reduced to a level of insignificance pursuant to the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) standards.

**Right-of-Way**
Per Business and Profession Code 8771, perpetuation of survey monuments by a licensed land surveyor is required, if they are being destroyed by any construction.

Any work performed within Caltrans' R/W will require discretionary review and approval by Caltrans and an encroachment permit will be required for any work within the Caltrans' R/W prior to construction.

Additional information regarding encroachment permits may be obtained by contacting the Caltrans Permits Office at (619) 688-6158 or emailing D11.Permits@dot.ca.gov or by visiting the website at https://dot.ca.gov/programs/traffic-operations/ep. Early coordination with Caltrans is strongly advised for all encroachment permits.

If you have any questions or concerns, please contact Sandy Vazquez, LDR Coordinator, at (619) 987-3580 or by e-mail sent to Sandra.Vazquez@dot.ca.gov.

Sincerely,

*Maurice A. Eaton*

MAURICE EATON
Branch Chief
Local Development Review

# NATIVE AMERICAN HERITAGE COMMISSION

Governor's Office of Planning & Research

September 11 2023

STATE CLEARINGHOUSE

September 9, 2023

Michael Coyne
City of Santee
10601 Magnolia Avenue
Santee, CA 92071

**Re: 2023090144, Palisade Santee Commerce Center Project, San Diego County**

Dear Mr. Coyne:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

**Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws**.

AB 52

CHAIRPERSON
**Reginald Pagaling**
*Chumash*

VICE-CHAIRPERSON
**Buffy McQuillen**
*Yokayo Pomo, Yuki, Nomlaki*

SECRETARY
**Sara Dutschke**
*Miwok*

PARLIAMENTARIAN
**Wayne Nelson**
*Luiseño*

COMMISSIONER
**Isaac Bojorquez**
*Ohlone-Costanoan*

COMMISSIONER
**Stanley Rodriguez**
*Kumeyaay*

COMMISSIONER
**Laurena Bolden**
*Serrano*

COMMISSIONER
**Reid Milanovich**
*Cahuilla*

COMMISSIONER
**Vacant**

EXECUTIVE SECRETARY
**Raymond C. Hitchcock**
*Miwok, Nisenan*

**NAHC HEADQUARTERS**
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

**1.** Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

**a.** A brief description of the project.

**b.** The lead agency contact information.

**c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).

**d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

**2.** Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

**a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

**3.** Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

**a.** Alternatives to the project**.**

**b.** Recommended mitigation measures**.**

**c.** Significant effects**.** (Pub. Resources Code §21080.3.2 (a)).

**4.** Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

**a.** Type of environmental review necessary.

**b.** Significance of the tribal cultural resources.

**c.** Significance of the project's impacts on tribal cultural resources.

**d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

**5.** Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

**6.** Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

**a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.

**b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

**7.** Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

**a.** The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

**b.** A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

**8.** Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

**9.** Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

**10.** Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

**a.** Avoidance and preservation of the resources in place, including, but not limited to:

**i.** Planning and construction to avoid the resources and protect the cultural and natural context.

**ii.** Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

**b.** Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

**i.** Protecting the cultural character and integrity of the resource.

**ii.** Protecting the traditional use of the resource.

**iii.** Protecting the confidentiality of the resource.

**c.** Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

**d.** Protecting the resource. (Pub. Resource Code §21084.3 (b)).

**e.** Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

**f.** Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

**11.** Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

**a.** The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

**b.** The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

**c.** The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

**3.** Contact the NAHC for:

**a.** A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

**b.** A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

**4.** Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

**a.** Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

**b.** Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

**c.** Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

cc: State Clearinghouse

# Appendix B

Air Quality and Greenhouse Gas Emission Technical Report

Air Quality and Greenhouse Gas Emissions Technical Report

# Palisade Santee Commerce Center Project

## City of Santee, California

**MARCH 2025**

*Prepared for:*

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# Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|---|---|
| AB | Assembly Bill |
| CAA | Clean Air Act |
| CAAQS | California Ambient Air Quality Standards |
| CARB | California Air Resources Board |
| CalEEMod | California Emissions Estimator Model |
| CEQA | California Environmental Quality Act |
| CO | carbon monoxide |
| DPM | diesel particulate matter |
| EPA | U.S. Environmental Protection Agency |
| g/L | grams per liter |
| HAP | hazardous air pollutant |
| kWh | kilowatt-hour |
| LOS | level of service |
| NAAQS | National Ambient Air Quality Standards |
| NO | nitric oxide |
| $NO_2$ | nitrogen dioxide |
| $NO_x$ | oxides of nitrogen |
| $O_3$ | ozone |
| $PM_{2.5}$ | fine particulate matter |
| $PM_{10}$ | coarse particulate matter |
| RAQS | Regional Air Quality Strategy |
| SANDAG | San Diego Association of Governments |
| SDAB | San Diego Air Basin |
| SDAPCD | San Diego Air Pollution Control District |
| SDG&E | San Diego Gas & Electric Company |
| SIP | state implementation plan |
| $SO_2$ | sulfur dioxide |
| $SO_x$ | sulfur oxides |
| TAC | toxic air contaminant |
| VOC | volatile organic compound |

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# Executive Summary

The purpose of this technical report is to assess the potential air quality impacts associated with implementation of the Palisade Santee Commerce Center Project (Project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act Guidelines.

## Project Overview

The Project site is located at 10990 N. Woodside Avenue, is bound by the San Diego River to the north, in the City of Santee, California in East County region of San Diego County on an approximate 13.66-acre site.

The proposed Project includes the demolition of all existing on-site structures (see Section 3.2, Environmental Setting) and the construction of a 300,145 square foot industrial/warehousing building. The Project would include 290,145 square feet of warehouse space and 10,000 square feet of office space, as well as associated improvements including loading docks, trailer stalls, passenger vehicle parking spaces, and street, sidewalk, and landscape improvements. This building is designed to be used primarily to support warehousing operations.

## Project Design Features

The Project would implement construction and operational project design features (PDFs) intended to reduce emissions of criteria air pollutants and toxic air contaminants (TACs) and Greenhouse Gas (GHG) Emissions. The Project would implement **PDF-AQ-1through PDF-AQ-5 and PDF-GHG-1 through PDF-GHG-11**, as follow:

PDF-AQ-1: Prior to the start of construction activities and issuance of grading permits, the Project applicant, or its designee, shall ensure that all 75 horsepower or greater diesel-powered equipment are powered with California Air Resources Board (CARB)-certified Tier 4 Interim engines or better.

PDF-AQ-2: Require the cargo handling equipment utilized during facility operations after the completion of construction to include forklifts (forklifts and pallet jacks) and yard tractors operating with Tier 4 Interim engines or better.

PDF-AQ-3: During all grading and site preparation activities, the on-site construction superintendent shall ensure implementation of standard best management practices as required by the San Diego Air Pollution Control District (SDAPCD) Rules 50, 51, 52, 54, and 55, Fugitive Dust Control.

PDF-AQ-4: During all grading and site preparation activities, the on-site construction superintendent shall ensure implementation of applicable California Department of Resources Recycling and Recovery (CalRecycle) Sustainable (Green) Building Program Measures, as specified on the CalRecycle website.

PDF-AQ-5: The Project shall apply only coatings that meet the requirements of San Diego Air Pollution Control District's (SDAPCD) Rule 67.0.1, Architectural Coatings.

PDF-GHG-1: Per the Sustainable Santee Action Plan Checklist, the Project will include 450 kW of solar PV based on 3 kW per 2,000 SF of building area.

PDF-GHG-2: Per the Sustainable Santee Action Plan Checklist the Project will meet or exceed CALGreen Tier 2 Standards in effect at the time of the building permit application to the satisfaction of the Director of Director of Planning and Building. Documentation shall be provided to the City demonstrating that the Project meets this requirement prior to the issuance of the building permit.

PDF-GHG-3: Per the Sustainable Santee Action Plan Checklist the Project utilizes tree planting for shade and energy efficiency such as tree planting in parking lots and streetscapes. Landscaping will be installed in the passenger parking area and around portions of the buildings as well as site frontages, including trees, shrubs and cover. See Figure 3-9 of the Landscape Plan.

PDF-GHG-4: Per the Sustainable Santee Action Plan Checklist, roof structures will be designed to include "cool roofs" materials with a minimum aged reflectance and thermal emittance values equal to or greater than the current CALGreen Table A5.106.11.3, Tier 1.

PDF-GHG-5: Per the Sustainable Santee Action Plan Checklist, proposed Project streets will include sidewalks, crosswalks, and other infrastructure that promotes non-motorized transportation options. The Project will include street, sidewalk, and landscape improvements.

PDF-GHG-6: Per the Sustainable Santee Action Plan Checklist, electric vehicle chargers will be installed in all new commercial developments. The Project includes 16 EVCS (EV Capable Stall with EVSE).

PDF-GHG-7: Per the Sustainable Santee Action Plan Checklist, for new industrial and other Land Uses employing 200 or more employees, chargers shall be installed for 5 percent of the total parking spaces. The Project includes 301 total parking spaces (301 x 0.05 = 15 spaces). The Project includes 16 EVCS with EVSE.

PDF-GHG-8: Per the Sustainable Santee Action Plan Checklist, the Project will reduce waste at landfills. The Project will include storage areas for recyclables and green waste as well as food waste.

PDF-GHG-9: The Project shall utilize high-efficiency equipment and fixtures consistent with the current California Green Building Standards Code and Title 24 of the California Code of Regulations.

PDF-GHG-10: The Project shall comply with the Santee Water Efficient Landscape Ordinance. The ordinance promotes water conservation and efficiency by imposing various requirements related to evapotranspiration rates, irrigation efficiency, and plant factors.

PDF-GHG-11: The Project shall comply with Chapters 9.02 and 9.04 of the Santee Municipal Code that pertain to solid waste management and demolition and construction debris recycling.

## Air Quality

The air quality impact analysis evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the Project. Impacts were evaluated for their significance based on the San Diego Air Pollution Control District (SDAPCD) mass daily criteria air pollutant thresholds of significance. Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards (criteria) for outdoor concentrations to protect public health. Criteria air pollutants include ozone ($O_3$), nitrogen dioxide ($NO_2$), carbon monoxide (CO), sulfur dioxide ($SO_2$), particulate matter with an aerodynamic diameter less than or equal to 10 microns ($PM_{10}$), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated include volatile organic compounds (VOCs) (also referred to as reactive organic gases), oxides of nitrogen ($NO_x$), CO, sulfur oxides ($SO_x$), $PM_{10}$, and $PM_{2.5}$. VOCs and $NO_x$ are important because they are precursors to $O_3$.

### Air Quality Plan Consistency

If a project proposes development that is greater than that anticipated in the local plan and the growth projections set by the San Diego Association of Governments (SANDAG), the project might be in conflict with the State Implementation Plan and Regional Air Quality Strategy, and therefore may contribute to a potentially significant cumulative impact on air quality. The Project was deemed to be consistent with the current air quality plan, because it is consistent with the current land use and zoning designation, and the anticipated growth associated with the Project does not exceed that projected by SANDAG. In addition, the Project would not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations. Based on these considerations, impacts related to the Project's potential to conflict with or obstruct implementation of the applicable air quality plan would be less than significant.

### Construction Criteria Air Pollutant Emissions

Construction of the Project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). As demonstrated with the analysis within, the maximum daily construction emissions would not exceed the SDAPCD significance thresholds for VOCs, $NO_x$, CO, $SO_x$, $PM_{10}$, or $PM_{2.5}$ during construction. Therefore, the Project construction would have a less than significant impact.

### Operational Criteria Air Pollutant Emissions

The analysis herein assumed an operational year of 2025. Operation of the Project would generate operational criteria air pollutants from mobile sources (vehicles), cargo handling equipment, area sources (consumer product use, architectural coatings, and landscape maintenance equipment), and energy (natural gas) and routine maintenance of the fire-water pump engine. Maximum operational emissions would not exceed the SDAPCD operational significance thresholds for VOCs, $NO_x$, CO, $SO_x$, $PM_{10}$, or $PM_{2.5}$. Therefore, the Project operation would have a less than significant impact.

### Cumulative Impacts

The potential for a project to result in a cumulatively considerable impact, per the SDAPCD guidance and thresholds, is based on the project's potential to exceed the project-specific daily thresholds. Because maximum construction and operational emissions would not exceed the SDAPCD significance thresholds for VOCs, $NO_x$, CO, $SO_x$, $PM_{10}$, or $PM_{2.5}$, the Project would not result in a cumulatively considerable increase in criteria air pollutants.

### Exposure of Sensitive Receptors

As mentioned above, construction and operational activities would not generate emissions in excess of the SDAPCD site-specific mass daily thresholds; therefore, site-specific construction and operational impacts of the Project would be less than significant. A health risk assessment (HRA) was also conducted to determine the potential impacts of exposure to diesel particulate matter (DPM), which is a TAC, at existing proximate sensitive receptors in the Project vicinity from both construction and operation of the Project. The results of the HRA demonstrate that TAC exposure from diesel exhaust emissions would not result in cancer risk above the 10 in 1 million threshold, nor a Chronic Hazard Index greater than 1.0. Therefore, impacts to sensitive receptors would be less than significant.

The County's CO hotspot screening guidance (County of San Diego 2007) was followed to determine whether the Project would require a site-specific hotspot analysis. As presented in the Transportation Impact Study (Appendix I), with the exception of the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, all study area roadway segments and intersections would continue to operate at satisfactory levels of service (LOS D or better) under Near Term plus Project conditions. However, implementation of improvement measures, including measures required by the Sustainable Santee Action Plan Project Consistency Checklist, would result in the level of service of D or better for the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection. Therefore, the Project would not generate traffic that would contribute to potential adverse traffic impacts that may result in the formation of CO hotspots and no hotspot analysis is required. Based on these considerations, the Project would not expose sensitive receptors to substantial CO concentrations; impacts based on CO exposure would be less than significant.

### Other Emissions

Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the Project site and generally occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be less than significant. The Project would be a warehouse development that would not include land uses with sources that have the potential to generate substantial odors, and impacts associated with odors during operation would be less than significant.

## Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact but must also be evaluated on a project-level under CEQA. A project contributes to this potential impact through its incremental emissions combined with the cumulative increase of all other sources of greenhouse gas (GHG) emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide ($CO_2$), methane ($CH_4$), and nitrous oxide ($N_2O$). GHG emissions are measured in metric tons of $CO_2$ equivalent (MT $CO_2e$), which account for weighted global warming potential (GWP) factors for $CH_4$ and $N_2O$.

## Project Impacts

Construction of the Project would result in GHG emissions primarily associated with the use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. The Project would generate operational GHG emissions from area sources (landscape maintenance), energy sources (electricity consumption and natural gas combustion), mobile sources (vehicle trips), cargo handling equipment, routine maintenance of the emergency fire-water pump engine, water supply and wastewater treatment, and solid waste. Estimated annual Project-generated operational emissions in 2025, plus amortized Project construction emissions would be approximately 4,402 MT $CO_2e$ per year. As discussed in Section 3.4 of this report, the Project operational emissions in 2025 plus amortized Project construction emissions are provided for informational uses only.

As discussed above in Section 3.2.3, the Sustainable Santee Action Plan Project Consistency Checklist (Checklist) is intended to be a tool for development projects to demonstrate consistency with Santee's (City's) Sustainable Santee Action Plan, which is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with California Environmental Quality Act (CEQA) Guidelines Section 15183.5. This Checklist has been developed as part of the Sustainable Santee Action Plan implementation and monitoring process and will support the achievement of individual GHG reduction measures as well as the City's overall GHG reduction goals. As shown in Table 20, the Project is consistent with the Sustainable Santee Action Plan Checklist adopted by the City to ensure that the emission targets identified in the Sustainable Santee Action Plan are achieved. The Sustainable Santee Action Plan determined that a project consistent with the Checklist would not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment Therefore, the Project would not generate GHG emissions that may have a significant impact on the environment; impacts would be less than significant.

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# 1 Introduction

## 1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with construction and operation of the Palisade Santee Commerce Center Project (Project). This analysis uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.) and the emissions-based significance thresholds recommended by the San Diego Air Pollution Control District (SDAPCD) and other applicable thresholds of significance.

## 1.2 Project Location

The Project site is located at 10990 N. Woodside Avenue, is bound by the San Diego River to the north, in the City of Santee, California in East County region of San Diego County on an approximate 13.66-acre site.

The City's General Plan designates the Project site for Light Industrial uses and the site is zoned for Light Industrial, per the City's Zoning Code. The proposed Project would be consistent with Chapter 13.14 of the City's Municipal Code, which states that allowed industrial and related uses include warehousing/distribution, assembly and light manufacturing, repair facilities, and business parks, including corporate offices (City of Santee 2017; City of Santee 2020). This zoning is consistent with the Light Industrial land use designation of the General Plan (City of Santee 2017; City of Santee 2020).

## 1.3 Project Description

The proposed Project includes the demolition of all existing on-site structures (see Section 3.2, Environmental Setting) and the construction of a 300,145 gross square foot industrial/warehousing building. The Project would include 290,145 square feet of warehouse space and 10,000 square feet of office space, as well as associated improvements including loading docks, trailer stalls, passenger vehicle parking spaces, and street, sidewalk, and landscape improvements. This building is designed to be used primarily to support warehousing operations.

Loading docks would be provided on the north and south sides of the proposed building with a total of 42 truck terminals. Access to the Project site would be maintained and improved as necessary with existing access points from Woodside Avenue. Development of the Project would include associated landscaping, stormwater features and 301 parking spaces for employee/visitor parking.

## 1.4 Project Design Features

The Project would implement both construction-related and operational project design features (PDFs) intended to reduce emissions of criteria air pollutants, toxic air contaminants (TACs), and Greenhouse Gas (GHG) Emissions.

The Project would implement the following Project Design Features (PDFs).

PDF-AQ-1: Prior to the start of construction activities and issuance of grading permits, the Project applicant, or its designee, shall ensure that all 75 horsepower or greater diesel-powered

equipment are powered with California Air Resources Board (CARB)-certified Tier 4 Interim engines or better.

PDF-AQ-2: Require the cargo handling equipment utilized during facility operations after the completion of construction to include forklifts (forklifts and pallet jacks) and yard tractors operating with Tier 4 Interim engines or better.

PDF-AQ-3: During all grading and site preparation activities, the on-site construction superintendent shall ensure implementation of standard best management practices as required by the San Diego Air Pollution Control District (SDAPCD) Rules 50, 51, 52, 54, and 55, Fugitive Dust Control.

PDF-AQ-4: During all grading and site preparation activities, the on-site construction superintendent shall ensure implementation of applicable California Department of Resources Recycling and Recovery (CalRecycle) Sustainable (Green) Building Program Measures, as specified on the CalRecycle website.

PDF-AQ-5: The Project shall apply only coatings that meet the requirements of San Diego Air Pollution Control District's (SDAPCD) Rule 67.0.1, Architectural Coatings.

PDF-GHG-1: Per the Sustainable Santee Action Plan Checklist, the Project will include 450 kW of solar PV based on 3 kW per 2,000 SF of building area.

PDF-GHG-2: Per the Sustainable Santee Action Plan Checklist the Project will meet or exceed CALGreen Tier 2 Standards in effect at the time of the building permit application. Documentation shall be provided to the City demonstrating that the Project meets this requirement prior to the issuance of the building permit.

PDF-GHG-3: Per the Sustainable Santee Action Plan Checklist, the Project utilizes tree planting for shade and energy efficiency such as tree planting in parking lots and streetscapes. Landscaping will be installed in the passenger parking area and around portions of the buildings as well as site frontages, including trees, shrubs and cover. See Figure 3-9 of the Landscape Plan.

PDF-GHG-4: Per the Sustainable Santee Action Plan Checklist, roof structures will be designed to include "cool roofs" materials with a minimum aged reflectance and thermal emittance values equal to or greater than the current CALGreen Table A5.106.11.3, Tier 1.

PDF-GHG-5: Per the Sustainable Santee Action Plan Checklist, proposed Project streets will include sidewalks, crosswalks, and other infrastructure that promotes non-motorized transportation options. The Project will include street, sidewalk, and landscape improvements.

PDF-GHG-6: Per the Sustainable Santee Action Plan Checklist, electric vehicle chargers will be installed in all new commercial developments. The Project includes 16 EVCS (EV Capable Stall with EVSE).

PDF-GHG-7: Per the Sustainable Santee Action Plan Checklist, for new industrial and other Land Uses employing 200 or more employees, chargers shall be installed for 5 percent of the total parking spaces**.** The Project includes 301 total parking spaces (301 x 0.05 = 15 spaces). The Project includes 16 EVCS with EVSE.

PDF-GHG-8: Per the Sustainable Santee Action Plan Checklist, the Project will reduce waste at landfills. The Project will include storage areas for recyclables and green waste as well as food waste.

PDF-GHG-9: The Project shall utilize high-efficiency equipment and fixtures consistent with the current California Green Building Standards Code and Title 24 of the California Code of Regulations.

PDF-GHG-10: The Project shall comply with the Santee Water Efficient Landscape Ordinance. The ordinance promotes water conservation and efficiency by imposing various requirements related to evapotranspiration rates, irrigation efficiency, and plant factors.

PDF-GHG-11: The Project shall comply with Chapters 9.02 and 9.04 of the Santee Municipal Code that pertain to solid waste management and demolition and construction debris recycling.

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# 2 Air Quality

## 2.1 Environmental Setting

### 2.1.1 Climate and Topography

The weather of the San Diego region, as in most of Southern California, is influenced by the Pacific Ocean and its semi-permanent high-pressure systems that result in dry, warm summers and mild, occasionally wet winters. The average temperature ranges (in degrees Fahrenheit) from the mid-40s to the high 90s. Most of the region's precipitation falls from November to April, with infrequent (approximately 10%) precipitation during the summer. The average seasonal precipitation along the coast is approximately 10 inches; the amount increases with elevation as moist air is lifted over the mountains (WRCC 2016). This usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds.

The topography in the San Diego region varies greatly, from beaches on the west to mountains and desert on the east; along with local meteorology, it influences the dispersal and movement of pollutants in the basin. The mountains to the east prohibit dispersal of pollutants in that direction and help trap them in inversion layers.

The interaction of ocean, land, and the Pacific High Pressure Zone maintains clear skies for much of the year and influences the direction of prevailing winds (westerly to northwesterly). Local terrain is often the dominant factor inland, and winds in inland mountainous areas tend to blow through the valleys during the day and down the hills and valleys at night.

### 2.1.2 San Diego Air Basin Climatology

The Project area is located within the San Diego Air Basin (SDAB) and is subject to the SDAPCD guidelines and regulations. The SDAB is one of 15 air basins that geographically divide the State of California. The SDAB is currently classified as a federal nonattainment area for ozone ($O_3$) and a state nonattainment area for particulate matter less than 10 microns ($PM_{10}$), particulate matter less than 2.5 microns ($PM_{2.5}$), and $O_3$.

The SDAB experiences frequent temperature inversions. Subsidence inversions occur during the warmer months as descending air associated with the Pacific High Pressure Zone meets cool marine air. The boundary between the two layers of air creates a temperature inversion that traps pollutants. The other type of inversion, a radiation inversion, develops on winter nights when air near the ground cools by heat radiation and air aloft remains warm. The shallow inversion layer formed between these two air masses also can trap pollutants. As the pollutants become more concentrated in the atmosphere, photochemical reactions occur that produce $O_3$, which contributes to the formation of smog. Smog is a combination of smoke and other particulates, $O_3$, hydrocarbons, oxides of nitrogen ($NO_x$) and other chemically reactive compounds which, under certain conditions of weather and sunlight, may result in a murky brown haze that causes adverse health effects (CARB 2022a).

Light daytime winds, predominantly from the west, further aggravate the condition by driving air pollutants inland, toward the mountains. During the fall and winter, air quality problems are created due to carbon monoxide (CO) and $NO_x$ emissions. CO concentrations are generally higher in the morning and late evening. In the morning, CO levels are elevated due to cold temperatures and the large number of motor vehicles traveling. Higher CO levels during the late evenings are a result of stagnant atmospheric conditions trapping CO in the area. Since CO is

produced almost entirely from automobiles, the highest CO concentrations in the SDAB are associated with heavy traffic. Nitrogen dioxide ($NO_2$) levels are also generally higher during fall and winter days.

Under certain conditions, atmospheric oscillation results in the offshore transport of air from the Los Angeles region to San Diego County. This often produces high $O_3$ concentrations, as measured at air pollutant monitoring stations within San Diego County. The transport of air pollutants from Los Angeles to San Diego has also occurred within the stable layer of the elevated subsidence inversion, where high levels of $O_3$ are transported.

### 2.1.3 Sensitive Receptors

Air quality varies as a direct function of the quantity of pollutants emitted into the atmosphere, the size and topography of the air basin, and the prevailing meteorological conditions. Air quality problems arise when the rate of pollutant emissions exceeds the rate of dispersion.

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution, as identified by the California Air Resources Board (CARB), include children, older adults, and people with cardiovascular and chronic respiratory diseases. According to the SDAPCD, sensitive receptors are those who are especially susceptible to adverse health effects from exposure to toxic air contaminants, such as children, the elderly, and the ill. Sensitive receptors include residences, schools (grades Kindergarten through 12), libraries, day care centers, nursing homes, retirement homes, health clinics, and hospitals within 2 kilometers of the facility (SDAPCD 2022a). The closest sensitive receptors to the Project site are single-family residences to the north of the site and north of the San Diego River and single and multifamily residential units south of the Project site and south of Highway 67.

### 2.1.4 Pollutants and Effects

#### Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include $O_3$, $NO_2$, CO, sulfur dioxide ($SO_2$), $PM_{10}$, $PM_{2.5}$, and lead. These pollutants are discussed in the following paragraphs.[1] In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants.

**Ozone ($O_3$).** $O_3$ is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and $O_3$ precursors. These precursors are mainly $NO_x$ and VOCs. The maximum effects of precursor emissions on $O_3$ concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in $O_3$ formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. $O_3$ exists in the upper atmosphere

[1] The following descriptions of health effects for each of the criteria air pollutants associated with project construction and operations are based on the U.S. Environmental Protection Agency's "Six Common Air Pollutants" (EPA 2017a) and the California Air Resources Board's "Glossary of Air Pollutant Terms" (CARB 2017) published information.

$O_3$ layer (stratospheric $O_3$) and at the Earth's surface in the troposphere.[2] The $O_3$ that the U.S. Environmental Protection Agency (EPA) and the CARB regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level $O_3$ is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" $O_3$. Stratospheric, or "good," $O_3$ occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric $O_3$ layer, plant and animal life would be seriously harmed.

$O_3$ in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to $O_3$ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013). These health problems are particularly acute in sensitive receptors such as the sick, the elderly, and young children.

**Nitrogen Dioxide ($NO_2$).** $NO_2$ is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of $NO_2$ in the atmosphere is the oxidation of the primary air pollutant nitric oxide (NO), which is a colorless, odorless gas. $NO_x$ plays a major role, together with VOCs, in the atmospheric reactions that produce $O_3$. $NO_x$ is formed from fuel combustion under high temperature or pressure. In addition, $NO_x$ is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers.

$NO_2$ can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2016a).

**Carbon Monoxide (CO).** CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas, such as the Project location, automobile exhaust accounts for the majority of CO emissions. CO is a non-reactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

In terms of adverse health effects, CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions.

**Sulfur Dioxide ($SO_2$).** $SO_2$ is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of $SO_2$ are coal and oil used in power plants and industries; as such, the highest levels of $SO_2$ are generally found near large industrial complexes. In recent years, $SO_2$ concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of $SO_2$ and limits on the sulfur content of fuels.

[2] The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

$SO_2$ is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter, $SO_2$ can injure lung tissue and reduce visibility and the level of sunlight. $SO_2$ can also yellow plant leaves and erode iron and steel.

**Particulate Matter (PM).** Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and $PM_{10}$ represent fractions of particulate matter. Coarse particulate matter ($PM_{10}$) consists of particulate matter that is 10 microns or less in diameter and is about 1/7 the thickness of a human hair. Major sources of $PM_{10}$ include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine particulate matter ($PM_{2.5}$) consists of particulate matter that is 2.5 microns or less in diameter and is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides ($SO_x$), $NO_x$, and VOCs.

$PM_{2.5}$ and $PM_{10}$ pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and $PM_{10}$ can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the blood stream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. Whereas $PM_{10}$ tends to collect in the upper portion of the respiratory system, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

People with influenza, people with chronic respiratory and cardiovascular diseases, and the elderly may suffer worsening illness and premature death as a result of breathing particulate matter. People with bronchitis can expect aggravated symptoms from breathing in particulate matter. Children may experience a decline in lung function due to breathing in $PM_{10}$ and $PM_{2.5}$ (EPA 2009).

**Lead.** Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including IQ performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

**Volatile Organic Compounds (VOCs).** Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of $O_3$ are referred to and regulated as Volatile Organic Compounds (VOCs) (also referred to as reactive organic gases). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry-cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of $O_3$ and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs.

## Non-Criteria Pollutants

**Toxic Air Contaminants (TACs).** A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the State of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

**Diesel Particulate Matter (DPM).** DPM is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70th the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2022b). DPM is typically composed of carbon particles ("soot," also called black carbon) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2022b). CARB classified "particulate emissions from diesel-fueled engines" (i.e., DPM) as a TAC in August 1998 (17 CCR 93000). DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, and cars and off-road diesel engines including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same non-cancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children.

Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2022b). Those most vulnerable to non-cancer health effects are children whose lungs are still developing and the elderly who often have chronic health problems.

**Odorous Compounds.** Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting and headache). The ability to detect odors varies considerably among the population and overall is quite subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. In a phenomenon known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

**Valley Fever.** Coccidioidomycosis, more commonly known as "Valley Fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline, sandy soils.

The County is not considered a highly endemic region for Valley Fever, as the latest report from the County of San Diego Health and Human Services Agency Public Health Services indicated the County has 8.3 cases per 100,000 people (County of San Diego 2019). In the zip code area of the Project site, the case rate is reported as between 5.0-7.6 cases per 100,000 people (County of San Diego 2021).

## 2.2 Regulatory Setting

### 2.2.1 Federal

#### Criteria Pollutants

The federal Clean Air Act (CAA), passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The United States Environmental Protection Agency (EPA) is responsible for implementing most aspects of the CAA, including the setting of National Ambient Air Quality Standards (NAAQS) for major air pollutants, hazardous air pollutant (HAP) standards, approval of state attainment plans, motor vehicle emission standards, stationary source emission standards and permits, acid rain control measures, stratospheric $O_3$ protection, and enforcement provisions.

NAAQS are established by the EPA for "criteria pollutants" under the CAA, which are $O_3$, CO, $NO_2$, $SO_2$, $PM_{10}$, $PM_{2.5}$, and lead. The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The CAA requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan (SIP) that demonstrates how those areas will attain the standards within mandated time frames.

### Hazardous Air Pollutants

The 1977 CAA Amendments required the EPA to identify national emission standards for hazardous air pollutants to protect the public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 CAA Amendments, which expanded the control program for HAPs, 189 substances and chemical families were identified as HAPs.

## 2.2.2 State

### Criteria Pollutants

The California Clean Air Act was adopted in 1988 and establishes the state's air quality goals, planning mechanisms, regulatory strategies, and standards of progress. Under the California Clean Air Act, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB is responsible for ensuring implementation of the California Clean Air Act, responding to the CAA, and regulating emissions from motor vehicles and consumer products. Pursuant to the authority granted to it, CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS.

The NAAQS and CAAQS are presented in Table 1.

**Table 1. Ambient Air Quality Standards**

| Pollutant | Averaging Time | California Standards[a] | National Standards[b] | |
|---|---|---|---|---|
| | | Concentration[c] | Primary[c,d] | Secondary[c,e] |
| $O_3$ | 1 hour | 0.09 ppm (180 µg/m³) | — | Same as primary standard[f] |
| | 8 hours | 0.070 ppm (137 µg/m³) | 0.070 ppm (137 µg/m³)[f] | |
| $NO_2$[g] | 1 hour | 0.18 ppm (339 µg/m³) | 0.100 ppm (188 µg/m³) | Same as primary standard |
| | Annual arithmetic mean | 0.030 ppm (57 µg/m³) | 0.053 ppm (100 µg/m³) | |
| CO | 1 hour | 20 ppm (23 mg/m³) | 35 ppm (40 mg/m³) | None |
| | 8 hours | 9.0 ppm (10 mg/m³) | 9 ppm (10 mg/m³) | |
| $SO_2$[h] | 1 hour | 0.25 ppm (655 µg/m³) | 0.075 ppm (196 µg/m³) | — |
| | 3 hours | — | — | 0.5 ppm (1,300 µg/m³) |
| | 24 hours | 0.04 ppm (105 µg/m³) | 0.14 ppm (for certain areas)[g] | — |
| | Annual | — | 0.030 ppm (for certain areas)[g] | — |
| $PM_{10}$[i] | 24 hours | 50 µg/m³ | 150 µg/m³ | Same as primary standard |
| | Annual arithmetic mean | 20 µg/m³ | — | |

## Table 1. Ambient Air Quality Standards

| Pollutant | Averaging Time | California Standards[a] | National Standards[b] | |
|---|---|---|---|---|
| | | Concentration[c] | Primary[c,d] | Secondary[c,e] |
| $PM_{2.5}$[i] | 24 hours | — | 35 µg/m³ | Same as primary standard |
| | Annual arithmetic mean | 12 µg/m³ | 12.0 µg/m³ | 15.0 µg/m³ |
| Lead[j, k] | 30-day average | 1.5 µg/m³ | — | — |
| | Calendar quarter | — | 1.5 µg/m³ (for certain areas)[k] | Same as primary standard |
| | Rolling 3-month average | — | 0.15 µg/m³ | |
| Hydrogen sulfide | 1 hour | 0.03 ppm (42 µg/m³) | — | — |
| Vinyl chloride[j] | 24 hours | 0.01 ppm (26 µg/m³) | — | — |
| Sulfates | 24- hours | 25 µg/m³ | — | — |
| Visibility reducing particles | 8 hour (10:00 a.m. to 6:00 p.m. PST) | Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70% | — | — |

**Source:** CARB 2016.

**Notes:** $O_3$ = ozone; ppm = parts per million by volume; µg/m³ = micrograms per cubic meter; $NO_2$ = nitrogen dioxide; CO = carbon monoxide; mg/m³= milligrams per cubic meter; $SO_2$ = sulfur dioxide; $PM_{10}$ = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

a California standards for $O_3$, CO, $SO_2$ (1-hour and 24-hour), $NO_2$, suspended particulate matter ($PM_{10}$, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b National standards (other than $O_3$, $NO_2$, $SO_2$, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The $O_3$ standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For $PM_{10}$, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

c Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°Celsius (°C) and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

d National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

e National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

f On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

g To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

h On June 2, 2010, a new 1-hour $SO_2$ standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 $SO_2$ national standards (24-hour and annual) remain in effect until 1 year after an

area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour $PM_{10}$ standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

**Sulfates.** Salts of sulfuric acid. Sulfates are the fully oxidized form of sulfur, which typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of $SO_2$ in the atmosphere and can result in respiratory impairment, as well as reduced visibility. Sulfates occur as microscopic particles (aerosols) resulting from fossil fuel and biomass combustion. They increase the acidity of the atmosphere and form acid rain.

**Vinyl Chloride.** Vinyl chloride is a colorless gas with a mild, sweet odor, which has been detected near landfills, sewage plants, and hazardous waste sites, due to the microbial breakdown of chlorinated solvents. Short-term exposure to high levels of vinyl chloride in air can cause nervous system effects, such as dizziness, drowsiness, and headaches. Long-term exposure through inhalation can cause liver damage, including liver cancer.

**Hydrogen Sulfide.** Hydrogen sulfide is a colorless and flammable gas that has a characteristic odor of rotten eggs. Sources of hydrogen sulfide include geothermal power plants, petroleum refineries, sewers, and sewage treatment plants. Exposure to hydrogen sulfide can result in nuisance odors, as well as headaches and breathing difficulties at higher concentrations.

**Visibility-Reducing Particles.** Visibility-reducing particles are any particles in the air that obstruct the range of visibility. Effects of reduced visibility can include obscuring the viewshed of natural scenery, reducing airport safety, and discouraging tourism. Sources of visibility-reducing particles are the same as for $PM_{2.5}$.

## Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 700 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) seeks to identify and evaluate risk from air toxics sources; however, AB 2588 does not regulate air toxics emissions. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, are required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines. The regulation was anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. All of these regulations and programs have timetables by which

manufacturers must comply and existing operators must upgrade their diesel powered equipment. Several Airborne Toxic Control Measures that reduce diesel emissions including In-Use Off-Road Diesel-Fueled Fleets (13 CCR § 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR § 2025).

### California Health and Safety Code Section 41700

This section of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any of those persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

## 2.2.3 Local

### San Diego Air Pollution Control District

While CARB is responsible for the regulation of mobile emission sources within the state, local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. The Project site is located within the SDAB and is subject to the guidelines and regulations of SDAPCD.

In San Diego County, $O_3$ and particulate matter are the pollutants of main concern, since exceedances of CAAQS for those pollutants are experienced here in most years. For this reason, the SDAB has been designated as a nonattainment area for the state $PM_{10}$, $PM_{2.5}$, and $O_3$ standards. The SDAB is also a federal $O_3$ attainment (maintenance) area for 1997 8-hour $O_3$ standard, a $O_3$ nonattainment area for the 2008 8-hour $O_3$ standard, and a CO maintenance area (western and central part of the SDAB only). The Project area is in the CO maintenance area.

### San Diego Association of Governments

SANDAG is the regional planning agency for the County and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SANDAG serves as the federally designated metropolitan planning organization for the County. With respect to air quality planning and other regional issues, SANDAG has prepared San Diego Forward: The Regional Plan (Regional Plan) for the San Diego region (SANDAG 2015). The Regional Plan combines the big-picture vision for how the San Diego region will grow over the next 35 years with an implementation program to help make that vision a reality. The Regional Plan, which includes the Federally mandated Regional Transportation Plan (RTP) and state required Sustainable Communities Strategy (SCS), is built on an integrated set of public policies, strategies, and investments to maintain, manage, and improve the transportation system so that it meets the diverse needs of the San Diego region through 2050.

With respect to air quality, the Regional Plan sets the policy context in which SANDAG participates and responds to the SDAPCD ’s air quality plans and builds on plan processes that are designed to meet health-based criteria pollutant standards in several ways (SANDAG 2015). First, it complements air quality plans by providing guidance and incentives for public agencies to consider best practices that support the technology-based control measures in air quality plans. Second, the Regional Plan emphasizes the need for better coordination of land use and transportation planning, which heavily influence the emissions inventory from the transportation sectors of the

economy. This also minimizes land use conflicts, such as residential development near freeways, industrial areas, or other sources of air pollution.

On February 26, 2021, SANDAG's Board of Directors adopted the final 2021 Regional Transportation Improvement Program (RTIP). The 2021 RTIP covers 5 fiscal years (FY 2021 through FY 2025) and incrementally implements the SANDAG 2019 Federal Regional Transportation Plan. The 2021 RTIP is designed to implement the region's overall strategy for providing mobility and improving the safety, condition, and efficiency of the transportation system while reducing transportation related air pollution. The 2021 RTIP incrementally implements San Diego Forward: The 2019 Federal Regional Transportation Plan, the long-range transportation plan for the San Diego region approved by the SANDAG Board of Directors on October 25, 2019.

## Federal Attainment Plans

In December 2016, the SDAPCD adopted an update to the Eight-Hour Ozone Attainment Plan for San Diego County (2008 $O_3$ NAAQS). The 2016 Final Eight-Hour Ozone Attainment Plan for San Diego County indicates that local controls and state programs would allow the region to reach attainment of the federal 8-hour $O_3$ standard (1997 $O_3$ NAAQS) by 2018 (SDAPCD 2016b). In this plan, SDAPCD relies on the Regional Air Quality Strategy (RAQS) to demonstrate how the region will comply with the federal $O_3$ standard. The RAQS details how the region will manage and reduce $O_3$ precursors ($NO_x$ and VOCs) by identifying measures and regulations intended to reduce these pollutants. The control measures identified in the RAQS generally focus on stationary sources; however, the emissions inventories and projections in the RAQS address all potential sources, including those under the authority of CARB and EPA. Incentive programs for reduction of emissions from heavy-duty diesel vehicles, off-road equipment, and school buses are also established in the RAQS.

Currently, the County is designated as moderate nonattainment for the 2008 $O_3$ NAAQS and maintenance for the 1997 $O_3$ NAAQS. As documented in the 2016 Final Eight-Hour Ozone Attainment Plan for San Diego County, the County has a likely chance of obtaining attainment due to the transition to low emission cars, stricter new source review rules, and continuing the requirement of general conformity for military growth and the San Diego International Airport. SDAPCD will also continue emission control measures including ongoing implementation of existing regulations in ozone precursor reduction to stationary and area-wide sources, subsequent inspections of facilities and sources, and the adoption of laws requiring Best Available Retrofit Control Technology for control of emissions (SDAPCD 2016b).

## State Attainment Plans

The SDAPCD and the San Diego Association of Governments (SANDAG) are responsible for developing and implementing the clean air plan for attainment and maintenance of the ambient air quality standards in the SDAB. The RAQS for the SDAB was initially adopted in 1991 and is updated on a triennial basis, most recently in 2020 (SDAPCD 2020). Approved by the District Board on October 14, 2020, and the California Air Resources Board on November 19, 2020, the plan was submitted by CARB on January 8, 2021 for EPA's consideration as a revision to the California State Implementation Plan (SIP) for attaining the ozone standards. The RAQS outlines SDAPCD's plans and control measures designed to attain the state air quality standards for $O_3$. The RAQS relies on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in the County and the cities in the County, to forecast future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends,

and land use plans developed by the County and the cities in the County as part of the development of their general plans (SANDAG 2017a, 2017b).

In January 2021, CARB submitted for EPA's consideration the revised California SIP. On July 12, 2021, the San Diego 2020 SIP was found complete by EPA. Under the Clean Air Act, the EPA has twelve months from the completeness date to take a final action on the 2020 SIP. As discussed in the 2020 RAQS, the results of modeling and Weight of Evidence analyses provide persuasive support to a conclusion that the emission control measures defined in the plan are sufficient to continue reducing ozone concentrations throughout San Diego County to the level of the 2008 ozone NAAQS by the conclusion of the 2026 ozone season, and to the level of the 2015 ozone NAAQS by the conclusion of the 2032 ozone season.

In regards to particulate matter emissions-reduction efforts, in December 2005, the SDAPCD prepared a report titled "Measures to Reduce Particulate Matter in San Diego County" to address implementation of Senate Bill (SB) 656 in the County (SB 656 required additional controls to reduce ambient concentrations of $PM_{10}$ and $PM_{2.5}$) (SDAPCD 2005). In the report, SDAPCD evaluated implementation of source-control measures that would reduce particulate matter emissions associated with residential wood combustion; various construction activities including earthmoving, demolition, and grading; bulk material storage and handling; carry-out and track-out removal and cleanup methods; inactive disturbed land; disturbed open areas; unpaved parking lots/staging areas; unpaved roads; and windblown dust (SDAPCD 2005).

### SDAPCD Rules and Regulations

As stated previously, SDAPCD is responsible for planning, implementing, and enforcing federal and state ambient standards in the SDAB. The following rules and regulations apply to all sources in the jurisdiction of SDAPCD:

- **SDAPCD Regulation IV: Prohibitions; Rule 50: Visible Emissions.** Prohibits any activity causing air contaminant emissions darker than 20% opacity for more than an aggregate of 3 minutes in any consecutive 60-minute time period. In addition, Rule 50 prohibits any diesel pile-driving hammer activity causing air contaminant emissions for a period or periods aggregating more than 4 minutes during the driving of a single pile (SDAPCD 1997).
- **SDAPCD Regulation IV: Prohibitions; Rule 51: Nuisance.** Prohibits the discharge, from any source, of such quantities of air contaminants or other materials that cause or have a tendency to cause injury, detriment, nuisance, annoyance to people and/or the public, or damage to any business or property (SDAPCD 1976).
- **SDAPCD Regulation IV: Prohibitions; Rule 55: Fugitive Dust.** Regulates fugitive dust emissions from any commercial construction or demolition activity capable of generating fugitive dust emissions, including active operations, open storage piles, and inactive disturbed areas, as well as track-out and carry-out onto paved roads beyond a project site (SDAPCD 2009b).
- **SDAPCD Regulation IV: Prohibitions; Rule 67.0.1: Architectural Coatings.** Requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories (SDAPCD 2015).

### Santee General Plan

The City of Santee General Plan serves as a long-term policy guide for physical, economic, and environmental growth. It is a statement of the community's vision for ultimate growth. State law requires that every city prepare and adopt a comprehensive long-range plan to serve as a guide for the development of the community. City actions, such as those relating to land use allocations, annexations, zoning, subdivision and design review, redevelopment and capital improvements must be consistent with the General Plan. Applicable policies related to improving air quality include the following.

#### MOBILITY ELEMENT

Streets and Freeway System, Objective 2.0: Transportation network, consisting of local roads, collectors, arterials, freeways and transit services, in a manner that promotes the health and mobility of Santee residents and that meets future circulation needs, provides access to all sectors of the City , and supports established and planned land uses.

> Policy 2.9: The City should work with the region to develop traffic and congestion management programs to improve commute times and improve air quality.

Transportation Demand Management Objective 9.0: Increased use of alternative modes of travel to reduce peak hour vehicular trips, save energy, and improve air quality.

> Policy 9.1: The City shall encourage and provide for Ride Sharing, Park ‘n Ride, and other similar commuter programs that eliminate vehicles from freeways and arterials.

> Policy 9.2: The City should encourage businesses to provide flexible work schedules for employees.

> Policy 9.3: The City should encourage employers to offer shared commute programs and/or incentives for employees to use transit.

> Policy 9.4: The City should encourage the use of alternative transportation modes, such as walking, cycling and public transit. The City should maintain and implement the policies and recommendations of the Bicycle Master Plan and Safe Routes to School Plan to improve safe bicycle and pedestrian access to major destinations.

> Policy 9.5: The City should improve safety of walking and biking environment around schools to reduce school-related vehicle trips.

### City of Santee Active Santee Plan, January 2021

Objective 8.0 Increased use of alternative modes of travel to schools to reduce peak hour vehicular trips, save energy, and improve air quality around schools.

### Sustainable Santee Plan

The City adopted the Sustainable Santee Plan in December of 2019 (City of Santee 2019). The Sustainable Santee Plan serves as the City's climate action plan (CAP) with the primary purpose or goals as follows:

1. Present the City's plan for achieving sustainability by utilizing resources efficiently, reducing greenhouse gas emissions, and preparing for potential climate-related impacts.
2. Identify hour the City will effectively implement this Sustainable Santee Plan by obtaining funding for program implementation and tracking and monitoring the progress of the Plan implementation over time.
3. Allow streamlined CEQA compliance for new development by preparing an Environmental Impact Report for the Plan and developing tools that provide clear guidance to developers and other project proponents
4. Maintain economic competitiveness within the region.

The Sustainable Santee Action Plan Project Consistency Checklist (Checklist) is intended to be a tool for development projects to demonstrate consistency with Santee's (City's) Sustainable Santee Action Plan, which is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with California Environmental Quality Act (CEQA) Guidelines Section 15183.5. This Checklist has been developed as part of the Sustainable Santee Action Plan implementation and monitoring process and will support the achievement of individual GHG reduction measures as well as the City's overall GHG reduction goals. In addition, this Checklist will further the City's sustainability goals and policies that encourage sustainable development and aim to conserve and reduce the consumption of resources, such as energy and water, among others.

## 2.3 Regional and Local Air Quality

### 2.3.1 SDAB Attainment Designation

Pursuant to the 1990 CAA Amendments, EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. As previously discussed, these standards are set by EPA or CARB for the maximum level of a given air pollutant that can exist in the outdoor air without unacceptable effects on human health or the public welfare. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable."

The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on the CAAQS rather than the NAAQS.

Table 2 summarizes SDAB's federal and state attainment designations for each of the criteria pollutants.

**Table 2. SDAB Attainment Designation**

| Pollutant | Federal Designation | State Designation |
|---|---|---|
| $O_3$ (8-hour) | **Nonattainment** | **Nonattainment** |
| $O_3$ (1-hour) | Attainment[a] | **Nonattainment** |
| CO | Attainment | Attainment |
| $PM_{10}$ | Unclassifiable[b] | **Nonattainment** |
| $PM_{2.5}$ | Attainment | **Nonattainment**[c] |
| $NO_2$ | Attainment | Attainment |
| $SO_2$ | Attainment | Attainment |
| Lead | Attainment | Attainment |
| Sulfates | (No federal standard) | Attainment |
| Hydrogen sulfide | (No federal standard) | Unclassified |
| Visibility-reducing particles | (No federal standard) | Unclassified |
| Vinyl chloride | (No federal standard) | No designation |

**Sources:** SDAPCD 2022b
**Definitions:** attainment = meets the standards; nonattainment = does not meet the standards; unclassified or unclassifiable = insufficient data to classify
**Notes**: SDAB = San Diego; $O_3$ = ozone; CO = carbon monoxide; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; $NO_2$ = nitrogen dioxide; $SO_2$ = sulfur dioxide.

[a] The federal 1-hour standard of 0.12 parts per million (ppm) was in effect from 1979 through June 15, 2005. The revoked standard is referenced here because it was employed for such a long period and because this benchmark is addressed in SIPs.

[b] At the time of designation, if the available data does not support a designation of attainment or nonattainment, the area is designated as unclassifiable.

[c] CARB has not reclassified the region to attainment yet due to (1) incomplete data, and (2) the use of non-California Approved Samplers (CAS). While data collected does meet the requirements for designation of attainment with federal $PM_{2.5}$ standards, the data completeness requirements for state $PM_{2.5}$ standards substantially exceed federal requirements and mandates, and have historically not been feasible for most air districts to adhere to given local resources. APCD has begun replacing most regional filter-based $PM_{2.5}$ monitors as they reach the end of their useful life with continuous $PM_{2.5}$ air monitors to ensure collected data meets stringent completeness requirements in the future. APCD anticipates these new monitors will be approved as "CAS" monitors once CARB review the list of approved monitors, which has not been updated since 2013.

### 2.3.2 Air Quality Monitoring Data

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. Local ambient air quality is monitored by SDAPCD. SDAPCD operates a network of ambient air monitoring stations throughout the County that measure ambient concentrations of pollutants and determine whether the ambient air quality meets the CAAQS and the NAAQS. The nearest SDAPCD-operated monitoring station is the El Cajon monitoring station located at 533 First Street, El Cajon. This site was used to show the background ambient air quality for Ozone, $NO_2$ CO, $SO_2$, $PM_{10}$, and $PM_{2.5}$. The most recent background ambient air quality data and number of days exceeding the ambient air quality standards from 2020 to 2022 are presented in Table 3.

## Table 3. Local Ambient Air Quality Data

| Averaging Time | Unit | Agency/ Method | Ambient Air Quality Standard | Measured Concentration by Year | | | Exceedances by Year | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 2020 | 2021 | 2022 | 2020 | 2021 | 2022 |
| **Ozone ($O_3$) – El Cajon – First Street; Floyd Smith Drive** | | | | | | | | | |
| Maximum 1-hour concentration | ppm | State | 0.09 | 0.094 | 0.088 | 0.100 | 0 | 0 | 1 |
| Maximum 8-hour concentration | ppm | State | 0.070 | 0.083 | 0.077 | 0.088 | 14 | 3 | 2 |
| | | Federal | 0.070 | 0.083 | 0.076 | 0.088 | 14 | 3 | 2 |
| **Nitrogen Dioxide (NO2) – El Cajon – First Street; Floyd Smith Drive** | | | | | | | | | |
| Maximum 1-hour concentration | ppm | State | 0.18 | 0.044 | 0.038 | 0.037 | 0 | 0 | 0 |
| | | Federal | 0.100 | 0.044 | 0.038 | 0.037 | 0 | 0 | 0 |
| Annual concentration | ppm | State | 0.030 | 0.008 | 0.006 | 0.008 | — | — | -- |
| | | Federal | 0.053 | 0.008 | 0.006 | 0.008 | — | — | -- |
| **Carbon Monoxide (CO) – El Cajon – First Street; Floyd Smith Drive** | | | | | | | | | |
| Maximum 1-hour concentration | ppm | State | 20 | 1.5 | 1.2 | 1.4 | 0 | 0 | 0 |
| | | Federal | 35 | 1.5 | 1.2 | 1.4 | 0 | 0 | 0 |
| Maximum 8-hour concentration | ppm | State | 9.0 | 1.4 | 1.1 | 1.1 | 0 | 0 | 0 |
| | | Federal | 9 | 1.4 | 1.1 | 1.1 | 0 | 0 | 0 |
| **Sulfur Dioxide (SO2) – El Cajon – First Street; Floyd Smith Drive** | | | | | | | | | |
| Maximum 1-hour concentration | ppm | Federal | 0.075 | 0.0017 | 0.0016 | 0.0008 | 0 | 0 | 0 |
| Maximum 24-hour concentration | ppm | Federal | 0.14 | 0.0004 | 0.0003 | 0.003 | 0 | 0 | 0 |
| Annual concentration | ppm | Federal | 0.030 | 0.00009 | 0.00006 | 0.00006 | 0 | 0 | 0 |
| **Coarse Particulate Matter (PM10)a – El Cajon – First Street; Floyd Smith Drive** | | | | | | | | | |
| Maximum 24-hour concentration | µg/m³ | State | 50 | 55 | 40 | 44 | 0.0 (0) | 0.0 (0) | 0.0 (0) |
| | | Federal | 150 | 55 | 40 | 44 | 0.0 (0) | 0.0 (0) | 0.0 (0) |
| Annual concentration | µg/m³ | State | 20 | 23 ** | 23 ** | * | — | — | — |
| **Fine Particulate Matter ($PM_{2.5}$)[a] – El Cajon – First Street; Floyd Smith Drive** | | | | | | | | | |
| Maximum 24-hour concentration | µg/m³ | Federal | 35 | 38.2 | 30.2 | 26.4 | 2.2 | 0 | 0 |
| Annual concentration | µg/m³ | State | 12 | 11.5 | 10.3 | * | 0.0 (0) | 0.0 (0) | * |
| | | Federal | 12.0 | 10.3 | 9.7 | 9.4 | 0.0 (0) | 0.0 (0) | 0.0 (0) |

**Sources:** CARB 2023c; EPA 2023.

**Notes:** ppm = parts per million; — = not available; µg/m³ = micrograms per cubic meter;

Data taken from CARB iADAM (CARB 2019c) and EPA AirData (EPA 2019) represent the highest concentrations experienced over a given year. Daily exceedances for particulate matter are estimated days because $PM_{10}$ and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed federal or state standards during the years shown. There is no federal standard for 1-hour $O_3$, annual $PM_{10}$, or 24-hour $SO_2$, nor is there a state 24-hour standard for $PM_{2.5}$.
Camp Pendleton monitoring station is located at 21441 West B Street, Camp Pendleton, California.
El Cajon – First Street monitoring station is located at 533 First Street, El Cajon, California.
El Cajon – Floyd Smith Drive monitoring station is located at 10537 Floyd Smith Drive, El Cajon, California.
[a] Measurements of $PM_{10}$ and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.
* There was insufficient (or no) data available to determine the value.
** Most recent data for PM10 at monitor location for annual are years 2017 and 2018.

# 2.4 Significance Criteria and Methodology

## 2.4.1 Thresholds of Significance

The State of California has developed guidelines to address the significance of air quality impacts based on Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.), which provides guidance that a project would have a significant environmental impact if it would:

1. Conflict with or obstruct implementation of the applicable air quality plan.
2. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.
3. Expose sensitive receptors to substantial pollutant concentrations.
4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

Appendix G of the CEQA Guidelines indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether a project would have a significant impact on air quality.

As part of its air quality permitting process, the SDAPCD has established thresholds in Rule 20.2 requiring the preparation of Air Quality Impact Assessments for permitted stationary sources. The SDAPCD sets forth quantitative emission thresholds below which a stationary source would not have a significant impact on ambient air quality. Project-related air quality impacts estimated in this environmental analysis would be considered significant if any of the applicable significance thresholds presented in Table 4 are exceeded.

For CEQA purposes, these screening criteria can be used as numeric methods to demonstrate that the Project's total emissions would or would not result in a significant impact to air quality.

**Table 4. SDAPCD Air Quality Significance Thresholds**

| Construction Emissions | |
|---|---|
| **Pollutant** | **Total Emissions (Pounds per Day)** |
| Coarse particulate matter ($PM_{10}$) | 100 |
| Fine particulate matter ($PM_{2.5}$) | 55 |
| Oxides of nitrogen ($NO_x$) | 250 |

## Table 4. SDAPCD Air Quality Significance Thresholds

| | | | |
|---|---|---|---|
| Sulfur oxides ($SO_x$) | 250 | | |
| Carbon monoxide (CO) | 550 | | |
| Volatile organic compounds (VOCs) | 75* | | |
| **Operational Emissions** | | | |
| | **Total Emissions** | | |
| **Pollutant** | **Pounds per Hour** | **Pounds per Day** | **Tons per Year** |
| Coarse particulate matter ($PM_{10}$) | — | 100 | 15 |
| Fine particulate matter ($PM_{2.5}$) | — | 55 | 10 |
| Oxides of nitrogen ($NO_x$) | 25 | 250 | 40 |
| Sulfur oxides ($SO_x$) | 25 | 250 | 40 |
| Carbon monoxide (CO) | 100 | 550 | 100 |
| Lead and lead compounds | — | 3.2 | 0.6 |
| Volatile organic compounds (VOCs) | — | 75* | 13.7 |

**Source:** SDAPCD 2016a.
**Notes:** SDAPCD = San Diego Air Pollution Control District.
* VOC threshold based on the threshold of significance for VOCs from the South Coast Air Quality Management District (SCAQMD) for the Coachella Valley as stated in the San Diego County Guidelines for Determining Significance.

The thresholds listed in Table 4 represent screening-level thresholds that can be used to evaluate whether Project-related emissions would cause a significant impact on air quality. Emissions below the screening-level thresholds would not cause a significant impact. In the event that emissions exceed these thresholds, modeling would be required to demonstrate that the Project's total air quality impacts result in ground-level concentrations that are below the CAAQS and NAAQS, including appropriate background levels. For non-attainment pollutants, if emissions exceed the thresholds shown in Table 4, the Project could have the potential to result in a cumulatively considerable net increase in these pollutants and thus could have a significant impact on the ambient air quality.

SDAPCD Rule 51 (Public Nuisance) prohibits emission of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person (SDAPCD 1976). A project that proposes a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors.

## 2.4.2 Approach and Methodology

### Construction Mass Emissions

Emissions from the construction phase of Project components were estimated using the California Emissions Estimator Model (CalEEMod) Version 2022.1.1.19. Per preliminary project details, it is assumed that construction of the Project would begin in June 2024[3] and would last approximately 15 months.

Table 5 provides the construction timeline, potential phasing, construction equipment mix, and vehicle trips assumed for estimating Project-generated construction emissions. The construction schedule has been developed based on available information provided by the Project applicant, typical construction practices, and CalEEMod default assumptions. Construction phasing is intended to represent a schedule of anticipated activities for use in estimating potential Project-generated construction emissions.

**Table 5. Construction Scenario Assumptions**

| Construction Phase (Duration) | Vehicle Trips | | | Equipment | | |
|---|---|---|---|---|---|---|
| | Average Daily Worker Trips | Average Daily Vendor Truck Trips | Total Haul Truck Trips | Equipment Type | Quantity | Usage Hours |
| Demolition | 16 | 4 | 184 | Concrete/Industrial Saws | 1 | 8 |
| | | | | Excavators | 3 | 8 |
| | | | | Rubber Tired Dozers | 2 | 8 |
| | | | | Asphalt Crusher (Other Construction Equipment) | 1 | 8 |
| Grading | 20 | 4 | 0 | Excavators | 2 | 8 |
| | | | | Graders | 1 | 8 |
| | | | | Rubber Tired Dozers | 1 | 8 |
| | | | | Scrapers | 2 | 8 |
| | | | | Tractors/Loaders/Backhoes | 2 | 8 |
| Building Construction | 126 | 50 | 0 | Cranes | 1 | 7 |
| | | | | Forklifts | 3 | 8 |
| | | | | Generator Sets | 1 | 8 |
| | | | | Tractors/Loaders/Backhoes | 3 | 7 |
| | | | | Welders | 1 | 8 |
| Paving | 16 | 0 | 0 | Pavers | 2 | 8 |
| | | | | Paving Equipment | 2 | 8 |
| | | | | Rollers | 2 | 8 |

[3] At the time this Air Quality and Green House Gas modelling was initiated, the analysis assumed a construction start date of July 2023. While past, it represented the earliest date construction could have been initiated. It is assumed that the earliest start date for construction represents the worst-case scenario for criteria air pollutant and GHG emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years. Therefore, the conclusions of the analysis are more conservative than analyses prepared for later years.

**Table 5. Construction Scenario Assumptions**

| Construction Phase (Duration) | Vehicle Trips | | | Equipment | | |
|---|---|---|---|---|---|---|
| | Average Daily Worker Trips | Average Daily Vendor Truck Trips | Total Haul Truck Trips | Equipment Type | Quantity | Usage Hours |
| Architectural Coating | 26 | 0 | 0 | Air Compressors | 1 | 6 |

**Note:** See Appendix A for additional details.

The equipment mix assumptions were based on CalEEMod default assumptions based on proposed land use, and is meant to represent a reasonably conservative estimate of construction activity. During the demolition phase of construction asphalt crushing was modeled as other construction equipment for engine emissions and fugitive particulate emissions were estimated through EPA emission factors outside of CalEEMod and provide in the Appendix. For the analysis, it is generally assumed that heavy construction equipment would be operating at the site for approximately 8 hours per day, 5 days per week. Default assumptions provided in CalEEMod were used to determine worker trips and vendor truck trips for each potential construction phase. The default CalEEMod trip distance for construction vehicles was assumed, which was a one-way distance of 11.97 miles for worker trips, 7.63 miles for vendor truck trips, and 20 miles for haul truck trips.

Implementation of the Project would generate criteria air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Based on project specific information, grading materials would be balanced onsite. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in $PM_{10}$ and $PM_{2.5}$ emissions. Construction of Project components would be subject to SDAPCD Rule 55 – Fugitive Dust Control. Compliance with Rule 55 would limit fugitive dust ($PM_{10}$ and $PM_{2.5}$) that may be generated during grading and construction activities. Standard construction practices that would be employed to reduce fugitive dust emissions include watering of the active sites two times per day, depending on weather conditions.

Internal combustion engines used by construction equipment, vendor trucks (i.e., delivery trucks), haul trucks, and worker vehicles would result in emissions of VOCs, $NO_x$, CO, $PM_{10}$, and $PM_{2.5}$. The application of architectural coatings, such as exterior application/interior paint and other finishes, and application of asphalt pavement would also produce VOC emissions; however, the contractor is required to procure architectural coatings from a supplier in compliance with the requirements of SDAPCD Rule 67.0.1 for Architectural Coatings.

For additional details see Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output Files*.

### Construction Health Risk Analysis

An HRA was performed to assess the impact of construction on sensitive receptors proximate to the Project site. This report includes an HRA associated with emissions from construction of the proposed Project based on the methodologies prescribed in the Office of Environmental Health Hazard Assessment (OEHHA) document, Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments (OEHHA Guidelines) (OEHHA 2015). To implement the OEHHA Guidelines based on proposed project information, the SDAPCD has developed a three-tiered approach where each successive tier is progressively more refined, with fewer conservative

assumptions. The SDAPCD document, Supplemental Guidelines for Submission of Air Toxics "Hot Spots" Program Health Risk Assessments (SDAPCD 2022), provides guidance with which to perform HRAs within the SDAB.

Health effects from carcinogenic air toxics are usually described in terms of cancer risk. The SDAPCD recommends a carcinogenic (cancer) risk threshold of 10 in one million. Additionally, some TACs increase non-cancer health risk due to long-term (chronic) exposures. The Chronic Hazard Index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. The SDAPCD recommends a Chronic Hazard Index significance threshold of one (project increment). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long-term chronic health hazard impacts. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in this assessment. The HRA for the Project evaluated the risk to existing off-site residents from diesel emissions from exhaust from on-site construction equipment and diesel haul and vendor trucks.

The dispersion modeling of DPM was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD), which is the model SDAPCD requires for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain (EPA 2021). For the Project, AERMOD was run with all sources emitting unit emissions (one gram per second) to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength and is used as a way to simplify the representation of emissions from many sources. The X/Q values of ground-level concentrations were determined for construction emissions using AERMOD and the maximum concentrations determined for the one-hour and period-averaging periods. Principal parameters of this modeling are presented in Table 6.

## Table 6. AERMOD Principal Parameters

| Parameter | Details |
|---|---|
| Meteorological Data | The latest three-year meteorological data (2019–2021) for the Lexington Elementary School Station were obtained from SDAPCD as the recommended meteorological station and input to AERMOD. |
| Terrain Characteristics | The elevation of the modeled site is about 100 meters above sea level. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. |
| Elevation Data | Digital elevation data were imported into AERMOD, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a 10-meter resolution. |
| Emission Sources and Release Parameters | Air dispersion modeling of DPM from construction equipment was conducted using emissions estimated using CalEEMod, assuming emissions would occur eight hours per day, five days per week. Vendor and hauling trips were modified to account only for emissions occurring within 1,000 ft of the Project site. The Project area was modeled as a series of adjacent line-volume sources. |
| Source Release Characterizations | The source release height was assumed to be 3.4 meters with plume height and width of 6.8 and 8.6 meters per volume source. |

Notes: AERMOD = American Meteorological Society/EPA Regulatory Model; SDAPCD = San Diego Air Pollution Control District; DPM = diesel particulate matter; CalEEMod = California Emissions Estimator Model.
See Appendix B for additional information.

Dispersion model plot files from AERMOD were then imported into CARB's Hotspots Analysis and Reporting Program (HARP) Version 2 (Version 22118) to determine health risk, which requires peak one-hour emission rates and annual emission rates for all pollutants for each modeling source. For the residential health risk, the HRA assumes exposure would start in the third trimester of pregnancy for a duration of 15 months.

## Operation

### Operation

Emissions from the operational phase of the Project were estimated using CalEEMod for operational year 2025.

#### Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with natural gas usage in space heating and water heating are calculated in the building energy use module of CalEEMod, as described in the following text.

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2021). Consumer product VOC emissions were estimated in CalEEMod based on the floor area of buildings and default factor of pounds of VOC per building square foot per day. The CalEEMod default values for consumer products were assumed.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings, such as in paints and primers used during building maintenance. CalEEMod calculates the VOC evaporative emissions from the application of surface coatings based on the VOC emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The VOC emissions factor is based on the VOC content of the surface coatings, and SDAPCD Rule 67.0.1, Architectural Coatings, governs the VOC content for interior and exterior coatings. CalEEMod default values were assumed, including the surface area to be painted, the VOC content of architectural coatings, and the reapplication rate of 10% of area per year.

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chainsaws, and hedge trimmers. The emissions associated with landscape equipment use were estimated based on CalEEMod default values for emission factors (grams per square foot of building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days.

#### Mobile Sources

The Project would generate criteria pollutant emissions from mobile sources (vehicular traffic) as a result of the employee passenger vehicles (workers) and truck traffic associated with the operation of the warehouse.

Emissions from the mobile sources during operation of the Project were estimated in CalEEMod. The maximum daily trip rates, taken from the Project transportation analysis, were 1,011 primary trips per day, which were assumed 7

days per week. The passenger vehicle trip lengths were assumed to be CalEEMod default trip length of 11. miles for commercial-work trips (i.e., trips made by someone who is employed by the warehouse land use) and assumed to be 100% of primary trips. The light-duty, medium-heavy-duty, and heavy-duty truck trip lengths were based on the 40 miles and assumed to be 100% of primary trips. Vehicle emissions occur during startup, operation (running), and idling, as well as from evaporative losses when the engines are resting. The emissions factors for trucks and passenger vehicles were determined using CalEEMod.

To identify an appropriate trip length assumption for heavy-duty truck trips a project-specific EMFAC-based estimate was performed. EMFAC data and the distance to the Otay Mesa Port of Entry was examined. EMFAC data was queried for San Diego County for operational year 2025 for light-heavy duty (LHDT1 and LHDT2), medium heavy duty (MHDT), and heavy-heavy duty trucks (HHDT) for total vehicle miles traveled (VMT) and number of vehicle trips. Based on the EMFAC data it is estimated that MHDTs average 3.6 miles per trip and HHDTs average 8.21 miles per trip in San Diego County. LHDT1 and LHDT2s have a shorter EMFAC trip distance compared to MHDT, therefore, as a conservative assumption, LHDT1 and LHDT2 were assumed to have the same trip distance as MHDTs. The estimated trip distance from the Otay Mesa Port of Entry to the Project was estimated to be 37 miles. Based on the EIR's transportation analysis, HHDT make up 62.6% of the total truck trips for the Project and LHDT1, LHDT2, and MHDTs make up 37.4% of truck trips. Conservatively assuming all HHDTs originate from the Otay Mesa Port of Entry, then 50% of HHDT truck trips, arrival trips, are assumed to be of a distance of 37 miles. The other 50% making up the HHDT departure from the Project are assumed to have trip distance equal to the average EMFAC San Diego County trip distance of 8.21 miles. To determine an average total truck distance for use in CalEEMod HHDT trips are averaged with the other 37.4% of the trucks (and LHDT1, LHDT2, and MHDTs) to determine an overall weighted average truck trip distance equal to 32 miles. See Table 7 for calculation details.

## Table 7. Operational Truck Trip Distance

| Vehicle | Percent of Trucks Trips (%)[1] | EMFAC Data | | | Trip Distance |
|---|---|---|---|---|---|
| | | EMFAC Truck Classification | County-wide VMT | County-wide Vehicle Trips | VMT per Trip |
| 2-4 Axle Trucks (Arriving and Departing) | 37.4 | LHDT1, LHDT2, and MHDT | 755,339[2] | 209,690[2] | 3.60 |
| 5+ Axle Trucks (Arriving from Port) | 31.3 (50% of total HHDT Trips[4]) | HHDT | N/A | N/A | 37[3] |
| 5+ Axle Trucks (Departing) | 31.3 (50% of total HHDT Trips[4]) | HHDT | 1,900,421 | 231,587 | 8,21 |
| | | | | **Weighted Average (All Truck Trips)** | **14.74** |

**Notes:**

1 Based on project traffic impact analysis, Appendix I.

2 LHDT1, LHDT2, and MHDT conservatively based on EMFAC VMT and Trip data for MHDT.

3 Based on the distance from the project site to the Otay Mesa Port of Entry.

4 Percent of truck trips represents arrival and departure trips, therefore 50% of trips (arrival) conservatively assumed to originate at the Otay Mesa Port of Entry. 50% of trips assumed to depart the project facility and estimated truck trip distance is based on EMFAC county-wide average HHDT truck VMT per trip.

Project truck idling would be limited to 5 minutes in accordance with CARB's adopted Airborne Toxic Control Measure; however, for HRA modeling purposes, it was conservatively assumed that the trucks would idle for a total of 15 minutes: 5 minutes at the entrance, 5 minutes at the loading dock, and 5 minutes at the exit of the Project site.

### Energy Source Emissions

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for greenhouse gas emissions in CalEEMod, since criteria pollutant emissions would occur at the site of power plants, which are not on the Project site. However, natural gas combustion would occur at the Project site itself, in association with equipment that uses natural gas. The emissions associated with natural gas use were calculated using CalEEMod default parameters, which assume compliance with the 2019 Title 24 Building Energy Efficiency Standards.

### Off-Road Equipment

It is common for industrial buildings to require cargo handling equipment to move empty containers and empty chassis to and from the various pieces of cargo handling equipment that receive and distribute containers. The most common type of cargo handling equipment are forklifts, pallet jacks, and yard trucks, which are designed for moving cargo containers. Yard trucks are also known as yard goats, utility tractors, hustlers, yard hostlers, and yard tractors. The cargo handling equipment is assumed to have a horsepower (hp) range of approximately 175 hp to 215 hp. For this particular Project, based on the maximum square footage of building space permitted by the Project, on-site modeled operational equipment includes a total of 36 Tier4i or better diesel fueled forklifts (forklifts and pallet jacks) and 1 Tier4i or better diesel fueled yard tractors operating at 8 hours a day for 365 days of the year.

For additional details see Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output File*s.

## Operational Heath Risk Assessment

CARB's Air Quality and Land Use Handbook: A Community Health Perspective encourages consideration of the health impacts of distribution centers that accommodate more than 100 trucks per day on sensitive receptors sited within 1,000 feet from the source in the land use decision-making process (CARB 2005). For the operational health risk, the operation year 2025 was assumed consistent with completion of Project construction. Emissions from the operation of the Project include truck trips, and truck idling emissions and emissions from the routing maintenance of the onsite emergency fire-water pump engine. For risk assessment purposes, $PM_{10}$ in diesel exhaust is considered DPM, originating mainly from trucks traveling on site and off site and truck idling located at the loading docks. Truck travel and idling emission rates were obtained from CARB's EMFAC2021. Emission factors representing the vehicle mix and emissions for 2025 were used to estimate emissions associated with operation of the Project. Truck idling would be limited to 5 minutes in accordance with CARB's adopted Airborne Toxic Control Measure; however, truck idling was conservatively assumed to idle for 15 minutes.[4] Therefore, the analysis conservatively overestimates DPM emissions from idling. All deliveries would occur Monday through Sunday.

[4] Although the project is required to comply with CARB's idling limit of 5 minutes, on-site idling emissions was estimated for 15 minutes of truck idling, which would take into account on-site idling while the trucks are waiting to pull up to the loading dock, idling at the loading dock, and idling during check-in and check-out.

Conservatively, a 2025 EMFAC2021 run was conducted and a constant 2025 emission factor data set was used for the entire duration of the analysis (i.e., 30 years). Use of the 2025 emission factors would overstate potential impacts since this approach does not include reductions in emissions due to fleet turnover or cleaner technology with lower emissions. The truck travel DPM emissions were calculated by applying the exhaust $PM_{10}$ emission factor from EMFAC2021 and the total truck trip number over the length of the distance traveled. In addition, the on-site truck idling exhaust emissions were calculated by applying the idle exhaust $PM_{10}$ emission factor from EMFAC2021 and total truck trip over the total idling time (i.e., 15 minutes).

The dispersion modeling was performed to estimate emissions at proximate receptors using AERMOD (Version 13.0.0). The truck traffic was modeled as a line of adjacent volume sources with a trip distribution consistent with the traffic analysis including 90 percent (%) truck trips to and from Highway 52 to the Project site via Highway 67 and 10 % of truck trips traveling to and from north of the project site via Highway 67. Truck idling was modeled as line volume sources.

As previously described, health effects from carcinogenic air toxics are usually described in terms of cancer risk. The SDAQMD recommends a carcinogenic (cancer) risk threshold of 10 in one million. Some TACs increase noncancer health risk due to long-term (chronic) exposures. A hazard index less than one (1.0) means that adverse health effects are not expected. Within this analysis, noncarcinogenic exposures of less than 1.0 are considered less than significant. The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long-term chronic health hazard impacts. No short-term, acute relative exposure values are established and regulated and are therefore not addressed in this assessment.

Dudek evaluated the Project's potential cancer and noncancer health impacts using exposure periods appropriate to evaluate long-term emission increases (third trimester of pregnancy to 30 years). Emissions dispersion of DPM was modeled using AERMOD, then cancer risk and noncancer health impacts subsequently using the CARB HARP2 (ADMRT, Version 22118). The health risk results were then compared to SDAQMD thresholds to assess Project significance. Principal parameters of this modeling are presented in Table 8.

### Table 8. Operational Health Risk Assessment American Meteorological Society/U.S. Environmental Protection Agency Regulatory Model Operational Principal Parameters

| Parameter | Details |
|---|---|
| Meteorological Data | The latest three-year meteorological data (2019–2021) for the Lexington Elementary School Station were obtained from SDAPCD as the recommended meteorological station and input to AERMOD. |
| Terrain Characteristics | The elevation of the modeled site is about 100 meters above sea level. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. Digital elevation data were imported into AERMOD, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a 10-meter resolution. |
| Emission Sources and Release Parameters | Air dispersion modeling of off-site and on-site truck travel and were conducted using emissions generated using EMFAC2021. Truck idling equipment emissions were estimated using EMFAC2021. |

**Table 8. Operational Health Risk Assessment American Meteorological Society/U.S. Environmental Protection Agency Regulatory Model Operational Principal Parameters**

| Parameter | Details |
|---|---|
| Source Release Characterizations | Off-site and on-site truck travel were modeled as a line of adjacent volume sources, with a release height of 3.4 meters, a plume height of 6.8 meters, and a plume width of 13.4 meters. The truck idling emissions were modeled as a line of adjacent volume sources with a plume height of 8 meters, plume width of 8.6 meters, and release height of 4 meters. Emergency Fire-Water Pump Engine was modeled as a point source exiting the warehouse roof, with stack height of 55 feet and stack diameter of 8 inches. |

**Source:** See Appendix B.
**Note:** AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model

### Combined Construction and Operational Health Risk Analysis

While The SDAQMD does not specifically recommend a combined construction and operational HRA, the analysis provided for informational purposes. The combined HRA analysis adds each common receptor impacts of construction and operation together to form a combined impact. The operational health risk analysis begins after construction HRA at approximately 15 months and concludes at a combined 30 years.

## 2.5 Impact Analysis

### 2.5.1 Would the Project conflict with or obstruct implementation of the applicable air quality plan?

#### Analysis

As stated in Section 4.3, Local, SDAPCD and SANDAG are responsible for developing and implementing the clean air plans for attainment and maintenance of the NAAQS and CAAQS in the SDAB; specifically, the SIP and RAQS.[5] The federal $O_3$ maintenance plan, which is part of the SIP, was adopted in 2016. The SIP includes a demonstration that current strategies and tactics will maintain acceptable air quality in the SDAB based on the NAAQS. The RAQS was initially adopted in 1991 and is updated every 3 years. The RAQS outlines SDAPCD's plans and control measures designed to attain the CAAQS for $O_3$. The SIP and RAQS rely on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in San Diego County and the cities in the County, to project future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by San Diego County and the cities in the County as part of the development of their general plans.

The most recent update, the 2022 Regional Air Quality Strategy, was finalized in 2023. The 2022 RAQS contains strategies to continue directly reducing emissions of ozone precursors in San Diego County, and assist in reducing particulate matter and Greenhouse Gases as a co-benefit. Consistent with the District's recent reorganization pursuant to Assembly Bill (AB) 423 (Gloria, 2019), the 2022 RAQS also proposes to expand the District's

[5] For the purpose of this discussion, the relevant federal air quality plan is the $O_3$ maintenance plan (SDAPCD 2016b). The RAQS is the applicable plan for purposes of state air quality planning. Both plans reflect growth projections in the SDAB.

involvement as a regional agency within our regulatory authority, by including commitments to support research and innovation opportunities, developing new partnerships with public and private entities, convening more opportunities for engagement and education with stakeholders, and integrating environmental justice and equity into all District actions.

If a project proposes development that is greater than that anticipated in the local plan and SANDAG's growth projections, the project might be in conflict with the SIP and RAQS and may contribute to a potentially significant cumulative impact on air quality. The City of Santee General Plan identifies the site as Light Industrial. The existing land use designation and zoning allows for wide range of industrial uses, including warehouse, storage and distribution facilities. The Project is consistent with the underlying land use and zoning for the Project.

### Conclusion

The Project is consistent with the underlying land use and zoning for the Project site. Therefore, the Project source emissions are not anticipated to result in air quality impacts that were not previously envisioned in the growth projections and RAQS and implementation of the Project would not result in development in excess of that anticipated in local plans or increases beyond those contemplated by SANDAG. Because the proposed land uses and associated vehicle trips are anticipated in local air quality plans, the Project would be consistent at a regional level with the underlying growth forecasts in the RAQS. Accordingly, the Project would not conflict with and would not obstruct implementation of applicable local and regional air quality plans; impacts would be **less than significant**.

## 2.5.2 Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SDAPCD develops and implements plans for future attainment of the NAAQS and CAAQS. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether the project's individual emissions would have a cumulatively significant impact on air quality.

### Construction

Construction of the Project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (vendor and haul truck trips, and worker vehicle trips). Construction emissions can vary substantially day to day, depending on the level of activity, the specific type of operation, and for dust, the prevailing weather conditions.

Criteria air pollutant emissions associated with construction activities were quantified using CalEEMod Default values provided by the program were used where detailed Project information was not available. A detailed description of the construction schedule—including information regarding phasing, equipment used during each phase, haul trucks, vendor trucks, and worker vehicles—is included in Section 2.4.2. above.

Development of the Project would generate air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, asphalt pavement application, and architectural coatings. Fugitive dust would be limited through

compliance with SDAPCD Rule 55, which requires the restriction of visible emissions of fugitive dust beyond the property line through watering exposed areas of the Project site at least 2 times per day and limiting vehicle travel to ten miles per hour on unpaved roads.

Table 9 shows the estimated maximum unmitigated daily construction emissions associated with the conceptual construction phases of the Project. Complete details of the emissions calculations are provided in Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output Files*.

**Table 9. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions**

| Construction Year | VOC | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Pounds per Day | | | | | |
| 2024 | 1.26 | 31.6 | 36.4 | 0.12 | 16.35 | 3.24 |
| 2025 | 58.80 | 11.4 | 21.6 | 0.03 | 1.52 | 0.46 |
| **Maximum** | **58.80** | **31.6** | **36.4** | **0.12** | **16.35** | **3.24** |
| *SDAPCD threshold* | *75* | *250* | *550* | *250* | *100* | *55* |
| **Threshold exceeded?** | No | No | No | No | No | No |

**Notes:** VOC = volatile organic compound; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SDAPCD = San Diego Air Pollution Control District.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod.

As shown in Table 9, daily construction emissions for the Project would not exceed SDAPCD's significance thresholds for any criteria air pollutant. Therefore, the Project would have a **less than significant impact** related to emissions of criteria air pollutant emissions during construction.

## Operations

Operation of the Project would generate VOC, $NO_x$, CO, $SO_x$, $PM_{10}$, and $PM_{2.5}$ emissions from mobile sources (vehicle trips), cargo handling equipment, area sources (consumer products, landscape maintenance equipment), routine maintenance of the emergency fire-water pump engine and energy sources. As discussed in Section 2.4.2., pollutant emissions associated with long-term operations were quantified using CalEEMod and include warehouse land use. Future tenants/users are not yet known, nevertheless, the SDAPCD has the air permitting authority for any stationary sources that may be identified by future tenants. The Project includes an onsite fire-water pump engine and associated emissions were estimated with CalEEMod. Project-generated mobile source emissions were estimated in CalEEMod based on project-specific trip rates. CalEEMod default values were used to estimate emissions from the Project area and energy sources. The Project includes project design features (PDFs) that require the cargo handling equipment including forklifts (forklifts and pallet jacks) and yard tractors for facility operation to be Tier 4 Interim engines or better.

Table 10 presents the unmitigated maximum daily emissions associated with the operation of the Project in 2025 after all phases of construction have been completed. Complete details of the emissions calculations are provided in Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output Files*. Emissions represent maximum of summer and winter for each source regardless of season. "Summer" emissions are representative of the conditions that may occur during the $O_3$ season (May 1 to October 31), and "winter" emissions are representative of the conditions that may occur during the balance of the year (November 1 to April 30).

**Table 10. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions**

| Source | VOC | $NO_x$ | CO | $SO_x$ | $PM_{10}$ | $PM_{2.5}$ |
|---|---|---|---|---|---|---|
| | Pounds per Day | | | | | |
| Area | 8.99 | 0.11 | 13.1 | <0.005 | 0.02 | 0.02 |
| Energy | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | 0.09 |
| Mobile | 2.25 | 18.0 | 25.90 | 0.17 | 8.58 | 2.38 |
| Stationary (Fire-water pump engine) | 0.82 | 2.29 | 2.09 | <0.005 | 0.12 | 0.12 |
| Off-Road (Cargo Handling) | 0.86 | 23.00 | 39.60 | 0.05 | 0.11 | 0.11 |
| **Total** | ***12.99*** | ***44.58*** | ***81.68*** | ***0.23*** | ***8.92*** | ***2.72*** |
| *SDAPCD threshold* | *75* | *250* | *550* | *250* | *100* | *55* |
| **Threshold exceeded?** | **No** | **No** | **No** | **No** | **No** | **No** |

**Notes:** VOC = volatile organic compound; $NO_x$ = oxides of nitrogen; CO = carbon monoxide; $SO_x$ = sulfur oxides; $PM_{10}$ = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SDAPCD = San Diego Air Pollution Control District. <0.01 = reported value is less than 0.01.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod.

As shown in Table 10, daily operational emissions for the Project would not exceed SDAPCD's significance thresholds for any criteria air pollutant. Therefore, operation of the Project would not result in a net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard; impacts due to Project operation would be **less than significant.**

## Conclusion

In analyzing cumulative impacts from a project, the analysis must specifically evaluate the project's contribution to the cumulative increase in pollutants for which the SDAB is designated as nonattainment for the CAAQS and NAAQS. If the project does not exceed thresholds and is determined to have less than significant project-specific impacts, it may still contribute to a significant cumulative impact on air quality if the emissions from the project components, in combination with the emissions from other proposed or reasonably foreseeable future projects, are in excess of established thresholds. However, the Project would only be considered to have a significant cumulative impact if its contribution accounts for a significant proportion of the cumulative total emissions (i.e., it represents a "cumulatively considerable contribution" to the cumulative air quality impact).

Additionally, for the SDAB, the RAQS serves as the long-term regional air quality planning document for the purpose of assessing cumulative operational emissions within the basin to ensure the SDAB continues to make progress toward NAAQS and CAAQS attainment status. As such, cumulative projects located in the San Diego region would have the potential to result in a cumulative impact to air quality if, in combination, they would conflict with or obstruct implementation of the RAQS. Similarly, individual projects that are inconsistent with the regional planning documents on which the RAQS is based would have the potential to result in cumulative impacts if they represent development beyond regional projections.

The SDAB has been designated as a federal nonattainment area for $O_3$ and a state nonattainment area for $O_3$, $PM_{10}$, and $PM_{2.5}$. $PM_{10}$ and $PM_{2.5}$ emissions associated with construction generally result in near-field impacts. The nonattainment status is the result of cumulative emissions from all sources of these air pollutants and their precursors within the SDAB. As shown in Tables 7 and 8, the emissions of all criteria pollutants from the Project's

construction would be below the significance levels. Construction would be short term, temporary in nature, and activities would be considered typical of an industrial project. Once construction is completed, construction-related emissions would cease. Operational emissions generated by the Project would not result in emissions that exceed significance thresholds for any criteria air pollutant. As such, the Project would result in less than significant impacts to air quality.

Regarding long-term cumulative operational emissions in relation to consistency with local air quality plans, the SIP and RAQS serve as the primary air quality planning documents for the state and SDAB, respectively. The SIP and RAQS rely on SANDAG growth projections based on population, vehicle trends, and land use plans developed by the cities and by the County as part of the development of their general plans. Therefore, projects that propose development that is consistent with the growth anticipated by local plans would be consistent with the SIP and RAQS and would not be considered to result in cumulatively considerable impacts from operational emissions. As discussed in Section 2.5.1 of this report, the Project is consistent with the SANDAG growth projections. Thus, it would be consistent at a regional level with the underlying growth forecasts in the SIP and RAQS.

As a result, the Project would not result in a cumulatively considerable contribution to regional $O_3$ concentrations or other criteria pollutant emissions. Cumulative impacts for construction and operation would be **less than significant** for the Project.

### 2.5.3 Would the Project expose sensitive receptors to substantial pollutant concentrations?

#### Carbon Monoxide Hotspots

Regionally, project-related travel will add to regional trip generation and increase the vehicle miles traveled within the SDAB. Locally, project traffic will be added to the City's roadway system. If such traffic occurs during periods of poor atmospheric ventilation, consists of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and operates on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO "hotspots" in the area immediately around points of congested traffic. Because of continued improvement in mobile emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the basin is steadily decreasing.

Projects contributing to adverse traffic impacts at high congested intersections may result in the formation of CO hotspots. To determine whether the Project would not cause or contribute to a violation of the CO standard, a screening evaluation of the potential for CO hotspots was conducted. The County's CO hotspot screening guidance (County of San Diego 2007) was followed to determine whether the Project would require a site-specific hotspot analysis. Per guidance, any project that would place receptors within 500 feet of a signalized intersection operating at or below LOS E (peak-hour trips exceeding 3,000 trips) must conduct a "hotspot" analysis for CO. Likewise, projects that will cause road intersections to operate at or below a LOS E (i.e., with intersection peak-hour trips exceeding 3,000) will also have to conduct a CO "hotspot" analysis. As presented in the Transportation Impact Study (Appendix I), the following intersections were analyzed:

***Roadway Segments:***

- Magnolia Avenue, south of Mission Gorge - Woodside Avenue

- Woodside Avenue, between Magnolia Avenue and Woodside Avenue
- Woodside Avenue, between Woodside Avenue to Project Driveway

*Intersections:*

- Magnolia Avenue/SR-52 EB Off-Ramps
- Magnolia Avenue/SR-52 WB On-Ramp - SR-67 SB On-Ramp
- Magnolia Avenue - Mission Gorge Road/Woodside Avenue
- Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp
- Hartley Road/Woodside Avenue
- Wheatlands Avenue/Woodside Avenue
- Project Access Driveway/Woodside Avenue

As presented in the Transportation Impact Study (Appendix I), with the exception of the Magnolia Avenue - Mission Gorge Road/Woodside Avenue intersection and the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, all study area roadway segments and intersections would continue to operate at satisfactory levels of service (LOS D or better) under Near Term plus Project conditions. However, for the Magnolia Avenue - Mission Gorge Road/Woodside Avenue intersection the proposed project would not increase the delay by more than 2 seconds and therefore, not exceed the City's criteria for project specific traffic effect under Horizon Year plus Project conditions. No improvements are required, and as such, no impacts are expected for the formation of adverse CO hotspots.

As presented in the Transportation Impact Study (Appendix I) the proposed project would result in a traffic effect at the N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, under Existing plus Project, Near Term plus Project conditions, and Horizon Year plus Project conditions, The project would construct a missing segment of sidewalk along N. Woodside Avenue near the N. Woodside Avenue/Woodside Avenue - SR-67 SB Off-Ramp intersection and near the project driveway, for a total of 990 linear feet or approximately 0.2 miles. The project would also be responsible for pavement rehabilitation and restriping of N. Woodside Avenue to the satisfaction of the City Engineer from Caltrans right-of-way at the intersection of the SR-67 to the easternmost edge of the project driveway's intersection with N. Woodside Avenue. In addition, the project would install approximately 1,240 SF of new roadway to fill in an unpaved area between the edge of the existing roadway and the new proposed sidewalk. Although this improvement would not reduce delay or improve LOS at the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, it would improve non-vehicular circulation and pavement conditions along Woodside Avenue and would be considered an acceptable improvement by the City in lieu of improving delay or LOS at the intersection.

In addition, at the time that the South Coast Air Quality Management District (SCAQMD) Handbook (SCAQMD 1993) was published, the South Coast Air Basis (SCAB) was designated nonattainment under the CAAQS and NAAQS for CO. In 2007, the SCAQMD was designated in attainment for CO under both the CAAQS and NAAQS as a result of the steady decline in CO concentrations in the SCAB due to turnover of older vehicles, introduction of cleaner fuels,

and implementation of control technology on industrial facilities. The SCAQMD conducted CO modeling for the 2003 AQMP[6] (SCAQMD 2003b) for the four worst-case intersections in the SCAB:

1. Wilshire Boulevard and Veteran Avenue
2. Sunset Boulevard and Highland Avenue
3. La Cienega Boulevard and Century Boulevard
4. Long Beach Boulevard and Imperial Highway

At the time the 2003 AQMP was prepared, the intersection of Wilshire Boulevard and Veteran Avenue was the most congested intersection in Los Angeles County, with an average daily traffic volume of about 100,000 vehicles per day. The 2003 AQMP projected 8-hour CO concentrations at these four intersections for 1997 and from 2002 through 2005. From years 2002 through 2005, the maximum 8-hour CO concentration was 3.8 parts per million at the Sunset Boulevard and Highland Avenue intersection in 2002 and the maximum 8-hour CO concentration was 3.4 parts per million at the Wilshire Boulevard and Veteran Avenue in 2002.

Accordingly, CO concentrations at congested intersections would not exceed the 1-hour or 8-hour CO CAAQS unless projected daily traffic would be at least over 100,000 vehicles per day. While the project is not located in in the SCAB, similar localized ambient impacts can be expected near intersections regardless of location. The Project estimated horizon year plus Project intersection volumes results in 27,100 and 26,620 daily total vehicles for AM and PM conditions, see Appendix A. Because the project is not anticipated to increase daily traffic volumes at N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection more than 100,000 vehicles per day, a CO hotspot is not anticipated to occur.

Therefore, the Project would not generate traffic that would contribute to potential adverse traffic impacts that may result in the formation of CO hotspots and no hotspot analysis is required. Based on these considerations, the Project would not expose sensitive receptors to substantial CO concentrations; impacts based on CO exposure would be **less than significant**.

## Toxic Air Contaminants

### Construction Health Risk

In addition to impacts from criteria pollutants, project impacts may include emissions of pollutants identified by the state and federal government as TACs or HAPs. The greatest potential for TAC emissions during construction would be DPM emissions from heavy equipment operations and heavy-duty trucks, and the associated health impacts to sensitive receptors. Construction of the Project would occur over a period of approximately 15 months. The closest sensitive receptors to the Project site are single-family residences to the north of the site and north of the San Diego River and single and multifamily residential units south of the Project site and south of Highway 67. As such, a construction health risk analysis was performed for the Project as discussed below.

Table 11 summarizes the results of the HRA for Project construction, and detailed results are provided in Appendix B, *Health Risk Assessment Output Files*.

6 SCAQMD's CO hotspot modeling guidance has not changed since 2003.

**Table 11. Construction Activity Health Risk Assessment Results - Unmitigated**

| Impact Parameter | Units | Project Impact | CEQA Threshold | Level of Significance |
|---|---|---|---|---|
| **Offsite** | | | | |
| Cancer Risk | Per Million | 1.39 | 10.0 | Less than Significant |
| Chronic Hazard Index – Residential | Not Applicable | 0.0012 | 1.0 | Less than Significant |

**Source:** Appendix B
**Notes:** CEQA = California Environmental Quality Act; HIC = Chronic Hazard Index.

The results of the HRA demonstrate that the TAC exposure from construction diesel exhaust emissions would result in cancer risk on site less than the 10 in 1 million threshold, as well as Chronic Hazard Index less than 1.0. Therefore, TAC emissions from construction of the Project would not expose sensitive receptors to substantial pollutant concentrations and would result in a **less than significant** impact.

### Operational Health Risk

As discussed in Section 4.2.3, an HRA was performed to estimate the Maximum Individual Cancer Risk and Chronic Hazard Index for residential receptors associated with Project operations. Results of the operational HRA are presented in Table 12.

**Table 12. Operational Health Risk Assessment Results - Unmitigated**

| Impact Parameter | Units | Impact Level | CEQA Threshold | Level of Significance |
|---|---|---|---|---|
| Maximum Individual Cancer Risk – Residential | Per Million | 3.80 | 10 | Less than Significant |
| Chronic Hazard Index – Residential | Index Value | 0.00146 | 1.0 | Less than Significant. |

**Source**: Appendix B.
**Notes**: CEQA = California Environmental Quality Act

As shown in Table 12, the DPM emissions from operation of the Project would result in a Residential Maximum Individual Cancer Risk of 3.80 in 1 million and a Residential Chronic Hazard Index of 0.00146.

The results of the HRA demonstrate that the TAC exposure from operational diesel exhaust emissions would result in cancer risk less than the 10 in 1 million threshold and Chronic Hazard Index less than 1. Therefore, operation of the Project would not expose sensitive receptors to substantial pollutant concentrations; impacts would be **less than significant.**

### Combined Construction and Operational Health Risk

As discussed, a combined construction and operational HRA was performed to estimate the Maximum Individual Cancer Risk and Chronic Hazard Index for residential receptors associated with the Project. Results of the combined HRA are presented in Table 13.

**Table 13. Combined Construction and Operational Health Risk Assessment Results - Unmitigated**

| Impact Parameter | Units | Impact Level | CEQA Threshold | Level of Significance |
|---|---|---|---|---|
| Maximum Individual Cancer Risk – Residential | Per Million | 5.14 | 10 | Less than Significant |
| Chronic Hazard Index – Residential | Index Value | 0.0027 | 1.0 | Less than Significant. |

**Source**: Appendix B.
**Notes**: CEQA = California Environmental Quality Act

As shown in Table 13, the DPM emissions from the combined construction and operation of the Project would result in a Residential Maximum Individual Cancer Risk of in 5.14 million and a Residential Chronic Hazard Index of 0.0027.

The results of the combined construction and operational HRA demonstrate that the TAC exposure from diesel exhaust emissions would result in cancer risk less than the 10 in 1 million threshold and Chronic Hazard Index less than 1. Therefore, the Project would not expose sensitive receptors to substantial pollutant concentrations; impacts would be **less than significant.**

### Health Effects of Criteria Air Pollutants

As demonstrated, construction and operation of the Project would not result in emissions that exceed SDAPCD's emission thresholds for any criteria air pollutants. The SDAPCD thresholds are based on SDAB compliance with the NAAQS and CAAQS which are protective of public health; therefore, no adverse effects to human health would result from the Project. The following provides a general discussion of criteria air pollutants and their health effects.

Some VOCs would be associated with motor vehicles and construction equipment, while others are associated with architectural coatings and asphalt off-gassing, the emissions of which would not result in exceedances of SDAPCD's thresholds. SDAPCD Rule 67.0.1 restricts the VOC content of coatings for both construction and operational applications.

VOCs and $NO_x$ are precursors to $O_3$, for which the SDAB is designated as nonattainment with respect to certain NAAQS and CAAQS standards (the SDAB is designated by EPA as an attainment area for the 1-hour $O_3$ NAAQS standard and 1997 8-hour NAAQS standard). The health effects associated with $O_3$, as discussed in Section 2.1.4, Criteria Air Pollutants, are generally associated with reduced lung function. The contribution of VOCs and $NO_x$ to regional ambient $O_3$ concentrations is the result of complex photochemistry, with increases in $O_3$ concentrations in the SDAB due to precursor emissions found downwind from the source location. However, the potential for exacerbating excessive $O_3$ concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the $O_3$ NAAQS and CAAQS tend to occur between April and October, when solar radiation is highest. The effect of a single project's emissions of $O_3$ precursors is speculative due to the lack of quantitative methods to assess this impact. VOC and $NO_x$ emissions associated with Project construction would only negligibly contribute to regional $O_3$ concentrations and the associated health impacts. Accordingly, the Project would not expose sensitive receptors to substantial concentrations of VOCs and $NO_x$; health impacts would be **less than significant.**

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (CARB 2019). CO tends to be a localized impact associated with congested intersections. CO

hotspots were discussed previously as a less than significant impact. Thus, the proposed Project's CO emissions would not contribute to the health effects associated with this pollutant. Health impacts would be **less than significant**.

Construction of the Project would not exceed thresholds for $PM_{10}$ or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter. As noted above, $PM_{10}$ or $PM_{2.5}$ emissions during both construction and operation of the Project would be less than the applicable SDAPCD threshold. Accordingly, the Project would not expose sensitive receptors to substantial concentrations of $PM_{10}$ or $PM_{2.5}$; health impacts would be **less than significant**.

Nitrogen oxides (NOx) is a term used to describe the sum of nitric oxide (NO), nitrogen dioxide (NO2), and other oxides of nitrogen. As such, NO2 is a constituent of NOx. Construction of the Project would not contribute to exceedances of the NAAQS and CAAQS for NO2 since NOx emissions would be less than the applicable SDAPCD threshold. As discussed above, the SDAPCD thresholds are based on SDAB compliance with the NAAQS and CAAQS, which are protective of public health; therefore, no adverse effects to human health would result from emissions below threshold. As described in Section 3.1, NO2 health impacts are associated with respiratory irritation, which may be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. However, these operations would be relatively short term, and the off-road construction equipment would be operating on various portions of the site and would not be concentrated in one portion of the site at any one time. Accordingly, the Project would not expose sensitive receptors to substantial pollutant concentrations of NO2; impacts would be **less than significant**.

### Conclusion

The results of the HRA demonstrate that TAC exposure from construction and operational diesel exhaust emissions would not result in cancer risk above the 10 in 1 million threshold, nor a Chronic Hazard Index greater than 1.0. In addition, VOC and $NO_x$ emissions would negligibly contribute to regional $O_3$ concentrations and the associated health effects. In addition to $O_3$, $NO_x$ emissions would not contribute to potential exceedances of the NAAQS and CAAQS for $NO_2$. As shown in Table 3, the existing $NO_2$ concentrations in the area are well below the NAAQS and CAAQS standards. Thus, the Project's operational $NO_x$ emissions are not expected to result in exceedances of the $NO_2$ standards or contribute to the associated health effects. CO tends to be a localized impact associated with congested intersections. The associated CO "hotspots" were discussed previously as a less than significant impact. Thus, the Project's CO emissions would not contribute to significant health effects associated with this pollutant. $PM_{10}$ and $PM_{2.5}$ would not contribute to potential exceedances of the NAAQS and CAAQS for particulate matter and would not obstruct the SDAB from coming into attainment for these pollutants and would not contribute to significant health effects associated with particulates. Therefore, overall health impacts associated with criteria air pollutants would be considered **less than significant**.

## 2.5.4 Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

### Construction

The State of California Health and Safety Code, Division 26, Part 4, Chapter 3, Section 41700 SDAPCD Rule 51, and the City's Municipal Code prohibit emissions from any source whatsoever in such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to the public health or damage to property.

Projects required to obtain permits from SDAPCD are evaluated by SDAPCD staff for potential odor nuisance, and conditions may be applied (or control equipment required) where necessary to prevent occurrence of public nuisance. Odors would be generated from vehicles and/or equipment exhaust emissions during construction of the Project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and architectural coatings. Such odors are temporary and for the types of construction activities anticipated for Project components, would generally occur at magnitudes that would not affect substantial numbers of people. In addition, there are no adjacent sensitive receptors to the Project site, the closest sensitive receptors are approximately 0.15 mile north and south of the Project site. Therefore, construction of the Project would not result in odors that would adversely affect a substantial number of people, and impacts associated with odors during construction would be **less than significant**.

### Operational

SDAPCD Rule 51 (Nuisance) also prohibits emission of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person. A project that proposes a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors. Odor issues are very subjective by the nature of odors themselves and due to the fact that their measurements are difficult to quantify. As a result, this guideline is qualitative, and will focus on the existing and potential surrounding uses and location of sensitive receptors.

Due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, there are no quantitative or formulaic methodologies to determine if potential odors would have a significant impact. Examples of land uses and industrial operations that are commonly associated with odor complaints include agricultural uses, wastewater treatment plants, food processing facilities, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding facilities. In addition to the odor source, the distance between the sensitive receptor(s) and the odor source, as well as the local meteorological conditions, are considerations in the potential for a project to frequently expose the public to objectionable odors. Although localized air quality impacts are focused on potential impacts to sensitive receptors, such as residences and schools, other land uses where people may congregate (e.g., workplaces) or uses with the intent to attract people (e.g., restaurants and visitor-serving accommodations) should also be considered in the evaluation of potential odor nuisance impacts. The Project would not include operations of agricultural uses, wastewater treatment plants, food processing facilities, chemical plants, composting, refineries, landfills, dairies, or fiberglass molding facilities, as such is not expected to produce any nuisance odors due to its operation. In the event the Project is required to obtain a permit from SDAPCD, SDAPCD staff review the Project for potential odor nuisance, and conditions may be applied (or control equipment required) where necessary to prevent occurrence of public nuisance. Therefore, operation of the Project would not result in odors that would adversely affect a substantial number of people, impacts related to odors during operation would be **less than significant**.

# 3 Greenhouse Gas Emissions

## 3.1 Environmental Setting

### 3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2022b).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth; the Earth emits a portion of this energy in the form of long-wave radiation; and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes, such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-20th century and is the most significant driver of observed climate change (IPCC 2014; EPA 2022b). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2014). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.1.5, Potential Effects of Climate Change.

### 3.1.2 Greenhouse Gases and other Climate Forcing Substances

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. GHGs include, but are not limited to, carbon dioxide ($CO_2$), methane ($CH_4$), nitrous oxide ($N_2O$), ozone ($O_3$), water vapor, hydrofluorocarbons (HFCs), hydrochlorofluorocarbons (HCFCs), perfluorocarbons (PFCs), and sulfur hexafluoride ($SF_6$).[7] Some GHGs, such as $CO_2$, $CH_4$, and $N_2O$, occur naturally and are emitted to the atmosphere through natural processes and human activities. Of these gases, $CO_2$ and $CH_4$ are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption

[7] California Health and Safety Code 38505 identifies seven GHGs that the California Air Resource Board is responsible to monitor and regulate to reduce emissions: $CO_2$, $CH_4$, $N_2O$, $SF_6$, HFCs, PFCs, and $NF_3$.

potential than $CO_2$, include fluorinated gases, such as HFCs, HCFCs, PFCs, and $SF_6$, are associated with certain industrial products and processes. A summary of the most common GHGs and their sources is included in the following text.[8] Also included is a discussion of other climate forcing substances.

**Carbon Dioxide ($CO_2$).** $CO_2$ is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of $CO_2$ include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate $CO_2$ are from the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

**Methane ($CH_4$).** $CH_4$ is produced through both natural and human activities. $CH_4$ is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

**Nitrous Oxide ($N_2O$).** $N_2O$ is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create $N_2O$. Sources of $N_2O$ include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using $N_2O$ as a propellant (such as in rockets, racecars, and aerosol sprays).

**Fluorinated Gases.** Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric ozone-depleting substances (e.g., CFCs, HCFCs, and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to ozone-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the ozone depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** $SF_6$ is a colorless gas soluble in alcohol and ether and slightly soluble in water. $SF_6$ is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** $NF_3$ is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

[8] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), California Air Resource Board's Glossary of Air Pollution Terms (2015), and EPA's Glossary of Climate Change Terms (2016).

**Chlorofluorocarbons (CFCs).** CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric $O_3$.

**Hydrochlorofluorocarbons (HCFCs)**. HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

**Black Carbon.** Black carbon is a component of fine particulate matter, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify the global warming potential. Diesel particulate matter emissions are a major source of black carbon and are toxic air contaminates (TACs) that have been regulated and controlled in California for several decades to protect public health. In relation to declining diesel particulate matter from the California Air Resources Board's (CARB's) regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

**Water Vapor.** The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

**Ozone ($O_3$).** Tropospheric $O_3$, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric $O_3$, which is created by the interaction between solar ultraviolet radiation and molecular oxygen ($O_2$), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric $O_3$, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

**Aerosols.** Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

### 3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2022b). The Intergovernmental Panel on Climate Change (IPCC) developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of

a trace substance relative to that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is $CO_2$; therefore, GWP-weighted emissions are measured in metric tons (MT) $CO_2$ equivalent (MT $CO_2e$).

The current version of the CalEEMod (version 2022.1.1.19)[9] assumes that the GWP for $CH_4$ is 25 (so emissions of 1 MT of $CH_4$ are equivalent to emissions of 25 MT of $CO_2$), and the GWP for $N_2O$ is 298, based on the IPCC Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the Project.

## 3.1.4 Sources of Greenhouse Gas Emissions

### Global Inventory

Anthropogenic GHG emissions worldwide in 2019 (the most recent year for which data is available) totaled approximately 52,400 million metric tons (MMT) of $CO_2e$, excluding land use change and forestry (PBL 2020). The top six GHG emitters include China, the United States, the Russian Federation, India, Japan, and the European Union, which accounted for approximately 62% of the total global emissions, or approximately 32,500 MMT $CO_2e$ (PBL 2020). Table 14 presents the top GHG-emissions-producing countries.

**Table 14. Six Top GHG Producer Countries**

| Emitting Countries | 2019 GHG Emissions (MMT $CO_2e$)[a,b] |
|---|---|
| China | 14,000 |
| United States | 6,600 |
| European Union | 4,300 |
| India | 3,700 |
| Russian Federation | 2,500 |
| Japan | 1,400 |
| **Total** | **32,500** |

**Source:** PBL 2020.
**Notes:** MMT $CO_2e$ = million metric tons of carbon dioxide equivalent.
[a] Column may not add due to rounding.
[b] GHG emissions do not include land use change and forestry-related GHG emissions.

### National Inventory

Per the EPA Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990 to 2019 (EPA 2021), total United States GHG emissions were approximately 6,558.3 MMT $CO_2e$ in 2019 (EPA 2021). The primary GHG emitted by human activities in the United States was $CO_2$, which represented approximately 80.1% of total GHG emissions (5,255.8 MMT $CO_2e$). The largest source of $CO_2$, and of overall GHG emissions, was fossil-fuel combustion, which accounted for approximately 92.4% of $CO_2$ emissions in 2019 (4,856.7 MMT $CO_2e$). Relative to 1990, gross United States GHG emissions in 2019 were 1.8% higher; however, the gross emissions were down from a high of 15.6% above

[9] CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform to calculate construction and operational emissions from land use development projects. The model was developed for the California Air Pollution Control Officers Association in collaboration with multiple air districts across the state. Numerous lead agencies in the state, including SDAPCD, use CalEEMod to estimate greenhouse gas emissions in accordance with CEQA Guidelines Section 15064.4(a)(1). CalEEMod Version 2022.1.1.19 was used for project analysis.

1990 levels in 2007. GHG emissions decreased from 2018 to 2019 by 1.7% (113.1 MMT $CO_2e$) and overall, net emissions in 2019 were 13% below 2005 levels (EPA 2021).

### State Inventory

According to California's 2000–2019 GHG emissions inventory (2021 edition), California emitted approximately 418 MMT $CO_2e$ in 2019, including emissions resulting from out-of-state electrical generation (CARB 2022d). The sources of GHG emissions in California include transportation, industry, electric power production from both in-state and out-of-state sources, residential and commercial activities, agriculture, high-GWP substances, and recycling and waste. Table 15 presents California GHG emission source categories and their relative contributions to the emissions inventory in 2019.

**Table 15. GHG Emissions Sources in California**

| Source Category | Annual GHG Emissions (MMT $CO_2e$) | Percent of Total* |
|---|---|---|
| Transportation | 166.1 | 39.7% |
| Industrial | 88.2 | 21.1% |
| Electric power | 58.8 | 14.1% |
| Commercial and residential | 43.8 | 10.5% |
| Agriculture | 31.8 | 7.6% |
| High global-warming potential substances | 20.6 | 4.9% |
| Recycling and waste | 8.9 | 2.1% |
| **Total** | **418.2** | **100%** |

**Source:** CARB 2022d.
**Notes:** GHG = greenhouse gas; MMT $CO_2e$ = million metric tons of carbon dioxide equivalent.
* Column may not add due to rounding.

Between 2000 and 2019, per-capita GHG emissions in California have dropped from a peak of 14.0 MT $CO_2e$ per person in 2001 to 10.5 MT $CO_2e$ per person in 2019, representing an approximate 25% decrease. In addition, total GHG emissions in 2019 were approximately 7 MMT $CO_2e$ lower than 2018 emissions (CARB 2022d).

### Local Inventories

According to the GHG inventory data compiled by the Energy Policy Initiative Center, in 2012, the County (as defined to include all cities therein and unincorporated County areas) emitted 34.7 MMT $CO_2e$ (EPIC 2015). As outlined in Table 16, San Diego County GHG Emissions by Sectors, on-road transportation generated 37% of these emissions.

**Table 16. San Diego County GHG Emissions by Sectors**

| Source Category | Annual GHG Emissions (MMT $CO_2e$) | Percent of Total |
|---|---|---|
| On-road transportation | 13.14 | 37.2 |
| Electricity generation | 7.97 | 22.6 |
| Natural gas end uses | 2.84 | 8.0 |
| Heavy Duty Trucks & Vehicles | 1.89 | 5.4 |

**Table 16. San Diego County GHG Emissions by Sectors**

| Source Category | Annual GHG Emissions (MMT $CO_2e$) | Percent of Total |
|---|---|---|
| Solid Waste | 1.75 | 4.9 |
| Other Fuels | 1.64 | 4.6 |
| Industrial | 1.43 | 4.1 |
| Aviation | 1.37 | 3.9 |
| Off-Road | 0.92 | 2.6 |
| Wildfire | 0.81 | 2.3 |
| Other – Thermal Cogeneration | 0.64 | 1.8 |
| Water | 0.52 | 1.5 |
| Wastewater | 0.16 | 0.5 |
| Rail | 0.11 | 0.3 |
| Agriculture | 0.08 | 0.2 |
| Marine Vessels | 0.05 | 0.1 |
| Development and Sequestration | (0.65) | N/A |
| **Total** | **34.67** | **100** |

**Source:** EPIC 2015.
**Notes**: GHG = greenhouse gas; MMT $CO_2e$ = million metric tons of carbon dioxide equivalent per year

The 2013 emissions inventory for the City is shown in Table 17 below.

**Table 17. City of Santee Community-Wide GHG Emissions by Sectors for 2013**

| Source Category | Annual GHG Emissions (MT $CO_2e$) | Percent of Total |
|---|---|---|
| On-Road Transportation | 242,499 | 60.24 |
| Residential Energy | 78,651 | 19.54 |
| Commercial Energy | 48,025 | 11.93 |
| Solid Waste | 11,151 | 2.77 |
| Water | 6,578 | 1.63 |
| Off-Road Source | 14,699 | 3.65 |
| Wastewater | 971 | 0.24 |
| **Total** | **402,574** | **100** |

**Source:** City of Santee 2019.
**Notes:** GHG emissions for each category are rounded. Sums may not add up to totals due to rounding.

## 3.1.5 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through uncertain impacts related to future air temperatures and precipitation patterns. The 2014 IPCC Synthesis Report indicated that warming of the climate system is unequivocal and since the 1950s, many of the observed changes are unprecedented over decades to millennia. Signs that global climate change has occurred include warming of the atmosphere and ocean, diminished amounts of snow and ice, and rising sea levels (IPCC 2014).

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, frequency of severe weather events, and electricity demand and supply. The primary effect of global climate change has been a rise in average global tropospheric temperature. Reflecting the long-term warming trend since pre-industrial times, observed global mean surface temperature for the decade 2006–2015 was 0.87°C (1.6°F) (likely between 0.75°C [1.4°F] and 0.99°C [1.8°F]) higher than the average over the 1850–1900 period (IPCC 2018). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities are estimated to have caused approximately 1.0°C (1.8°F) of global warming above pre-industrial levels(pre-industrial base period being years 1850–1900), with a likely range of 0.8°C to 1.2°C (1.4°F to 2.2°F) (IPCC 2018). Global warming is likely to reach 1.5°C (2.7°F) between 2030 and 2052 if it continues to increase at the current rate (IPCC 2018).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The Office of Environmental Health Hazard Assessment identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernible evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed, including an increase in annual average air temperature with record warmth from 2012 to 2016, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days and a decrease in heating degree days, and an increase in variability of statewide precipitation (OEHHA 2018).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers, and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2018).

Impacts of climate change on biological systems, including humans, wildlife, and vegetation, have also been observed, including climate change impacts on terrestrial, marine, and freshwater ecosystems. As with global observations, species responses include those consistent with warming: elevational or latitudinal shifts in range, changes in the timing of key plant and animal life cycle events, and changes in the abundance of species and in community composition. Humans are better able to adapt to a changing climate than plants and animals in natural ecosystems. Nevertheless, climate change poses a threat to public health as warming temperatures and changes in precipitation can affect vector-borne pathogen transmission and disease patterns in California as well as the variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has followed an increasing trend overall.

The CNRA has released four California Climate Change Assessments (2006, 2009, 2012, and 2018), which have addressed the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, and ocean acidification, hypoxia, and warming. A summary of current and future climate change impacts to resource areas in

California, as discussed in the Safeguarding California: Reducing Climate Risk (CNRA 2014), is provided in the following text.

**Agriculture.** The impacts of climate change on the agricultural sector are far more severe than the typical variability in weather and precipitation patterns that occur year to year. Some of the specific challenges faced by the agricultural sector and farmers include more drastic and unpredictable precipitation and weather patterns; extreme weather events that range from severe flooding to extreme drought, to destructive storm events; significant shifts in water availably and water quality; changes in pollinator lifecycles; temperature fluctuations, including extreme heat stress and decreased chill hours; increased risks from invasive species and weeds, agricultural pests and plant diseases; and disruptions to the transportation and energy infrastructure supporting agricultural production. These challenges and associated short-term and long-term impacts can have both positive and negative effects on agricultural production. Nonetheless, it is predicted that current crop and livestock production will suffer long-term negative effects resulting in a substantial decrease in the agricultural sector if not managed or mitigated.

**Biodiversity and Habitat.** The state's extensive biodiversity stems from its varied climate and assorted landscapes, which have resulted in numerous habitats where species have evolved and adapted over time. Specific climate change challenges to biodiversity and habitat include species migration in response to climatic changes, range shift, and novel combinations of species; pathogens, parasites and disease; invasive species; extinction risks; changes in the timing of seasonal life-cycle events; food web disruptions; and threshold effects (i.e., a change in the ecosystem that results in a "tipping point" beyond which irreversible damage or loss has occurs). Habitat restoration, conservation, and resource management across California and through collaborative efforts amongst public, private and nonprofit agencies has assisted in the effort to fight climate change impacts on biodiversity and habitat. One of the key measures in these efforts is ensuring species' ability to relocate as temperature and water availability fluctuate as a result of climate change, based on geographic region.

**Energy.** The energy sector provides California residents with a supply of reliable and affordable energy through a complex integrated system. Specific climate change challenges for the energy sector include temperature, fluctuating precipitation patterns, increasing extreme weather events and sea level rise. Increasing temperatures and reduced snowpack negatively impact the availability of a steady flow of snowmelt to hydroelectric reservoirs. Higher temperatures also reduce the capacity of thermal power plants since power plant cooling is less efficient at higher ambient temperatures. Natural gas infrastructure in coastal California is threatened by sea level rise and extreme storm events.

**Forestry.** Forests occupy approximately 33% of California's 100 million acres and provide key benefits such as wildlife habitat, absorption of $CO_2$, renewable energy and building materials. The most significant climate change related risk to forests is accelerated risk of wildfire and more frequent and severe droughts. Droughts have resulted in more large-scale mortalities and combined with increasing temperatures have led to an overall increase in wildfire risks. Increased wildfire intensity subsequently increases public safety risks, property damage, fire suppression and emergency response costs, watershed and water quality impacts and vegetation conversions. These factors contribute to decreased forest growth, geographic shifts in tree distribution, loss of fish and wildlife habitat and decreased carbon absorption. Climate change may result in increased establishment of non-native species, particularly in rangelands where invasive species are already a problem. Invasive species may be able to exploit temperature or precipitation changes, or quickly occupy areas denuded by fire, insect mortality or other climate change effects on vegetation.

**Ocean and Coastal Ecosystems and Resources.** Sea level rise, changing ocean conditions and other climate change stressors are likely to exacerbate long-standing challenges related to ocean and coastal ecosystems in addition to threatening people and infrastructure located along the California coastline and in coastal communities. Sea level rise in addition to more frequent and severe coastal storms and erosion are threatening vital infrastructure such as roads, bridges, power plants, ports and airports, gasoline pipes, and emergency facilities, as well as negatively impacting the coastal recreational assets such as beaches and tidal wetlands. Water quality and ocean acidification threaten the abundance of seafood and other plant and wildlife habitats throughout California and globally.

**Public Health.** Climate change can impact public health through various environmental changes and is the largest threat to human health in the twenty-first century. Changes in precipitation patterns affect public health primarily through potential for altered water supplies, and extreme events such as heat, floods, droughts, and wildfires. Increased frequency, intensity and duration of extreme heat and heat waves is likely to increase the risk of mortality due to heat related illness as well as exacerbate existing chronic health conditions. Other extreme weather events are likely to negatively impact air quality and increase or intensify respiratory illness such as asthma and allergies. Additional health impacts that may be impacted by climate change include cardiovascular disease, vector-borne diseases, mental health impacts, and malnutrition injuries. Increased frequency of these ailments is likely to subsequently increase the direct risk of injury and/or mortality.

**Transportation.** Residents of California rely on airports, seaports, public transportation and an extensive roadway network to gain access to destinations, goods and services. While the transportation industry is a source of GHG emissions it is also vulnerable to climate change risks. Particularly, sea level rise and erosion threaten many coastal California roadways, airports, seaports, transit systems, bridge supports, and energy and fueling infrastructure. Increasing temperatures and extended periods of extreme heat threaten the integrity of the roadways and rail lines. High temperatures cause the road surfaces to expand which leads to increased pressure and pavement buckling. High temperatures can also cause rail breakages, which could lead to train derailment. Other forms of extreme weather events, such as extreme storm events, can negatively impact infrastructure which can impair movement of peoples and goods, or potentially block evacuation routes and emergency access roads. Increased wildfires, flooding, erosion risks, landslides, mudslides, and rockslides can all profoundly impact the transportation system and pose a serious risk to public safety.

**Water.** Water resources in California support residences, plants, wildlife, farmland, landscapes and ecosystems and bring trillions of dollars in economic activity. Climate change could seriously impact the timing, form, amount of precipitation, runoff patterns, and frequency and severity of precipitation events. Higher temperatures reduce the amount of snowpack and lead to earlier snowmelt, which can impact water supply availability, natural ecosystems and winter recreation. Water supply availability during the intense dry summer months is heavily dependent on the snowpack accumulated during the wintertime. Increased risk of flooding has a variety of public health concerns including water quality, public safety, property damage, displacement and post-disaster mental health problems. Prolonged and intensified droughts can also negatively groundwater reserves and result in increased overdraft and subsidence. Droughts can also negatively impact agriculture and farmland throughout the state. The higher risk of wildfires can lead to increased erosion, which can negatively impact watersheds and result in poor water quality. Water temperatures are also prone to increase, which can negatively impact wildlife that rely on a specific range of temperatures for suitable habitat.

In addition to the potential statewide effects of climate change, to address local and regional governments need for information to support action in their communities, the CNRA Fourth Assessment includes reports for nine

regions of the state, including the San Diego Region, where the Project is located. Key projected climate changes for the San Diego Region include the following (CNRA 2019):

- Temperature is projected to increase substantially, along with mean temperature, heat wave frequency will increase, with more intensity and longer duration.
- Precipitation will remain highly variable but will change in character, with wetter winters, drier springs, and more frequent and severe droughts punctuated by more intense individual precipitation events.
- Wildfire risk will increase in the future as climate warms. The risk for large catastrophic wildfires driven by Santa Ana wind events will also likely increase as a result of a drier autumns leading to low antecedent precipitation before the height of the Santa Ana wind season.
- The sea level along San Diego County is expected to rise. High tides combined with elevated shoreline water levels produced by locally and distantly driven wind-driven waves will drive extreme events. Longer-term sea level will increase rapidly in the second half of the century and will be punctuated by short periods of storm-driven extreme sea levels that will imperil existing infrastructure, structures, and ecosystems with increasing frequency.

## 3.2 Regulatory Setting

### 3.2.1 Federal

**Massachusetts v. EPA.** In *Massachusetts v. EPA* (April 2007), the U.S. Supreme Court directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In December 2009, the administrator signed a final rule with the following two distinct findings regarding GHGs under Section 202(a) of the federal Clean Air Act (CAA):

- **Endangerment Finding:** The Administrator found that elevated concentrations of GHGs—$CO_2$, $CH_4$, $N_2O$, HFCs, PFCs, and $SF_6$—in the atmosphere threaten the public health and welfare of current and future generations.
- **Cause or Contribute Finding:** The Administrator further found the combined emissions of GHGs—$CO_2$, $CH_4$, $N_2O$, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare.

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the CAA.

**Energy Independence and Security Act.** The Energy Independence and Security Act of 2007 mandate the following measures to reduce national GHG emissions:

1. Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel by 2022.
2. Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020 and direct the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.

3. Prescribe or reverse standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

**Federal Vehicle Standards.** 2007, the Bush Administration issued Executive Order (EO) 13432 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016 (75 FR 25324–25728).

In 2010, President Barack Obama issued a memorandum directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of $CO_2$ by model year 2025 on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017–2021 (77 FR 62624–63200). On January 12, 2017, the EPA finalized its decision to maintain the current GHG emissions standards for model years 2022–2025 cars and light trucks (EPA 2022c).

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014–2018 (76 FR 57106–57513). The standards for $CO_2$ emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6%–23% over the 2010 baselines.

In August 2016, the EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all types and sizes of buses and work trucks. The final standards are expected to lower $CO_2$ emissions by approximately 1.1 billion MT and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

In August 2018, the EPA and NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks and establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards in place at the time, the 2018 proposal would increase U.S. fuel consumption by about half a million barrels per day (2%–3% of total daily consumption, according to the Energy Information Administration) and would impact the global climate by 3/1000th of 1°C by 2100 (EPA and NHTSA 2018).

In 2019, the EPA and NHTSA published the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program (SAFE-1), which revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle (ZEV) mandates in California. In March 2020, Part Two was issued which set CO2 emissions standards and corporate average fuel economy standards for passenger vehicles and light-duty trucks for model years 2021 through 2026. In March 2022, EPA reinstated California's authority under the Clean Air Act to

implement its own GHG emission standards and ZEV sales mandate. EPA's March 2022 action concludes its reconsideration of the 2019 SAFE-1 rule by finding that the actions taken under the previous administration as a part of SAFE-1 were decided in error and are now entirely rescinded.

The Inflation Reduction Act was signed into law by President Biden in August 2022. The bill includes specific investment in energy and climate reform and is projected to reduce GHG emissions within the U.S. by 40 percent as compared to 2005 levels by 2030. The bill allocates funds to boost renewable energy infrastructure (e.g., solar panels and wind turbines), includes tax credits for the purchase of electric vehicles, and includes measures that will make homes more energy efficient.

### 3.2.2 State

The statewide GHG emissions regulatory framework is summarized below by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, solid waste, water, and other state regulations and goals. The following describes executive orders, legislation, regulations, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

#### State Climate Change Targets

**Executive Order S-3-05.** EO S-3-05 (June 2005) established the following statewide goals: GHG emissions should be reduced to 2000 levels by 2010, GHG emissions should be reduced to 1990 levels by 2020, and GHG emissions should be reduced to 80% below 1990 levels by 2050.

EO S-3-05 also directed the California EPA to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry. The Climate Action Team (CAT) was formed, which subsequently issued reports from 2006 to 2010 (CAT 2016).

**Assembly Bill 32.** In furtherance of the goals established in EO S-3-05, the legislature enacted AB 32 (Núñez and Pavley). The bill is referred to as the California Global Warming Solutions Act of 2006 (September 27, 2006). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020 and initiate the transformations required to achieve the state's long-range climate objectives.

**Assembly Bill 1279.** The Legislature enacted AB 1279, the California Climate Crisis Act, in September 2022. The bill declares the policy of the state to achieve net zero GHG emissions as soon as possible, but no later than 2045, and achieve and maintain net negative GHG emissions thereafter. Additionally, the bill requires that by 2045, statewide anthropogenic GHG emissions be reduced to at least 85% below 1990 levels.

**Assembly Bill 1757.** AB 1757 (September 2022) requires the CNRA to determine a range of targets for natural carbon sequestration, and for nature-based climate solutions that reduce GHG emissions for future years 2030, 2038, and 2045. These targets are to be determined by no later than January 1, 2024, and are established to support the state's goals to achieve carbon neutrality and foster climate adaptation and resilience.

**Executive Order B-55-18.** EO B-55-18 (September 2018) establishes a statewide policy to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net-negative emissions thereafter. The goal is an addition to the existing statewide targets of reducing the state's GHG emissions. CARB will work with relevant

state agencies to ensure that future scoping plans identify and recommend measures to achieve the carbon neutrality goal.

California Air Resources Board's Climate Change Scoping Plan. One specific requirement of AB 32 was for CARB to prepare a scoping plan for achieving the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (Health and Safety Code Section 38561[a]), and to update the plan at least once every 5 years. In 2008, CARB approved the first scoping plan. The Climate Change Scoping Plan: A Framework for Change (Scoping Plan) included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs calculated to meet the 2020 statewide GHG emissions limit and initiate the transformations needed to achieve the state's long-range climate objectives. The key elements of the Scoping Plan include the following (CARB 2008):

1. Expanding and strengthening existing energy efficiency programs, as well as building and appliance standards.
2. Achieving a statewide renewable energy mix of 33%.
3. Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system and caps sources contributing 85% of California's GHG emissions.
4. Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets.
5. Adopting and implementing measures pursuant to existing state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard (17 CCR 95480 et seq.).
6. Creating targeted fees, including a public goods charge on water use, fees on high GWP gases, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation.

The Scoping Plan also identified local governments as essential partners in achieving California's goals to reduce GHG emissions because they have broad influence and, in some cases, exclusive authority over activities that contribute to significant direct and indirect GHG emissions through their planning and permitting processes, local ordinances, outreach and education efforts, and municipal operations. Specifically, the Scoping Plan encouraged local governments to adopt a reduction goal for municipal operations, and for community emissions to reduce GHGs by approximately 15% from 2008 levels by 2020. Many local governments developed community-scale local GHG reduction plans based on this Scoping Plan recommendation.

In 2014, CARB approved the first update to the Scoping Plan. The First Update to the Climate Change Scoping Plan: Building on the Framework (First Update) defined the state's GHG emission reduction priorities for the next 5 years, and laid the groundwork to start the transition to the post-2020 goals set forth in EO S-3-05 and EO B-16-2012. The First Update concluded that California is on track to meet the 2020 target but recommended a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The First Update recommended a mix of technologies in key economic sectors to reduce emissions through 2050, including energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and the rapid market penetration of efficient

and clean energy technologies. As part of the First Update, CARB recalculated the state's 1990 emissions level, using more recent GWPs identified by the IPCC, from 427 MMT $CO_2e$ to 431 MMT $CO_2e$ (CARB 2014).

In 2015, as directed by EO B-30-15, CARB began working on an update to the Scoping Plan to incorporate the 2030 target of 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in EO S-3-05. The governor called on California to pursue a new and ambitious set of strategies, in line with the five climate change pillars from his inaugural address, to reduce GHG emissions and prepare for the unavoidable impacts of climate change. In the summer of 2016, the legislature affirmed the importance of addressing climate change through passage of SB 32 (see below).

In December 2017, CARB adopted California's 2017 Climate Change Scoping Plan (2017 Scoping Plan) for public review and comment (CARB 2017). The 2017 Scoping Plan builds on the successful framework established in the initial Scoping Plan and First Update while identifying new, technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target as established by SB 32 and define the state's climate change priorities to 2030 and beyond. The strategies' commitments include implementing renewable energy and energy efficiency strategies (including the mandates of SB 350), increasing stringency of the Low Carbon Fuel Standard, implementing measures identified in the Mobile Source and Freight Strategies, implementing measures identified in the proposed Short-Lived Climate Pollutant Reduction Strategy, and increasing stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, it recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

For local governments, the 2017 Scoping Plan replaced the initial Scoping Plan's 15% reduction goal with a recommendation to aim for a community-wide goal of no more than 6 MT $CO_2e$ per capita by 2030, and no more than 2 MT $CO_2e$ per capita by 2050, which are consistent with the state's long-term goals. These goals are also consistent with the Under 2 Memorandum of Understanding (Under 2 2016) and the Paris Agreement, which are developed around the scientifically based levels necessary to limit global warming to below 2°C. The 2017 Scoping Plan recognized the benefits of local government GHG planning (e.g., through CAPs) and provided more information regarding tools CARB was developing in support those efforts. It also recognized the CEQA streamlining provisions for project-level review where there is a legally adequate CAP.[10] The most recent CARB 2022 Scoping Plan Update outlines the state's plan to reduce emissions and achieve carbon neutrality by 2045 in alignment with AB 1279 and assesses progress toward the 2030 SB 32 target (CARB 2022). As such, given that SB 32 and AB 1279 are the relevant GHG emission targets, the CARB 2017 and 2022 Scoping Plan Updates that outline the strategy to achieve those targets, are the most applicable to the Project. The 2022 Scoping Plan Update builds upon and accelerates programs currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; and displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines) (CARB 2022).. A project is considered consistent with the statutes and executive orders if it meets the general policies in reducing GHG emissions to facilitate the achievement of the state's goals and does not impede attainment of those goals. A project would be consistent if it will further the objectives and not obstruct their attainment.

[10] *Sierra Club v. County of Napa* (2004) 121 Cal.App.4th 1490; *San Francisco Tomorrow et al. v. City and County of San Francisco* (2015) 229 Cal.App.4th 498; *San Franciscans Upholding the Downtown Specific Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656; *Sequoyah Hills Homeowners Assn. v. City of Oakland* (1993) 23 Cal.App.4th 704, 719.

**Executive Order B-30-15.** EO B-30-15 (April 2015) identified an interim GHG reduction target in support of targets previously identified under EO S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing statewide GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing statewide GHG emissions to 80% below 1990 levels by 2050, as set forth in EO S-3-05. To facilitate achievement of this goal, EO B-30-15 calls for an update to CARB's Scoping Plan to express the 2030 target in terms of MMT $CO_2e$. The executive order also calls for state agencies to continue to develop and implement GHG emissions reduction programs in support of the reduction targets. Sector-specific agencies in transportation, energy, water, and forestry were required to prepare GHG reduction plans by September 2015, followed by a report on action taken in relation to these plans in June 2016. EO B-30-15 does not require local agencies to take any action to meet the new interim GHG reduction target.

**Senate Bill 32 and Assembly Bill 197.** SB 32 and AB 197 (enacted in 2016) are companion bills that set a new statewide GHG reduction targets, make changes to CARB's membership and increase legislative oversight of CARB's climate change-based activities, and expand dissemination of GHG and other air-quality-related emissions data to enhance transparency and accountability. More specifically, SB 32 codified the 2030 emissions reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to CARB as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and requires CARB to identify specific information for GHG emissions reduction measures when updating the Scoping Plan.

**Senate Bill 605 and Senate Bill 1383.** SB 605 (2014) required CARB to complete a comprehensive strategy to reduce emissions of short-lived climate pollutants in the state, and SB 1383 (2016) required CARB to approve and implement that strategy by January 1, 2018. The Short-Lived Climate Pollutants Reduction Strategy was approved by CARB in March 2017, and lays out a range of options to reduce short-lived climate pollutant emissions in California, including regulations, incentives, and other market-supporting activities. SB 1383 also establishes specific targets for the reduction of short-lived climate pollutants (40% below 2013 levels by 2030 for $CH_4$ and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon), and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its Short-Lived Climate Pollutant Reduction Strategy in March 2017. This strategy establishes a framework for the statewide reduction of emissions of black carbon, $CH_4$, and fluorinated gases.

**Senate Bill 1020.** SB 1020 (September 2022) revises the standards from SB 100, requiring the following percentage of retail sales of electricity to California end-use customers come from eligible renewable energy resources and zero-carbon resources:

- 90% by December 31, 2035
- 95% by December 31, 2040
- 100% by December 31, 2045

## Building Energy

**Title 24, Part 6.** Title 24 of the California Code of Regulations was established in 1978 and serves to enhance and regulate California's building standards. Although not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every few years by the Building Standards Commission and California Energy Commission (CEC) and revised if necessary (California Public Resources Code [PRC] Section 25402[b][1]). The regulations receive input from members of industry and the public, with the goal of "reducing of wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (PRC Section 25402). These regulations are carefully scrutinized and analyzed for technological and economic feasibility (PRC Section 25402[d]) and cost effectiveness (PRC Sections 25402[b][2] and [b][3]). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The 2019 Title 24 standards are the currently applicable building energy efficiency standards, and became effective on January 1, 2020. The 2019 Title 24 Building Energy Efficiency Standards will further reduce energy used and associated GHG emissions compared to prior standards. In general, single-family residences built to the 2019 standards are anticipated to use approximately 7% less energy due to energy efficiency measures than those built to the 2016 standards; once rooftop solar electricity generation is factored in, single-family residences built under the 2019 standards will use approximately 53% less energy than those under the 2016 standards (CEC 2018). Nonresidential buildings built to the 2019 standards are anticipated to use an estimated 30% less energy than those built to the 2016 standards (CEC 2018).

The 2022 Title 24 standards will improve upon the 2019 standards for new construction of, and additions and alterations to, residential and nonresidential buildings. The CEC adopted the 2022 Title 24 Energy Code in August 2021 and the California Building Standards Commission approved incorporating the updated code into the California Building Standards Code (CALGreen) in December 2021. The 2022 Energy Code went into effect on January 1, 2023. The 2022 Energy Code focuses on four key areas in newly constructed homes and businesses:

- Encouraging electric heat pump technology for space and water heating, which consumes less energy and produces fewer emissions than gas-powered units.
- Establishing electric-ready requirements for single-family homes to position owners to use cleaner electric heating, cooking, and electric vehicle (EV) charging options whenever they choose to adopt those technologies.
- Expanding solar photovoltaic (PV) system and battery storage standards to make clean energy available onsite and complement the state's progress toward a 100% clean electricity grid.
- Strengthening ventilation standards to improve indoor air quality.

**Title 24, Part 11.** In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as California's Green Building Standards (CALGreen), and establishes minimum mandatory standards and voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum

environmental performance standards for all ground-up, new construction of commercial, low-rise residential and state-owned buildings, schools, and hospitals. The CALGreen 2019 standards, which are the current standards, became effective January 1, 2020.

The 2022 standards will improve upon the 2019 standards for new construction of, and additions and alterations to, residential and nonresidential buildings. The CEC updates the Title 24 Energy Code every 3 years. The CEC adopted the 2022 Title 24 Energy Code in August 2021 and the California Building Standards Commission approved incorporating the updated code into the California Building Standards Code (CALGreen) in December 2021. The 2022 Energy Code went into effect on January 1, 2023. When compared to the 2019 Title 24 Standards, the 2022 amendments include measures that will further reduce energy use in single family, multifamily, and nonresidential buildings, through the following strategies (CEC 2021a):

- New prescriptive and performance standards for electric heat pumps for space conditioning and water heating, as appropriate for the various climate zones in California,
- Require PV and battery storage systems for newly constructed multifamily and selected nonresidential buildings,
- Updated efficiency measures for lighting, building envelope, HVAC, and

Improvements to reduce the energy loads of certain equipment covered by (i.e., subject to the requirements of) the Energy Code that perform a commercial process that is not related to the occupant needs in the building (such as refrigeration equipment in refrigerated warehouses, or air conditioning for computer equipment in data processing centers).

Title 20. Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency. Performance of appliances must be certified through the CEC to demonstrate compliance with standards. New appliances regulated under Title 20 include refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing for each type of appliance covered under the regulations, and appliances must meet the standards for energy performance, energy design, water performance, and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

Assembly Bill 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general-purpose lighting to reduce electricity consumption by 50% for indoor residential lighting and by 25% for indoor commercial lighting.

Senate Bill 1. SB 1 (Murray) (August 2006) established a $3 billion rebate program for the installation of rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections to the Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for photovoltaic systems to meet minimum energy efficiency levels and performance requirements. Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry.

The goals included establishing solar energy systems as a viable mainstream option for homes and businesses within 10 years of adoption, and placing solar energy systems on 50% of new homes within 13 years of adoption.

**Assembly Bill 1470.** This bill established the Solar Water Heating and Efficiency Act of 2007. AB 1470 makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand. AB 1470 defines several terms for purposes of the act. The bill required a commission to evaluate the data available from a specified pilot program, and to design and implement a program of incentives for the installation of 200,000 solar water heating systems in homes and businesses throughout the state by 2017.

### Renewable Energy and Energy Procurement

**Senate Bill 1078 (2002)** established the Renewables Portfolio Standard (RPS) program, which requires an annual increase in renewable generation by the utilities. Initially, the RPS required utilities to obtain 20% of their power from renewable sources by 2010. SB X1-2 (2011) subsequently expanded the RPS by establishing that 33% of the total electricity sold to retail customers in California per year by December 31, 2020, and in subsequent years, be secured from qualifying renewable energy sources. SB 350 (2015) further expanded the RPS by establishing that 50% of the total electricity sold to retail customers in California per year by December 31, 2030, be secured from qualifying renewable energy sources. And SB 100 (2018) further accelerated the RPS, requiring achievement of a 50% RPS by December 31, 2026, and a 60% RPS by December 31, 2030. SB 100 also established a new state policy goal that calls for eligible renewable energy resources and zero-carbon resources to supply 100% of electricity retail sales and 100% of electricity procured to serve all state agencies by December 31, 2045.

Under the program, a renewable electrical generation facility is one that uses biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation of 30 megawatts or less, digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location.

### Mobile Sources

**State Vehicle Standards.** Assembly Bill 1493 (July 2002) was enacted in response to the transportation sector accounting for more than one-half of California's $CO_2$ emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by the state board to be vehicles that are primarily used for noncommercial personal transportation in the state. AB 1493 required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of zero-emissions vehicles. It ordered CARB, CEC, the California Public Utilities Commission, and other relevant agencies to work with the Plug-In Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 established a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare.

**Executive Order S-1-07.** Issued on January 18, 2007, EO S-1-07 sets a declining Low Carbon Fuel Standard for GHG emissions measured in $CO_2e$ grams per unit of fuel energy sold in California. The initial target of the Low Carbon Fuel Standard was to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020.

The Low Carbon Fuel Standard was subsequently amended in 2018 to require a 20% reduction in carbon intensity by 2030. This new requirement aligns with the California's overall 2030 target of reducing climate changing emissions to 40% below 1990 levels by 2030, set by SB 32. CARB has adopted implementing regulations for both the 10% and 20% carbon intensity reduction targets.

Senate Bill 375. SB 375 (2008) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 required CARB to adopt regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035. Regional metropolitan planning organizations (MPO) are then responsible for preparing a Sustainable Communities Strategy (SCS) within their Regional Transportation Plan (RTP). The goal of the SCS is to establish a forecasted development pattern for the region that, after considering transportation measures and policies, will achieve, if feasible, the GHG reduction targets. If an SCS is unable to achieve the GHG reduction target, a metropolitan planning organization must prepare an Alternative Planning Strategy demonstrating how the GHG reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

Pursuant to California Government Code Section 65080(b)(2)(K), an SCS does not regulate the use of land; supersede the land use authority of cities and counties; or require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it. Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process.

In 2010, CARB adopted the SB 375 targets for the regional MPOs. The targets adopted for SANDAG in 2010 are a 7% reduction in per-capita passenger-vehicle GHG emissions by 2020 and a 13% reduction by 2035, measured relative to 2005 GHG emissions. In 2018, CARB adopted the second round of SB 375 reduction targets, and increased SANDAG's 2020 target to a 15% reduction in per-capita passenger-vehicle GHG emissions, and the 2035 target to a 19% reduction using the same 2005 baseline.

SANDAG completed and adopted its 2050 RTP/SCS in October 2011. In November 2011, CARB, by resolution, accepted SANDAG's GHG emissions quantification analysis and determination that, if implemented, the SCS would achieve CARB's 2020 and 2035 GHG emissions reduction targets for the region.

After SANDAG's 2050 RTP/SCS was adopted, a lawsuit was filed challenging EO S-3-05's 2050 goal of an 80% reduction in GHG emissions from 1990 levels. The Supreme Court of California held that the Environmental Impact Report at issue was sufficient to inform the public, based on the information available at the time, about the regional plan's GHG impacts and its potential inconsistency with state climate change goals without including an explicit analysis of the consistency of projected 2050 GHG emissions with the goals in the executive order. (*Cleveland National Forest Foundation v. San Diego Association of Governments* (2017) 3 Cal. 5th 497.)

In 2015, SANDAG adopted the next iteration of its RTP/SCS in accordance with statutorily mandated timelines and no subsequent litigation challenge was filed. More specifically, in October 2015, SANDAG adopted San Diego Forward: The Regional Plan (Regional Plan) (SANDAG 2015). Like the 2050 RTP/SCS, San Diego Forward: Regional Plan meets CARB's 2020 and 2035 reduction targets for the region (SANDAG 2015). In December 2015, CARB, by resolution, accepted SANDAG's GHG emissions quantification analysis and determination that, if implemented, the SCS would achieve CARB's 2020 and 2035 GHG emissions reduction targets for the region. The Regional Plan was updated in 2021, which was the result of years of planning, data analysis, and community engagement to reimagine

the San Diego region with a transformative transportation system, a sustainable pattern of growth and development, and innovative demand and management strategies (SANDAG 2021).

On February 26, 2021, SANDAG's Board of Directors adopted the final 2021 Regional Transportation Improvement Program (RTIP). The 2021 RTIP covers five fiscal years (FY 2021 through FY 2025) and incrementally implements the SANDAG 2019 Federal Regional Transportation Plan. The 2021 RTIP is designed to implement the region's overall strategy for providing mobility and improving the safety, condition, and efficiency of the transportation system while reducing transportation related air pollution. The 2021 RTIP incrementally implements San Diego Forward: The 2019 Federal Regional Transportation Plan (2019 Federal RTP), the long-range transportation plan for the San Diego region approved by the SANDAG Board of Directors on October 25, 2019.

Advanced Clean Cars Program. The Advanced Clean Cars program (January 2012) is an emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package. The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. To improve air quality, CARB implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that by 2025, cars will emit 75% less smog-forming pollution than the average new car sold in 2012. To reduce GHG emissions, CARB, in conjunction with the EPA and NHTSA, adopted new GHG standards for model year 2017 to 2025 vehicles; the new standards are estimated to reduce GHG emissions by 34% in 2025. The zero-emissions vehicle (ZEV) program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018 to 2025 model years.

Assembly Bill 1236. AB 1236 (October 2015) (Chiu) directs cities and/or counties to approve an application for the installation of electric vehicle charging stations, as defined, through the issuance of specified permits unless the city or county makes specified written findings based on substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. AB 1236 provided for appeal of that decision to the planning commission, as specified. The bill provided that the implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric vehicle charging stations is a matter of statewide concern. The bill required electric vehicle charging stations to meet specified standards. AB 1236 required a city, county, or city and county with a population of 200,000 or more residents to adopt an ordinance, by September 30, 2016, that created an expedited and streamlined permitting process for electric vehicle charging stations. The bill also required a city, county, or city and county with a population of fewer than 200,000 residents to adopt this ordinance by September 30, 2017.

Executive Order B-16-12. EO B-16-12 (2012) directs state entities to support and facilitate development and distribution ZEVs. On a statewide basis, EO B-16-12 also establishes a GHG emissions reduction target from the transportation sector equaling 80% less than 1990 levels by 2050. In furtherance of this executive order, the Governor convened an Interagency Working Group on ZEVs that has published multiple reports regarding the progress made on the penetration of ZEVs in the statewide vehicle fleet.

Senate Bill 350. In 2015, SB 350 – the Clean Energy and Pollution Reduction Act – was enacted into law. As one of its elements, SB 350 establishes a statewide policy for widespread electrification of the transportation sector, recognizing that such electrification is required for achievement of the state's 2030 and 2050 reduction targets (see California Public Utilities Code, Section 740.12).

## Solid Waste

**Assembly Bill 939, Assembly Bill 341, and Assembly Bill 1826.** In 1989, AB 939, known as the Integrated Waste Management Act (PRC Sections 40000 et seq.), was passed because of the increase in waste stream and decrease in landfill capacity. The statute established the California Integrated Waste Management Board, which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed of where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by 2000.

AB 341 amended the California Integrated Waste Management Act to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by 2020, and annually thereafter. In addition, AB 341 required the California Department of Resources Recycling and Recovery (CalRecycle) to develop strategies to achieve the state's policy goal. CalRecycle published a discussion document titled AB 341 Report to the Legislature, which identified five priority strategies that CalRecycle believed would assist the state in reaching the 75% goal by 2020, legislative and regulatory recommendations, and an evaluation of program effectiveness (CalRecycle 2015).

AB 1826 (requires businesses to recycle their organic waste (i.e., food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste) depending on the amount of waste they generate per week. This law also requires local jurisdictions across the state to implement an organic waste recycling program to divert organic waste generated by businesses, including multi-family residential dwellings that consist of five or more units. The minimum threshold of organic waste generation by businesses decreases over time, which means an increasingly greater proportion of the commercial sector will be required to comply.

## Water

**Executive Order B-29-15.** (April 2015) Sets a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the executive order extended through February 28, 2016, although many of the directives have since become permanent water-efficiency standards and requirements. The executive order includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increased the requirements for landscape water use efficiency and broadened its applicability to include new development projects with smaller landscape areas.

**Executive Order B-37-16.** Issued May 2016, EO B-37-16 directed the State Water Resources Control Board to adjust emergency water conservation regulations through the end of January 2017 to reflect differing water supply conditions across the state. The State Water Resources Control Board also developed a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The State Water Resources Control Board and Department of Water Resources will develop new, permanent water use targets that build on the existing state law requirements that the state achieve 20% reduction in urban water usage by 2020. EO B-37-16 also specifies that the State Water Resources Control Board permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in fountains and other decorative water features; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.

## Other State Regulations and Goals

**Senate Bill 97.** (Dutton) (August 2007) directed the Governor's Office of Planning and Research to develop guidelines under CEQA for the mitigation of GHG emissions. In 2008, the Governor's Office of Planning and Research issued a technical advisory as interim guidance regarding the analysis of GHG emissions in CEQA documents. The advisory indicated that the lead agency should identify and estimate a project's GHG emissions, including those associated with vehicular traffic, energy consumption, water usage, and construction activities (OPR 2007). The advisory further recommended that the lead agency determine significance of the impacts and impose all mitigation measures necessary to reduce GHG emissions to a level that is less than significant. The CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended CEQA Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR § 15064.4[a]). The CEQA Guidelines require a lead agency to consider the extent to which a project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR § 15064.4[b]). The CEQA Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures. The adopted amendments do not establish a GHG emissions threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. The CNRA also acknowledged that a lead agency may consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009a).

With respect to GHG emissions, the CEQA Guidelines state in Section 15064.4(a) that lead agencies should "make a good faith effort, to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines note that an agency may identify emissions by either selecting a "model or methodology" to quantify the emissions or by relying on "qualitative analysis or other performance-based standards" (14 CCR § 15064.4[a]). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: the extent a project may increase or reduce GHG emissions as compared to the existing environmental setting; whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]).

**Executive Order S-13-08.** EO Order S-13-08 (November 2008) Directs state agencies to take specified actions to assess and plan for global climate change impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009 (CNRA 2009b), and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014 (CNRA 2014). To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: agriculture, biodiversity and habitat, emergency management, energy, forestry, ocean and coastal ecosystems and resources, public health, transportation, and water.

### 3.2.3 Local

#### Sustainable Santee Plan

The City adopted the Sustainable Santee Plan in December of 2019 (City of Santee 2019). The Sustainable Santee Plan serves as the City's climate action plan (CAP) with the primary purpose or goals as follows:

1. Present the City's plan for achieving sustainability by utilizing resources efficiently, reducing greenhouse gas emissions, and preparing for potential climate-related impacts.
2. Identify how the City will effectively implement the Sustainable Santee Plan by obtaining funding for program implementation and tracking and monitoring the progress of the Plan implementation over time.
3. Allow streamlined CEQA compliance for new development by preparing an Environmental Impact Report for the Plan and developing tools that provide clear guidance to developers and other project proponents.
4. Maintain economic competitiveness within the region.

The Sustainable Santee Action Plan Project Consistency Checklist (Checklist) is intended to be a tool for development projects to demonstrate consistency with Santee's (City's) Sustainable Santee Action Plan, which is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with California Environmental Quality Act (CEQA) Guidelines Section 15183.5. This Checklist has been developed as part of the Sustainable Santee Action Plan implementation and monitoring process and will support the achievement of individual GHG reduction measures as well as the City's overall GHG reduction goals. In addition, this Checklist will further the City's sustainability goals and policies that encourage sustainable development and aim to conserve and reduce the consumption of resources, such as energy and water, among others.

## 3.3 Significance Criteria and Methodology

### 3.3.1 Thresholds of Significance

California has developed guidelines to address the significance of GHG emissions impacts that are contained in Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.). Appendix G provides that a project would have a significant environmental impact if it would:

1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

The Appendix G thresholds for GHGs do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009a). Additional guidance regarding assessment of GHGs is discussed below.

### CEQA Guidelines

With respect to GHG emissions, the CEQA Guidelines Section 15064.4(a) states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions resulting from a project. The CEQA Guidelines note that an agency has the discretion to either quantify a project's GHG emissions or rely on a "qualitative analysis or performance-based standards" (14 CCR 15064.4[a]). A lead agency may use a "model or methodology" to estimate greenhouse gas emissions and has the discretion to select the model or methodology it considers "most appropriate to enable decision makers to intelligently take into account the project's incremental contribution to climate change" (14 CCR 15064.4[c]). The CEQA Guidelines provide that the lead agency should consider the following when determining the significance of impacts from GHG emissions on the environment (14 CCR 15064.4[b]):

1. The extent a project may increase or reduce GHG emissions as compared to the existing environmental setting.
2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project.
3. The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions.

In addition, the CEQA Guidelines specify that "[w]hen adopting or using thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence" (14 CCR 15064.7[c]).

### Approaches to Determining Significance

As discussed above, The Sustainable Santee Action Plan Project Consistency Checklist (Checklist) is intended to be a tool for development projects to demonstrate consistency with Santee's (City's) Sustainable Santee Action Plan, which is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with California Environmental Quality Act (CEQA) Guidelines Section 15183.5. Therefore, the Checklist is used to determine significance in accordance with CEQA Guidelines Section 15183.5; therefore, the Checklist was used to evaluate the Project's significance with respect to GHG emissions. Construction and operational GHG emissions are quantified herein for informational purposes only.

## 3.3.2 Approach and Methodology

### Construction

Construction of the Project would result in emissions of GHG emissions primarily associated with use of off-road construction equipment, on-road haul and vendor (material delivery) truck trips, and worker vehicle trips. As discussed previously in Section 2.4.2, emissions from the construction phase of Project components were estimated using the CalEEMod Version 2022.1.1.4. Per preliminary Project details, it is assumed that construction of the Project would begin in June 2024 and would last approximately 15 months. A detailed depiction of the construction schedule—including information regarding phasing, equipment used during each phase, haul trucks, vendor trucks, and worker vehicles—is included in Section 2.4.2. above, and complete details of the emissions

calculations are provided in Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output Files*. Con-related GHG emissions were amortized over 30 years and added to operational emissions to assess significance.

## Operation

Project operations would generate $CO_2$, $CH_4$, and $N_2O$ emissions. Primary emissions sources would include:

- Area Source (landscape and site maintenance activities)
- Energy Source (combustion emissions associated with natural gas and electricity)
- Mobile Source (vehicles)
- On-Site Equipment Emissions
- Solid Waste
- Water Supply, Treatment, and Distribution

### Area

Landscape maintenance equipment would generate emissions from fuel combustion and evaporation of unburned fuel. Equipment in this category would include lawnmowers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers used to maintain the landscaping of the Project. The emissions associated with landscape maintenance equipment were calculated based on assumptions provided in CalEEMod. For San Diego County, CalEEMod assumes that landscaping equipment would operate 180 days per year.

### Energy

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). CalEEMod default values for energy consumption were applied to each land use. GHGs are emitted from buildings as a result of activities for which electricity and natural gas are typically used as energy sources. Combustion of any type of fuel emits $CO_2$ and other GHGs directly into the atmosphere; these emissions are considered direct emissions associated with a building; the building energy use emissions do not include street lighting.[11] The energy use from non-residential land uses is based on various studies and assessments as described in Section 7.3, *Estimating Energy Use from Other Land Uses*, of Appendix A of the CalEEMod User's Guide (CAPCOA 2021).

Annual natural gas and electricity emissions were estimated in CalEEMod using default values for emissions factors for San Diego Gas and Electric (SDG&E), which would be the energy source provider for the Project.

### Mobile Sources (Motor Vehicles)

All details for criteria air pollutants discussed in Section 2.0, Air Quality, are also applicable for the estimation of operational mobile source GHG emissions. It was assumed that the warehouse would operate 7 days per week; therefore, 365 days of vehicle emissions were assumed. Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards

[11] The CalEEMod emissions inventory model does not include indirect emission related to street lighting. Indirect emissions related to street lighting are expected to be negligible and cannot be accurately quantified at this time as there is insufficient information as to the number and type of street lighting that would occur.

for automobiles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the National Highway Traffic Safety Administration and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the Project's motor vehicles. The effectiveness of fuel economy improvements was evaluated to the extent it was captured in the EMFAC2021 emission factors for motor vehicles in 2025.

#### On-Site Equipment Source Emissions.

It is common for industrial buildings to require cargo handling equipment to move empty containers and empty chassis to and from the various pieces of cargo handling equipment that receive and distribute containers. The most common type of cargo handling equipment forklifts, pallet jacks and yard trucks which are designed for moving cargo containers. Yard trucks are also known as yard goats, utility tractors, hustlers, yard hostlers, and yard tractors. The cargo handling equipment is assumed to have a horsepower (hp) range of approximately 175 hp to 215 hp. For this particular project, based on the maximum square footage of building space permitted by the Project, on-site modeled operational equipment includes a total of 36, Tier4i or better diesel fueled forklifts (forklifts and pallet jacks) and 1 Tier4i or better diesel fueled yard tractors operating at 8 hours a day for 365 days of the year. See Appendix B-2 for detail calculations.

#### Solid Waste

The Project would generate solid waste, and therefore, result in $CO_2e$ emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste.

#### Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the Project require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the Project requires the use of electricity for conveyance and treatment, along with GHG emissions generated during wastewater treatment.

For additional details see Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output File*s.

## 3.4 Impact Analysis

This section evaluates the GHG emissions impacts associated with the Project. The significance criteria described in Section 3.3.1, Thresholds of Significance, were used to evaluate impacts associated with the construction and operation of the Project.

***Threshold 1:*** ***Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?***

***Threshold 2:*** ***Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?***

As discussed above in Section 3.2.3, the Sustainable Santee Action Plan Project Consistency Checklist (Checklist) is intended to be a tool for development projects to demonstrate consistency with Santee's (City's) Sustainable Santee

Action Plan, which is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with California Environmental Quality Act (CEQA) Guidelines Section 15183.5. This Checklist has been developed as part of the Sustainable Santee Action Plan implementation and monitoring process and will support the achievement of individual GHG reduction measures as well as the City's overall GHG reduction goals. Project-generated GHG emissions were estimated per the methodology described in Section 3.3.2 and are discussed for construction and operation below.

## Project GHG Emissions

### Construction

Table 18 shows the estimated annual GHG construction emissions associated with the Project. Additional information about methodology and approach are provided above in Section 3.3.2. Complete details of the construction emissions calculations are provided in Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output Files*.

**Table 18. Estimated Annual Construction GHG Emissions**

| Year | $CO_2$ | $CH_4$ | $N_2O$ | R | $CO_2e$ |
|---|---|---|---|---|---|
| | Metric Tons | | | | |
| 2024 | 499 | 0.02 | 0.04 | 0.32 | 511 |
| 2025 | 257 | 0.01 | 0.01 | 0.16 | 261 |
| Total | *756* | *0.03* | *0.05* | *0.48* | *772* |
| | | | | *Amortized Emissions (30 years)* | *25.73* |

**Source:** CalEEMod Version 2020.4.0.
**Notes:** GHG = greenhouse gas; $CO_2$ = carbon dioxide; $CH_4$ = methane; $N_2O$ = nitrous oxide; $CO_2e$ = carbon dioxide equivalent; R = refrigerants.
See Appendix A for complete results. <0.01 = reported value is less than 0.01.

As shown in Table 18, the estimated total GHG emissions from construction of the Project would be 772MT $CO_2e$. When amortized over 30 years, the estimated annual GHG emissions from construction of the Project would be approximately 26 MT $CO_2e$ per year.

### Operation

Table 19 shows the estimated annual GHG operational emissions associated with the Project. As discussed above, total annual operational emissions were combined with amortized (30 years) construction emissions and provided for informational purposes only. As shown in Table 19, implementation of the Project would result in approximately 4,573.78 MT $CO_2e$ per year including amortized construction emissions. Complete details of the construction emissions calculations are provided in Appendix A, *Air Quality and Greenhouse Gas Emissions CalEEMod Output Files*.

**Table 19. Summary of Estimated Annual GHG Emissions**

| Emissions Source | MT $CO_2$ | MT $CH_4$ | MT $N_2O$ | R | MT $CO_2e$ |
|---|---|---|---|---|---|
| Area | 4.38 | <0.005 | <0.005 | - | 4.40 |
| Energy | 565.00 | 0.04 | <0.005 | - | 567.00 |

**Table 19. Summary of Estimated Annual GHG Emissions**

| Emissions Source | MT $CO_2$ | MT $CH_4$ | MT $N_2O$ | R | MT $CO_2e$ |
|---|---|---|---|---|---|
| Mobile | 2,895.00 | 0.12 | 0.33 | 3.76 | 2,999.00 |
| Off-road (Cargo Handling) | 665 | 0.03 | 0.01 | - | 668 |
| Stationary | 9.52 | <0.005 | <0.005 | 0 | 9.55 |
| Waste | 25.20 | 2.52 | 0 | - | 88.10 |
| Water | 139.00 | 2.27 | 0.05 | - | 212.00 |
| | | | | *Amortized Construction Emissions (30 years)* | *25.73* |
| | | | | **Total Project Emissions** | ***4,573.78*** |

**Source**: See Appendix A for complete results.
**Notes:** GHG = greenhouse gas; MT = metric tons; $CO_2$ = carbon dioxide; $CH_4$ = methane; $N_2O$ = nitrous oxide; $CO_2e$ = carbon dioxide equivalent; R = refrigerants. <0.01 = reported value is less than 0.01.

### Sustainable Santee Action Plan Project Consistency Checklist (Checklist)

The Checklist is used to determine significance in accordance with CEQA Guidelines Section 15183.5; therefore, the Checklist was used to evaluate the Project's significance with respect to GHG emissions. The City's General Plan designates the Project site for Light Industrial uses and the site is zoned for Light Industrial, per the City's Zoning Code. The proposed Project would be consistent with Chapter 13.14 of the City's Municipal Code, which states that allowed industrial and related uses including warehousing/distribution, assembly and light manufacturing, repair facilities, and business parks, including corporate offices (City of Santee 2017; City of Santee 2020). This zoning is consistent with the Light Industrial land use designation of the General Plan (City of Santee 2017; City of Santee 2020). Table 20 includes the applicable Checklist items and the related project consistency analysis. Please see Appendix C, *Sustainable Santee Action Plan Project Checklist* for complete details.

**Table 20. Sustainable Santee Action Plan Project Checklist**

| Check List Item | Project Consistency |
|---|---|
| **Measure 4.1.** New commercial units meet or exceed California Green Building Standards Tier 2 Voluntary Measures such as obtain green building ratings including: LEED, Build it Green, or Energy Star Certified buildings certification in scoring development and explain the measures implemented. | **Consistent.** The Project meet or exceed CALGreen Tier 2 Standards in effect at the time of the building permit application. Documentation shall be provided to the City demonstrating that the Project meets this requirement prior to the issuance of the building permit. |
| **Measure 5.1** Project utilizes tree planting for shade and energy efficiency such as tree planting in parking lots and streetscapes. | **Consistent.** Landscaping will be installed in the passenger parking area and around portions of the buildings as well as site frontages, including trees, shrubs and cover. See Figure 3-9 of the Landscape Plan. |
| **Measure 5.2.** Project uses light-reflecting surfaces such as enhanced cool roofs on commercial buildings. | **Consistent.** Roof structures shall be designed to include "cool roofs" materials with a minimum aged reflectance and thermal emittance values equal to or greater than the current CALGreen Table A5.106.11.3, Tier 1. |

## Table 20. Sustainable Santee Action Plan Project Checklist

| Check List Item | Project Consistency |
|---|---|
| **Measure 6.1** Proposed project streets include sidewalks, crosswalks, and other infrastructure that promotes non-motorized transportation options. | **Consistent.** The Project would include street, sidewalk, and landscape improvements, as shown on Figure 3-7, Conceptual Site Plan |
| **Measure 7.1** Install electric vehicle chargers in all new residential and commercial developments. | **Consistent.** The Project includes 16 EVCS (EV Capable Stall with EVSE). See site plan. |
| **Measure 7.1 d.** For new industrial and other Land Uses employing 200 or more employees, install e-chargers for 5 percent of the total parking spaces. | **Consistent.** The Project includes 301 total parking spaces. 301 x 0.05 = 15 spaces. The Project includes 16 EVCS with EVSE. |
| **Measure 8.1** Implement traffic flow improvement program | **Not Applicable.** The project includes no traffic controls. |
| **Measure 9.1.** Reduce waste at landfills. | **Consistent.** The Project will include storage areas for recyclables and green waste as well as food waste. |
| **Measure 10.1 c.** On commercial buildings, install at least 2 kW per square foot of building area (e.g., 2,000 sqft = 3kW) unless the installation is infeasible due to poor solar resources. | **Consistent.** The Project will include 450 kW of solar PV based on 300,145 SF / (2,000SF/3kW) |

**Source:** Appendix C, CAP Consistency Checklist

As shown in Table 20, the Project is consistent with the Sustainable Santee Action Plan Checklist adopted by the City to ensure that the emission targets identified in the Sustainable Santee Action Plan are achieved. The Sustainable Santee Action Plan determined that a project consistent with the Checklist would not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment. Therefore, the Project would not generate GHG emissions that may have a significant impact on the environment; impacts would be **less than significant**.

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# Appendix A

CalEEMod Outputs and Estimated Emissions

# Santee Business Center v3 Const and Operation Tier4i Equipment Non HRA Detailed Report

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5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field | Value |
|---|---|
| Project Name | Santee Business Center v3 Const and Operation Tier4i Equipment Non HRA |
| Construction Start Date | 6/1/2024 |
| Operational Year | 2025 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.60 |
| Precipitation (days) | 13.8 |
| Location | 32.848398162979834, -116.95965642758257 |
| County | San Diego |
| City | Santee |
| Air District | San Diego County APCD |
| Air Basin | San Diego |
| TAZ | 6534 |
| EDFZ | 12 |
| Electric Utility | San Diego Gas & Electric |
| Gas Utility | San Diego Gas & Electric |
| App Version | 2022.1.1.21 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 150 | 1000sqft | 3.45 | 150,073 | 50,441 | 0.00 | — | — |
| Unrefrigerated Warehouse-Rail | 150 | 1000sqft | 3.45 | 150,073 | 0.00 | 0.00 | — | — |
| Parking Lot | 51.5 | 1000sqft | 1.18 | 0.00 | 0.00 | 0.00 | — | 301 spaces |
| Other Asphalt Surfaces | 115 | 1000sqft | 2.65 | 0.00 | 0.00 | 0.00 | — | Includes repave of ROW entrance |
| Other Non-Asphalt Surfaces | 95.9 | 1000sqft | 2.20 | 0.00 | 0.00 | 0.00 | — | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|---|---|---|
| Construction | C-5 | Use Advanced Engine Tiers |

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mit. | 2.11 | 58.8 | 31.6 | 36.4 | 0.12 | 0.44 | 13.8 | 14.2 | 0.43 | 2.52 | 2.95 | — | 17,763 | 17,763 | 0.90 | 2.21 | 29.9 | 18,475 |
| % Reduced | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mit. | 1.31 | 1.15 | 11.5 | 21.3 | 0.03 | 0.14 | 1.39 | 1.52 | 0.13 | 0.34 | 0.47 | — | 4,823 | 4,823 | 0.21 | 0.24 | 0.21 | 4,900 |
| % Reduced | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mit. | 0.59 | 4.43 | 6.65 | 10.3 | 0.02 | 0.08 | 1.56 | 1.64 | 0.08 | 0.35 | 0.43 | — | 3,012 | 3,012 | 0.14 | 0.23 | 1.93 | 3,085 |
| % Reduced | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mit. | 0.11 | 0.81 | 1.21 | 1.88 | < 0.005 | 0.01 | 0.28 | 0.30 | 0.01 | 0.06 | 0.08 | — | 499 | 499 | 0.02 | 0.04 | 0.32 | 511 |
| % Reduced | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 2.11 | 1.26 | 31.6 | 36.4 | 0.12 | 0.44 | 13.8 | 14.2 | 0.43 | 2.52 | 2.95 | — | 17,763 | 17,763 | 0.90 | 2.21 | 29.9 | 18,475 |
| 2025 | 1.28 | 58.8 | 11.3 | 21.6 | 0.03 | 0.13 | 1.39 | 1.52 | 0.12 | 0.34 | 0.46 | — | 4,844 | 4,844 | 0.21 | 0.24 | 7.73 | 4,928 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.31 | 1.15 | 11.5 | 21.3 | 0.03 | 0.14 | 1.39 | 1.52 | 0.13 | 0.34 | 0.47 | — | 4,823 | 4,823 | 0.21 | 0.24 | 0.21 | 4,900 |
| 2025 | 1.27 | 1.11 | 11.4 | 20.9 | 0.03 | 0.13 | 1.39 | 1.52 | 0.12 | 0.34 | 0.46 | — | 4,779 | 4,779 | 0.21 | 0.24 | 0.20 | 4,856 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.59 | 0.48 | 6.65 | 10.3 | 0.02 | 0.08 | 1.56 | 1.64 | 0.08 | 0.35 | 0.43 | — | 3,012 | 3,012 | 0.14 | 0.23 | 1.93 | 3,085 |
| 2025 | 0.45 | 4.43 | 4.17 | 7.50 | 0.01 | 0.05 | 0.40 | 0.45 | 0.05 | 0.10 | 0.15 | — | 1,553 | 1,553 | 0.07 | 0.07 | 0.94 | 1,576 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.11 | 0.09 | 1.21 | 1.88 | < 0.005 | 0.01 | 0.28 | 0.30 | 0.01 | 0.06 | 0.08 | — | 499 | 499 | 0.02 | 0.04 | 0.32 | 511 |
| 2025 | 0.08 | 0.81 | 0.76 | 1.37 | < 0.005 | 0.01 | 0.07 | 0.08 | 0.01 | 0.02 | 0.03 | — | 257 | 257 | 0.01 | 0.01 | 0.16 | 261 |

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.99 | 2.25 | 17.3 | 25.9 | 0.17 | 0.23 | 8.36 | 8.58 | 0.21 | 2.17 | 2.38 | — | 18,014 | 18,014 | 0.71 | 1.97 | 53.6 | 18,672 |
| Area | 2.32 | 8.99 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Stationary | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 7.20 | 13.0 | 43.9 | 81.6 | 0.23 | 0.56 | 8.36 | 8.92 | 0.56 | 2.17 | 2.72 | 285 | 28,246 | 28,531 | 30.1 | 2.36 | 53.6 | 30,042 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.96 | 2.21 | 18.0 | 24.2 | 0.17 | 0.23 | 8.36 | 8.58 | 0.22 | 2.17 | 2.38 | — | 17,738 | 17,738 | 0.73 | 1.98 | 1.39 | 18,348 |
| Area | — | 6.85 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Stationary | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 4.85 | 10.8 | 44.5 | 66.8 | 0.23 | 0.54 | 8.36 | 8.90 | 0.53 | 2.17 | 2.70 | 285 | 27,916 | 28,202 | 30.1 | 2.38 | 1.39 | 29,664 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.84 | 2.10 | 17.9 | 23.2 | 0.16 | 0.22 | 8.01 | 8.24 | 0.21 | 2.08 | 2.29 | — | 17,488 | 17,488 | 0.71 | 1.97 | 22.7 | 18,117 |
| Area | 1.14 | 7.90 | 0.05 | 6.44 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 26.5 | 26.5 | < 0.005 | < 0.005 | — | 26.6 |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.61 | 0.61 | 16.4 | 28.2 | 0.04 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 4,018 | 4,018 | 0.16 | 0.03 | — | 4,032 |
| Stationary | 0.12 | 0.11 | 0.31 | 0.29 | < 0.005 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 57.5 | 57.5 | < 0.005 | < 0.005 | 0.00 | 57.7 |
| Total | 4.84 | 10.8 | 35.9 | 59.1 | 0.21 | 0.42 | 8.01 | 8.43 | 0.41 | 2.08 | 2.49 | 285 | 25,709 | 25,994 | 30.0 | 2.35 | 22.7 | 27,467 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.52 | 0.38 | 3.27 | 4.24 | 0.03 | 0.04 | 1.46 | 1.50 | 0.04 | 0.38 | 0.42 | — | 2,895 | 2,895 | 0.12 | 0.33 | 3.76 | 2,999 |
| Area | 0.21 | 1.44 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |
| Energy | 0.02 | 0.01 | 0.22 | 0.18 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 565 | 565 | 0.04 | < 0.005 | — | 567 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 22.0 | 117 | 139 | 2.27 | 0.05 | — | 212 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 25.2 | 0.00 | 25.2 | 2.52 | 0.00 | — | 88.1 |
| Off-Road | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |
| Stationary | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |
| Total | 0.88 | 1.97 | 6.54 | 10.8 | 0.04 | 0.08 | 1.46 | 1.54 | 0.07 | 0.38 | 0.45 | 47.2 | 4,256 | 4,304 | 4.97 | 0.39 | 3.76 | 4,548 |

# 3. Construction Emissions Details

## 3.1. Demolition (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 3.2. Demolition (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.00 | 0.90 | 13.2 | 22.5 | 0.04 | 0.20 | — | 0.20 | 0.19 | — | 0.19 | — | 4,010 | 4,010 | 0.16 | 0.03 | — | 4,023 |
| Demolition | — | — | — | — | — | — | 10.2 | 10.2 | — | 1.54 | 1.54 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.07 | 0.06 | 0.90 | 1.54 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 275 | 275 | 0.01 | < 0.005 | — | 276 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolitio | — | — | — | — | — | — | 0.70 | 0.70 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.16 | 0.28 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 45.5 | 45.5 | < 0.005 | < 0.005 | — | 45.6 |
| Demolitio n | — | — | — | — | — | — | 0.13 | 0.13 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.05 | 0.79 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 | 0.03 | 0.03 | — | 155 | 155 | 0.01 | 0.01 | 0.62 | 157 |
| Vendor | 0.01 | < 0.005 | 0.14 | 0.06 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 102 | 102 | < 0.005 | 0.01 | 0.26 | 106 |
| Hauling | 1.03 | 0.29 | 18.2 | 6.47 | 0.09 | 0.24 | 3.41 | 3.65 | 0.24 | 0.93 | 1.18 | — | 13,497 | 13,497 | 0.73 | 2.16 | 29.0 | 14,188 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.05 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 10.1 | 10.1 | < 0.005 | < 0.005 | 0.02 | 10.2 |
| Vendor | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.98 | 6.98 | < 0.005 | < 0.005 | 0.01 | 7.29 |
| Hauling | 0.07 | 0.02 | 1.29 | 0.45 | 0.01 | 0.02 | 0.23 | 0.25 | 0.02 | 0.06 | 0.08 | — | 925 | 925 | 0.05 | 0.15 | 0.86 | 971 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 1.67 | 1.67 | < 0.005 | < 0.005 | < 0.005 | 1.70 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 1.16 | 1.16 | < 0.005 | < 0.005 | < 0.005 | 1.21 |
| Hauling | 0.01 | < 0.005 | 0.24 | 0.08 | < 0.005 | < 0.005 | 0.04 | 0.05 | < 0.005 | 0.01 | 0.01 | — | 153 | 153 | 0.01 | 0.02 | 0.14 | 161 |

## 3.3. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 3.4. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 1.00 | 0.96 | 18.9 | 35.4 | 0.06 | 0.18 | — | 0.18 | 0.17 | — | 0.17 | — | 6,598 | 6,598 | 0.27 | 0.05 | — | 6,621 |
| Dust From Material Movement | — | — | — | — | — | — | 3.59 | 3.59 | — | 1.42 | 1.42 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 1.09 | 2.04 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 380 | 380 | 0.02 | < 0.005 | — | 381 |
| Dust From Material Movement | — | — | — | — | — | — | 0.21 | 0.21 | — | 0.08 | 0.08 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.20 | 0.37 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 62.9 | 62.9 | < 0.005 | < 0.005 | — | 63.1 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.08 | 0.07 | 0.99 | 0.00 | 0.00 | 0.17 | 0.17 | 0.00 | 0.04 | 0.04 | — | 194 | 194 | 0.01 | 0.01 | 0.78 | 197 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.01 | < 0.005 | 0.14 | 0.06 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 102 | 102 | < 0.005 | 0.01 | 0.26 | 106 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | < 0.005 | < 0.005 | 0.05 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 10.6 | 10.6 | < 0.005 | < 0.005 | 0.02 | 10.8 |
| Vendor | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 5.86 | 5.86 | < 0.005 | < 0.005 | 0.01 | 6.12 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 1.76 | 1.76 | < 0.005 | < 0.005 | < 0.005 | 1.78 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.97 | 0.97 | < 0.005 | < 0.005 | < 0.005 | 1.01 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.5. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 3.6. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.64 | 0.58 | 9.26 | 15.0 | 0.02 | 0.12 | — | 0.12 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.64 | 0.58 | 9.26 | 15.0 | 0.02 | 0.12 | — | 0.12 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.19 | 0.17 | 2.68 | 4.34 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 694 | 694 | 0.03 | 0.01 | — | 697 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.49 | 0.79 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 115 | 115 | < 0.005 | < 0.005 | — | 115 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.57 | 0.53 | 0.42 | 6.23 | 0.00 | 0.00 | 1.07 | 1.07 | 0.00 | 0.25 | 0.25 | — | 1,219 | 1,219 | 0.06 | 0.04 | 4.90 | 1,239 |
| Vendor | 0.11 | 0.05 | 1.76 | 0.81 | 0.01 | 0.02 | 0.32 | 0.34 | 0.02 | 0.09 | 0.11 | — | 1,274 | 1,274 | 0.06 | 0.18 | 3.27 | 1,331 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.57 | 0.52 | 0.47 | 5.45 | 0.00 | 0.00 | 1.07 | 1.07 | 0.00 | 0.25 | 0.25 | — | 1,151 | 1,151 | 0.06 | 0.04 | 0.13 | 1,166 |
| Vendor | 0.11 | 0.05 | 1.82 | 0.84 | 0.01 | 0.02 | 0.32 | 0.34 | 0.02 | 0.09 | 0.11 | — | 1,274 | 1,274 | 0.06 | 0.18 | 0.08 | 1,329 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.16 | 0.15 | 0.13 | 1.60 | 0.00 | 0.00 | 0.31 | 0.31 | 0.00 | 0.07 | 0.07 | — | 336 | 336 | 0.02 | 0.01 | 0.61 | 341 |
| Vendor | 0.03 | 0.01 | 0.53 | 0.24 | < 0.005 | < 0.005 | 0.09 | 0.10 | < 0.005 | 0.03 | 0.03 | — | 369 | 369 | 0.02 | 0.05 | 0.41 | 385 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.03 | 0.02 | 0.29 | 0.00 | 0.00 | 0.06 | 0.06 | 0.00 | 0.01 | 0.01 | — | 55.7 | 55.7 | < 0.005 | < 0.005 | 0.10 | 56.5 |
| Vendor | 0.01 | < 0.005 | 0.10 | 0.04 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 61.1 | 61.1 | < 0.005 | 0.01 | 0.07 | 63.8 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.7. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 3.8. Building Construction (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 0.62 | 0.56 | 9.21 | 15.0 | 0.02 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.56 | 9.21 | 15.0 | 0.02 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.15 | 2.42 | 3.93 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 629 | 629 | 0.03 | 0.01 | — | 631 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.44 | 0.72 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 104 | 104 | < 0.005 | < 0.005 | — | 104 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.55 | 0.51 | 0.39 | 5.84 | 0.00 | 0.00 | 1.07 | 1.07 | 0.00 | 0.25 | 0.25 | — | 1,195 | 1,195 | 0.06 | 0.04 | 4.48 | 1,214 |
| Vendor | 0.11 | 0.05 | 1.66 | 0.77 | 0.01 | 0.02 | 0.32 | 0.34 | 0.02 | 0.09 | 0.11 | — | 1,251 | 1,251 | 0.06 | 0.18 | 3.25 | 1,309 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.54 | 0.50 | 0.43 | 5.11 | 0.00 | 0.00 | 1.07 | 1.07 | 0.00 | 0.25 | 0.25 | — | 1,129 | 1,129 | 0.06 | 0.04 | 0.12 | 1,144 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.10 | 0.05 | 1.73 | 0.80 | 0.01 | 0.02 | 0.32 | 0.34 | 0.02 | 0.09 | 0.11 | — | 1,252 | 1,252 | 0.06 | 0.18 | 0.08 | 1,306 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.14 | 0.13 | 0.11 | 1.36 | 0.00 | 0.00 | 0.28 | 0.28 | 0.00 | 0.06 | 0.06 | — | 299 | 299 | 0.02 | 0.01 | 0.51 | 303 |
| Vendor | 0.03 | 0.01 | 0.45 | 0.21 | < 0.005 | < 0.005 | 0.08 | 0.09 | < 0.005 | 0.02 | 0.03 | — | 328 | 328 | 0.01 | 0.05 | 0.37 | 343 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.03 | 0.02 | 0.02 | 0.25 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.01 | 0.01 | — | 49.4 | 49.4 | < 0.005 | < 0.005 | 0.08 | 50.2 |
| Vendor | 0.01 | < 0.005 | 0.08 | 0.04 | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 54.3 | 54.3 | < 0.005 | 0.01 | 0.06 | 56.8 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.9. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 3.10. Paving (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.51 | 0.46 | 6.78 | 10.6 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 1,511 | 1,511 | 0.06 | 0.01 | — | 1,517 |
| Paving | — | 0.17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 1.12 | 1.74 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 248 | 248 | 0.01 | < 0.005 | — | 249 |
| Paving | — | 0.03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.01 | 0.20 | 0.32 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 41.1 | 41.1 | < 0.005 | < 0.005 | — | 41.3 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Paving | — | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.06 | 0.05 | 0.74 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 | 0.03 | 0.03 | — | 152 | 152 | 0.01 | 0.01 | 0.57 | 154 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.11 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.01 | 0.01 | — | 23.8 | 23.8 | < 0.005 | < 0.005 | 0.04 | 24.1 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 3.94 | 3.94 | < 0.005 | < 0.005 | 0.01 | 3.99 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.11. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 3.12. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.15 | 0.13 | 0.88 | 1.14 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | — | 58.6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.06 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.15 | 9.15 | < 0.005 | < 0.005 | — | 9.18 |
| Architectural Coatings | — | 4.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | — | 1.52 |
| Architectural Coatings | — | 0.73 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.08 | 1.20 | 0.00 | 0.00 | 0.22 | 0.22 | 0.00 | 0.05 | 0.05 | — | 247 | 247 | 0.01 | 0.01 | 0.93 | 250 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | < 0.005 | < 0.005 | — | 16.1 | 16.1 | < 0.005 | < 0.005 | 0.03 | 16.3 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | — | 2.67 | 2.67 | < 0.005 | < 0.005 | < 0.005 | 2.70 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# 4. Operations Emissions Details

## 4.1. Mobile Emissions by Land Use

### 4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.88 | 1.74 | 1.14 | 18.5 | 0.05 | 0.03 | 4.73 | 4.76 | 0.03 | 1.20 | 1.22 | — | 5,180 | 5,180 | 0.15 | 0.13 | 18.1 | 5,239 |
| Unrefrigerated Warehouse-Rail | 1.12 | 0.51 | 16.1 | 7.41 | 0.12 | 0.20 | 3.62 | 3.82 | 0.19 | 0.97 | 1.16 | — | 12,834 | 12,834 | 0.56 | 1.84 | 35.5 | 13,432 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.99 | 2.25 | 17.3 | 25.9 | 0.17 | 0.23 | 8.36 | 8.58 | 0.21 | 2.17 | 2.38 | — | 18,014 | 18,014 | 0.71 | 1.97 | 53.6 | 18,672 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.87 | 1.72 | 1.32 | 16.7 | 0.05 | 0.03 | 4.73 | 4.76 | 0.03 | 1.20 | 1.22 | — | 4,899 | 4,899 | 0.17 | 0.14 | 0.47 | 4,945 |
| Unrefrigerated Warehouse-Rail | 1.09 | 0.49 | 16.7 | 7.46 | 0.12 | 0.20 | 3.62 | 3.82 | 0.19 | 0.97 | 1.16 | — | 12,838 | 12,838 | 0.56 | 1.84 | 0.92 | 13,403 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.96 | 2.21 | 18.0 | 24.2 | 0.17 | 0.23 | 8.36 | 8.58 | 0.22 | 2.17 | 2.38 | — | 17,738 | 17,738 | 0.73 | 1.98 | 1.39 | 18,348 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.32 | 0.29 | 0.22 | 2.88 | 0.01 | < 0.005 | 0.81 | 0.81 | < 0.005 | 0.20 | 0.21 | — | 770 | 770 | 0.03 | 0.02 | 1.22 | 778 |
| Unrefrigerated Warehouse-Rail | 0.20 | 0.09 | 3.05 | 1.35 | 0.02 | 0.04 | 0.66 | 0.69 | 0.03 | 0.18 | 0.21 | — | 2,125 | 2,125 | 0.09 | 0.31 | 2.54 | 2,221 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.52 | 0.38 | 3.27 | 4.24 | 0.03 | 0.04 | 1.46 | 1.50 | 0.04 | 0.38 | 0.42 | — | 2,895 | 2,895 | 0.12 | 0.33 | 3.76 | 2,999 |

## 4.2. Energy

### 4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 66.7 | 66.7 | < 0.005 | < 0.005 | — | 66.9 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,002 | 2,002 | 0.12 | 0.01 | — | 2,010 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 66.7 | 66.7 | < 0.005 | < 0.005 | — | 66.9 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,002 | 2,002 | 0.12 | 0.01 | — | 2,010 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 160 | 160 | 0.01 | < 0.005 | — | 161 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 160 | 160 | 0.01 | < 0.005 | — | 161 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 11.0 | < 0.005 | < 0.005 | — | 11.1 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.02 | < 0.005 | — | 333 |

### 4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Unrefrigerated Warehouse-Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 1,411 | 1,411 | 0.12 | < 0.005 | — | 1,415 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Unrefrigerated Warehouse-Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 1,411 | 1,411 | 0.12 | < 0.005 | — | 1,415 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.01 | 0.01 | 0.11 | 0.09 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 117 | 117 | 0.01 | < 0.005 | — | 117 |
| Unrefrigerated Warehouse-Rail | 0.01 | 0.01 | 0.11 | 0.09 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 117 | 117 | 0.01 | < 0.005 | — | 117 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.02 | 0.01 | 0.22 | 0.18 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 234 | 234 | 0.02 | < 0.005 | — | 234 |

## 4.3. Area Emissions by Source

### 4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 6.44 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 2.32 | 2.14 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Total | 2.32 | 8.99 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 6.44 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 6.85 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Consumer | — | 1.18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.21 | 0.19 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |
| Total | 0.21 | 1.44 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |

## 4.4. Water Emissions by Land Use

### 4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 355 | 422 | 6.84 | 0.16 | — | 642 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 349 | 416 | 6.84 | 0.16 | — | 636 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 355 | 422 | 6.84 | 0.16 | — | 642 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 349 | 416 | 6.84 | 0.16 | — | 636 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 58.8 | 69.8 | 1.13 | 0.03 | — | 106 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 57.9 | 68.9 | 1.13 | 0.03 | — | 105 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 22.0 | 117 | 139 | 2.27 | 0.05 | — | 212 |

## 4.5. Waste Emissions by Land Use

### 4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 12.6 | 0.00 | 12.6 | 1.26 | 0.00 | — | 44.0 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 12.6 | 0.00 | 12.6 | 1.26 | 0.00 | — | 44.0 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 25.2 | 0.00 | 25.2 | 2.52 | 0.00 | — | 88.1 |

## 4.6. Refrigerant Emissions by Land Use

### 4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.7. Offroad Emissions By Equipment Type

### 4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Total | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Total | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |
| Total | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |
| Total | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |

## 4.9. User Defined Emissions By Equipment Type

### 4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetatio | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# 5. Activity Data

## 5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---|---|---|---|---|---|---|
| Demolition | Demolition | 6/1/2024 | 7/5/2024 | 5.00 | 25.0 | — |
| Grading | Grading | 7/6/2024 | 8/5/2024 | 5.00 | 21.0 | — |
| Building Construction | Building Construction | 8/6/2024 | 5/14/2025 | 5.00 | 202 | — |
| Paving | Paving | 5/15/2025 | 8/6/2025 | 5.00 | 60.0 | — |
| Architectural Coating | Architectural Coating | 8/7/2025 | 9/10/2025 | 5.00 | 25.0 | — |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Demolition | Concrete/Industrial Saws | Diesel | Average | 1.00 | 8.00 | 33.0 | 0.73 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Demolition | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Demolition | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Demolition | Other Construction Equipment | Diesel | Average | 1.00 | 8.00 | 150 | 0.42 |
| Grading | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Grading | Rubber Tired Dozers | Diesel | Average | 1.00 | 8.00 | 367 | 0.40 |
| Grading | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | Diesel | Average | 2.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction | Forklifts | Diesel | Average | 3.00 | 8.00 | 82.0 | 0.20 |
| Building Construction | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction | Welders | Diesel | Average | 1.00 | 8.00 | 46.0 | 0.45 |
| Paving | Pavers | Diesel | Average | 2.00 | 8.00 | 81.0 | 0.42 |
| Paving | Paving Equipment | Diesel | Average | 2.00 | 8.00 | 89.0 | 0.36 |
| Paving | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Architectural Coating | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |

### 5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Demolition | Concrete/Industrial Saws | Diesel | Average | 1.00 | 8.00 | 33.0 | 0.73 |
| Demolition | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Demolition | Rubber Tired Dozers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 367 | 0.40 |
| Demolition | Other Construction Equipment | Diesel | Tier 4 Interim | 1.00 | 8.00 | 150 | 0.42 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Grading | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading | Graders | Diesel | Tier 4 Interim | 1.00 | 8.00 | 148 | 0.41 |
| Grading | Rubber Tired Dozers | Diesel | Tier 4 Interim | 1.00 | 8.00 | 367 | 0.40 |
| Grading | Scrapers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 423 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | Diesel | Tier 4 Interim | 2.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Cranes | Diesel | Tier 4 Interim | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction | Forklifts | Diesel | Tier 4 Interim | 3.00 | 8.00 | 82.0 | 0.20 |
| Building Construction | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | Diesel | Tier 4 Interim | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction | Welders | Diesel | Average | 1.00 | 8.00 | 46.0 | 0.45 |
| Paving | Pavers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 81.0 | 0.42 |
| Paving | Paving Equipment | Diesel | Tier 4 Interim | 2.00 | 8.00 | 89.0 | 0.36 |
| Paving | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Architectural Coating | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Demolition | — | — | — | — |
| Demolition | Worker | 16.0 | 12.0 | LDA,LDT1,LDT2 |
| Demolition | Vendor | 4.00 | 7.63 | HHDT,MHDT |
| Demolition | Hauling | 184 | 20.0 | HHDT |
| Demolition | Onsite truck | 0.00 | — | HHDT |
| Grading | — | — | — | — |
| Grading | Worker | 20.0 | 12.0 | LDA,LDT1,LDT2 |

| | | | | |
|---|---|---|---|---|
| Grading | Vendor | 4.00 | 7.63 | HHDT,MHDT |
| Grading | Hauling | 0.00 | 20.0 | HHDT |
| Grading | Onsite truck | 0.00 | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 126 | 12.0 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 50.0 | 7.63 | HHDT,MHDT |
| Building Construction | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction | Onsite truck | 0.00 | — | HHDT |
| Paving | — | — | — | — |
| Paving | Worker | 16.0 | 12.0 | LDA,LDT1,LDT2 |
| Paving | Vendor | 0.00 | 7.63 | HHDT,MHDT |
| Paving | Hauling | 0.00 | 20.0 | HHDT |
| Paving | Onsite truck | 0.00 | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 26.0 | 12.0 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | 0.00 | 7.63 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating | Onsite truck | 0.00 | — | HHDT |

### 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Demolition | — | — | — | — |
| Demolition | Worker | 16.0 | 12.0 | LDA,LDT1,LDT2 |
| Demolition | Vendor | 4.00 | 7.63 | HHDT,MHDT |
| Demolition | Hauling | 184 | 20.0 | HHDT |
| Demolition | Onsite truck | 0.00 | — | HHDT |
| Grading | — | — | — | — |

| | | | | |
|---|---|---|---|---|
| Grading | Worker | 20.0 | 12.0 | LDA,LDT1,LDT2 |
| Grading | Vendor | 4.00 | 7.63 | HHDT,MHDT |
| Grading | Hauling | 0.00 | 20.0 | HHDT |
| Grading | Onsite truck | 0.00 | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 126 | 12.0 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 50.0 | 7.63 | HHDT,MHDT |
| Building Construction | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction | Onsite truck | 0.00 | — | HHDT |
| Paving | — | — | — | — |
| Paving | Worker | 16.0 | 12.0 | LDA,LDT1,LDT2 |
| Paving | Vendor | 0.00 | 7.63 | HHDT,MHDT |
| Paving | Hauling | 0.00 | 20.0 | HHDT |
| Paving | Onsite truck | 0.00 | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 26.0 | 12.0 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | 0.00 | 7.63 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating | Onsite truck | 0.00 | — | HHDT |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied | PM10 Reduction | PM2.5 Reduction |
|---|---|---|
| Water unpaved roads twice daily | 55% | 55% |

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|---|
| Architectural Coating | 0.00 | 0.00 | 450,219 | 150,073 | 15,756 |

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (Cubic Yards) | Material Exported (Cubic Yards) | Acres Graded (acres) | Material Demolished (Ton of Debris) | Acres Paved (acres) |
|---|---|---|---|---|---|
| Demolition | 0.00 | 0.00 | 0.00 | 18,381 | — |
| Grading | 0.00 | 0.00 | 63.0 | 0.00 | — |
| Paving | 0.00 | 0.00 | 0.00 | 0.00 | 6.03 |

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|---|---|---|---|
| Water Exposed Area | 2 | 61% | 61% |
| Water Demolished Area | 2 | 36% | 36% |

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-Rail | 0.00 | 0% |
| Parking Lot | 1.18 | 100% |
| Other Asphalt Surfaces | 2.65 | 100% |
| Other Non-Asphalt Surfaces | 2.20 | 0% |

## 5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|---|---|---|---|---|
| 2024 | 0.00 | 540 | 0.03 | < 0.005 |
| 2025 | 0.00 | 540 | 0.03 | < 0.005 |

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 733 | 433 | 733 | 251,894 | 6,788 | 4,009 | 6,788 | 2,332,851 |
| Unrefrigerated Warehouse-Rail | 278 | 278 | 278 | 101,468 | 4,098 | 4,098 | 4,098 | 1,495,637 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

### 5.9.2. Mitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 733 | 433 | 733 | 251,894 | 6,788 | 4,009 | 6,788 | 2,332,851 |
| Unrefrigerated Warehouse-Rail | 278 | 278 | 278 | 101,468 | 4,098 | 4,098 | 4,098 | 1,495,637 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

#### 5.10.1.2. Mitigated

### 5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|
| 0 | 0.00 | 450,219 | 150,073 | 15,756 |

### 5.10.3. Landscape Equipment

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

### 5.10.4. Landscape Equipment - Mitigated

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

## 5.11. Operational Energy Consumption

### 5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Unrefrigerated Warehouse-Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Parking Lot | 45,089 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |

### 5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Unrefrigerated Warehouse-Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Parking Lot | 45,089 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 34,704,266 | 753,799 |
| Unrefrigerated Warehouse-Rail | 34,704,266 | 0.00 |
| Parking Lot | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 |

### 5.12.2. Mitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 34,704,266 | 753,799 |
| Unrefrigerated Warehouse-Rail | 34,704,266 | 0.00 |
| Parking Lot | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 |

## 5.13. Operational Waste Generation

### 5.13.1. Unmitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 141 | — |
| Unrefrigerated Warehouse-Rail | 141 | — |
| Parking Lot | 0.00 | — |
| Other Asphalt Surfaces | 0.00 | — |
| Other Non-Asphalt Surfaces | 0.00 | — |

### 5.13.2. Mitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 141 | — |
| Unrefrigerated Warehouse-Rail | 141 | — |
| Parking Lot | 0.00 | — |
| Other Asphalt Surfaces | 0.00 | — |
| Other Non-Asphalt Surfaces | 0.00 | — |

## 5.14. Operational Refrigeration and Air Conditioning Equipment

### 5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|

### 5.14.2. Mitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|

## 5.15. Operational Off-Road Equipment

### 5.15.1. Unmitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|
| Forklifts | Diesel | Tier 4 Interim | 37.0 | 8.00 | 82.0 | 0.20 |

### 5.15.2. Mitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|
| Forklifts | Diesel | Tier 4 Interim | 37.0 | 8.00 | 82.0 | 0.20 |

## 5.16. Stationary Sources

### 5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---|---|---|---|---|---|---|
| Fire Pump | Diesel | 1.00 | 1.00 | 50.0 | 500 | 0.73 |

### 5.16.2. Process Boilers

| Equipment Type | Fuel Type | Number | Boiler Rating (MMBtu/hr) | Daily Heat Input (MMBtu/day) | Annual Heat Input (MMBtu/yr) |
|---|---|---|---|---|---|

## 5.17. User Defined

| Equipment Type | Fuel Type |
|---|---|
| — | — |

## 5.18. Vegetation

### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

#### 5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

### 5.18.1. Biomass Cover Type

#### 5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

#### 5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

### 5.18.2. Sequestration

#### 5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

#### 5.18.2.2. Mitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard | Result for Project Location | Unit |
|---|---|---|
| Temperature and Extreme Heat | 12.4 | annual days of extreme heat |
| Extreme Precipitation | 3.90 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 7.98 | annual hectares burned |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | N/A | N/A | N/A | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | 1 | 0 | 0 | N/A |
| Wildfire | 1 | 0 | 0 | N/A |

| | | | | |
|---|---|---|---|---|
| Flooding | 0 | 0 | 0 | N/A |
| Drought | N/A | N/A | N/A | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | N/A | N/A | N/A | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | N/A | N/A | N/A | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | 1 | 1 | 1 | 2 |
| Wildfire | 1 | 1 | 1 | 2 |
| Flooding | 1 | 1 | 1 | 2 |
| Drought | N/A | N/A | N/A | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | N/A | N/A | N/A | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Exposure Indicators | — |
| AQ-Ozone | 65.7 |
| AQ-PM | 44.9 |
| AQ-DPM | 62.2 |
| Drinking Water | 43.6 |
| Lead Risk Housing | 11.8 |
| Pesticides | 0.00 |
| Toxic Releases | 26.8 |
| Traffic | 57.6 |
| Effect Indicators | — |
| CleanUp Sites | 50.3 |
| Groundwater | 59.9 |
| Haz Waste Facilities/Generators | 77.5 |
| Impaired Water Bodies | 77.3 |
| Solid Waste | 37.6 |
| Sensitive Population | — |
| Asthma | 22.8 |
| Cardio-vascular | 13.3 |
| Low Birth Weights | 7.17 |
| Socioeconomic Factor Indicators | — |
| Education | 22.2 |
| Housing | 53.6 |
| Linguistic | 0.00 |
| Poverty | 39.2 |

| | |
|---|---|
| Unemployment | 41.8 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Economic | — |
| Above Poverty | 83.02322597 |
| Employed | 85.83344027 |
| Median HI | 66.93186193 |
| Education | — |
| Bachelor's or higher | 48.60772488 |
| High school enrollment | 100 |
| Preschool enrollment | 47.13204158 |
| Transportation | — |
| Auto Access | 98.98626973 |
| Active commuting | 14.11523162 |
| Social | — |
| 2-parent households | 93.43000128 |
| Voting | 85.56396766 |
| Neighborhood | — |
| Alcohol availability | 62.29949955 |
| Park access | 28.57692801 |
| Retail density | 27.15257282 |
| Supermarket access | 43.20544078 |
| Tree canopy | 6.313358142 |
| Housing | — |
| Homeownership | 72.65494675 |

| | |
|---|---|
| Housing habitability | 85.4484794 |
| Low-inc homeowner severe housing cost burden | 53.34274349 |
| Low-inc renter severe housing cost burden | 79.04529706 |
| Uncrowded housing | 76.50455537 |
| Health Outcomes | — |
| Insured adults | 66.95752598 |
| Arthritis | 0.0 |
| Asthma ER Admissions | 69.9 |
| High Blood Pressure | 0.0 |
| Cancer (excluding skin) | 0.0 |
| Asthma | 0.0 |
| Coronary Heart Disease | 0.0 |
| Chronic Obstructive Pulmonary Disease | 0.0 |
| Diagnosed Diabetes | 0.0 |
| Life Expectancy at Birth | 31.0 |
| Cognitively Disabled | 50.3 |
| Physically  Disabled | 17.3 |
| Heart Attack ER Admissions | 66.7 |
| Mental Health Not Good | 0.0 |
| Chronic Kidney Disease | 0.0 |
| Obesity | 0.0 |
| Pedestrian Injuries | 19.6 |
| Physical Health Not Good | 0.0 |
| Stroke | 0.0 |
| Health Risk Behaviors | — |
| Binge Drinking | 0.0 |
| Current Smoker | 0.0 |

| | |
|---|---|
| No Leisure Time for Physical Activity | 0.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 18.6 |
| SLR Inundation Area | 0.0 |
| Children | 64.0 |
| Elderly | 22.8 |
| English Speaking | 98.1 |
| Foreign-born | 6.9 |
| Outdoor Workers | 34.4 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 37.3 |
| Traffic Density | 63.7 |
| Traffic Access | 23.0 |
| Other Indices | — |
| Hardship | 24.9 |
| Other Decision Support | — |
| 2016 Voting | 82.6 |

## 7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---|
| CalEnviroScreen 4.0 Score for Project Location (a) | 21.0 |
| Healthy Places Index Score for Project Location (b) | 77.0 |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | No |
| Project Located in a Low-Income Community (Assembly Bill 1550) | No |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

## 7.4. Health & Equity Measures

No Health & Equity Measures selected.

## 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

## 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

# 8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Construction: Construction Phases | Applicant provided schedule. |
| Construction: Trips and VMT | Default trips rounded to nearest even number to include arrival and departure trips. |
| Operations: Vehicle Data | Land use split into rail and no rail to model passenger and trucks separately. Trip rates and passenger vehicle trip distance based on Traffic study. Truck trip distance based on traffic study and average truck distance calculation as provided in the Appendix to the AQ analysis. |
| Operations: Fleet Mix | Based on traffic analysis and split into no-rail and rail to separate passenger and truck trips. |
| Operations: Off-Road Equipment | Includes one yard truck for the project, modeled as an additional forklift. PDF Tier 4i engines. |
| Construction: Off-Road Equipment | Crusher added for reuse of onsite existing asphalt included in the demolition phase of construction. |

# Santee Business Center v3 Const and Operation Tier4i Equipment Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field | Value |
|---|---|
| Project Name | Santee Business Center v3 Const and Operation Tier4i Equipment |
| Construction Start Date | 6/1/2024 |
| Operational Year | 2025 |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 2.60 |
| Precipitation (days) | 13.8 |
| Location | 32.848398162979834, -116.95965642758257 |
| County | San Diego |
| City | Santee |
| Air District | San Diego County APCD |
| Air Basin | San Diego |
| TAZ | 6534 |
| EDFZ | 12 |
| Electric Utility | San Diego Gas & Electric |
| Gas Utility | San Diego Gas & Electric |
| App Version | 2022.1.1.21 |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 150 | 1000sqft | 3.45 | 150,073 | 50,441 | 0.00 | — | — |
| Unrefrigerated Warehouse-Rail | 150 | 1000sqft | 3.45 | 150,073 | 0.00 | 0.00 | — | — |
| Parking Lot | 51.5 | 1000sqft | 1.18 | 0.00 | 0.00 | 0.00 | — | 301 spaces |
| Other Asphalt Surfaces | 115 | 1000sqft | 2.65 | 0.00 | 0.00 | 0.00 | — | Includes repave of ROW entrance |
| Other Non-Asphalt Surfaces | 95.9 | 1000sqft | 2.20 | 0.00 | 0.00 | 0.00 | — | — |

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

| Sector | # | Measure Title |
|---|---|---|
| Construction | C-5 | Use Advanced Engine Tiers |

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 4.26 | 58.8 | 34.3 | 30.4 | 0.06 | 1.45 | 10.2 | 11.4 | 1.33 | 1.55 | 2.76 | — | 6,609 | 6,609 | 0.27 | 0.11 | 0.28 | 6,632 |
| Mit. | 1.29 | 58.8 | 19.0 | 35.6 | 0.06 | 0.20 | 10.2 | 10.4 | 0.19 | 1.55 | 1.74 | — | 6,609 | 6,609 | 0.27 | 0.11 | 0.28 | 6,632 |
| % Reduced | 70% | — | 45% | -17% | — | 86% | — | 9% | 86% | — | 37% | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.91 | 1.65 | 11.9 | 14.9 | 0.02 | 0.50 | 0.01 | 0.51 | 0.46 | < 0.005 | 0.46 | — | 2,507 | 2,507 | 0.14 | 0.04 | < 0.005 | 2,524 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mit. | 1.12 | 1.02 | 9.93 | 16.8 | 0.02 | 0.12 | 0.01 | 0.13 | 0.11 | < 0.005 | 0.12 | — | 2,507 | 2,507 | 0.14 | 0.04 | < 0.005 | 2,524 |
| % Reduced | 42% | 38% | 16% | -13% | — | 76% | — | 75% | 75% | — | 75% | — | — | — | — | — | — | — |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 1.05 | 4.60 | 7.52 | 7.91 | 0.01 | 0.31 | 0.91 | 1.22 | 0.29 | 0.19 | 0.47 | — | 1,412 | 1,412 | 0.07 | 0.02 | 0.02 | 1,421 |
| Mit. | 0.47 | 4.40 | 5.08 | 8.57 | 0.01 | 0.06 | 0.91 | 0.97 | 0.06 | 0.19 | 0.24 | — | 1,412 | 1,412 | 0.07 | 0.02 | 0.02 | 1,421 |
| % Reduced | 55% | 4% | 33% | -8% | — | 81% | — | 21% | 80% | — | 48% | — | — | — | — | — | — | — |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.19 | 0.84 | 1.37 | 1.44 | < 0.005 | 0.06 | 0.17 | 0.22 | 0.05 | 0.03 | 0.09 | — | 234 | 234 | 0.01 | < 0.005 | < 0.005 | 235 |
| Mit. | 0.09 | 0.80 | 0.93 | 1.56 | < 0.005 | 0.01 | 0.17 | 0.18 | 0.01 | 0.03 | 0.04 | — | 234 | 234 | 0.01 | < 0.005 | < 0.005 | 235 |
| % Reduced | 55% | 4% | 33% | -8% | — | 81% | — | 21% | 80% | — | 48% | — | — | — | — | — | — | — |

## 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 4.26 | 3.59 | 34.3 | 30.4 | 0.06 | 1.45 | 10.2 | 11.4 | 1.33 | 1.55 | 2.76 | — | 6,609 | 6,609 | 0.27 | 0.11 | 0.28 | 6,632 |
| 2025 | 1.81 | 58.8 | 11.1 | 14.4 | 0.02 | 0.43 | 0.01 | 0.44 | 0.40 | < 0.005 | 0.40 | — | 2,504 | 2,504 | 0.13 | 0.04 | 0.08 | 2,520 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.91 | 1.65 | 11.9 | 14.9 | 0.02 | 0.50 | 0.01 | 0.51 | 0.46 | < 0.005 | 0.46 | — | 2,507 | 2,507 | 0.14 | 0.04 | < 0.005 | 2,524 |
| 2025 | 1.80 | 1.55 | 11.1 | 14.7 | 0.02 | 0.43 | 0.01 | 0.44 | 0.40 | < 0.005 | 0.40 | — | 2,506 | 2,506 | 0.14 | 0.04 | < 0.005 | 2,522 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.05 | 0.89 | 7.52 | 7.91 | 0.01 | 0.31 | 0.91 | 1.22 | 0.29 | 0.19 | 0.47 | — | 1,412 | 1,412 | 0.07 | 0.02 | 0.02 | 1,421 |
| 2025 | 0.65 | 4.60 | 4.20 | 5.60 | 0.01 | 0.17 | < 0.005 | 0.17 | 0.16 | < 0.005 | 0.16 | — | 915 | 915 | 0.05 | 0.01 | 0.01 | 921 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.19 | 0.16 | 1.37 | 1.44 | < 0.005 | 0.06 | 0.17 | 0.22 | 0.05 | 0.03 | 0.09 | — | 234 | 234 | 0.01 | < 0.005 | < 0.005 | 235 |
| 2025 | 0.12 | 0.84 | 0.77 | 1.02 | < 0.005 | 0.03 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.03 | — | 152 | 152 | 0.01 | < 0.005 | < 0.005 | 152 |

## 2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.29 | 1.08 | 19.0 | 35.6 | 0.06 | 0.20 | 10.2 | 10.4 | 0.19 | 1.55 | 1.74 | — | 6,609 | 6,609 | 0.27 | 0.11 | 0.28 | 6,632 |
| 2025 | 1.08 | 58.8 | 9.84 | 16.3 | 0.02 | 0.11 | 0.01 | 0.12 | 0.11 | < 0.005 | 0.11 | — | 2,504 | 2,504 | 0.13 | 0.04 | 0.08 | 2,520 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 1.12 | 1.02 | 9.93 | 16.8 | 0.02 | 0.12 | 0.01 | 0.13 | 0.11 | < 0.005 | 0.12 | — | 2,507 | 2,507 | 0.14 | 0.04 | < 0.005 | 2,524 |
| 2025 | 1.07 | 0.99 | 9.87 | 16.7 | 0.02 | 0.11 | 0.01 | 0.12 | 0.11 | < 0.005 | 0.11 | — | 2,506 | 2,506 | 0.14 | 0.04 | < 0.005 | 2,522 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.47 | 0.43 | 5.08 | 8.57 | 0.01 | 0.06 | 0.91 | 0.97 | 0.06 | 0.19 | 0.24 | — | 1,412 | 1,412 | 0.07 | 0.02 | 0.02 | 1,421 |
| 2025 | 0.39 | 4.40 | 3.76 | 6.21 | 0.01 | 0.05 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.05 | — | 915 | 915 | 0.05 | 0.01 | 0.01 | 921 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2024 | 0.09 | 0.08 | 0.93 | 1.56 | < 0.005 | 0.01 | 0.17 | 0.18 | 0.01 | 0.03 | 0.04 | — | 234 | 234 | 0.01 | < 0.005 | < 0.005 | 235 |
| 2025 | 0.07 | 0.80 | 0.69 | 1.13 | < 0.005 | 0.01 | < 0.005 | 0.01 | 0.01 | < 0.005 | 0.01 | — | 152 | 152 | 0.01 | < 0.005 | < 0.005 | 152 |

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit. | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 7.20 | 13.0 | 43.9 | 81.6 | 0.23 | 0.56 | 8.36 | 8.92 | 0.56 | 2.17 | 2.72 | 285 | 28,246 | 28,531 | 30.1 | 2.36 | 53.6 | 30,042 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 4.85 | 10.8 | 44.5 | 66.8 | 0.23 | 0.54 | 8.36 | 8.90 | 0.53 | 2.17 | 2.70 | 285 | 27,916 | 28,202 | 30.1 | 2.38 | 1.39 | 29,664 |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 4.84 | 10.8 | 35.9 | 59.1 | 0.21 | 0.42 | 8.01 | 8.43 | 0.41 | 2.08 | 2.49 | 285 | 25,709 | 25,994 | 30.0 | 2.35 | 22.7 | 27,467 |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.88 | 1.97 | 6.54 | 10.8 | 0.04 | 0.08 | 1.46 | 1.54 | 0.07 | 0.38 | 0.45 | 47.2 | 4,256 | 4,304 | 4.97 | 0.39 | 3.76 | 4,548 |

## 2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.99 | 2.25 | 17.3 | 25.9 | 0.17 | 0.23 | 8.36 | 8.58 | 0.21 | 2.17 | 2.38 | — | 18,014 | 18,014 | 0.71 | 1.97 | 53.6 | 18,672 |
| Area | 2.32 | 8.99 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Stationary | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 7.20 | 13.0 | 43.9 | 81.6 | 0.23 | 0.56 | 8.36 | 8.92 | 0.56 | 2.17 | 2.72 | 285 | 28,246 | 28,531 | 30.1 | 2.36 | 53.6 | 30,042 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.96 | 2.21 | 18.0 | 24.2 | 0.17 | 0.23 | 8.36 | 8.58 | 0.22 | 2.17 | 2.38 | — | 17,738 | 17,738 | 0.73 | 1.98 | 1.39 | 18,348 |
| Area | — | 6.85 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Stationary | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 4.85 | 10.8 | 44.5 | 66.8 | 0.23 | 0.54 | 8.36 | 8.90 | 0.53 | 2.17 | 2.70 | 285 | 27,916 | 28,202 | 30.1 | 2.38 | 1.39 | 29,664 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.84 | 2.10 | 17.9 | 23.2 | 0.16 | 0.22 | 8.01 | 8.24 | 0.21 | 2.08 | 2.29 | — | 17,488 | 17,488 | 0.71 | 1.97 | 22.7 | 18,117 |
| Area | 1.14 | 7.90 | 0.05 | 6.44 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 26.5 | 26.5 | < 0.005 | < 0.005 | — | 26.6 |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.61 | 0.61 | 16.4 | 28.2 | 0.04 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 4,018 | 4,018 | 0.16 | 0.03 | — | 4,032 |
| Stationary | 0.12 | 0.11 | 0.31 | 0.29 | < 0.005 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 57.5 | 57.5 | < 0.005 | < 0.005 | 0.00 | 57.7 |
| Total | 4.84 | 10.8 | 35.9 | 59.1 | 0.21 | 0.42 | 8.01 | 8.43 | 0.41 | 2.08 | 2.49 | 285 | 25,709 | 25,994 | 30.0 | 2.35 | 22.7 | 27,467 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.52 | 0.38 | 3.27 | 4.24 | 0.03 | 0.04 | 1.46 | 1.50 | 0.04 | 0.38 | 0.42 | — | 2,895 | 2,895 | 0.12 | 0.33 | 3.76 | 2,999 |
| Area | 0.21 | 1.44 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Energy | 0.02 | 0.01 | 0.22 | 0.18 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 565 | 565 | 0.04 | < 0.005 | — | 567 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 22.0 | 117 | 139 | 2.27 | 0.05 | — | 212 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 25.2 | 0.00 | 25.2 | 2.52 | 0.00 | — | 88.1 |
| Off-Road | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |
| Stationary | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |
| Total | 0.88 | 1.97 | 6.54 | 10.8 | 0.04 | 0.08 | 1.46 | 1.54 | 0.07 | 0.38 | 0.45 | 47.2 | 4,256 | 4,304 | 4.97 | 0.39 | 3.76 | 4,548 |

## 2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.99 | 2.25 | 17.3 | 25.9 | 0.17 | 0.23 | 8.36 | 8.58 | 0.21 | 2.17 | 2.38 | — | 18,014 | 18,014 | 0.71 | 1.97 | 53.6 | 18,672 |
| Area | 2.32 | 8.99 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Stationary | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 7.20 | 13.0 | 43.9 | 81.6 | 0.23 | 0.56 | 8.36 | 8.92 | 0.56 | 2.17 | 2.72 | 285 | 28,246 | 28,531 | 30.1 | 2.36 | 53.6 | 30,042 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.96 | 2.21 | 18.0 | 24.2 | 0.17 | 0.23 | 8.36 | 8.58 | 0.22 | 2.17 | 2.38 | — | 17,738 | 17,738 | 0.73 | 1.98 | 1.39 | 18,348 |
| Area | — | 6.85 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Stationary | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 4.85 | 10.8 | 44.5 | 66.8 | 0.23 | 0.54 | 8.36 | 8.90 | 0.53 | 2.17 | 2.70 | 285 | 27,916 | 28,202 | 30.1 | 2.38 | 1.39 | 29,664 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 2.84 | 2.10 | 17.9 | 23.2 | 0.16 | 0.22 | 8.01 | 8.24 | 0.21 | 2.08 | 2.29 | — | 17,488 | 17,488 | 0.71 | 1.97 | 22.7 | 18,117 |
| Area | 1.14 | 7.90 | 0.05 | 6.44 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 26.5 | 26.5 | < 0.005 | < 0.005 | — | 26.6 |
| Energy | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 3,413 | 3,413 | 0.25 | 0.02 | — | 3,425 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Off-Road | 0.61 | 0.61 | 16.4 | 28.2 | 0.04 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 4,018 | 4,018 | 0.16 | 0.03 | — | 4,032 |
| Stationary | 0.12 | 0.11 | 0.31 | 0.29 | < 0.005 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 | 0.00 | 57.5 | 57.5 | < 0.005 | < 0.005 | 0.00 | 57.7 |
| Total | 4.84 | 10.8 | 35.9 | 59.1 | 0.21 | 0.42 | 8.01 | 8.43 | 0.41 | 2.08 | 2.49 | 285 | 25,709 | 25,994 | 30.0 | 2.35 | 22.7 | 27,467 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mobile | 0.52 | 0.38 | 3.27 | 4.24 | 0.03 | 0.04 | 1.46 | 1.50 | 0.04 | 0.38 | 0.42 | — | 2,895 | 2,895 | 0.12 | 0.33 | 3.76 | 2,999 |
| Area | 0.21 | 1.44 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |
| Energy | 0.02 | 0.01 | 0.22 | 0.18 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 565 | 565 | 0.04 | < 0.005 | — | 567 |
| Water | — | — | — | — | — | — | — | — | — | — | — | 22.0 | 117 | 139 | 2.27 | 0.05 | — | 212 |
| Waste | — | — | — | — | — | — | — | — | — | — | — | 25.2 | 0.00 | 25.2 | 2.52 | 0.00 | — | 88.1 |
| Off-Road | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |
| Stationary | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |
| Total | 0.88 | 1.97 | 6.54 | 10.8 | 0.04 | 0.08 | 1.46 | 1.54 | 0.07 | 0.38 | 0.45 | 47.2 | 4,256 | 4,304 | 4.97 | 0.39 | 3.76 | 4,548 |

# 3. Construction Emissions Details

## 3.1. Demolition (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 3.47 | 2.91 | 27.7 | 25.3 | 0.04 | 1.21 | — | 1.21 | 1.11 | — | 1.11 | — | 4,010 | 4,010 | 0.16 | 0.03 | — | 4,023 |
| Demolition | — | — | — | — | — | — | 10.2 | 10.2 | — | 1.54 | 1.54 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.24 | 0.20 | 1.90 | 1.73 | < 0.005 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 275 | 275 | 0.01 | < 0.005 | — | 276 |
| Demolition | — | — | — | — | — | — | 0.70 | 0.70 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.04 | 0.35 | 0.32 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 45.5 | 45.5 | < 0.005 | < 0.005 | — | 45.6 |
| Demolition | — | — | — | — | — | — | 0.13 | 0.13 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.06 | 0.05 | 0.01 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 2.88 | 2.88 | < 0.005 | < 0.005 | 0.00 | 3.37 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.87 | 6.87 | < 0.005 | < 0.005 | 0.01 | 7.22 |
| Hauling | 0.23 | 0.13 | 2.92 | 1.97 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 448 | 448 | 0.09 | 0.07 | 0.28 | 472 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.20 | 0.20 | < 0.005 | < 0.005 | 0.00 | 0.24 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.47 | 0.47 | < 0.005 | < 0.005 | < 0.005 | 0.50 |
| Hauling | 0.02 | 0.01 | 0.20 | 0.14 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 30.8 | 30.8 | 0.01 | < 0.005 | 0.01 | 32.4 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.00 | 0.04 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.08 | 0.08 | < 0.005 | < 0.005 | < 0.005 | 0.08 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 5.10 | 5.10 | < 0.005 | < 0.005 | < 0.005 | 5.37 |

## 3.2. Demolition (2024) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 1.00 | 0.90 | 13.2 | 22.5 | 0.04 | 0.20 | — | 0.20 | 0.19 | — | 0.19 | — | 4,010 | 4,010 | 0.16 | 0.03 | — | 4,023 |
| Demolition | — | — | — | — | — | — | 10.2 | 10.2 | — | 1.54 | 1.54 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.07 | 0.06 | 0.90 | 1.54 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 275 | 275 | 0.01 | < 0.005 | — | 276 |
| Demolition | — | — | — | — | — | — | 0.70 | 0.70 | — | 0.11 | 0.11 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.16 | 0.28 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 45.5 | 45.5 | < 0.005 | < 0.005 | — | 45.6 |
| Demolition | — | — | — | — | — | — | 0.13 | 0.13 | — | 0.02 | 0.02 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.06 | 0.05 | 0.01 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 2.88 | 2.88 | < 0.005 | < 0.005 | 0.00 | 3.37 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.87 | 6.87 | < 0.005 | < 0.005 | 0.01 | 7.22 |
| Hauling | 0.23 | 0.13 | 2.92 | 1.97 | < 0.005 | < 0.005 | 0.03 | 0.03 | < 0.005 | 0.01 | 0.01 | — | 448 | 448 | 0.09 | 0.07 | 0.28 | 472 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.20 | 0.20 | < 0.005 | < 0.005 | 0.00 | 0.24 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.47 | 0.47 | < 0.005 | < 0.005 | < 0.005 | 0.50 |
| Hauling | 0.02 | 0.01 | 0.20 | 0.14 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 30.8 | 30.8 | 0.01 | < 0.005 | 0.01 | 32.4 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.00 | 0.04 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.08 | 0.08 | < 0.005 | < 0.005 | < 0.005 | 0.08 |
| Hauling | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 5.10 | 5.10 | < 0.005 | < 0.005 | < 0.005 | 5.37 |

## 3.3. Grading (2024) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 4.19 | 3.52 | 34.3 | 30.2 | 0.06 | 1.45 | — | 1.45 | 1.33 | — | 1.33 | — | 6,598 | 6,598 | 0.27 | 0.05 | — | 6,621 |
| Dust From Material Movement | — | — | — | — | — | — | 3.59 | 3.59 | — | 1.42 | 1.42 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.24 | 0.20 | 1.97 | 1.74 | < 0.005 | 0.08 | — | 0.08 | 0.08 | — | 0.08 | — | 380 | 380 | 0.02 | < 0.005 | — | 381 |
| Dust From Material Movement | — | — | — | — | — | — | 0.21 | 0.21 | — | 0.08 | 0.08 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.04 | 0.04 | 0.36 | 0.32 | < 0.005 | 0.02 | — | 0.02 | 0.01 | — | 0.01 | — | 62.9 | 62.9 | < 0.005 | < 0.005 | — | 63.1 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.01 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 3.59 | 3.59 | < 0.005 | < 0.005 | 0.00 | 4.21 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.87 | 6.87 | < 0.005 | < 0.005 | 0.01 | 7.22 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.21 | 0.21 | < 0.005 | < 0.005 | 0.00 | 0.25 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.40 | 0.40 | < 0.005 | < 0.005 | < 0.005 | 0.42 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.00 | 0.04 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.07 | 0.07 | < 0.005 | < 0.005 | < 0.005 | 0.07 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.4. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.00 | 0.96 | 18.9 | 35.4 | 0.06 | 0.18 | — | 0.18 | 0.17 | — | 0.17 | — | 6,598 | 6,598 | 0.27 | 0.05 | — | 6,621 |
| Dust From Material Movement | — | — | — | — | — | — | 3.59 | 3.59 | — | 1.42 | 1.42 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.06 | 1.09 | 2.04 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 380 | 380 | 0.02 | < 0.005 | — | 381 |
| Dust From Material Movement | — | — | — | — | — | — | 0.21 | 0.21 | — | 0.08 | 0.08 | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.20 | 0.37 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 62.9 | 62.9 | < 0.005 | < 0.005 | — | 63.1 |
| Dust From Material Movement | — | — | — | — | — | — | 0.04 | 0.04 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.07 | 0.01 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 3.59 | 3.59 | < 0.005 | < 0.005 | 0.00 | 4.21 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.03 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 6.87 | 6.87 | < 0.005 | < 0.005 | 0.01 | 7.22 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.21 | 0.21 | < 0.005 | < 0.005 | 0.00 | 0.25 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.40 | 0.40 | < 0.005 | < 0.005 | < 0.005 | 0.42 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.03 | 0.03 | < 0.005 | < 0.005 | 0.00 | 0.04 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.07 | 0.07 | < 0.005 | < 0.005 | < 0.005 | 0.07 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.5. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.44 | 1.20 | 11.2 | 13.1 | 0.02 | 0.50 | — | 0.50 | 0.46 | — | 0.46 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.44 | 1.20 | 11.2 | 13.1 | 0.02 | 0.50 | — | 0.50 | 0.46 | — | 0.46 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.42 | 0.35 | 3.25 | 3.80 | 0.01 | 0.14 | — | 0.14 | 0.13 | — | 0.13 | — | 694 | 694 | 0.03 | 0.01 | — | 697 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.06 | 0.59 | 0.69 | < 0.005 | 0.03 | — | 0.03 | 0.02 | — | 0.02 | — | 115 | 115 | < 0.005 | < 0.005 | — | 115 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.44 | 0.43 | 0.09 | 1.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 22.6 | 22.6 | 0.02 | 0.01 | 0.00 | 26.5 |
| Vendor | 0.04 | 0.03 | 0.55 | 0.38 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 85.9 | 85.9 | 0.01 | 0.01 | 0.08 | 90.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.44 | 0.42 | 0.10 | 1.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 23.2 | 23.2 | 0.03 | 0.01 | 0.00 | 27.2 |
| Vendor | 0.04 | 0.02 | 0.57 | 0.41 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 86.5 | 86.5 | 0.01 | 0.01 | < 0.005 | 90.8 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.12 | 0.03 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 6.68 | 6.68 | 0.01 | < 0.005 | 0.00 | 7.84 |
| Vendor | 0.01 | 0.01 | 0.16 | 0.11 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 25.0 | 25.0 | < 0.005 | < 0.005 | 0.01 | 26.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 1.11 | 1.11 | < 0.005 | < 0.005 | 0.00 | 1.30 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 4.13 | 4.13 | < 0.005 | < 0.005 | < 0.005 | 4.34 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.6. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 0.64 | 0.58 | 9.26 | 15.0 | 0.02 | 0.12 | — | 0.12 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.64 | 0.58 | 9.26 | 15.0 | 0.02 | 0.12 | — | 0.12 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.19 | 0.17 | 2.68 | 4.34 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 694 | 694 | 0.03 | 0.01 | — | 697 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.49 | 0.79 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 115 | 115 | < 0.005 | < 0.005 | — | 115 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.44 | 0.43 | 0.09 | 1.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 22.6 | 22.6 | 0.02 | 0.01 | 0.00 | 26.5 |
| Vendor | 0.04 | 0.03 | 0.55 | 0.38 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 85.9 | 85.9 | 0.01 | 0.01 | 0.08 | 90.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.44 | 0.42 | 0.10 | 1.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 23.2 | 23.2 | 0.03 | 0.01 | 0.00 | 27.2 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.04 | 0.02 | 0.57 | 0.41 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 86.5 | 86.5 | 0.01 | 0.01 | < 0.005 | 90.8 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.12 | 0.03 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 6.68 | 6.68 | 0.01 | < 0.005 | 0.00 | 7.84 |
| Vendor | 0.01 | 0.01 | 0.16 | 0.11 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 25.0 | 25.0 | < 0.005 | < 0.005 | 0.01 | 26.2 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 1.11 | 1.11 | < 0.005 | < 0.005 | 0.00 | 1.30 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 4.13 | 4.13 | < 0.005 | < 0.005 | < 0.005 | 4.34 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.7. Building Construction (2025) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.35 | 1.13 | 10.4 | 13.0 | 0.02 | 0.43 | — | 0.43 | 0.40 | — | 0.40 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 1.35 | 1.13 | 10.4 | 13.0 | 0.02 | 0.43 | — | 0.43 | 0.40 | — | 0.40 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.35 | 0.30 | 2.74 | 3.42 | 0.01 | 0.11 | — | 0.11 | 0.10 | — | 0.10 | — | 629 | 629 | 0.03 | 0.01 | — | 631 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.06 | 0.05 | 0.50 | 0.62 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 104 | 104 | < 0.005 | < 0.005 | — | 104 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.41 | 0.09 | 0.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 22.2 | 22.2 | 0.02 | 0.01 | 0.00 | 25.2 |
| Vendor | 0.04 | 0.03 | 0.54 | 0.38 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 84.5 | 84.5 | 0.01 | 0.01 | 0.08 | 88.8 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.40 | 0.10 | 1.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 22.7 | 22.7 | 0.03 | 0.01 | 0.00 | 26.8 |
| Vendor | 0.04 | 0.02 | 0.56 | 0.40 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 85.2 | 85.2 | 0.01 | 0.01 | < 0.005 | 89.5 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.02 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 5.92 | 5.92 | 0.01 | < 0.005 | 0.00 | 6.95 |
| Vendor | 0.01 | 0.01 | 0.14 | 0.10 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 22.2 | 22.2 | < 0.005 | < 0.005 | 0.01 | 23.4 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | < 0.005 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.98 | 0.98 | < 0.005 | < 0.005 | 0.00 | 1.15 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.68 | 3.68 | < 0.005 | < 0.005 | < 0.005 | 3.87 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.8. Building Construction (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.56 | 9.21 | 15.0 | 0.02 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.62 | 0.56 | 9.21 | 15.0 | 0.02 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 2,398 | 2,398 | 0.10 | 0.02 | — | 2,406 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.15 | 2.42 | 3.93 | 0.01 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 629 | 629 | 0.03 | 0.01 | — | 631 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.44 | 0.72 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 104 | 104 | < 0.005 | < 0.005 | — | 104 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.42 | 0.41 | 0.09 | 0.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 22.2 | 22.2 | 0.02 | 0.01 | 0.00 | 25.2 |
| Vendor | 0.04 | 0.03 | 0.54 | 0.38 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 84.5 | 84.5 | 0.01 | 0.01 | 0.08 | 88.8 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.41 | 0.40 | 0.10 | 1.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 22.7 | 22.7 | 0.03 | 0.01 | 0.00 | 26.8 |
| Vendor | 0.04 | 0.02 | 0.56 | 0.40 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 85.2 | 85.2 | 0.01 | 0.01 | < 0.005 | 89.5 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.02 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 5.92 | 5.92 | 0.01 | < 0.005 | 0.00 | 6.95 |
| Vendor | 0.01 | 0.01 | 0.14 | 0.10 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 22.2 | 22.2 | < 0.005 | < 0.005 | 0.01 | 23.4 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | < 0.005 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.98 | 0.98 | < 0.005 | < 0.005 | 0.00 | 1.15 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 3.68 | 3.68 | < 0.005 | < 0.005 | < 0.005 | 3.87 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.9. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | 0.95 | 0.80 | 7.45 | 9.98 | 0.01 | 0.35 | — | 0.35 | 0.32 | — | 0.32 | — | 1,511 | 1,511 | 0.06 | 0.01 | — | 1,517 |
| Paving | — | 0.17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.16 | 0.13 | 1.23 | 1.64 | < 0.005 | 0.06 | — | 0.06 | 0.05 | — | 0.05 | — | 248 | 248 | 0.01 | < 0.005 | — | 249 |
| Paving | — | 0.03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.02 | 0.22 | 0.30 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 41.1 | 41.1 | < 0.005 | < 0.005 | — | 41.3 |
| Paving | — | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.05 | 0.05 | 0.01 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 2.82 | 2.82 | < 0.005 | < 0.005 | 0.00 | 3.20 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | 0.01 | 0.01 | < 0.005 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.47 | 0.47 | < 0.005 | < 0.005 | 0.00 | 0.55 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.08 | 0.08 | < 0.005 | < 0.005 | 0.00 | 0.09 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.10. Paving (2025) - Mitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.51 | 0.46 | 6.78 | 10.6 | 0.01 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 1,511 | 1,511 | 0.06 | 0.01 | — | 1,517 |
| Paving | — | 0.17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.08 | 0.08 | 1.12 | 1.74 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 248 | 248 | 0.01 | < 0.005 | — | 249 |
| Paving | — | 0.03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.02 | 0.01 | 0.20 | 0.32 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 41.1 | 41.1 | < 0.005 | < 0.005 | — | 41.3 |
| Paving | — | 0.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.05 | 0.05 | 0.01 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 2.82 | 2.82 | < 0.005 | < 0.005 | 0.00 | 3.20 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | < 0.005 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.47 | 0.47 | < 0.005 | < 0.005 | 0.00 | 0.55 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.08 | 0.08 | < 0.005 | < 0.005 | 0.00 | 0.09 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.11. Architectural Coating (2025) - Unmitigated

### Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.15 | 0.13 | 0.88 | 1.14 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | — | 58.6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.06 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.15 | 9.15 | < 0.005 | < 0.005 | — | 9.18 |
| Architectural Coatings | — | 4.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | — | 1.52 |
| Architectural Coatings | — | 0.73 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.08 | 0.02 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 4.58 | 4.58 | < 0.005 | < 0.005 | 0.00 | 5.20 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | < 0.005 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.32 | 0.32 | < 0.005 | < 0.005 | 0.00 | 0.37 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.05 | 0.05 | < 0.005 | < 0.005 | 0.00 | 0.06 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 3.12. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.15 | 0.13 | 0.88 | 1.14 | < 0.005 | 0.03 | — | 0.03 | 0.03 | — | 0.03 | — | 134 | 134 | 0.01 | < 0.005 | — | 134 |
| Architectural Coatings | — | 58.6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.06 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 9.15 | 9.15 | < 0.005 | < 0.005 | — | 9.18 |
| Architectural Coatings | — | 4.01 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 1.51 | 1.51 | < 0.005 | < 0.005 | — | 1.52 |
| Architectural Coatings | — | 0.73 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.08 | 0.02 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 4.58 | 4.58 | < 0.005 | < 0.005 | 0.00 | 5.20 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | < 0.005 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.32 | 0.32 | < 0.005 | < 0.005 | 0.00 | 0.37 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.05 | 0.05 | < 0.005 | < 0.005 | 0.00 | 0.06 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# 4. Operations Emissions Details

## 4.1. Mobile Emissions by Land Use

### 4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.88 | 1.74 | 1.14 | 18.5 | 0.05 | 0.03 | 4.73 | 4.76 | 0.03 | 1.20 | 1.22 | — | 5,180 | 5,180 | 0.15 | 0.13 | 18.1 | 5,239 |
| Unrefrigerated Warehouse-Rail | 1.12 | 0.51 | 16.1 | 7.41 | 0.12 | 0.20 | 3.62 | 3.82 | 0.19 | 0.97 | 1.16 | — | 12,834 | 12,834 | 0.56 | 1.84 | 35.5 | 13,432 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.99 | 2.25 | 17.3 | 25.9 | 0.17 | 0.23 | 8.36 | 8.58 | 0.21 | 2.17 | 2.38 | — | 18,014 | 18,014 | 0.71 | 1.97 | 53.6 | 18,672 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.87 | 1.72 | 1.32 | 16.7 | 0.05 | 0.03 | 4.73 | 4.76 | 0.03 | 1.20 | 1.22 | — | 4,899 | 4,899 | 0.17 | 0.14 | 0.47 | 4,945 |
| Unrefrigerated Warehouse-Rail | 1.09 | 0.49 | 16.7 | 7.46 | 0.12 | 0.20 | 3.62 | 3.82 | 0.19 | 0.97 | 1.16 | — | 12,838 | 12,838 | 0.56 | 1.84 | 0.92 | 13,403 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.96 | 2.21 | 18.0 | 24.2 | 0.17 | 0.23 | 8.36 | 8.58 | 0.22 | 2.17 | 2.38 | — | 17,738 | 17,738 | 0.73 | 1.98 | 1.39 | 18,348 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.32 | 0.29 | 0.22 | 2.88 | 0.01 | < 0.005 | 0.81 | 0.81 | < 0.005 | 0.20 | 0.21 | — | 770 | 770 | 0.03 | 0.02 | 1.22 | 778 |
| Unrefrigerated Warehouse-Rail | 0.20 | 0.09 | 3.05 | 1.35 | 0.02 | 0.04 | 0.66 | 0.69 | 0.03 | 0.18 | 0.21 | — | 2,125 | 2,125 | 0.09 | 0.31 | 2.54 | 2,221 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.52 | 0.38 | 3.27 | 4.24 | 0.03 | 0.04 | 1.46 | 1.50 | 0.04 | 0.38 | 0.42 | — | 2,895 | 2,895 | 0.12 | 0.33 | 3.76 | 2,999 |

### 4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.88 | 1.74 | 1.14 | 18.5 | 0.05 | 0.03 | 4.73 | 4.76 | 0.03 | 1.20 | 1.22 | — | 5,180 | 5,180 | 0.15 | 0.13 | 18.1 | 5,239 |
| Unrefrigerated Warehouse-Rail | 1.12 | 0.51 | 16.1 | 7.41 | 0.12 | 0.20 | 3.62 | 3.82 | 0.19 | 0.97 | 1.16 | — | 12,834 | 12,834 | 0.56 | 1.84 | 35.5 | 13,432 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.99 | 2.25 | 17.3 | 25.9 | 0.17 | 0.23 | 8.36 | 8.58 | 0.21 | 2.17 | 2.38 | — | 18,014 | 18,014 | 0.71 | 1.97 | 53.6 | 18,672 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 1.87 | 1.72 | 1.32 | 16.7 | 0.05 | 0.03 | 4.73 | 4.76 | 0.03 | 1.20 | 1.22 | — | 4,899 | 4,899 | 0.17 | 0.14 | 0.47 | 4,945 |
| Unrefrigerated Warehouse-Rail | 1.09 | 0.49 | 16.7 | 7.46 | 0.12 | 0.20 | 3.62 | 3.82 | 0.19 | 0.97 | 1.16 | — | 12,838 | 12,838 | 0.56 | 1.84 | 0.92 | 13,403 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2.96 | 2.21 | 18.0 | 24.2 | 0.17 | 0.23 | 8.36 | 8.58 | 0.22 | 2.17 | 2.38 | — | 17,738 | 17,738 | 0.73 | 1.98 | 1.39 | 18,348 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.32 | 0.29 | 0.22 | 2.88 | 0.01 | < 0.005 | 0.81 | 0.81 | < 0.005 | 0.20 | 0.21 | — | 770 | 770 | 0.03 | 0.02 | 1.22 | 778 |
| Unrefrigerated Warehouse-Rail | 0.20 | 0.09 | 3.05 | 1.35 | 0.02 | 0.04 | 0.66 | 0.69 | 0.03 | 0.18 | 0.21 | — | 2,125 | 2,125 | 0.09 | 0.31 | 2.54 | 2,221 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.52 | 0.38 | 3.27 | 4.24 | 0.03 | 0.04 | 1.46 | 1.50 | 0.04 | 0.38 | 0.42 | — | 2,895 | 2,895 | 0.12 | 0.33 | 3.76 | 2,999 |

## 4.2. Energy

### 4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 66.7 | 66.7 | < 0.005 | < 0.005 | — | 66.9 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,002 | 2,002 | 0.12 | 0.01 | — | 2,010 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unrefrige Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Unrefrige rated Warehou se-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 66.7 | 66.7 | < 0.005 | < 0.005 | — | 66.9 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,002 | 2,002 | 0.12 | 0.01 | — | 2,010 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrige rated Warehou se-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 160 | 160 | 0.01 | < 0.005 | — | 161 |
| Unrefrige rated Warehou se-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 160 | 160 | 0.01 | < 0.005 | — | 161 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 11.0 | < 0.005 | < 0.005 | — | 11.1 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.02 | < 0.005 | — | 333 |

## 4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 66.7 | 66.7 | < 0.005 | < 0.005 | — | 66.9 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,002 | 2,002 | 0.12 | 0.01 | — | 2,010 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 968 | 968 | 0.06 | 0.01 | — | 971 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 66.7 | 66.7 | < 0.005 | < 0.005 | — | 66.9 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 2,002 | 2,002 | 0.12 | 0.01 | — | 2,010 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | — | 160 | 160 | 0.01 | < 0.005 | — | 161 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | — | 160 | 160 | 0.01 | < 0.005 | — | 161 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 11.0 | < 0.005 | < 0.005 | — | 11.1 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | 332 | 332 | 0.02 | < 0.005 | — | 333 |

### 4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Unrefrigerated Warehouse-Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 1,411 | 1,411 | 0.12 | < 0.005 | — | 1,415 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Unrefrigerated Warehouse-Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 1,411 | 1,411 | 0.12 | < 0.005 | — | 1,415 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.01 | 0.01 | 0.11 | 0.09 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 117 | 117 | 0.01 | < 0.005 | — | 117 |
| Unrefrigerated Warehouse-Rail | 0.01 | 0.01 | 0.11 | 0.09 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 117 | 117 | 0.01 | < 0.005 | — | 117 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.02 | 0.01 | 0.22 | 0.18 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 234 | 234 | 0.02 | < 0.005 | — | 234 |

### 4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unrefrige Warehouse-No Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Unrefrige rated Warehou se-Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 1,411 | 1,411 | 0.12 | < 0.005 | — | 1,415 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrige rated Warehou se-No Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Unrefrige rated Warehou se-Rail | 0.07 | 0.03 | 0.59 | 0.50 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 705 | 705 | 0.06 | < 0.005 | — | 707 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 0.13 | 0.07 | 1.18 | 0.99 | 0.01 | 0.09 | — | 0.09 | 0.09 | — | 0.09 | — | 1,411 | 1,411 | 0.12 | < 0.005 | — | 1,415 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | 0.01 | 0.01 | 0.11 | 0.09 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 117 | 117 | 0.01 | < 0.005 | — | 117 |
| Unrefrigerated Warehouse-Rail | 0.01 | 0.01 | 0.11 | 0.09 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 117 | 117 | 0.01 | < 0.005 | — | 117 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | 0.02 | 0.01 | 0.22 | 0.18 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 234 | 234 | 0.02 | < 0.005 | — | 234 |

## 4.3. Area Emissions by Source

### 4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 6.44 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural Coatings | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 2.32 | 2.14 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Total | 2.32 | 8.99 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 6.44 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 6.85 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 1.18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.21 | 0.19 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |
| Total | 0.21 | 1.44 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |

### 4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 6.44 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 2.32 | 2.14 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Total | 2.32 | 8.99 | 0.11 | 13.1 | < 0.005 | 0.02 | — | 0.02 | 0.02 | — | 0.02 | — | 53.7 | 53.7 | < 0.005 | < 0.005 | — | 53.9 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 6.44 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | 6.85 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products | — | 1.18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.07 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Landscape Equipment | 0.21 | 0.19 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |
| Total | 0.21 | 1.44 | 0.01 | 1.17 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 4.38 | 4.38 | < 0.005 | < 0.005 | — | 4.40 |

## 4.4. Water Emissions by Land Use

### 4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 355 | 422 | 6.84 | 0.16 | — | 642 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 349 | 416 | 6.84 | 0.16 | — | 636 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 355 | 422 | 6.84 | 0.16 | — | 642 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unrefrige Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 349 | 416 | 6.84 | 0.16 | — | 636 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 58.8 | 69.8 | 1.13 | 0.03 | — | 106 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 57.9 | 68.9 | 1.13 | 0.03 | — | 105 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 22.0 | 117 | 139 | 2.27 | 0.05 | — | 212 |

### 4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 355 | 422 | 6.84 | 0.16 | — | 642 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 349 | 416 | 6.84 | 0.16 | — | 636 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 355 | 422 | 6.84 | 0.16 | — | 642 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 66.5 | 349 | 416 | 6.84 | 0.16 | — | 636 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 133 | 705 | 838 | 13.7 | 0.33 | — | 1,278 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 58.8 | 69.8 | 1.13 | 0.03 | — | 106 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 11.0 | 57.9 | 68.9 | 1.13 | 0.03 | — | 105 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 22.0 | 117 | 139 | 2.27 | 0.05 | — | 212 |

## 4.5. Waste Emissions by Land Use

### 4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 12.6 | 0.00 | 12.6 | 1.26 | 0.00 | — | 44.0 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 12.6 | 0.00 | 12.6 | 1.26 | 0.00 | — | 44.0 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 25.2 | 0.00 | 25.2 | 2.52 | 0.00 | — | 88.1 |

### 4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unrefrige Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Unrefrige rated Warehou se-Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrige rated Warehou se-No Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Unrefrige rated Warehou se-Rail | — | — | — | — | — | — | — | — | — | — | — | 76.0 | 0.00 | 76.0 | 7.60 | 0.00 | — | 266 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | 152 | 0.00 | 152 | 15.2 | 0.00 | — | 532 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unrefrigerated Warehouse-No Rail | — | — | — | — | — | — | — | — | — | — | — | 12.6 | 0.00 | 12.6 | 1.26 | 0.00 | — | 44.0 |
| Unrefrigerated Warehouse-Rail | — | — | — | — | — | — | — | — | — | — | — | 12.6 | 0.00 | 12.6 | 1.26 | 0.00 | — | 44.0 |
| Parking Lot | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Other Non-Asphalt Surfaces | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total | — | — | — | — | — | — | — | — | — | — | — | 25.2 | 0.00 | 25.2 | 2.52 | 0.00 | — | 88.1 |

## 4.6. Refrigerant Emissions by Land Use

### 4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.7. Offroad Emissions By Equipment Type

### 4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Total | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Total | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |
| Total | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |

### 4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Total | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Total | 0.86 | 0.86 | 23.0 | 39.6 | 0.05 | 0.11 | — | 0.11 | 0.11 | — | 0.11 | — | 5,641 | 5,641 | 0.23 | 0.05 | — | 5,661 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Forklifts | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |
| Total | 0.11 | 0.11 | 2.99 | 5.15 | 0.01 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 665 | 665 | 0.03 | 0.01 | — | 668 |

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |
| Total | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |

### 4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Total | 0.90 | 0.82 | 2.29 | 2.09 | < 0.005 | 0.12 | 0.00 | 0.12 | 0.12 | 0.00 | 0.12 | 0.00 | 420 | 420 | 0.02 | < 0.005 | 0.00 | 421 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fire Pump | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |
| Total | 0.02 | 0.02 | 0.06 | 0.05 | < 0.005 | < 0.005 | 0.00 | < 0.005 | < 0.005 | 0.00 | < 0.005 | 0.00 | 9.52 | 9.52 | < 0.005 | < 0.005 | 0.00 | 9.55 |

## 4.9. User Defined Emissions By Equipment Type

### 4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

### 4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sequest | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

# 5. Activity Data

## 5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|---|---|---|---|---|---|---|
| Demolition | Demolition | 6/1/2024 | 7/5/2024 | 5.00 | 25.0 | — |
| Grading | Grading | 7/6/2024 | 8/5/2024 | 5.00 | 21.0 | — |
| Building Construction | Building Construction | 8/6/2024 | 5/14/2025 | 5.00 | 202 | — |
| Paving | Paving | 5/15/2025 | 8/6/2025 | 5.00 | 60.0 | — |
| Architectural Coating | Architectural Coating | 8/7/2025 | 9/10/2025 | 5.00 | 25.0 | — |

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Demolition | Concrete/Industrial Saws | Diesel | Average | 1.00 | 8.00 | 33.0 | 0.73 |
| Demolition | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Demolition | Rubber Tired Dozers | Diesel | Average | 2.00 | 8.00 | 367 | 0.40 |
| Demolition | Other Construction Equipment | Diesel | Average | 1.00 | 8.00 | 150 | 0.42 |
| Grading | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading | Graders | Diesel | Average | 1.00 | 8.00 | 148 | 0.41 |
| Grading | Rubber Tired Dozers | Diesel | Average | 1.00 | 8.00 | 367 | 0.40 |
| Grading | Scrapers | Diesel | Average | 2.00 | 8.00 | 423 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | Diesel | Average | 2.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Cranes | Diesel | Average | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction | Forklifts | Diesel | Average | 3.00 | 8.00 | 82.0 | 0.20 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Building Construction | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | Diesel | Average | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction | Welders | Diesel | Average | 1.00 | 8.00 | 46.0 | 0.45 |
| Paving | Pavers | Diesel | Average | 2.00 | 8.00 | 81.0 | 0.42 |
| Paving | Paving Equipment | Diesel | Average | 2.00 | 8.00 | 89.0 | 0.36 |
| Paving | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Architectural Coating | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |

### 5.2.2. Mitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|---|
| Demolition | Concrete/Industrial Saws | Diesel | Average | 1.00 | 8.00 | 33.0 | 0.73 |
| Demolition | Excavators | Diesel | Average | 3.00 | 8.00 | 36.0 | 0.38 |
| Demolition | Rubber Tired Dozers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 367 | 0.40 |
| Demolition | Other Construction Equipment | Diesel | Tier 4 Interim | 1.00 | 8.00 | 150 | 0.42 |
| Grading | Excavators | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Grading | Graders | Diesel | Tier 4 Interim | 1.00 | 8.00 | 148 | 0.41 |
| Grading | Rubber Tired Dozers | Diesel | Tier 4 Interim | 1.00 | 8.00 | 367 | 0.40 |
| Grading | Scrapers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 423 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | Diesel | Tier 4 Interim | 2.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Cranes | Diesel | Tier 4 Interim | 1.00 | 7.00 | 367 | 0.29 |
| Building Construction | Forklifts | Diesel | Tier 4 Interim | 3.00 | 8.00 | 82.0 | 0.20 |
| Building Construction | Generator Sets | Diesel | Average | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | Diesel | Tier 4 Interim | 3.00 | 7.00 | 84.0 | 0.37 |
| Building Construction | Welders | Diesel | Average | 1.00 | 8.00 | 46.0 | 0.45 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Paving | Pavers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 81.0 | 0.42 |
| Paving | Paving Equipment | Diesel | Tier 4 Interim | 2.00 | 8.00 | 89.0 | 0.36 |
| Paving | Rollers | Diesel | Average | 2.00 | 8.00 | 36.0 | 0.38 |
| Architectural Coating | Air Compressors | Diesel | Average | 1.00 | 6.00 | 37.0 | 0.48 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Demolition | — | — | — | — |
| Demolition | Worker | 16.0 | 0.00 | LDA,LDT1,LDT2 |
| Demolition | Vendor | 4.00 | 0.19 | HHDT,MHDT |
| Demolition | Hauling | 184 | 0.19 | HHDT |
| Demolition | Onsite truck | 0.00 | — | HHDT |
| Grading | — | — | — | — |
| Grading | Worker | 20.0 | 0.00 | LDA,LDT1,LDT2 |
| Grading | Vendor | 4.00 | 0.19 | HHDT,MHDT |
| Grading | Hauling | 0.00 | 0.19 | HHDT |
| Grading | Onsite truck | 0.00 | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 126 | 0.00 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 50.0 | 0.19 | HHDT,MHDT |
| Building Construction | Hauling | 0.00 | 0.19 | HHDT |
| Building Construction | Onsite truck | 0.00 | — | HHDT |
| Paving | — | — | — | — |
| Paving | Worker | 16.0 | 0.00 | LDA,LDT1,LDT2 |
| Paving | Vendor | 0.00 | 0.19 | HHDT,MHDT |

| | | | | |
|---|---|---|---|---|
| Paving | Hauling | 0.00 | 0.19 | HHDT |
| Paving | Onsite truck | 0.00 | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 26.0 | 0.00 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | 0.00 | 0.19 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 0.19 | HHDT |
| Architectural Coating | Onsite truck | 0.00 | — | HHDT |

### 5.3.2. Mitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|---|---|---|---|---|
| Demolition | — | — | — | — |
| Demolition | Worker | 16.0 | 0.00 | LDA,LDT1,LDT2 |
| Demolition | Vendor | 4.00 | 0.19 | HHDT,MHDT |
| Demolition | Hauling | 184 | 0.19 | HHDT |
| Demolition | Onsite truck | 0.00 | — | HHDT |
| Grading | — | — | — | — |
| Grading | Worker | 20.0 | 0.00 | LDA,LDT1,LDT2 |
| Grading | Vendor | 4.00 | 0.19 | HHDT,MHDT |
| Grading | Hauling | 0.00 | 0.19 | HHDT |
| Grading | Onsite truck | 0.00 | — | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 126 | 0.00 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 50.0 | 0.19 | HHDT,MHDT |
| Building Construction | Hauling | 0.00 | 0.19 | HHDT |
| Building Construction | Onsite truck | 0.00 | — | HHDT |
| Paving | — | — | — | — |
| Paving | Worker | 16.0 | 0.00 | LDA,LDT1,LDT2 |

| | | | | |
|---|---|---|---|---|
| Paving | Vendor | 0.00 | 0.19 | HHDT,MHDT |
| Paving | Hauling | 0.00 | 0.19 | HHDT |
| Paving | Onsite truck | 0.00 | — | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 26.0 | 0.00 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | 0.00 | 0.19 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 0.19 | HHDT |
| Architectural Coating | Onsite truck | 0.00 | — | HHDT |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

| Control Strategies Applied | PM10 Reduction | PM2.5 Reduction |
|---|---|---|
| Water unpaved roads twice daily | 55% | 55% |

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|---|
| Architectural Coating | 0.00 | 0.00 | 450,219 | 150,073 | 15,756 |

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (Cubic Yards) | Material Exported (Cubic Yards) | Acres Graded (acres) | Material Demolished (Ton of Debris) | Acres Paved (acres) |
|---|---|---|---|---|---|
| Demolition | 0.00 | 0.00 | 0.00 | 18,381 | — |
| Grading | 0.00 | 0.00 | 63.0 | 0.00 | — |

| | | | | | |
|---|---|---|---|---|---|
| Paving | 0.00 | 0.00 | 0.00 | 0.00 | 6.03 |

### 5.6.2. Construction Earthmoving Control Strategies

| Control Strategies Applied | Frequency (per day) | PM10 Reduction | PM2.5 Reduction |
|---|---|---|---|
| Water Exposed Area | 2 | 61% | 61% |
| Water Demolished Area | 2 | 36% | 36% |

## 5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 0.00 | 0% |
| Unrefrigerated Warehouse-Rail | 0.00 | 0% |
| Parking Lot | 1.18 | 100% |
| Other Asphalt Surfaces | 2.65 | 100% |
| Other Non-Asphalt Surfaces | 2.20 | 0% |

## 5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4 | N2O |
|---|---|---|---|---|
| 2024 | 0.00 | 540 | 0.03 | < 0.005 |
| 2025 | 0.00 | 540 | 0.03 | < 0.005 |

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 733 | 433 | 733 | 251,894 | 6,788 | 4,009 | 6,788 | 2,332,851 |
| Unrefrigerated Warehouse-Rail | 278 | 278 | 278 | 101,468 | 4,098 | 4,098 | 4,098 | 1,495,637 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

### 5.9.2. Mitigated

| Land Use Type | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---|---|---|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 733 | 433 | 733 | 251,894 | 6,788 | 4,009 | 6,788 | 2,332,851 |
| Unrefrigerated Warehouse-Rail | 278 | 278 | 278 | 101,468 | 4,098 | 4,098 | 4,098 | 1,495,637 |
| Parking Lot | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

#### 5.10.1.2. Mitigated

### 5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|---|---|---|---|---|
| 0 | 0.00 | 450,219 | 150,073 | 15,756 |

### 5.10.3. Landscape Equipment

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

### 5.10.4. Landscape Equipment - Mitigated

| Season | Unit | Value |
|---|---|---|
| Snow Days | day/yr | 0.00 |
| Summer Days | day/yr | 180 |

## 5.11. Operational Energy Consumption

### 5.11.1. Unmitigated

#### Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Unrefrigerated Warehouse-Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Parking Lot | 45,089 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |

### 5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use | Electricity (kWh/yr) | CO2 | CH4 | N2O | Natural Gas (kBTU/yr) |
|---|---|---|---|---|---|
| Unrefrigerated Warehouse-No Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Unrefrigerated Warehouse-Rail | 654,312 | 540 | 0.0330 | 0.0040 | 2,201,139 |
| Parking Lot | 45,089 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 540 | 0.0330 | 0.0040 | 0.00 |

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 34,704,266 | 753,799 |
| Unrefrigerated Warehouse-Rail | 34,704,266 | 0.00 |
| Parking Lot | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 |

### 5.12.2. Mitigated

| Land Use | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 34,704,266 | 753,799 |
| Unrefrigerated Warehouse-Rail | 34,704,266 | 0.00 |
| Parking Lot | 0.00 | 0.00 |
| Other Asphalt Surfaces | 0.00 | 0.00 |
| Other Non-Asphalt Surfaces | 0.00 | 0.00 |

## 5.13. Operational Waste Generation

### 5.13.1. Unmitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 141 | — |
| Unrefrigerated Warehouse-Rail | 141 | — |
| Parking Lot | 0.00 | — |
| Other Asphalt Surfaces | 0.00 | — |
| Other Non-Asphalt Surfaces | 0.00 | — |

### 5.13.2. Mitigated

| Land Use | Waste (ton/year) | Cogeneration (kWh/year) |
|---|---|---|
| Unrefrigerated Warehouse-No Rail | 141 | — |
| Unrefrigerated Warehouse-Rail | 141 | — |
| Parking Lot | 0.00 | — |
| Other Asphalt Surfaces | 0.00 | — |
| Other Non-Asphalt Surfaces | 0.00 | — |

## 5.14. Operational Refrigeration and Air Conditioning Equipment

### 5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|

### 5.14.2. Mitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---|---|---|---|---|---|---|---|

## 5.15. Operational Off-Road Equipment

### 5.15.1. Unmitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|
| Forklifts | Diesel | Tier 4 Interim | 37.0 | 8.00 | 82.0 | 0.20 |

### 5.15.2. Mitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|---|---|---|---|---|---|---|
| Forklifts | Diesel | Tier 4 Interim | 37.0 | 8.00 | 82.0 | 0.20 |

## 5.16. Stationary Sources

### 5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|---|---|---|---|---|---|---|
| Fire Pump | Diesel | 1.00 | 1.00 | 50.0 | 500 | 0.73 |

### 5.16.2. Process Boilers

| Equipment Type | Fuel Type | Number | Boiler Rating (MMBtu/hr) | Daily Heat Input (MMBtu/day) | Annual Heat Input (MMBtu/yr) |
|---|---|---|---|---|---|

## 5.17. User Defined

| Equipment Type | Fuel Type |
|---|---|
| — | — |

## 5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

5.18.1.2. Mitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|---|---|---|---|

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

5.18.1.2. Mitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|---|---|---|

5.18.2. Sequestration

5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

5.18.2.2. Mitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|---|---|---|---|

# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard | Result for Project Location | Unit |
|---|---|---|
| Temperature and Extreme Heat | 12.4 | annual days of extreme heat |
| Extreme Precipitation | 3.90 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 7.98 | annual hectares burned |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | N/A | N/A | N/A | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | 1 | 0 | 0 | N/A |
| Wildfire | 1 | 0 | 0 | N/A |
| Flooding | 0 | 0 | 0 | N/A |
| Drought | N/A | N/A | N/A | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | N/A | N/A | N/A | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|---|---|---|---|---|
| Temperature and Extreme Heat | N/A | N/A | N/A | N/A |
| Extreme Precipitation | N/A | N/A | N/A | N/A |
| Sea Level Rise | 1 | 1 | 1 | 2 |
| Wildfire | 1 | 1 | 1 | 2 |
| Flooding | 1 | 1 | 1 | 2 |
| Drought | N/A | N/A | N/A | N/A |
| Snowpack Reduction | N/A | N/A | N/A | N/A |
| Air Quality Degradation | N/A | N/A | N/A | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|
| Exposure Indicators | — |
| AQ-Ozone | 65.7 |

| | |
|---|---|
| AQ-PM | 44.9 |
| AQ-DPM | 62.2 |
| Drinking Water | 43.6 |
| Lead Risk Housing | 11.8 |
| Pesticides | 0.00 |
| Toxic Releases | 26.8 |
| Traffic | 57.6 |
| Effect Indicators | — |
| CleanUp Sites | 50.3 |
| Groundwater | 59.9 |
| Haz Waste Facilities/Generators | 77.5 |
| Impaired Water Bodies | 77.3 |
| Solid Waste | 37.6 |
| Sensitive Population | — |
| Asthma | 22.8 |
| Cardio-vascular | 13.3 |
| Low Birth Weights | 7.17 |
| Socioeconomic Factor Indicators | — |
| Education | 22.2 |
| Housing | 53.6 |
| Linguistic | 0.00 |
| Poverty | 39.2 |
| Unemployment | 41.8 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator | Result for Project Census Tract |
|---|---|

| | |
|---|---|
| Economic | — |
| Above Poverty | 83.02322597 |
| Employed | 85.83344027 |
| Median HI | 66.93186193 |
| Education | — |
| Bachelor's or higher | 48.60772488 |
| High school enrollment | 100 |
| Preschool enrollment | 47.13204158 |
| Transportation | — |
| Auto Access | 98.98626973 |
| Active commuting | 14.11523162 |
| Social | — |
| 2-parent households | 93.43000128 |
| Voting | 85.56396766 |
| Neighborhood | — |
| Alcohol availability | 62.29949955 |
| Park access | 28.57692801 |
| Retail density | 27.15257282 |
| Supermarket access | 43.20544078 |
| Tree canopy | 6.313358142 |
| Housing | — |
| Homeownership | 72.65494675 |
| Housing habitability | 85.4484794 |
| Low-inc homeowner severe housing cost burden | 53.34274349 |
| Low-inc renter severe housing cost burden | 79.04529706 |
| Uncrowded housing | 76.50455537 |
| Health Outcomes | — |

| | |
|---|---|
| Insured adults | 66.95752598 |
| Arthritis | 0.0 |
| Asthma ER Admissions | 69.9 |
| High Blood Pressure | 0.0 |
| Cancer (excluding skin) | 0.0 |
| Asthma | 0.0 |
| Coronary Heart Disease | 0.0 |
| Chronic Obstructive Pulmonary Disease | 0.0 |
| Diagnosed Diabetes | 0.0 |
| Life Expectancy at Birth | 31.0 |
| Cognitively Disabled | 50.3 |
| Physically  Disabled | 17.3 |
| Heart Attack ER Admissions | 66.7 |
| Mental Health Not Good | 0.0 |
| Chronic Kidney Disease | 0.0 |
| Obesity | 0.0 |
| Pedestrian Injuries | 19.6 |
| Physical Health Not Good | 0.0 |
| Stroke | 0.0 |
| Health Risk Behaviors | — |
| Binge Drinking | 0.0 |
| Current Smoker | 0.0 |
| No Leisure Time for Physical Activity | 0.0 |
| Climate Change Exposures | — |
| Wildfire Risk | 18.6 |
| SLR Inundation Area | 0.0 |
| Children | 64.0 |

| | |
|---|---|
| Elderly | 22.8 |
| English Speaking | 98.1 |
| Foreign-born | 6.9 |
| Outdoor Workers | 34.4 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 37.3 |
| Traffic Density | 63.7 |
| Traffic Access | 23.0 |
| Other Indices | — |
| Hardship | 24.9 |
| Other Decision Support | — |
| 2016 Voting | 82.6 |

## 7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---|
| CalEnviroScreen 4.0 Score for Project Location (a) | 21.0 |
| Healthy Places Index Score for Project Location (b) | 77.0 |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | No |
| Project Located in a Low-Income Community (Assembly Bill 1550) | No |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

## 7.4. Health & Equity Measures

No Health & Equity Measures selected.

## 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

## 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

# 8. User Changes to Default Data

| Screen | Justification |
|---|---|
| Construction: Construction Phases | Applicant provided schedule. |
| Construction: Trips and VMT | Default trips rounded to nearest even number to include arrival and departure trips. Construction DPM HRA analysis, worker trip distance set to zero and vendor and haul set to 1,000 feet of onsite travel. |
| Operations: Vehicle Data | Land use split into rail and no rail to model passenger and trucks separately. Trip rates and passenger vehicle trip distance based on Traffic study. Truck trip distance based on traffic study and average truck distance calculation as provided in the Appendix to the AQ analysis. |
| Operations: Fleet Mix | Based on traffic analysis and split into no-rail and rail to separate passenger and truck trips. |
| Operations: Off-Road Equipment | Includes one yard truck for the project, modeled as an additional forklift. PDF Tier 4i engines. |
| Construction: Off-Road Equipment | Crusher added for reuse of onsite existing asphalt included in the demolition phase of construction. |

# Appendix B

## Health Risk Assessment Output Files

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 11/6/2023
** File: C:\Users\dtlar\OneDrive\Desktop\work
models\SanteeCVt7wOpR\SanteeCVt7wOpR.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\dlarocca\Desktop\Air Quality Work\Lakes\Santee\Santee.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 3276208 County_of_San_Diego
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL SanteeCVt7wOpR.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC Onsite Construction
** PREFIX
** Length of Side = 8.60
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 33
** 503680.517, 3634375.406, 108.95, 3.40, 4.00
** 503687.016, 3634513.323, 108.62, 3.40, 4.00
```

```
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** 503795.327, 3634554.481, 107.72, 3.40, 4.00
** 503907.249, 3634556.647, 108.60, 3.40, 4.00
** 503906.527, 3634374.684, 109.20, 3.40, 4.00
** 503697.125, 3634378.295, 108.95, 3.40, 4.00
** 503701.457, 3634511.879, 108.42, 3.40, 4.00
** 503711.566, 3634526.320, 108.40, 3.40, 4.00
** 503784.496, 3634523.432, 108.16, 3.40, 4.00
** 503806.158, 3634542.206, 107.96, 3.40, 4.00
** 503889.197, 3634544.372, 108.92, 3.40, 4.00
** 503885.587, 3634393.458, 109.20, 3.40, 4.00
** 503710.844, 3634397.069, 108.94, 3.40, 4.00
** 503715.177, 3634495.271, 108.25, 3.40, 4.00
** 503730.340, 3634510.435, 108.09, 3.40, 4.00
** 503804.714, 3634508.268, 108.27, 3.40, 4.00
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** 503872.589, 3634525.598, 108.93, 3.40, 4.00
** 503869.701, 3634412.232, 109.62, 3.40, 4.00
** 503731.062, 3634413.676, 108.85, 3.40, 4.00
** 503733.229, 3634490.216, 108.15, 3.40, 4.00
** 503807.603, 3634490.216, 108.43, 3.40, 4.00
** 503842.984, 3634510.435, 108.69, 3.40, 4.00
** 503856.704, 3634511.157, 109.16, 3.40, 4.00
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** 503749.114, 3634431.728, 108.88, 3.40, 4.00
** 503749.836, 3634471.442, 108.59, 3.40, 4.00
** 503809.047, 3634473.609, 108.91, 3.40, 4.00
** 503837.930, 3634485.884, 108.83, 3.40, 4.00
** 503836.486, 3634451.224, 109.14, 3.40, 4.00
** 503768.610, 3634450.502, 108.69, 3.40, 4.00
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   LOCATION L0000002     VOLUME   503681.124 3634388.292 108.99
   LOCATION L0000003     VOLUME   503681.529 3634396.882 109.00
   LOCATION L0000004     VOLUME   503681.934 3634405.473 108.91
   LOCATION L0000005     VOLUME   503682.339 3634414.063 108.83
   LOCATION L0000006     VOLUME   503682.743 3634422.654 108.75
   LOCATION L0000007     VOLUME   503683.148 3634431.244 108.66
   LOCATION L0000008     VOLUME   503683.553 3634439.835 108.59
   LOCATION L0000009     VOLUME   503683.958 3634448.425 108.52
   LOCATION L0000010     VOLUME   503684.363 3634457.016 108.44
   LOCATION L0000011     VOLUME   503684.767 3634465.606 108.47
   LOCATION L0000012     VOLUME   503685.172 3634474.197 108.51
   LOCATION L0000013     VOLUME   503685.577 3634482.787 108.55
   LOCATION L0000014     VOLUME   503685.982 3634491.378 108.58
   LOCATION L0000015     VOLUME   503686.386 3634499.968 108.58
   LOCATION L0000016     VOLUME   503686.791 3634508.559 108.58
   LOCATION L0000017     VOLUME   503689.186 3634516.479 108.57
   LOCATION L0000018     VOLUME   503694.058 3634523.566 108.58
```

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LOCATION L0000022 VOLUME 503721.691 3634536.241 108.54
LOCATION L0000023 VOLUME 503730.290 3634536.155 108.42
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LOCATION L0000027 VOLUME 503764.688 3634535.811 108.09
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LOCATION L0000029 VOLUME 503780.077 3634540.320 108.02
LOCATION L0000030 VOLUME 503786.379 3634546.172 107.99
LOCATION L0000031 VOLUME 503792.681 3634552.024 107.88
LOCATION L0000032 VOLUME 503800.315 3634554.578 107.59
LOCATION L0000033 VOLUME 503808.913 3634554.744 107.60
LOCATION L0000034 VOLUME 503817.511 3634554.911 107.62
LOCATION L0000035 VOLUME 503826.110 3634555.077 107.64
LOCATION L0000036 VOLUME 503834.708 3634555.243 107.67
LOCATION L0000037 VOLUME 503843.307 3634555.410 107.83
LOCATION L0000038 VOLUME 503851.905 3634555.576 107.98
LOCATION L0000039 VOLUME 503860.503 3634555.743 108.13
LOCATION L0000040 VOLUME 503869.102 3634555.909 108.15
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LOCATION L0000042 VOLUME 503886.299 3634556.242 108.19
LOCATION L0000043 VOLUME 503894.897 3634556.408 108.13
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LOCATION L0000166 VOLUME 503718.534 3634396.910 108.94
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LOCATION L0000219 VOLUME 503803.993 3634412.917 109.17
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LOCATION L0000224 VOLUME 503760.996 3634413.365 109.01
LOCATION L0000225 VOLUME 503752.396 3634413.454 108.98
LOCATION L0000226 VOLUME 503743.797 3634413.544 108.93
LOCATION L0000227 VOLUME 503735.197 3634413.633 108.88
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LOCATION L0000233 VOLUME 503732.405 3634461.122 108.62
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LOCATION L0000236 VOLUME 503733.135 3634486.912 108.21
LOCATION L0000237 VOLUME 503738.523 3634490.216 108.21
LOCATION L0000238 VOLUME 503747.123 3634490.216 108.29
LOCATION L0000239 VOLUME 503755.723 3634490.216 108.37
LOCATION L0000240 VOLUME 503764.323 3634490.216 108.37
LOCATION L0000241 VOLUME 503772.923 3634490.216 108.36
LOCATION L0000242 VOLUME 503781.523 3634490.216 108.35
LOCATION L0000243 VOLUME 503790.123 3634490.216 108.37
LOCATION L0000244 VOLUME 503798.723 3634490.216 108.40
LOCATION L0000245 VOLUME 503807.323 3634490.216 108.42
LOCATION L0000246 VOLUME 503814.827 3634494.345 108.49
LOCATION L0000247 VOLUME 503822.294 3634498.611 108.55
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LOCATION L0000249 VOLUME 503837.227 3634507.145 108.71
LOCATION L0000250 VOLUME 503844.951 3634510.538 108.87
LOCATION L0000251 VOLUME 503853.539 3634510.990 109.09
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LOCATION L0000254 VOLUME 503855.266 3634488.571 109.36
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LOCATION L0000256 VOLUME 503854.174 3634471.406 109.35
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LOCATION L0000258 VOLUME 503853.082 3634454.241 109.37
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LOCATION L0000268 VOLUME 503788.207 3634431.728 109.00

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SRCPARAM L0000251     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000252     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000253     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000254     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000255     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000256     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000257     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000258     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000259     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000260     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000261     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000262     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000263     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000264     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000265     0.0033444816      3.40      4.00      3.16
SRCPARAM L0000266     0.0033444816      3.40      4.00      3.16
```

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   SRCPARAM L0000267     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000268     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000269     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000270     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000271     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000272     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000273     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000274     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000275     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000276     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000277     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000278     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000279     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000280     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000281     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000282     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000283     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000284     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000285     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000286     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000287     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000288     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000289     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000290     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000291     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000292     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000293     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000294     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000295     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000296     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000297     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000298     0.0033444816      3.40      4.00      3.16
   SRCPARAM L0000299     0.0033444816      3.40      4.00      3.16
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED SanteeCVt7wOpR.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
```

```
**
**
ME STARTING
   SURFFILE LES_2019-2021_v22112.SFC
   PROFFILE LES_2019-2021_v22112.PFL
   SURFDATA 53143 2019
   UAIRDATA 3190 2019
   SITEDATA 1022 2019
   PROFBASE 143.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SANTEECVT7WOPR.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL SANTEECVT7WOPR.AD\PE00GALL.PLT 32
   SUMMFILE SanteeCVt7wOpR.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403     708       PFLCNV: Turbulence data is being used w/o ADJ_U* option
SigA Data

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

↟ *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                          ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   143.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.1 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   SanteeCVt7wOpR.err

 **File for Summary of Results:   SanteeCVt7wOpR.sum

 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:32:02

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000001 | 0 | 0.33445E-02 | 503680.7 | 3634379.7 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000002 | 0 | 0.33445E-02 | 503681.1 | 3634388.3 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000003 | 0 | 0.33445E-02 | 503681.5 | 3634396.9 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000004 | 0 | 0.33445E-02 | 503681.9 | 3634405.5 | 108.9 | 3.40 | 4.00 | 3.16 YES |
| L0000005 | 0 | 0.33445E-02 | 503682.3 | 3634414.1 | 108.8 | 3.40 | 4.00 | 3.16 YES |
| L0000006 | 0 | 0.33445E-02 | 503682.7 | 3634422.7 | 108.8 | 3.40 | 4.00 | 3.16 YES |
| L0000007 | 0 | 0.33445E-02 | 503683.1 | 3634431.2 | 108.7 | 3.40 | 4.00 | 3.16 YES |
| L0000008 | 0 | 0.33445E-02 | 503683.6 | 3634439.8 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000009 | 0 | 0.33445E-02 | 503684.0 | 3634448.4 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000010 | 0 | 0.33445E-02 | 503684.4 | 3634457.0 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000011 | 0 | 0.33445E-02 | 503684.8 | 3634465.6 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000012 | 0 | 0.33445E-02 | 503685.2 | 3634474.2 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000013 | 0 | 0.33445E-02 | 503685.6 | 3634482.8 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000014 | 0 | 0.33445E-02 | 503686.0 | 3634491.4 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000015 | 0 | 0.33445E-02 | 503686.4 | 3634500.0 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000016 | 0 | 0.33445E-02 | 503686.8 | 3634508.6 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000017 | 0 | 0.33445E-02 | 503689.2 | 3634516.5 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000018 | 0 | 0.33445E-02 | 503694.1 | 3634523.6 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000019 | 0 | 0.33445E-02 | 503698.9 | 3634530.7 | 108.7 | 3.40 | 4.00 | 3.16 YES |
| L0000020 | 0 | 0.33445E-02 | 503704.5 | 3634536.4 | 108.8 | 3.40 | 4.00 | 3.16 YES |
| L0000021 | 0 | 0.33445E-02 | 503713.1 | 3634536.3 | 108.7 | 3.40 | 4.00 | 3.16 YES |
| L0000022 | 0 | 0.33445E-02 | 503721.7 | 3634536.2 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000023 | 0 | 0.33445E-02 | 503730.3 | 3634536.2 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000024 | 0 | 0.33445E-02 | 503738.9 | 3634536.1 | 108.3 | 3.40 | 4.00 | 3.16 YES |

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 L0000025         0   0.33445E-02  503747.5 3634536.0   108.2     3.40     4.00
3.16     YES
 L0000026         0   0.33445E-02  503756.1 3634535.9   108.1     3.40     4.00
3.16     YES
 L0000027         0   0.33445E-02  503764.7 3634535.8   108.1     3.40     4.00
3.16     YES
 L0000028         0   0.33445E-02  503773.3 3634535.7   108.1     3.40     4.00
3.16     YES
 L0000029         0   0.33445E-02  503780.1 3634540.3   108.0     3.40     4.00
3.16     YES
 L0000030         0   0.33445E-02  503786.4 3634546.2   108.0     3.40     4.00
3.16     YES
 L0000031         0   0.33445E-02  503792.7 3634552.0   107.9     3.40     4.00
3.16     YES
 L0000032         0   0.33445E-02  503800.3 3634554.6   107.6     3.40     4.00
3.16     YES
 L0000033         0   0.33445E-02  503808.9 3634554.7   107.6     3.40     4.00
3.16     YES
 L0000034         0   0.33445E-02  503817.5 3634554.9   107.6     3.40     4.00
3.16     YES
 L0000035         0   0.33445E-02  503826.1 3634555.1   107.6     3.40     4.00
3.16     YES
 L0000036         0   0.33445E-02  503834.7 3634555.2   107.7     3.40     4.00
3.16     YES
 L0000037         0   0.33445E-02  503843.3 3634555.4   107.8     3.40     4.00
3.16     YES
 L0000038         0   0.33445E-02  503851.9 3634555.6   108.0     3.40     4.00
3.16     YES
 L0000039         0   0.33445E-02  503860.5 3634555.7   108.1     3.40     4.00
3.16     YES
 L0000040         0   0.33445E-02  503869.1 3634555.9   108.1     3.40     4.00
3.16     YES
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY |
|---|---|---|---|---|---|---|---|---|---|---|
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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000041 | 0 | 0.33445E-02 | 503877.7 | 3634556.1 | 108.2 | 3.40 | 4.00 | 3.16 YES |
| L0000042 | 0 | 0.33445E-02 | 503886.3 | 3634556.2 | 108.2 | 3.40 | 4.00 | 3.16 YES |
| L0000043 | 0 | 0.33445E-02 | 503894.9 | 3634556.4 | 108.1 | 3.40 | 4.00 | 3.16 YES |
| L0000044 | 0 | 0.33445E-02 | 503903.5 | 3634556.6 | 108.1 | 3.40 | 4.00 | 3.16 YES |
| L0000045 | 0 | 0.33445E-02 | 503907.2 | 3634551.8 | 108.8 | 3.40 | 4.00 | 3.16 YES |
| L0000046 | 0 | 0.33445E-02 | 503907.2 | 3634543.2 | 109.1 | 3.40 | 4.00 | 3.16 YES |
| L0000047 | 0 | 0.33445E-02 | 503907.2 | 3634534.6 | 109.2 | 3.40 | 4.00 | 3.16 YES |
| L0000048 | 0 | 0.33445E-02 | 503907.1 | 3634526.0 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000049 | 0 | 0.33445E-02 | 503907.1 | 3634517.4 | 109.5 | 3.40 | 4.00 | 3.16 YES |
| L0000050 | 0 | 0.33445E-02 | 503907.1 | 3634508.8 | 109.5 | 3.40 | 4.00 | 3.16 YES |
| L0000051 | 0 | 0.33445E-02 | 503907.0 | 3634500.2 | 109.5 | 3.40 | 4.00 | 3.16 YES |
| L0000052 | 0 | 0.33445E-02 | 503907.0 | 3634491.6 | 109.5 | 3.40 | 4.00 | 3.16 YES |
| L0000053 | 0 | 0.33445E-02 | 503907.0 | 3634483.0 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000054 | 0 | 0.33445E-02 | 503906.9 | 3634474.4 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000055 | 0 | 0.33445E-02 | 503906.9 | 3634465.8 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000056 | 0 | 0.33445E-02 | 503906.9 | 3634457.2 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000057 | 0 | 0.33445E-02 | 503906.8 | 3634448.6 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000058 | 0 | 0.33445E-02 | 503906.8 | 3634440.0 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000059 | 0 | 0.33445E-02 | 503906.8 | 3634431.4 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000060 | 0 | 0.33445E-02 | 503906.7 | 3634422.8 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000061 | 0 | 0.33445E-02 | 503906.7 | 3634414.2 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000062 | 0 | 0.33445E-02 | 503906.6 | 3634405.6 | 109.2 | 3.40 | 4.00 | 3.16 YES |
| L0000063 | 0 | 0.33445E-02 | 503906.6 | 3634397.0 | 109.2 | 3.40 | 4.00 | 3.16 YES |
| L0000064 | 0 | 0.33445E-02 | 503906.6 | 3634388.4 | 109.2 | 3.40 | 4.00 | 3.16 YES |

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 L0000065         0   0.33445E-02  503906.5 3634379.8   109.2     3.40     4.00
3.16     YES
 L0000066         0   0.33445E-02  503903.0 3634374.7   109.2     3.40     4.00
3.16     YES
 L0000067         0   0.33445E-02  503894.4 3634374.9   109.2     3.40     4.00
3.16     YES
 L0000068         0   0.33445E-02  503885.8 3634375.0   109.3     3.40     4.00
3.16     YES
 L0000069         0   0.33445E-02  503877.2 3634375.2   109.3     3.40     4.00
3.16     YES
 L0000070         0   0.33445E-02  503868.7 3634375.3   109.4     3.40     4.00
3.16     YES
 L0000071         0   0.33445E-02  503860.1 3634375.5   109.5     3.40     4.00
3.16     YES
 L0000072         0   0.33445E-02  503851.5 3634375.6   109.4     3.40     4.00
3.16     YES
 L0000073         0   0.33445E-02  503842.9 3634375.8   109.4     3.40     4.00
3.16     YES
 L0000074         0   0.33445E-02  503834.3 3634375.9   109.4     3.40     4.00
3.16     YES
 L0000075         0   0.33445E-02  503825.7 3634376.1   109.4     3.40     4.00
3.16     YES
 L0000076         0   0.33445E-02  503817.1 3634376.2   109.3     3.40     4.00
3.16     YES
 L0000077         0   0.33445E-02  503808.5 3634376.4   109.2     3.40     4.00
3.16     YES
 L0000078         0   0.33445E-02  503799.9 3634376.5   109.2     3.40     4.00
3.16     YES
 L0000079         0   0.33445E-02  503791.3 3634376.7   109.2     3.40     4.00
3.16     YES
 L0000080         0   0.33445E-02  503782.7 3634376.8   109.2     3.40     4.00
3.16     YES
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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|---|---|---|---|---|---|---|---|---|---|
| L0000081 | 0 | 0.33445E-02 | 503774.1 | 3634377.0 | 109.2 | 3.40 | 4.00 | 3.16 | YES |
| L0000082 | 0 | 0.33445E-02 | 503765.5 | 3634377.1 | 109.1 | 3.40 | 4.00 | 3.16 | YES |
| L0000083 | 0 | 0.33445E-02 | 503756.9 | 3634377.3 | 109.1 | 3.40 | 4.00 | 3.16 | YES |
| L0000084 | 0 | 0.33445E-02 | 503748.3 | 3634377.4 | 109.1 | 3.40 | 4.00 | 3.16 | YES |
| L0000085 | 0 | 0.33445E-02 | 503739.7 | 3634377.6 | 109.1 | 3.40 | 4.00 | 3.16 | YES |
| L0000086 | 0 | 0.33445E-02 | 503731.1 | 3634377.7 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000087 | 0 | 0.33445E-02 | 503722.5 | 3634377.9 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000088 | 0 | 0.33445E-02 | 503713.9 | 3634378.0 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000089 | 0 | 0.33445E-02 | 503705.3 | 3634378.2 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000090 | 0 | 0.33445E-02 | 503697.1 | 3634378.7 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000091 | 0 | 0.33445E-02 | 503697.4 | 3634387.3 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000092 | 0 | 0.33445E-02 | 503697.7 | 3634395.9 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000093 | 0 | 0.33445E-02 | 503698.0 | 3634404.5 | 108.9 | 3.40 | 4.00 | 3.16 | YES |
| L0000094 | 0 | 0.33445E-02 | 503698.3 | 3634413.1 | 108.8 | 3.40 | 4.00 | 3.16 | YES |
| L0000095 | 0 | 0.33445E-02 | 503698.5 | 3634421.7 | 108.7 | 3.40 | 4.00 | 3.16 | YES |
| L0000096 | 0 | 0.33445E-02 | 503698.8 | 3634430.3 | 108.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000097 | 0 | 0.33445E-02 | 503699.1 | 3634438.9 | 108.5 | 3.40 | 4.00 | 3.16 | YES |
| L0000098 | 0 | 0.33445E-02 | 503699.4 | 3634447.5 | 108.5 | 3.40 | 4.00 | 3.16 | YES |
| L0000099 | 0 | 0.33445E-02 | 503699.6 | 3634456.1 | 108.4 | 3.40 | 4.00 | 3.16 | YES |
| L0000100 | 0 | 0.33445E-02 | 503699.9 | 3634464.7 | 108.4 | 3.40 | 4.00 | 3.16 | YES |
| L0000101 | 0 | 0.33445E-02 | 503700.2 | 3634473.3 | 108.3 | 3.40 | 4.00 | 3.16 | YES |
| L0000102 | 0 | 0.33445E-02 | 503700.5 | 3634481.9 | 108.3 | 3.40 | 4.00 | 3.16 | YES |
| L0000103 | 0 | 0.33445E-02 | 503700.8 | 3634490.5 | 108.3 | 3.40 | 4.00 | 3.16 | YES |
| L0000104 | 0 | 0.33445E-02 | 503701.0 | 3634499.1 | 108.4 | 3.40 | 4.00 | 3.16 | YES |

```
 L0000105         0   0.33445E-02  503701.3 3634507.7   108.4     3.40     4.00
3.16     YES
 L0000106         0   0.33445E-02  503704.0 3634515.5   108.4     3.40     4.00
3.16     YES
 L0000107         0   0.33445E-02  503708.9 3634522.5   108.4     3.40     4.00
3.16     YES
 L0000108         0   0.33445E-02  503715.5 3634526.2   108.4     3.40     4.00
3.16     YES
 L0000109         0   0.33445E-02  503724.1 3634525.8   108.3     3.40     4.00
3.16     YES
 L0000110         0   0.33445E-02  503732.7 3634525.5   108.2     3.40     4.00
3.16     YES
 L0000111         0   0.33445E-02  503741.3 3634525.1   108.1     3.40     4.00
3.16     YES
 L0000112         0   0.33445E-02  503749.9 3634524.8   108.0     3.40     4.00
3.16     YES
 L0000113         0   0.33445E-02  503758.5 3634524.5   108.0     3.40     4.00
3.16     YES
 L0000114         0   0.33445E-02  503767.1 3634524.1   108.0     3.40     4.00
3.16     YES
 L0000115         0   0.33445E-02  503775.7 3634523.8   108.1     3.40     4.00
3.16     YES
 L0000116         0   0.33445E-02  503784.3 3634523.4   108.1     3.40     4.00
3.16     YES
 L0000117         0   0.33445E-02  503790.8 3634528.9   108.1     3.40     4.00
3.16     YES
 L0000118         0   0.33445E-02  503797.3 3634534.6   108.1     3.40     4.00
3.16     YES
 L0000119         0   0.33445E-02  503803.8 3634540.2   108.1     3.40     4.00
3.16     YES
 L0000120         0   0.33445E-02  503811.7 3634542.3   108.2     3.40     4.00
3.16     YES
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY |
|---|---|---|---|---|---|---|---|---|---|---|

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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|---|---|---|---|---|---|---|---|---|
| L0000121 | 0 | 0.33445E-02 | 503820.3 | 3634542.6 | 108.2 | 3.40 | 4.00 | 3.16 YES |
| L0000122 | 0 | 0.33445E-02 | 503828.9 | 3634542.8 | 108.3 | 3.40 | 4.00 | 3.16 YES |
| L0000123 | 0 | 0.33445E-02 | 503837.5 | 3634543.0 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000124 | 0 | 0.33445E-02 | 503846.1 | 3634543.2 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000125 | 0 | 0.33445E-02 | 503854.7 | 3634543.5 | 108.8 | 3.40 | 4.00 | 3.16 YES |
| L0000126 | 0 | 0.33445E-02 | 503863.3 | 3634543.7 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000127 | 0 | 0.33445E-02 | 503871.8 | 3634543.9 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000128 | 0 | 0.33445E-02 | 503880.4 | 3634544.1 | 109.1 | 3.40 | 4.00 | 3.16 YES |
| L0000129 | 0 | 0.33445E-02 | 503889.0 | 3634544.4 | 109.1 | 3.40 | 4.00 | 3.16 YES |
| L0000130 | 0 | 0.33445E-02 | 503889.0 | 3634535.9 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000131 | 0 | 0.33445E-02 | 503888.8 | 3634527.3 | 109.5 | 3.40 | 4.00 | 3.16 YES |
| L0000132 | 0 | 0.33445E-02 | 503888.6 | 3634518.7 | 109.6 | 3.40 | 4.00 | 3.16 YES |
| L0000133 | 0 | 0.33445E-02 | 503888.4 | 3634510.1 | 109.6 | 3.40 | 4.00 | 3.16 YES |
| L0000134 | 0 | 0.33445E-02 | 503888.2 | 3634501.5 | 109.6 | 3.40 | 4.00 | 3.16 YES |
| L0000135 | 0 | 0.33445E-02 | 503888.0 | 3634492.9 | 109.6 | 3.40 | 4.00 | 3.16 YES |
| L0000136 | 0 | 0.33445E-02 | 503887.8 | 3634484.3 | 109.7 | 3.40 | 4.00 | 3.16 YES |
| L0000137 | 0 | 0.33445E-02 | 503887.6 | 3634475.7 | 109.7 | 3.40 | 4.00 | 3.16 YES |
| L0000138 | 0 | 0.33445E-02 | 503887.3 | 3634467.1 | 109.8 | 3.40 | 4.00 | 3.16 YES |
| L0000139 | 0 | 0.33445E-02 | 503887.1 | 3634458.6 | 109.8 | 3.40 | 4.00 | 3.16 YES |
| L0000140 | 0 | 0.33445E-02 | 503886.9 | 3634450.0 | 109.8 | 3.40 | 4.00 | 3.16 YES |
| L0000141 | 0 | 0.33445E-02 | 503886.7 | 3634441.4 | 109.9 | 3.40 | 4.00 | 3.16 YES |
| L0000142 | 0 | 0.33445E-02 | 503886.5 | 3634432.8 | 109.9 | 3.40 | 4.00 | 3.16 YES |
| L0000143 | 0 | 0.33445E-02 | 503886.3 | 3634424.2 | 109.9 | 3.40 | 4.00 | 3.16 YES |
| L0000144 | 0 | 0.33445E-02 | 503886.1 | 3634415.6 | 109.7 | 3.40 | 4.00 | 3.16 YES |

```
 L0000145         0   0.33445E-02  503885.9 3634407.0   109.4     3.40     4.00
3.16     YES
 L0000146         0   0.33445E-02  503885.7 3634398.4   109.2     3.40     4.00
3.16     YES
 L0000147         0   0.33445E-02  503881.9 3634393.5   109.3     3.40     4.00
3.16     YES
 L0000148         0   0.33445E-02  503873.3 3634393.7   109.4     3.40     4.00
3.16     YES
 L0000149         0   0.33445E-02  503864.7 3634393.9   109.6     3.40     4.00
3.16     YES
 L0000150         0   0.33445E-02  503856.1 3634394.1   109.6     3.40     4.00
3.16     YES
 L0000151         0   0.33445E-02  503847.5 3634394.2   109.5     3.40     4.00
3.16     YES
 L0000152         0   0.33445E-02  503838.9 3634394.4   109.5     3.40     4.00
3.16     YES
 L0000153         0   0.33445E-02  503830.3 3634394.6   109.4     3.40     4.00
3.16     YES
 L0000154         0   0.33445E-02  503821.7 3634394.8   109.4     3.40     4.00
3.16     YES
 L0000155         0   0.33445E-02  503813.1 3634395.0   109.3     3.40     4.00
3.16     YES
 L0000156         0   0.33445E-02  503804.5 3634395.1   109.3     3.40     4.00
3.16     YES
 L0000157         0   0.33445E-02  503795.9 3634395.3   109.2     3.40     4.00
3.16     YES
 L0000158         0   0.33445E-02  503787.3 3634395.5   109.1     3.40     4.00
3.16     YES
 L0000159         0   0.33445E-02  503778.7 3634395.7   109.1     3.40     4.00
3.16     YES
 L0000160         0   0.33445E-02  503770.1 3634395.8   109.1     3.40     4.00
3.16     YES
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY |
|---|---|---|---|---|---|---|---|---|---|---|

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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|---|---|---|---|---|---|---|---|---|
| L0000161 | 0 | 0.33445E-02 | 503761.5 | 3634396.0 | 109.1 | 3.40 | 4.00 | 3.16 YES |
| L0000162 | 0 | 0.33445E-02 | 503752.9 | 3634396.2 | 109.1 | 3.40 | 4.00 | 3.16 YES |
| L0000163 | 0 | 0.33445E-02 | 503744.3 | 3634396.4 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000164 | 0 | 0.33445E-02 | 503735.7 | 3634396.6 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000165 | 0 | 0.33445E-02 | 503727.1 | 3634396.7 | 109.0 | 3.40 | 4.00 | 3.16 YES |
| L0000166 | 0 | 0.33445E-02 | 503718.5 | 3634396.9 | 108.9 | 3.40 | 4.00 | 3.16 YES |
| L0000167 | 0 | 0.33445E-02 | 503710.9 | 3634398.0 | 108.9 | 3.40 | 4.00 | 3.16 YES |
| L0000168 | 0 | 0.33445E-02 | 503711.3 | 3634406.6 | 108.8 | 3.40 | 4.00 | 3.16 YES |
| L0000169 | 0 | 0.33445E-02 | 503711.6 | 3634415.2 | 108.8 | 3.40 | 4.00 | 3.16 YES |
| L0000170 | 0 | 0.33445E-02 | 503712.0 | 3634423.8 | 108.7 | 3.40 | 4.00 | 3.16 YES |
| L0000171 | 0 | 0.33445E-02 | 503712.4 | 3634432.3 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000172 | 0 | 0.33445E-02 | 503712.8 | 3634440.9 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000173 | 0 | 0.33445E-02 | 503713.2 | 3634449.5 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000174 | 0 | 0.33445E-02 | 503713.5 | 3634458.1 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000175 | 0 | 0.33445E-02 | 503713.9 | 3634466.7 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000176 | 0 | 0.33445E-02 | 503714.3 | 3634475.3 | 108.3 | 3.40 | 4.00 | 3.16 YES |
| L0000177 | 0 | 0.33445E-02 | 503714.7 | 3634483.9 | 108.2 | 3.40 | 4.00 | 3.16 YES |
| L0000178 | 0 | 0.33445E-02 | 503715.1 | 3634492.5 | 108.2 | 3.40 | 4.00 | 3.16 YES |
| L0000179 | 0 | 0.33445E-02 | 503719.3 | 3634499.4 | 108.2 | 3.40 | 4.00 | 3.16 YES |
| L0000180 | 0 | 0.33445E-02 | 503725.4 | 3634505.5 | 108.1 | 3.40 | 4.00 | 3.16 YES |
| L0000181 | 0 | 0.33445E-02 | 503731.9 | 3634510.4 | 108.1 | 3.40 | 4.00 | 3.16 YES |
| L0000182 | 0 | 0.33445E-02 | 503740.5 | 3634510.1 | 108.1 | 3.40 | 4.00 | 3.16 YES |
| L0000183 | 0 | 0.33445E-02 | 503749.1 | 3634509.9 | 108.1 | 3.40 | 4.00 | 3.16 YES |
| L0000184 | 0 | 0.33445E-02 | 503757.7 | 3634509.6 | 108.1 | 3.40 | 4.00 | 3.16 YES |

```
 L0000185         0   0.33445E-02  503766.3 3634509.4   108.1     3.40     4.00
3.16     YES
 L0000186         0   0.33445E-02  503774.9 3634509.1   108.2     3.40     4.00
3.16     YES
 L0000187         0   0.33445E-02  503783.5 3634508.9   108.2     3.40     4.00
3.16     YES
 L0000188         0   0.33445E-02  503792.1 3634508.6   108.2     3.40     4.00
3.16     YES
 L0000189         0   0.33445E-02  503800.7 3634508.4   108.3     3.40     4.00
3.16     YES
 L0000190         0   0.33445E-02  503808.0 3634511.4   108.3     3.40     4.00
3.16     YES
 L0000191         0   0.33445E-02  503814.2 3634517.4   108.3     3.40     4.00
3.16     YES
 L0000192         0   0.33445E-02  503820.4 3634523.3   108.3     3.40     4.00
3.16     YES
 L0000193         0   0.33445E-02  503828.1 3634525.6   108.4     3.40     4.00
3.16     YES
 L0000194         0   0.33445E-02  503836.7 3634525.6   108.5     3.40     4.00
3.16     YES
 L0000195         0   0.33445E-02  503845.3 3634525.6   108.7     3.40     4.00
3.16     YES
 L0000196         0   0.33445E-02  503853.9 3634525.6   109.0     3.40     4.00
3.16     YES
 L0000197         0   0.33445E-02  503862.5 3634525.6   109.1     3.40     4.00
3.16     YES
 L0000198         0   0.33445E-02  503871.1 3634525.6   109.3     3.40     4.00
3.16     YES
 L0000199         0   0.33445E-02  503872.4 3634518.5   109.4     3.40     4.00
3.16     YES
 L0000200         0   0.33445E-02  503872.2 3634509.9   109.5     3.40     4.00
3.16     YES
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY |
|---|---|---|---|---|---|---|---|---|---|---|

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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|---|---|---|---|---|---|---|---|---|---|
| L0000201 | 0 | 0.33445E-02 | 503872.0 | 3634501.3 | 109.5 | 3.40 | 4.00 | 3.16 | YES |
| L0000202 | 0 | 0.33445E-02 | 503871.8 | 3634492.7 | 109.5 | 3.40 | 4.00 | 3.16 | YES |
| L0000203 | 0 | 0.33445E-02 | 503871.5 | 3634484.1 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000204 | 0 | 0.33445E-02 | 503871.3 | 3634475.5 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000205 | 0 | 0.33445E-02 | 503871.1 | 3634466.9 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000206 | 0 | 0.33445E-02 | 503870.9 | 3634458.3 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000207 | 0 | 0.33445E-02 | 503870.7 | 3634449.7 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000208 | 0 | 0.33445E-02 | 503870.4 | 3634441.1 | 109.7 | 3.40 | 4.00 | 3.16 | YES |
| L0000209 | 0 | 0.33445E-02 | 503870.2 | 3634432.5 | 109.7 | 3.40 | 4.00 | 3.16 | YES |
| L0000210 | 0 | 0.33445E-02 | 503870.0 | 3634423.9 | 109.7 | 3.40 | 4.00 | 3.16 | YES |
| L0000211 | 0 | 0.33445E-02 | 503869.8 | 3634415.3 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000212 | 0 | 0.33445E-02 | 503864.2 | 3634412.3 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000213 | 0 | 0.33445E-02 | 503855.6 | 3634412.4 | 109.6 | 3.40 | 4.00 | 3.16 | YES |
| L0000214 | 0 | 0.33445E-02 | 503847.0 | 3634412.5 | 109.5 | 3.40 | 4.00 | 3.16 | YES |
| L0000215 | 0 | 0.33445E-02 | 503838.4 | 3634412.6 | 109.4 | 3.40 | 4.00 | 3.16 | YES |
| L0000216 | 0 | 0.33445E-02 | 503829.8 | 3634412.6 | 109.3 | 3.40 | 4.00 | 3.16 | YES |
| L0000217 | 0 | 0.33445E-02 | 503821.2 | 3634412.7 | 109.3 | 3.40 | 4.00 | 3.16 | YES |
| L0000218 | 0 | 0.33445E-02 | 503812.6 | 3634412.8 | 109.2 | 3.40 | 4.00 | 3.16 | YES |
| L0000219 | 0 | 0.33445E-02 | 503804.0 | 3634412.9 | 109.2 | 3.40 | 4.00 | 3.16 | YES |
| L0000220 | 0 | 0.33445E-02 | 503795.4 | 3634413.0 | 109.1 | 3.40 | 4.00 | 3.16 | YES |
| L0000221 | 0 | 0.33445E-02 | 503786.8 | 3634413.1 | 109.1 | 3.40 | 4.00 | 3.16 | YES |
| L0000222 | 0 | 0.33445E-02 | 503778.2 | 3634413.2 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000223 | 0 | 0.33445E-02 | 503769.6 | 3634413.3 | 109.0 | 3.40 | 4.00 | 3.16 | YES |
| L0000224 | 0 | 0.33445E-02 | 503761.0 | 3634413.4 | 109.0 | 3.40 | 4.00 | 3.16 | YES |

```
 L0000225         0   0.33445E-02  503752.4 3634413.5   109.0     3.40     4.00
3.16     YES
 L0000226         0   0.33445E-02  503743.8 3634413.5   108.9     3.40     4.00
3.16     YES
 L0000227         0   0.33445E-02  503735.2 3634413.6   108.9     3.40     4.00
3.16     YES
 L0000228         0   0.33445E-02  503731.2 3634418.1   108.8     3.40     4.00
3.16     YES
 L0000229         0   0.33445E-02  503731.4 3634426.7   108.8     3.40     4.00
3.16     YES
 L0000230         0   0.33445E-02  503731.7 3634435.3   108.8     3.40     4.00
3.16     YES
 L0000231         0   0.33445E-02  503731.9 3634443.9   108.7     3.40     4.00
3.16     YES
 L0000232         0   0.33445E-02  503732.2 3634452.5   108.7     3.40     4.00
3.16     YES
 L0000233         0   0.33445E-02  503732.4 3634461.1   108.6     3.40     4.00
3.16     YES
 L0000234         0   0.33445E-02  503732.6 3634469.7   108.5     3.40     4.00
3.16     YES
 L0000235         0   0.33445E-02  503732.9 3634478.3   108.3     3.40     4.00
3.16     YES
 L0000236         0   0.33445E-02  503733.1 3634486.9   108.2     3.40     4.00
3.16     YES
 L0000237         0   0.33445E-02  503738.5 3634490.2   108.2     3.40     4.00
3.16     YES
 L0000238         0   0.33445E-02  503747.1 3634490.2   108.3     3.40     4.00
3.16     YES
 L0000239         0   0.33445E-02  503755.7 3634490.2   108.4     3.40     4.00
3.16     YES
 L0000240         0   0.33445E-02  503764.3 3634490.2   108.4     3.40     4.00
3.16     YES
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY |
|---|---|---|---|---|---|---|---|---|---|---|

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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|---|---|---|---|---|---|---|---|---|
| L0000241 | 0 | 0.33445E-02 | 503772.9 | 3634490.2 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000242 | 0 | 0.33445E-02 | 503781.5 | 3634490.2 | 108.3 | 3.40 | 4.00 | 3.16 YES |
| L0000243 | 0 | 0.33445E-02 | 503790.1 | 3634490.2 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000244 | 0 | 0.33445E-02 | 503798.7 | 3634490.2 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000245 | 0 | 0.33445E-02 | 503807.3 | 3634490.2 | 108.4 | 3.40 | 4.00 | 3.16 YES |
| L0000246 | 0 | 0.33445E-02 | 503814.8 | 3634494.3 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000247 | 0 | 0.33445E-02 | 503822.3 | 3634498.6 | 108.5 | 3.40 | 4.00 | 3.16 YES |
| L0000248 | 0 | 0.33445E-02 | 503829.8 | 3634502.9 | 108.6 | 3.40 | 4.00 | 3.16 YES |
| L0000249 | 0 | 0.33445E-02 | 503837.2 | 3634507.1 | 108.7 | 3.40 | 4.00 | 3.16 YES |
| L0000250 | 0 | 0.33445E-02 | 503845.0 | 3634510.5 | 108.9 | 3.40 | 4.00 | 3.16 YES |
| L0000251 | 0 | 0.33445E-02 | 503853.5 | 3634511.0 | 109.1 | 3.40 | 4.00 | 3.16 YES |
| L0000252 | 0 | 0.33445E-02 | 503856.4 | 3634505.7 | 109.2 | 3.40 | 4.00 | 3.16 YES |
| L0000253 | 0 | 0.33445E-02 | 503855.8 | 3634497.2 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000254 | 0 | 0.33445E-02 | 503855.3 | 3634488.6 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000255 | 0 | 0.33445E-02 | 503854.7 | 3634480.0 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000256 | 0 | 0.33445E-02 | 503854.2 | 3634471.4 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000257 | 0 | 0.33445E-02 | 503853.6 | 3634462.8 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000258 | 0 | 0.33445E-02 | 503853.1 | 3634454.2 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000259 | 0 | 0.33445E-02 | 503852.5 | 3634445.7 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000260 | 0 | 0.33445E-02 | 503852.0 | 3634437.1 | 109.5 | 3.40 | 4.00 | 3.16 YES |
| L0000261 | 0 | 0.33445E-02 | 503848.4 | 3634431.7 | 109.4 | 3.40 | 4.00 | 3.16 YES |
| L0000262 | 0 | 0.33445E-02 | 503839.8 | 3634431.7 | 109.3 | 3.40 | 4.00 | 3.16 YES |
| L0000263 | 0 | 0.33445E-02 | 503831.2 | 3634431.7 | 109.2 | 3.40 | 4.00 | 3.16 YES |
| L0000264 | 0 | 0.33445E-02 | 503822.6 | 3634431.7 | 109.2 | 3.40 | 4.00 | 3.16 YES |

```
 L0000265         0   0.33445E-02  503814.0 3634431.7   109.1     3.40     4.00
3.16     YES
 L0000266         0   0.33445E-02  503805.4 3634431.7   109.0     3.40     4.00
3.16     YES
 L0000267         0   0.33445E-02  503796.8 3634431.7   109.0     3.40     4.00
3.16     YES
 L0000268         0   0.33445E-02  503788.2 3634431.7   109.0     3.40     4.00
3.16     YES
 L0000269         0   0.33445E-02  503779.6 3634431.7   109.0     3.40     4.00
3.16     YES
 L0000270         0   0.33445E-02  503771.0 3634431.7   108.9     3.40     4.00
3.16     YES
 L0000271         0   0.33445E-02  503762.4 3634431.7   108.9     3.40     4.00
3.16     YES
 L0000272         0   0.33445E-02  503753.8 3634431.7   108.9     3.40     4.00
3.16     YES
 L0000273         0   0.33445E-02  503749.2 3634435.6   108.8     3.40     4.00
3.16     YES
 L0000274         0   0.33445E-02  503749.3 3634444.2   108.7     3.40     4.00
3.16     YES
 L0000275         0   0.33445E-02  503749.5 3634452.8   108.6     3.40     4.00
3.16     YES
 L0000276         0   0.33445E-02  503749.7 3634461.4   108.6     3.40     4.00
3.16     YES
 L0000277         0   0.33445E-02  503749.8 3634470.0   108.5     3.40     4.00
3.16     YES
 L0000278         0   0.33445E-02  503757.0 3634471.7   108.5     3.40     4.00
3.16     YES
 L0000279         0   0.33445E-02  503765.6 3634472.0   108.5     3.40     4.00
3.16     YES
 L0000280         0   0.33445E-02  503774.2 3634472.3   108.5     3.40     4.00
3.16     YES
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY |
|---|---|---|---|---|---|---|---|---|---|---|

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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- - - - - - - - - - - - - - - - - - -

 L0000281         0   0.33445E-02  503782.8 3634472.6   108.6     3.40     4.00
3.16     YES
 L0000282         0   0.33445E-02  503791.4 3634473.0   108.6     3.40     4.00
3.16     YES
 L0000283         0   0.33445E-02  503800.0 3634473.3   108.6     3.40     4.00
3.16     YES
 L0000284         0   0.33445E-02  503808.6 3634473.6   108.7     3.40     4.00
3.16     YES
 L0000285         0   0.33445E-02  503816.5 3634476.8   108.7     3.40     4.00
3.16     YES
 L0000286         0   0.33445E-02  503824.5 3634480.2   108.8     3.40     4.00
3.16     YES
 L0000287         0   0.33445E-02  503832.4 3634483.5   108.8     3.40     4.00
3.16     YES
 L0000288         0   0.33445E-02  503837.8 3634483.3   109.0     3.40     4.00
3.16     YES
 L0000289         0   0.33445E-02  503837.5 3634474.7   109.0     3.40     4.00
3.16     YES
 L0000290         0   0.33445E-02  503837.1 3634466.1   109.1     3.40     4.00
3.16     YES
 L0000291         0   0.33445E-02  503836.7 3634457.6   109.1     3.40     4.00
3.16     YES
 L0000292         0   0.33445E-02  503834.2 3634451.2   109.2     3.40     4.00
3.16     YES
 L0000293         0   0.33445E-02  503825.6 3634451.1   109.1     3.40     4.00
3.16     YES
 L0000294         0   0.33445E-02  503817.0 3634451.0   109.0     3.40     4.00
3.16     YES
 L0000295         0   0.33445E-02  503808.4 3634450.9   108.9     3.40     4.00
3.16     YES
 L0000296         0   0.33445E-02  503799.8 3634450.8   108.9     3.40     4.00
3.16     YES
 L0000297         0   0.33445E-02  503791.2 3634450.7   108.8     3.40     4.00
3.16     YES
 L0000298         0   0.33445E-02  503782.6 3634450.7   108.8     3.40     4.00
3.16     YES
 L0000299         0   0.33445E-02  503774.0 3634450.6   108.8     3.40     4.00
3.16     YES
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
```

| SRCGROUP ID | SOURCE IDs |
| --- | --- |
| ALL | L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , |
| | L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , |
| | L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , |
| | L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , |
| | L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , |
| | L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , |
| | L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , |
| | L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , |
| | L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 , |
| | L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 , |
| | L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 , |
| | L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , |
| | L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , |
| | L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , |
| | L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , |

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , | |
| L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , | |
| L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 , | |
| L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 , | |
| L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 , | |
| L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 , | |
| L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 , | |

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

| URBAN ID | URBAN POP | SOURCE IDs |
|---|---|---|
| | 3276208. | L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , |

```
            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
L0000062    , L0000063    , L0000064    ,

            L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
L0000070    , L0000071    , L0000072    ,

            L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

            L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

            L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

            L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

            L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

            L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

            L0000121    , L0000122    , L0000123    , L0000124    , L0000125    ,
L0000126    , L0000127    , L0000128    ,

            L0000129    , L0000130    , L0000131    , L0000132    , L0000133    ,
L0000134    , L0000135    , L0000136    ,

            L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
```

L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    ,
L0000158    , L0000159    , L0000160    ,

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------


             L0000161    , L0000162    , L0000163    , L0000164    , L0000165    ,
L0000166    , L0000167    , L0000168    ,

             L0000169    , L0000170    , L0000171    , L0000172    , L0000173    ,
L0000174    , L0000175    , L0000176    ,

             L0000177    , L0000178    , L0000179    , L0000180    , L0000181    ,
L0000182    , L0000183    , L0000184    ,

             L0000185    , L0000186    , L0000187    , L0000188    , L0000189    ,
L0000190    , L0000191    , L0000192    ,

             L0000193    , L0000194    , L0000195    , L0000196    , L0000197    ,
L0000198    , L0000199    , L0000200    ,

             L0000201    , L0000202    , L0000203    , L0000204    , L0000205    ,
L0000206    , L0000207    , L0000208    ,

             L0000209    , L0000210    , L0000211    , L0000212    , L0000213    ,
L0000214    , L0000215    , L0000216    ,

             L0000217    , L0000218    , L0000219    , L0000220    , L0000221    ,
L0000222    , L0000223    , L0000224    ,

             L0000225    , L0000226    , L0000227    , L0000228    , L0000229    ,
L0000230    , L0000231    , L0000232    ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 502722.0, 3633475.9, 108.6, 318.9, 0.0); ( 502772.0, 3633475.9, 109.0, 329.3, 0.0);
( 502822.0, 3633475.9, 109.1, 329.9, 0.0); ( 502872.0, 3633475.9, 109.6, 335.8, 0.0);
( 502922.0, 3633475.9, 111.1, 336.9, 0.0); ( 502972.0, 3633475.9, 111.1, 337.5, 0.0);
( 503022.0, 3633475.9, 110.8, 338.6, 0.0); ( 503072.0, 3633475.9, 111.3, 338.6, 0.0);
( 503122.0, 3633475.9, 110.6, 338.7, 0.0); ( 503172.0, 3633475.9, 109.5, 363.3, 0.0);
( 503222.0, 3633475.9, 112.2, 363.3, 0.0); ( 503272.0, 3633475.9, 113.0, 363.3, 0.0);
( 503322.0, 3633475.9, 117.1, 363.3, 0.0); ( 503372.0,

3633475.9,     132.0,     360.8,       0.0);
     ( 503422.0, 3633475.9,     132.9,     362.2,       0.0);         ( 503472.0,
3633475.9,     133.1,     363.3,       0.0);
     ( 503522.0, 3633475.9,     131.9,     363.3,       0.0);         ( 503622.0,
3633475.9,     134.8,     363.3,       0.0);
     ( 503672.0, 3633475.9,     144.7,     363.3,       0.0);         ( 503722.0,
3633475.9,     154.1,     363.3,       0.0);
     ( 503772.0, 3633475.9,     155.0,     363.3,       0.0);         ( 503822.0,
3633475.9,     162.1,     363.3,       0.0);
     ( 503872.0, 3633475.9,     164.0,     363.3,       0.0);         ( 503922.0,
3633475.9,     157.3,     363.3,       0.0);
     ( 503972.0, 3633475.9,     157.9,     363.3,       0.0);         ( 504022.0,
3633475.9,     164.6,     363.3,       0.0);
     ( 504072.0, 3633475.9,     163.7,     363.3,       0.0);         ( 504122.0,
3633475.9,     159.1,     363.3,       0.0);
     ( 504172.0, 3633475.9,     164.3,     363.3,       0.0);         ( 504222.0,
3633475.9,     161.3,     363.3,       0.0);
     ( 504272.0, 3633475.9,     156.8,     363.3,       0.0);         ( 504322.0,
3633475.9,     156.6,     363.3,       0.0);
     ( 504372.0, 3633475.9,     169.9,     363.3,       0.0);         ( 504422.0,
3633475.9,     184.6,     363.3,       0.0);
     ( 504472.0, 3633475.9,     198.5,     363.3,       0.0);         ( 504522.0,
3633475.9,     206.1,     363.3,       0.0);
     ( 504572.0, 3633475.9,     198.9,     363.3,       0.0);         ( 504622.0,
3633475.9,     189.2,     363.3,       0.0);
     ( 504672.0, 3633475.9,     185.1,     363.3,       0.0);         ( 504722.0,
3633475.9,     177.9,     363.3,       0.0);
     ( 502722.0, 3633525.9,     107.7,     318.9,       0.0);         ( 502772.0,
3633525.9,     107.8,     329.3,       0.0);
     ( 502822.0, 3633525.9,     108.1,     329.9,       0.0);         ( 502872.0,
3633525.9,     109.0,     335.8,       0.0);
     ( 502922.0, 3633525.9,     109.8,     336.5,       0.0);         ( 502972.0,
3633525.9,     109.8,     337.5,       0.0);
     ( 503022.0, 3633525.9,     109.9,     338.6,       0.0);         ( 503072.0,
3633525.9,     109.8,     338.6,       0.0);
     ( 503122.0, 3633525.9,     108.8,     338.7,       0.0);         ( 503172.0,
3633525.9,     109.0,     362.2,       0.0);
     ( 503222.0, 3633525.9,     109.8,     363.3,       0.0);         ( 503272.0,
3633525.9,     112.9,     363.3,       0.0);
     ( 503322.0, 3633525.9,     113.5,     363.3,       0.0);         ( 503372.0,
3633525.9,     120.7,     363.3,       0.0);
     ( 503422.0, 3633525.9,     123.4,     363.3,       0.0);         ( 503472.0,
3633525.9,     124.7,     363.3,       0.0);
     ( 503522.0, 3633525.9,     127.5,     363.3,       0.0);         ( 503622.0,
3633525.9,     126.8,     363.3,       0.0);
     ( 503672.0, 3633525.9,     132.2,     363.3,       0.0);         ( 503722.0,
3633525.9,     134.0,     363.3,       0.0);
     ( 503772.0, 3633525.9,     142.6,     363.3,       0.0);         ( 503822.0,
3633525.9,     152.7,     363.3,       0.0);
     ( 503872.0, 3633525.9,     151.0,     363.3,       0.0);         ( 503922.0,

3633525.9,     145.9,     363.3,       0.0);
     ( 503972.0, 3633525.9,     149.8,     363.3,       0.0);         ( 504022.0,
3633525.9,     156.8,     363.3,       0.0);
     ( 504072.0, 3633525.9,     155.3,     363.3,       0.0);         ( 504122.0,
3633525.9,     150.5,     363.3,       0.0);
     ( 504172.0, 3633525.9,     150.2,     363.3,       0.0);         ( 504222.0,
3633525.9,     149.0,     363.3,       0.0);
     ( 504272.0, 3633525.9,     151.6,     363.3,       0.0);         ( 504322.0,
3633525.9,     168.8,     363.3,       0.0);
     ( 504372.0, 3633525.9,     179.5,     363.3,       0.0);         ( 504422.0,
3633525.9,     191.9,     363.3,       0.0);
     ( 504472.0, 3633525.9,     201.4,     363.3,       0.0);         ( 504522.0,
3633525.9,     194.5,     363.3,       0.0);
     ( 504572.0, 3633525.9,     183.6,     363.3,       0.0);         ( 504622.0,
3633525.9,     176.7,     363.3,       0.0);
     ( 504672.0, 3633525.9,     175.9,     363.3,       0.0);         ( 504722.0,
3633525.9,     176.7,     363.3,       0.0);
     ( 502722.0, 3633575.9,     106.8,     318.9,       0.0);         ( 502772.0,
3633575.9,     106.9,     328.1,       0.0);
     ( 502822.0, 3633575.9,     107.5,     329.9,       0.0);         ( 502872.0,
3633575.9,     108.4,     335.8,       0.0);
     ( 502922.0, 3633575.9,     108.5,     336.5,       0.0);         ( 502972.0,
3633575.9,     108.8,     337.5,       0.0);
     ( 503022.0, 3633575.9,     109.7,     338.4,       0.0);         ( 503072.0,
3633575.9,     109.5,     338.6,       0.0);
     ( 503122.0, 3633575.9,     108.6,     338.7,       0.0);         ( 503172.0,
3633575.9,     108.7,     360.8,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 503222.0, 3633575.9,     109.6,     362.2,       0.0);         ( 503272.0,
3633575.9,     110.7,     363.3,       0.0);
     ( 503322.0, 3633575.9,     113.1,     363.3,       0.0);         ( 503372.0,
3633575.9,     115.7,     363.3,       0.0);
     ( 503422.0, 3633575.9,     117.1,     363.3,       0.0);         ( 503472.0,
3633575.9,     119.0,     363.3,       0.0);
     ( 503522.0, 3633575.9,     118.4,     363.3,       0.0);         ( 503622.0,
3633575.9,     126.3,     363.3,       0.0);
     ( 503672.0, 3633575.9,     127.0,     363.3,       0.0);         ( 503722.0,
3633575.9,     127.3,     363.3,       0.0);
     ( 503772.0, 3633575.9,     133.9,     363.3,       0.0);         ( 503822.0,

3633575.9,     139.7,     363.3,       0.0);
     ( 503872.0, 3633575.9,     137.1,     363.3,       0.0);         ( 503922.0,
3633575.9,     137.6,     363.3,       0.0);
     ( 503972.0, 3633575.9,     142.4,     363.3,       0.0);         ( 504022.0,
3633575.9,     144.0,     363.3,       0.0);
     ( 504072.0, 3633575.9,     146.5,     363.3,       0.0);         ( 504122.0,
3633575.9,     143.9,     363.3,       0.0);
     ( 504172.0, 3633575.9,     143.1,     363.3,       0.0);         ( 504222.0,
3633575.9,     141.5,     363.3,       0.0);
     ( 504272.0, 3633575.9,     152.8,     363.3,       0.0);         ( 504322.0,
3633575.9,     170.7,     363.3,       0.0);
     ( 504372.0, 3633575.9,     181.0,     363.3,       0.0);         ( 504422.0,
3633575.9,     195.9,     363.3,       0.0);
     ( 504472.0, 3633575.9,     197.0,     363.3,       0.0);         ( 504522.0,
3633575.9,     182.5,     363.3,       0.0);
     ( 504572.0, 3633575.9,     171.1,     363.3,       0.0);         ( 504622.0,
3633575.9,     173.3,     363.3,       0.0);
     ( 504672.0, 3633575.9,     175.4,     363.3,       0.0);         ( 504722.0,
3633575.9,     176.5,     363.3,       0.0);
     ( 502722.0, 3633625.9,     106.7,     318.9,       0.0);         ( 502772.0,
3633625.9,     106.8,     318.9,       0.0);
     ( 502822.0, 3633625.9,     106.8,     329.9,       0.0);         ( 502872.0,
3633625.9,     107.1,     335.8,       0.0);
     ( 502922.0, 3633625.9,     107.4,     336.5,       0.0);         ( 502972.0,
3633625.9,     108.2,     337.2,       0.0);
     ( 503022.0, 3633625.9,     109.0,     337.8,       0.0);         ( 503072.0,
3633625.9,     108.6,     338.6,       0.0);
     ( 503122.0, 3633625.9,     108.2,     338.7,       0.0);         ( 503172.0,
3633625.9,     108.6,     338.7,       0.0);
     ( 503222.0, 3633625.9,     109.0,     362.2,       0.0);         ( 503272.0,
3633625.9,     110.5,     363.3,       0.0);
     ( 503322.0, 3633625.9,     112.3,     363.3,       0.0);         ( 503372.0,
3633625.9,     113.7,     363.3,       0.0);
     ( 503422.0, 3633625.9,     115.6,     363.3,       0.0);         ( 503472.0,
3633625.9,     117.1,     363.3,       0.0);
     ( 503522.0, 3633625.9,     117.5,     363.3,       0.0);         ( 503622.0,
3633625.9,     123.0,     363.3,       0.0);
     ( 503672.0, 3633625.9,     126.5,     363.3,       0.0);         ( 503722.0,
3633625.9,     125.5,     363.3,       0.0);
     ( 503772.0, 3633625.9,     132.4,     363.3,       0.0);         ( 503822.0,
3633625.9,     134.3,     363.3,       0.0);
     ( 503872.0, 3633625.9,     133.4,     363.3,       0.0);         ( 503922.0,
3633625.9,     135.7,     363.3,       0.0);
     ( 503972.0, 3633625.9,     136.9,     363.3,       0.0);         ( 504022.0,
3633625.9,     139.9,     363.3,       0.0);
     ( 504072.0, 3633625.9,     142.2,     363.3,       0.0);         ( 504122.0,
3633625.9,     138.8,     363.3,       0.0);
     ( 504172.0, 3633625.9,     138.0,     363.3,       0.0);         ( 504222.0,
3633625.9,     139.4,     363.3,       0.0);
     ( 504272.0, 3633625.9,     147.8,     363.3,       0.0);         ( 504322.0,

3633625.9,     158.6,     363.3,       0.0);
     ( 504372.0, 3633625.9,     173.5,     363.3,       0.0);         ( 504422.0,
3633625.9,     185.2,     363.3,       0.0);
     ( 504472.0, 3633625.9,     187.2,     363.3,       0.0);         ( 504522.0,
3633625.9,     169.9,     363.3,       0.0);
     ( 504572.0, 3633625.9,     167.1,     363.3,       0.0);         ( 504622.0,
3633625.9,     169.8,     363.3,       0.0);
     ( 504672.0, 3633625.9,     167.4,     363.3,       0.0);         ( 504722.0,
3633625.9,     171.9,     363.3,       0.0);
     ( 502722.0, 3633675.9,     106.6,     318.9,       0.0);         ( 502772.0,
3633675.9,     106.5,     318.9,       0.0);
     ( 502822.0, 3633675.9,     106.5,     329.3,       0.0);         ( 502872.0,
3633675.9,     106.6,     333.6,       0.0);
     ( 502922.0, 3633675.9,     107.4,     336.5,       0.0);         ( 502972.0,
3633675.9,     107.9,     337.2,       0.0);
     ( 503022.0, 3633675.9,     108.4,     337.5,       0.0);         ( 503072.0,
3633675.9,     108.1,     338.6,       0.0);
     ( 503122.0, 3633675.9,     108.1,     338.7,       0.0);         ( 503172.0,
3633675.9,     108.3,     338.7,       0.0);
     ( 503222.0, 3633675.9,     108.8,     360.8,       0.0);         ( 503272.0,
3633675.9,     109.7,     362.2,       0.0);
     ( 503322.0, 3633675.9,     111.0,     363.3,       0.0);         ( 503372.0,
3633675.9,     111.3,     363.3,       0.0);
     ( 503422.0, 3633675.9,     112.1,     363.3,       0.0);         ( 503472.0,
3633675.9,     113.8,     363.3,       0.0);
     ( 503522.0, 3633675.9,     114.4,     363.3,       0.0);         ( 503572.0,
3633675.9,     121.2,     363.3,       0.0);
     ( 503672.0, 3633675.9,     125.0,     363.3,       0.0);         ( 503722.0,
3633675.9,     125.2,     363.3,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 503772.0, 3633675.9,     126.7,     363.3,       0.0);         ( 503822.0,
3633675.9,     129.2,     363.3,       0.0);
     ( 503872.0, 3633675.9,     131.5,     363.3,       0.0);         ( 503922.0,
3633675.9,     132.4,     363.3,       0.0);
     ( 503972.0, 3633675.9,     134.4,     363.3,       0.0);         ( 504022.0,
3633675.9,     136.5,     363.3,       0.0);
     ( 504072.0, 3633675.9,     136.7,     363.3,       0.0);         ( 504122.0,
3633675.9,     135.2,     363.3,       0.0);
     ( 504172.0, 3633675.9,     134.2,     363.3,       0.0);         ( 504222.0,

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3633675.9,     135.2,     363.3,       0.0);
     ( 504272.0, 3633675.9,     141.0,     363.3,       0.0);         ( 504322.0,
3633675.9,     151.9,     363.3,       0.0);
     ( 504372.0, 3633675.9,     165.9,     363.3,       0.0);         ( 504422.0,
3633675.9,     173.8,     363.3,       0.0);
     ( 504472.0, 3633675.9,     167.4,     363.3,       0.0);         ( 504522.0,
3633675.9,     161.5,     363.3,       0.0);
     ( 504572.0, 3633675.9,     163.4,     363.3,       0.0);         ( 504622.0,
3633675.9,     164.4,     363.3,       0.0);
     ( 504672.0, 3633675.9,     165.5,     363.3,       0.0);         ( 504722.0,
3633675.9,     166.1,     363.3,       0.0);
     ( 502722.0, 3633725.9,     106.6,     318.9,       0.0);         ( 502772.0,
3633725.9,     106.7,     318.9,       0.0);
     ( 502822.0, 3633725.9,     106.4,     328.1,       0.0);         ( 502872.0,
3633725.9,     106.8,     329.9,       0.0);
     ( 502922.0, 3633725.9,     108.0,     335.8,       0.0);         ( 502972.0,
3633725.9,     108.1,     336.5,       0.0);
     ( 503022.0, 3633725.9,     107.3,     337.5,       0.0);         ( 503072.0,
3633725.9,     107.9,     338.4,       0.0);
     ( 503122.0, 3633725.9,     108.0,     338.6,       0.0);         ( 503172.0,
3633725.9,     108.1,     338.7,       0.0);
     ( 503222.0, 3633725.9,     108.6,     338.7,       0.0);         ( 503272.0,
3633725.9,     108.8,     360.8,       0.0);
     ( 503322.0, 3633725.9,     109.2,     363.3,       0.0);         ( 503372.0,
3633725.9,     109.3,     363.3,       0.0);
     ( 503422.0, 3633725.9,     109.5,     363.3,       0.0);         ( 503472.0,
3633725.9,     112.5,     363.3,       0.0);
     ( 503522.0, 3633725.9,     113.3,     363.3,       0.0);         ( 503572.0,
3633725.9,     114.8,     363.3,       0.0);
     ( 503722.0, 3633725.9,     121.3,     363.3,       0.0);         ( 503772.0,
3633725.9,     124.6,     363.3,       0.0);
     ( 503822.0, 3633725.9,     126.0,     363.3,       0.0);         ( 503872.0,
3633725.9,     128.6,     363.3,       0.0);
     ( 503922.0, 3633725.9,     130.0,     363.3,       0.0);         ( 503972.0,
3633725.9,     132.9,     363.3,       0.0);
     ( 504022.0, 3633725.9,     134.2,     363.3,       0.0);         ( 504072.0,
3633725.9,     134.0,     363.3,       0.0);
     ( 504122.0, 3633725.9,     131.2,     363.3,       0.0);         ( 504172.0,
3633725.9,     131.7,     363.3,       0.0);
     ( 504222.0, 3633725.9,     133.4,     363.3,       0.0);         ( 504272.0,
3633725.9,     134.1,     363.3,       0.0);
     ( 504322.0, 3633725.9,     144.8,     363.3,       0.0);         ( 504372.0,
3633725.9,     155.4,     363.3,       0.0);
     ( 504422.0, 3633725.9,     159.7,     363.3,       0.0);         ( 504472.0,
3633725.9,     156.9,     363.3,       0.0);
     ( 504522.0, 3633725.9,     157.0,     363.3,       0.0);         ( 504572.0,
3633725.9,     159.3,     363.3,       0.0);
     ( 504622.0, 3633725.9,     155.1,     363.3,       0.0);         ( 504672.0,
3633725.9,     157.2,     363.3,       0.0);
     ( 504722.0, 3633725.9,     161.0,     363.3,       0.0);         ( 502722.0,
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3633775.9,     106.4,     318.9,       0.0);
     ( 502772.0, 3633775.9,     106.6,     318.9,       0.0);         ( 502822.0,
3633775.9,     106.6,     318.9,       0.0);
     ( 502872.0, 3633775.9,     106.7,     329.3,       0.0);         ( 502922.0,
3633775.9,     107.6,     333.6,       0.0);
     ( 502972.0, 3633775.9,     108.3,     336.5,       0.0);         ( 503022.0,
3633775.9,     108.1,     337.2,       0.0);
     ( 503072.0, 3633775.9,     107.9,     337.8,       0.0);         ( 503122.0,
3633775.9,     107.9,     338.6,       0.0);
     ( 503172.0, 3633775.9,     108.0,     338.7,       0.0);         ( 503222.0,
3633775.9,     108.2,     338.7,       0.0);
     ( 503272.0, 3633775.9,     108.6,     338.7,       0.0);         ( 503322.0,
3633775.9,     108.7,     362.2,       0.0);
     ( 503372.0, 3633775.9,     108.8,     363.3,       0.0);         ( 503422.0,
3633775.9,     109.0,     363.3,       0.0);
     ( 503472.0, 3633775.9,     109.7,     363.3,       0.0);         ( 503772.0,
3633775.9,     122.7,     363.3,       0.0);
     ( 503822.0, 3633775.9,     124.2,     363.3,       0.0);         ( 503872.0,
3633775.9,     125.5,     363.3,       0.0);
     ( 503922.0, 3633775.9,     128.8,     363.3,       0.0);         ( 503972.0,
3633775.9,     131.5,     363.3,       0.0);
     ( 504022.0, 3633775.9,     132.0,     363.3,       0.0);         ( 504072.0,
3633775.9,     127.2,     363.3,       0.0);
     ( 504122.0, 3633775.9,     127.6,     363.3,       0.0);         ( 504172.0,
3633775.9,     127.9,     363.3,       0.0);
     ( 504222.0, 3633775.9,     129.8,     363.3,       0.0);         ( 504272.0,
3633775.9,     132.6,     363.3,       0.0);
     ( 504322.0, 3633775.9,     140.1,     363.3,       0.0);         ( 504372.0,
3633775.9,     145.6,     363.3,       0.0);
     ( 504422.0, 3633775.9,     148.0,     363.3,       0.0);         ( 504472.0,
3633775.9,     152.4,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504522.0, 3633775.9,     148.2,     363.3,       0.0);         ( 504572.0,
3633775.9,     144.3,     363.3,       0.0);
     ( 504622.0, 3633775.9,     146.5,     363.3,       0.0);         ( 504672.0,
3633775.9,     149.9,     363.3,       0.0);
     ( 504722.0, 3633775.9,     153.2,     363.3,       0.0);         ( 502722.0,
3633825.9,     106.6,     318.9,       0.0);
     ( 502772.0, 3633825.9,     106.6,     318.9,       0.0);         ( 502822.0,

3633825.9,     106.9,     318.9,       0.0);
     ( 502872.0, 3633825.9,     107.0,     329.3,       0.0);         ( 502922.0,
3633825.9,     108.0,     329.9,       0.0);
     ( 502972.0, 3633825.9,     108.3,     335.8,       0.0);         ( 503022.0,
3633825.9,     108.2,     336.5,       0.0);
     ( 503072.0, 3633825.9,     108.1,     337.2,       0.0);         ( 503122.0,
3633825.9,     108.1,     338.4,       0.0);
     ( 503172.0, 3633825.9,     108.4,     338.6,       0.0);         ( 503222.0,
3633825.9,     108.6,     338.7,       0.0);
     ( 503272.0, 3633825.9,     108.9,     338.7,       0.0);         ( 503772.0,
3633825.9,     119.1,     363.3,       0.0);
     ( 503822.0, 3633825.9,     120.0,     363.3,       0.0);         ( 503872.0,
3633825.9,     123.3,     363.3,       0.0);
     ( 503922.0, 3633825.9,     127.5,     363.3,       0.0);         ( 503972.0,
3633825.9,     129.0,     363.3,       0.0);
     ( 504022.0, 3633825.9,     124.5,     363.3,       0.0);         ( 504072.0,
3633825.9,     125.2,     363.3,       0.0);
     ( 504122.0, 3633825.9,     125.1,     363.3,       0.0);         ( 504172.0,
3633825.9,     124.4,     363.3,       0.0);
     ( 504222.0, 3633825.9,     126.5,     363.3,       0.0);         ( 504272.0,
3633825.9,     128.4,     363.3,       0.0);
     ( 504322.0, 3633825.9,     130.9,     363.3,       0.0);         ( 504372.0,
3633825.9,     134.4,     363.3,       0.0);
     ( 504422.0, 3633825.9,     138.7,     363.3,       0.0);         ( 504472.0,
3633825.9,     140.9,     363.3,       0.0);
     ( 504522.0, 3633825.9,     140.7,     363.3,       0.0);         ( 504572.0,
3633825.9,     139.1,     363.3,       0.0);
     ( 504622.0, 3633825.9,     142.3,     363.3,       0.0);         ( 504672.0,
3633825.9,     145.4,     363.3,       0.0);
     ( 504722.0, 3633825.9,     146.2,     363.3,       0.0);         ( 502722.0,
3633875.9,     106.4,     318.9,       0.0);
     ( 502772.0, 3633875.9,     106.7,     318.9,       0.0);         ( 502822.0,
3633875.9,     106.8,     318.9,       0.0);
     ( 502872.0, 3633875.9,     106.9,     318.9,       0.0);         ( 502922.0,
3633875.9,     108.5,     329.3,       0.0);
     ( 502972.0, 3633875.9,     108.5,     333.6,       0.0);         ( 503022.0,
3633875.9,     108.6,     336.5,       0.0);
     ( 503072.0, 3633875.9,     108.9,     336.9,       0.0);         ( 503122.0,
3633875.9,     108.5,     337.8,       0.0);
     ( 503172.0, 3633875.9,     108.6,     338.6,       0.0);         ( 503222.0,
3633875.9,     108.8,     338.6,       0.0);
     ( 503272.0, 3633875.9,     109.0,     338.7,       0.0);         ( 503822.0,
3633875.9,     118.9,     363.3,       0.0);
     ( 503872.0, 3633875.9,     122.6,     363.3,       0.0);         ( 503922.0,
3633875.9,     124.5,     363.3,       0.0);
     ( 503972.0, 3633875.9,     120.8,     363.3,       0.0);         ( 504022.0,
3633875.9,     121.3,     363.3,       0.0);
     ( 504072.0, 3633875.9,     123.4,     363.3,       0.0);         ( 504122.0,
3633875.9,     122.0,     363.3,       0.0);
     ( 504172.0, 3633875.9,     123.4,     363.3,       0.0);         ( 504222.0,

3633875.9,     124.8,     363.3,       0.0);
     ( 504272.0, 3633875.9,     126.8,     363.3,       0.0);         ( 504322.0,
3633875.9,     130.2,     363.3,       0.0);
     ( 504372.0, 3633875.9,     132.4,     363.3,       0.0);         ( 504422.0,
3633875.9,     135.5,     363.3,       0.0);
     ( 504472.0, 3633875.9,     136.3,     363.3,       0.0);         ( 504522.0,
3633875.9,     134.8,     363.3,       0.0);
     ( 504572.0, 3633875.9,     135.3,     363.3,       0.0);         ( 504622.0,
3633875.9,     137.4,     363.3,       0.0);
     ( 504672.0, 3633875.9,     144.0,     363.3,       0.0);         ( 504722.0,
3633875.9,     143.7,     363.3,       0.0);
     ( 502722.0, 3633925.9,     106.2,     318.9,       0.0);         ( 502772.0,
3633925.9,     106.3,     318.9,       0.0);
     ( 502822.0, 3633925.9,     106.6,     318.9,       0.0);         ( 502872.0,
3633925.9,     107.2,     318.9,       0.0);
     ( 502922.0, 3633925.9,     108.4,     328.1,       0.0);         ( 502972.0,
3633925.9,     108.1,     329.9,       0.0);
     ( 503022.0, 3633925.9,     108.4,     335.8,       0.0);         ( 503072.0,
3633925.9,     109.0,     336.5,       0.0);
     ( 503122.0, 3633925.9,     109.0,     337.2,       0.0);         ( 503172.0,
3633925.9,     108.9,     337.8,       0.0);
     ( 503222.0, 3633925.9,     108.6,     338.6,       0.0);         ( 503272.0,
3633925.9,     108.8,     338.7,       0.0);
     ( 503822.0, 3633925.9,     117.2,     363.3,       0.0);         ( 503872.0,
3633925.9,     119.1,     363.3,       0.0);
     ( 503922.0, 3633925.9,     119.1,     363.3,       0.0);         ( 503972.0,
3633925.9,     116.7,     363.3,       0.0);
     ( 504022.0, 3633925.9,     118.9,     363.3,       0.0);         ( 504072.0,
3633925.9,     119.1,     363.3,       0.0);
     ( 504122.0, 3633925.9,     120.6,     363.3,       0.0);         ( 504172.0,
3633925.9,     120.9,     363.3,       0.0);
     ( 504222.0, 3633925.9,     121.8,     363.3,       0.0);         ( 504272.0,
3633925.9,     124.2,     363.3,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 504322.0, 3633925.9,     125.7,     363.3,       0.0);         ( 504372.0,
3633925.9,     128.6,     363.3,       0.0);
     ( 504422.0, 3633925.9,     129.5,     363.3,       0.0);         ( 504472.0,
3633925.9,     131.0,     363.3,       0.0);
     ( 504522.0, 3633925.9,     132.9,     363.3,       0.0);         ( 504572.0,

3633925.9,     136.6,     363.3,       0.0);
     ( 504622.0, 3633925.9,     139.4,     363.3,       0.0);         ( 504672.0,
3633925.9,     141.3,     363.3,       0.0);
     ( 504722.0, 3633925.9,     143.0,     363.3,       0.0);         ( 502722.0,
3633975.9,     106.2,     318.9,       0.0);
     ( 502772.0, 3633975.9,     106.0,     318.9,       0.0);         ( 502822.0,
3633975.9,     106.0,     318.9,       0.0);
     ( 502872.0, 3633975.9,     107.1,     318.9,       0.0);         ( 502922.0,
3633975.9,     108.0,     318.9,       0.0);
     ( 502972.0, 3633975.9,     107.8,     329.3,       0.0);         ( 503022.0,
3633975.9,     108.2,     333.6,       0.0);
     ( 503072.0, 3633975.9,     108.5,     336.5,       0.0);         ( 503122.0,
3633975.9,     108.8,     336.9,       0.0);
     ( 503172.0, 3633975.9,     108.9,     337.5,       0.0);         ( 503222.0,
3633975.9,     108.9,     338.4,       0.0);
     ( 503272.0, 3633975.9,     108.9,     338.6,       0.0);         ( 503822.0,
3633975.9,     115.7,     363.3,       0.0);
     ( 503872.0, 3633975.9,     116.4,     363.3,       0.0);         ( 503922.0,
3633975.9,     113.6,     363.3,       0.0);
     ( 503972.0, 3633975.9,     114.7,     363.3,       0.0);         ( 504022.0,
3633975.9,     116.2,     363.3,       0.0);
     ( 504072.0, 3633975.9,     117.5,     363.3,       0.0);         ( 504122.0,
3633975.9,     117.5,     363.3,       0.0);
     ( 504172.0, 3633975.9,     118.6,     363.3,       0.0);         ( 504222.0,
3633975.9,     121.5,     363.3,       0.0);
     ( 504272.0, 3633975.9,     123.3,     363.3,       0.0);         ( 504322.0,
3633975.9,     124.1,     363.3,       0.0);
     ( 504372.0, 3633975.9,     127.0,     363.3,       0.0);         ( 504422.0,
3633975.9,     128.1,     363.3,       0.0);
     ( 504472.0, 3633975.9,     132.1,     363.3,       0.0);         ( 504522.0,
3633975.9,     136.8,     363.3,       0.0);
     ( 504572.0, 3633975.9,     138.7,     363.3,       0.0);         ( 504622.0,
3633975.9,     140.7,     363.3,       0.0);
     ( 504672.0, 3633975.9,     143.5,     363.3,       0.0);         ( 504722.0,
3633975.9,     148.0,     363.3,       0.0);
     ( 502722.0, 3634025.9,     107.1,     318.9,       0.0);         ( 502772.0,
3634025.9,     107.4,     318.9,       0.0);
     ( 502822.0, 3634025.9,     106.9,     318.9,       0.0);         ( 502872.0,
3634025.9,     107.0,     318.9,       0.0);
     ( 502922.0, 3634025.9,     107.0,     318.9,       0.0);         ( 502972.0,
3634025.9,     107.4,     328.1,       0.0);
     ( 503022.0, 3634025.9,     108.4,     329.3,       0.0);         ( 503072.0,
3634025.9,     108.2,     335.8,       0.0);
     ( 503122.0, 3634025.9,     108.4,     336.5,       0.0);         ( 503172.0,
3634025.9,     108.8,     337.2,       0.0);
     ( 503222.0, 3634025.9,     108.8,     337.8,       0.0);         ( 503272.0,
3634025.9,     108.7,     338.6,       0.0);
     ( 503872.0, 3634025.9,     113.5,     363.3,       0.0);         ( 503922.0,
3634025.9,     112.5,     363.3,       0.0);
     ( 503972.0, 3634025.9,     114.4,     363.3,       0.0);         ( 504022.0,

3634025.9,     114.5,     363.3,       0.0);
     ( 504072.0, 3634025.9,     115.4,     363.3,       0.0);         ( 504122.0,
3634025.9,     116.1,     363.3,       0.0);
     ( 504172.0, 3634025.9,     119.0,     363.3,       0.0);         ( 504222.0,
3634025.9,     120.6,     363.3,       0.0);
     ( 504272.0, 3634025.9,     122.6,     363.3,       0.0);         ( 504322.0,
3634025.9,     123.7,     363.3,       0.0);
     ( 504372.0, 3634025.9,     126.4,     363.3,       0.0);         ( 504422.0,
3634025.9,     131.9,     363.3,       0.0);
     ( 504472.0, 3634025.9,     135.2,     363.3,       0.0);         ( 504522.0,
3634025.9,     137.3,     363.3,       0.0);
     ( 504572.0, 3634025.9,     140.0,     363.3,       0.0);         ( 504622.0,
3634025.9,     145.0,     363.3,       0.0);
     ( 504672.0, 3634025.9,     149.2,     363.3,       0.0);         ( 504722.0,
3634025.9,     153.5,     363.3,       0.0);
     ( 502722.0, 3634075.9,     107.4,     317.2,       0.0);         ( 502772.0,
3634075.9,     106.3,     318.9,       0.0);
     ( 502822.0, 3634075.9,     106.2,     318.9,       0.0);         ( 502872.0,
3634075.9,     106.9,     318.9,       0.0);
     ( 502922.0, 3634075.9,     107.0,     318.9,       0.0);         ( 502972.0,
3634075.9,     107.1,     318.9,       0.0);
     ( 503022.0, 3634075.9,     107.8,     329.3,       0.0);         ( 503072.0,
3634075.9,     108.1,     333.6,       0.0);
     ( 503122.0, 3634075.9,     108.2,     336.0,       0.0);         ( 503172.0,
3634075.9,     108.5,     336.9,       0.0);
     ( 503222.0, 3634075.9,     108.5,     337.2,       0.0);         ( 503272.0,
3634075.9,     108.5,     338.4,       0.0);
     ( 503872.0, 3634075.9,     111.9,     363.3,       0.0);         ( 503922.0,
3634075.9,     111.7,     363.3,       0.0);
     ( 503972.0, 3634075.9,     112.2,     363.3,       0.0);         ( 504022.0,
3634075.9,     114.4,     363.3,       0.0);
     ( 504072.0, 3634075.9,     114.7,     363.3,       0.0);         ( 504122.0,
3634075.9,     115.9,     363.3,       0.0);
     ( 504172.0, 3634075.9,     117.8,     363.3,       0.0);         ( 504222.0,
3634075.9,     119.3,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504272.0, 3634075.9,     120.5,     363.3,       0.0);         ( 504322.0,
3634075.9,     123.5,     363.3,       0.0);
     ( 504372.0, 3634075.9,     128.5,     363.3,       0.0);         ( 504422.0,

3634075.9,     132.1,     363.3,       0.0);
     ( 504472.0, 3634075.9,     136.0,     363.3,       0.0);         ( 504522.0,
3634075.9,     141.0,     363.3,       0.0);
     ( 504572.0, 3634075.9,     146.4,     363.3,       0.0);         ( 504622.0,
3634075.9,     155.5,     363.3,       0.0);
     ( 504672.0, 3634075.9,     158.1,     363.3,       0.0);         ( 504722.0,
3634075.9,     157.7,     363.3,       0.0);
     ( 502722.0, 3634125.9,     107.5,     107.5,       0.0);         ( 502772.0,
3634125.9,     105.9,     318.9,       0.0);
     ( 502822.0, 3634125.9,     106.0,     318.9,       0.0);         ( 502872.0,
3634125.9,     106.7,     318.9,       0.0);
     ( 502922.0, 3634125.9,     106.6,     318.9,       0.0);         ( 502972.0,
3634125.9,     106.7,     318.9,       0.0);
     ( 503022.0, 3634125.9,     107.4,     318.9,       0.0);         ( 503072.0,
3634125.9,     107.6,     329.3,       0.0);
     ( 503122.0, 3634125.9,     107.9,     335.8,       0.0);         ( 503172.0,
3634125.9,     108.3,     336.5,       0.0);
     ( 503222.0, 3634125.9,     107.8,     337.2,       0.0);         ( 503272.0,
3634125.9,     108.2,     337.8,       0.0);
     ( 503922.0, 3634125.9,     110.9,     363.3,       0.0);         ( 503972.0,
3634125.9,     111.5,     363.3,       0.0);
     ( 504022.0, 3634125.9,     112.3,     363.3,       0.0);         ( 504072.0,
3634125.9,     114.3,     363.3,       0.0);
     ( 504122.0, 3634125.9,     114.3,     363.3,       0.0);         ( 504172.0,
3634125.9,     115.9,     363.3,       0.0);
     ( 504222.0, 3634125.9,     117.0,     363.3,       0.0);         ( 504272.0,
3634125.9,     119.2,     363.3,       0.0);
     ( 504322.0, 3634125.9,     122.8,     363.3,       0.0);         ( 504372.0,
3634125.9,     126.9,     363.3,       0.0);
     ( 504422.0, 3634125.9,     131.9,     363.3,       0.0);         ( 504472.0,
3634125.9,     140.2,     363.3,       0.0);
     ( 504522.0, 3634125.9,     145.2,     363.3,       0.0);         ( 504572.0,
3634125.9,     153.0,     363.3,       0.0);
     ( 504622.0, 3634125.9,     160.6,     363.3,       0.0);         ( 504672.0,
3634125.9,     159.9,     363.3,       0.0);
     ( 504722.0, 3634125.9,     161.7,     363.3,       0.0);         ( 502722.0,
3634175.9,     105.6,     105.6,       0.0);
     ( 502772.0, 3634175.9,     105.5,     318.9,       0.0);         ( 502822.0,
3634175.9,     105.9,     318.9,       0.0);
     ( 502872.0, 3634175.9,     106.5,     318.9,       0.0);         ( 502922.0,
3634175.9,     106.3,     318.9,       0.0);
     ( 502972.0, 3634175.9,     106.4,     318.9,       0.0);         ( 503022.0,
3634175.9,     107.1,     318.9,       0.0);
     ( 503072.0, 3634175.9,     107.1,     329.3,       0.0);         ( 503122.0,
3634175.9,     107.2,     333.6,       0.0);
     ( 503172.0, 3634175.9,     107.1,     336.0,       0.0);         ( 503222.0,
3634175.9,     106.6,     336.9,       0.0);
     ( 503272.0, 3634175.9,     106.8,     337.2,       0.0);         ( 503972.0,
3634175.9,     111.6,     363.3,       0.0);
     ( 504022.0, 3634175.9,     111.5,     363.3,       0.0);         ( 504072.0,

3634175.9,     112.4,     363.3,       0.0);
     ( 504122.0, 3634175.9,     114.0,     363.3,       0.0);         ( 504172.0,
3634175.9,     113.6,     363.3,       0.0);
     ( 504222.0, 3634175.9,     115.3,     363.3,       0.0);         ( 504272.0,
3634175.9,     116.8,     363.3,       0.0);
     ( 504322.0, 3634175.9,     119.4,     363.3,       0.0);         ( 504372.0,
3634175.9,     130.4,     363.3,       0.0);
     ( 504422.0, 3634175.9,     142.7,     363.3,       0.0);         ( 504472.0,
3634175.9,     145.6,     363.3,       0.0);
     ( 504522.0, 3634175.9,     149.3,     363.3,       0.0);         ( 504572.0,
3634175.9,     162.1,     360.8,       0.0);
     ( 504622.0, 3634175.9,     171.5,     338.7,       0.0);         ( 504672.0,
3634175.9,     174.2,     338.7,       0.0);
     ( 504722.0, 3634175.9,     182.7,     338.7,       0.0);         ( 502722.0,
3634225.9,     105.2,     105.2,       0.0);
     ( 502772.0, 3634225.9,     105.7,     105.7,       0.0);         ( 502822.0,
3634225.9,     106.4,     318.9,       0.0);
     ( 502872.0, 3634225.9,     106.6,     318.9,       0.0);         ( 502922.0,
3634225.9,     106.2,     318.9,       0.0);
     ( 502972.0, 3634225.9,     106.2,     318.9,       0.0);         ( 503022.0,
3634225.9,     106.8,     318.9,       0.0);
     ( 503072.0, 3634225.9,     106.8,     318.9,       0.0);         ( 503122.0,
3634225.9,     106.8,     329.3,       0.0);
     ( 503172.0, 3634225.9,     106.6,     335.8,       0.0);         ( 503222.0,
3634225.9,     106.5,     336.5,       0.0);
     ( 503272.0, 3634225.9,     106.7,     336.9,       0.0);         ( 504072.0,
3634225.9,     111.7,     363.3,       0.0);
     ( 504122.0, 3634225.9,     112.7,     363.3,       0.0);         ( 504172.0,
3634225.9,     113.6,     363.3,       0.0);
     ( 504222.0, 3634225.9,     113.3,     363.3,       0.0);         ( 504272.0,
3634225.9,     116.3,     363.3,       0.0);
     ( 504322.0, 3634225.9,     118.7,     363.3,       0.0);         ( 504372.0,
3634225.9,     132.3,     363.3,       0.0);
     ( 504422.0, 3634225.9,     145.7,     363.3,       0.0);         ( 504472.0,
3634225.9,     147.8,     363.3,       0.0);
     ( 504522.0, 3634225.9,     151.7,     362.2,       0.0);         ( 504572.0,
3634225.9,     162.3,     338.7,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504622.0, 3634225.9,     175.1,     338.7,       0.0);         ( 504672.0,

3634225.9,     188.1,     337.8,       0.0);
     ( 504722.0, 3634225.9,     202.4,     334.4,       0.0);         ( 502722.0,
3634275.9,     105.4,     105.4,       0.0);
     ( 502772.0, 3634275.9,     105.4,     105.4,       0.0);         ( 502822.0,
3634275.9,     106.1,     317.2,       0.0);
     ( 502872.0, 3634275.9,     107.5,     318.9,       0.0);         ( 502922.0,
3634275.9,     106.5,     318.9,       0.0);
     ( 502972.0, 3634275.9,     106.0,     318.9,       0.0);         ( 503022.0,
3634275.9,     106.7,     318.9,       0.0);
     ( 503072.0, 3634275.9,     106.6,     318.9,       0.0);         ( 503122.0,
3634275.9,     106.5,     318.9,       0.0);
     ( 503172.0, 3634275.9,     106.6,     333.6,       0.0);         ( 503222.0,
3634275.9,     106.5,     335.8,       0.0);
     ( 503272.0, 3634275.9,     106.9,     336.5,       0.0);         ( 504122.0,
3634275.9,     111.8,     363.3,       0.0);
     ( 504172.0, 3634275.9,     112.2,     363.3,       0.0);         ( 504222.0,
3634275.9,     116.4,     363.3,       0.0);
     ( 504272.0, 3634275.9,     116.9,     363.3,       0.0);         ( 504322.0,
3634275.9,     120.1,     363.3,       0.0);
     ( 504372.0, 3634275.9,     128.7,     363.3,       0.0);         ( 504422.0,
3634275.9,     138.7,     363.3,       0.0);
     ( 504472.0, 3634275.9,     146.7,     362.2,       0.0);         ( 504522.0,
3634275.9,     156.2,     338.7,       0.0);
     ( 504572.0, 3634275.9,     169.8,     338.7,       0.0);         ( 504622.0,
3634275.9,     182.5,     337.8,       0.0);
     ( 504672.0, 3634275.9,     198.9,     334.2,       0.0);         ( 504722.0,
3634275.9,     207.6,     207.6,       0.0);
     ( 502722.0, 3634325.9,     102.3,     102.3,       0.0);         ( 502772.0,
3634325.9,     103.0,     105.3,       0.0);
     ( 502822.0, 3634325.9,     103.3,     317.2,       0.0);         ( 502872.0,
3634325.9,     108.4,     108.4,       0.0);
     ( 502972.0, 3634325.9,     106.1,     318.9,       0.0);         ( 503022.0,
3634325.9,     106.6,     318.9,       0.0);
     ( 503072.0, 3634325.9,     106.8,     318.9,       0.0);         ( 503122.0,
3634325.9,     106.6,     318.9,       0.0);
     ( 503172.0, 3634325.9,     106.7,     328.1,       0.0);         ( 503222.0,
3634325.9,     106.7,     333.6,       0.0);
     ( 503272.0, 3634325.9,     107.1,     335.8,       0.0);         ( 504172.0,
3634325.9,     113.4,     363.3,       0.0);
     ( 504222.0, 3634325.9,     117.7,     363.3,       0.0);         ( 504272.0,
3634325.9,     116.9,     363.3,       0.0);
     ( 504322.0, 3634325.9,     118.8,     363.3,       0.0);         ( 504372.0,
3634325.9,     124.3,     363.3,       0.0);
     ( 504422.0, 3634325.9,     135.2,     363.3,       0.0);         ( 504472.0,
3634325.9,     144.0,     360.8,       0.0);
     ( 504522.0, 3634325.9,     156.5,     338.7,       0.0);         ( 504572.0,
3634325.9,     172.9,     338.0,       0.0);
     ( 504622.0, 3634325.9,     190.8,     334.2,       0.0);         ( 504672.0,
3634325.9,     206.6,     206.6,       0.0);
     ( 504722.0, 3634325.9,     207.6,     207.6,       0.0);         ( 502722.0,

3634375.9,     101.1,     101.1,       0.0);
     ( 502772.0, 3634375.9,     102.1,     102.1,       0.0);         ( 502822.0,
3634375.9,     102.2,     102.2,       0.0);
     ( 503022.0, 3634375.9,     105.5,     318.9,       0.0);         ( 503072.0,
3634375.9,     106.7,     318.9,       0.0);
     ( 503122.0, 3634375.9,     106.6,     318.9,       0.0);         ( 503172.0,
3634375.9,     106.4,     318.9,       0.0);
     ( 503222.0, 3634375.9,     106.6,     329.3,       0.0);         ( 503272.0,
3634375.9,     107.0,     334.2,       0.0);
     ( 504222.0, 3634375.9,     115.6,     363.3,       0.0);         ( 504272.0,
3634375.9,     116.2,     363.3,       0.0);
     ( 504322.0, 3634375.9,     116.2,     363.3,       0.0);         ( 504372.0,
3634375.9,     125.6,     363.3,       0.0);
     ( 504422.0, 3634375.9,     141.7,     338.7,       0.0);         ( 504472.0,
3634375.9,     156.1,     338.7,       0.0);
     ( 504522.0, 3634375.9,     168.5,     337.8,       0.0);         ( 504572.0,
3634375.9,     180.5,     336.0,       0.0);
     ( 504622.0, 3634375.9,     190.9,     318.9,       0.0);         ( 504672.0,
3634375.9,     199.3,     207.6,       0.0);
     ( 504722.0, 3634375.9,     203.3,     207.6,       0.0);         ( 502722.0,
3634425.9,     102.2,     107.7,       0.0);
     ( 502772.0, 3634425.9,     102.3,     107.7,       0.0);         ( 502822.0,
3634425.9,     102.4,     102.4,       0.0);
     ( 504272.0, 3634425.9,     113.0,     363.3,       0.0);         ( 504322.0,
3634425.9,     114.5,     363.3,       0.0);
     ( 504372.0, 3634425.9,     122.6,     363.3,       0.0);         ( 504422.0,
3634425.9,     136.7,     338.7,       0.0);
     ( 504472.0, 3634425.9,     152.1,     338.7,       0.0);         ( 504522.0,
3634425.9,     164.8,     337.8,       0.0);
     ( 504572.0, 3634425.9,     168.9,     337.0,       0.0);         ( 504622.0,
3634425.9,     171.6,     337.0,       0.0);
     ( 504672.0, 3634425.9,     178.6,     336.0,       0.0);         ( 504722.0,
3634425.9,     188.7,     207.6,       0.0);
     ( 502722.0, 3634475.9,     104.8,     107.7,       0.0);         ( 502772.0,
3634475.9,     106.0,     106.0,       0.0);
     ( 502822.0, 3634475.9,     106.5,     108.5,       0.0);         ( 504322.0,
3634475.9,     112.1,     363.3,       0.0);
     ( 504372.0, 3634475.9,     115.2,     363.3,       0.0);         ( 504422.0,
3634475.9,     122.3,     363.3,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

```
     ( 504472.0, 3634475.9,     134.7,     338.7,       0.0);         ( 504522.0,
3634475.9,     142.7,     338.7,       0.0);
     ( 504572.0, 3634475.9,     146.1,     338.7,       0.0);         ( 504622.0,
3634475.9,     148.5,     338.7,       0.0);
     ( 504672.0, 3634475.9,     158.6,     338.6,       0.0);         ( 504722.0,
3634475.9,     171.4,     336.4,       0.0);
     ( 502722.0, 3634525.9,     106.5,     106.5,       0.0);         ( 502772.0,
3634525.9,     106.4,     106.4,       0.0);
     ( 504372.0, 3634525.9,     112.5,     363.3,       0.0);         ( 504422.0,
3634525.9,     113.1,     363.3,       0.0);
     ( 504472.0, 3634525.9,     117.8,     363.3,       0.0);         ( 504522.0,
3634525.9,     123.0,     363.3,       0.0);
     ( 504572.0, 3634525.9,     126.9,     362.2,       0.0);         ( 504622.0,
3634525.9,     132.5,     352.4,       0.0);
     ( 504672.0, 3634525.9,     143.4,     338.7,       0.0);         ( 504722.0,
3634525.9,     154.5,     338.7,       0.0);
     ( 502722.0, 3634575.9,     106.6,     106.6,       0.0);         ( 502772.0,
3634575.9,     107.0,     107.0,       0.0);
     ( 504422.0, 3634575.9,     111.1,     363.3,       0.0);         ( 504472.0,
3634575.9,     112.5,     363.3,       0.0);
     ( 504522.0, 3634575.9,     113.4,     363.3,       0.0);         ( 504572.0,
3634575.9,     117.5,     363.3,       0.0);
     ( 504622.0, 3634575.9,     123.7,     362.2,       0.0);         ( 504672.0,
3634575.9,     131.5,     338.7,       0.0);
     ( 504722.0, 3634575.9,     139.1,     338.7,       0.0);         ( 502722.0,
3634625.9,     106.8,     106.8,       0.0);
     ( 502772.0, 3634625.9,     106.9,     106.9,       0.0);         ( 502822.0,
3634625.9,     107.9,     107.9,       0.0);
     ( 502872.0, 3634625.9,     108.0,     108.0,       0.0);         ( 502922.0,
3634625.9,     107.8,     107.8,       0.0);
     ( 502972.0, 3634625.9,     107.9,     107.9,       0.0);         ( 503022.0,
3634625.9,     108.0,     108.0,       0.0);
     ( 503072.0, 3634625.9,     108.2,     108.2,       0.0);         ( 503122.0,
3634625.9,     108.0,     108.0,       0.0);
     ( 504472.0, 3634625.9,     111.6,     363.3,       0.0);         ( 504522.0,
3634625.9,     112.5,     363.3,       0.0);
     ( 504572.0, 3634625.9,     113.3,     363.3,       0.0);         ( 504622.0,
3634625.9,     115.1,     363.3,       0.0);
     ( 504672.0, 3634625.9,     115.7,     363.3,       0.0);         ( 504722.0,
3634625.9,     125.4,     360.8,       0.0);
     ( 502722.0, 3634675.9,     107.3,     107.3,       0.0);         ( 502772.0,
3634675.9,     107.6,     107.6,       0.0);
     ( 502822.0, 3634675.9,     108.5,     108.5,       0.0);         ( 502872.0,
3634675.9,     108.6,     108.6,       0.0);
     ( 502922.0, 3634675.9,     108.5,     108.5,       0.0);         ( 502972.0,
3634675.9,     108.9,     108.9,       0.0);
     ( 503022.0, 3634675.9,     108.5,     108.5,       0.0);         ( 503072.0,
3634675.9,     108.2,     108.2,       0.0);
     ( 503122.0, 3634675.9,     109.0,     109.0,       0.0);         ( 503172.0,
```

3634675.9,     110.3,     110.3,       0.0);
     ( 503222.0, 3634675.9,     110.2,     317.2,       0.0);         ( 503272.0,
3634675.9,     107.9,     318.9,       0.0);
     ( 503322.0, 3634675.9,     108.0,     318.9,       0.0);         ( 503372.0,
3634675.9,     108.3,     318.9,       0.0);
     ( 503422.0, 3634675.9,     108.6,     318.9,       0.0);         ( 503472.0,
3634675.9,     110.6,     318.9,       0.0);
     ( 503522.0, 3634675.9,     107.6,     318.9,       0.0);         ( 504522.0,
3634675.9,     111.4,     362.2,       0.0);
     ( 504572.0, 3634675.9,     111.8,     362.2,       0.0);         ( 504622.0,
3634675.9,     113.4,     362.2,       0.0);
     ( 504672.0, 3634675.9,     114.0,     363.3,       0.0);         ( 504722.0,
3634675.9,     114.8,     363.3,       0.0);
     ( 502722.0, 3634725.9,     107.8,     107.8,       0.0);         ( 502772.0,
3634725.9,     108.1,     108.1,       0.0);
     ( 502822.0, 3634725.9,     108.4,     108.4,       0.0);         ( 502872.0,
3634725.9,     109.4,     109.4,       0.0);
     ( 502922.0, 3634725.9,     109.1,     109.1,       0.0);         ( 502972.0,
3634725.9,     109.1,     109.1,       0.0);
     ( 503022.0, 3634725.9,     109.0,     109.0,       0.0);         ( 503072.0,
3634725.9,     108.5,     108.5,       0.0);
     ( 503122.0, 3634725.9,     109.1,     109.1,       0.0);         ( 503172.0,
3634725.9,     109.9,     109.9,       0.0);
     ( 503222.0, 3634725.9,     109.3,     109.3,       0.0);         ( 503272.0,
3634725.9,     108.4,     317.2,       0.0);
     ( 503322.0, 3634725.9,     108.7,     318.9,       0.0);         ( 503372.0,
3634725.9,     109.2,     318.9,       0.0);
     ( 503422.0, 3634725.9,     109.6,     318.9,       0.0);         ( 503472.0,
3634725.9,     111.3,     318.9,       0.0);
     ( 503522.0, 3634725.9,     111.3,     318.9,       0.0);         ( 503572.0,
3634725.9,     109.2,     318.9,       0.0);
     ( 503622.0, 3634725.9,     107.5,     334.2,       0.0);         ( 504572.0,
3634725.9,     111.4,     360.8,       0.0);
     ( 504622.0, 3634725.9,     112.7,     360.8,       0.0);         ( 504672.0,
3634725.9,     113.2,     360.8,       0.0);
     ( 504722.0, 3634725.9,     113.9,     360.8,       0.0);         ( 502722.0,
3634775.9,     108.3,     108.3,       0.0);
     ( 502772.0, 3634775.9,     108.1,     108.1,       0.0);         ( 502822.0,
3634775.9,     108.7,     108.7,       0.0);
     ( 502872.0, 3634775.9,     109.6,     109.6,       0.0);         ( 502922.0,
3634775.9,     109.5,     109.5,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 502972.0, 3634775.9, 109.0, 109.0, 0.0); ( 503022.0, 3634775.9, 109.4, 109.4, 0.0);
( 503072.0, 3634775.9, 109.2, 109.2, 0.0); ( 503122.0, 3634775.9, 109.1, 109.1, 0.0);
( 503172.0, 3634775.9, 109.4, 109.4, 0.0); ( 503222.0, 3634775.9, 108.6, 108.6, 0.0);
( 503272.0, 3634775.9, 108.4, 195.7, 0.0); ( 503322.0, 3634775.9, 108.4, 317.2, 0.0);
( 503372.0, 3634775.9, 108.5, 318.9, 0.0); ( 503422.0, 3634775.9, 109.1, 318.9, 0.0);
( 503472.0, 3634775.9, 110.8, 318.9, 0.0); ( 503522.0, 3634775.9, 110.6, 318.9, 0.0);
( 503572.0, 3634775.9, 110.3, 318.9, 0.0); ( 503622.0, 3634775.9, 110.4, 318.9, 0.0);
( 503672.0, 3634775.9, 110.9, 318.9, 0.0); ( 503722.0, 3634775.9, 110.6, 333.6, 0.0);
( 503772.0, 3634775.9, 109.7, 334.9, 0.0); ( 503822.0, 3634775.9, 107.5, 336.5, 0.0);
( 504622.0, 3634775.9, 111.9, 338.7, 0.0); ( 504672.0, 3634775.9, 112.9, 338.7, 0.0);
( 504722.0, 3634775.9, 113.5, 338.7, 0.0); ( 502722.0, 3634825.9, 108.3, 108.3, 0.0);
( 502772.0, 3634825.9, 109.1, 109.1, 0.0); ( 502822.0, 3634825.9, 109.2, 109.2, 0.0);
( 502872.0, 3634825.9, 109.2, 109.2, 0.0); ( 502922.0, 3634825.9, 109.9, 109.9, 0.0);
( 502972.0, 3634825.9, 109.6, 109.6, 0.0); ( 503022.0, 3634825.9, 109.8, 109.8, 0.0);
( 503072.0, 3634825.9, 109.0, 109.0, 0.0); ( 503122.0, 3634825.9, 109.3, 109.3, 0.0);
( 503172.0, 3634825.9, 108.5, 108.5, 0.0); ( 503222.0, 3634825.9, 108.4, 108.4, 0.0);
( 503272.0, 3634825.9, 108.4, 197.1, 0.0); ( 503322.0, 3634825.9, 108.8, 197.1, 0.0);
( 503372.0, 3634825.9, 110.2, 197.1, 0.0); ( 503422.0, 3634825.9, 111.0, 317.2, 0.0);
( 503472.0, 3634825.9, 111.4, 318.9, 0.0); ( 503522.0, 3634825.9, 111.2, 318.9, 0.0);
( 503572.0, 3634825.9, 110.6, 318.9, 0.0); ( 503622.0, 3634825.9, 111.0, 318.9, 0.0);
( 503672.0, 3634825.9, 111.4, 318.9, 0.0); ( 503722.0, 3634825.9, 111.5, 318.9, 0.0);
( 503772.0, 3634825.9, 111.3, 318.9, 0.0); ( 503822.0, 3634825.9, 111.4, 334.2, 0.0);
( 503872.0, 3634825.9, 111.5, 334.4, 0.0); ( 503922.0, 3634825.9, 111.4, 336.0, 0.0);
( 504672.0, 3634825.9, 112.2, 338.7, 0.0); ( 504722.0,

3634825.9,     113.1,     338.7,       0.0);
     ( 502722.0, 3634875.9,     108.3,     108.3,       0.0);         ( 502772.0,
3634875.9,     108.8,     108.8,       0.0);
     ( 502822.0, 3634875.9,     109.1,     109.1,       0.0);         ( 502872.0,
3634875.9,     108.7,     108.7,       0.0);
     ( 502922.0, 3634875.9,     109.6,     109.6,       0.0);         ( 502972.0,
3634875.9,     109.6,     109.6,       0.0);
     ( 503022.0, 3634875.9,     109.8,     109.8,       0.0);         ( 503072.0,
3634875.9,     109.5,     109.5,       0.0);
     ( 503122.0, 3634875.9,     109.5,     109.5,       0.0);         ( 503172.0,
3634875.9,     108.3,     108.3,       0.0);
     ( 503222.0, 3634875.9,     108.6,     195.7,       0.0);         ( 503272.0,
3634875.9,     109.9,     197.1,       0.0);
     ( 503322.0, 3634875.9,     110.7,     197.1,       0.0);         ( 503372.0,
3634875.9,     110.7,     197.1,       0.0);
     ( 503422.0, 3634875.9,     111.1,     197.1,       0.0);         ( 503472.0,
3634875.9,     111.8,     197.1,       0.0);
     ( 503522.0, 3634875.9,     111.7,     317.2,       0.0);         ( 503572.0,
3634875.9,     111.8,     318.9,       0.0);
     ( 503622.0, 3634875.9,     111.7,     318.9,       0.0);         ( 503672.0,
3634875.9,     112.0,     318.9,       0.0);
     ( 503722.0, 3634875.9,     112.6,     318.9,       0.0);         ( 503772.0,
3634875.9,     112.7,     318.9,       0.0);
     ( 503822.0, 3634875.9,     113.0,     318.9,       0.0);         ( 503872.0,
3634875.9,     113.2,     318.9,       0.0);
     ( 503922.0, 3634875.9,     114.9,     318.9,       0.0);         ( 504722.0,
3634875.9,     112.5,     338.7,       0.0);
     ( 502722.0, 3634925.9,     108.4,     108.4,       0.0);         ( 502772.0,
3634925.9,     108.5,     108.5,       0.0);
     ( 502822.0, 3634925.9,     108.9,     108.9,       0.0);         ( 502872.0,
3634925.9,     108.6,     108.6,       0.0);
     ( 502922.0, 3634925.9,     109.2,     109.2,       0.0);         ( 502972.0,
3634925.9,     109.4,     109.4,       0.0);
     ( 503022.0, 3634925.9,     109.5,     109.5,       0.0);         ( 503072.0,
3634925.9,     109.4,     109.4,       0.0);
     ( 503122.0, 3634925.9,     109.5,     109.5,       0.0);         ( 503172.0,
3634925.9,     109.4,     109.4,       0.0);
     ( 503222.0, 3634925.9,     109.8,     195.7,       0.0);         ( 503272.0,
3634925.9,     110.3,     197.1,       0.0);
     ( 503322.0, 3634925.9,     110.7,     197.1,       0.0);         ( 503372.0,
3634925.9,     111.0,     197.1,       0.0);
     ( 503422.0, 3634925.9,     111.4,     197.1,       0.0);         ( 503472.0,
3634925.9,     111.7,     197.1,       0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503522.0, 3634925.9, 111.8, 197.1, 0.0); ( 503572.0, 3634925.9, 111.8, 197.1, 0.0);
( 503622.0, 3634925.9, 111.8, 317.2, 0.0); ( 503672.0, 3634925.9, 112.1, 318.9, 0.0);
( 503722.0, 3634925.9, 114.0, 318.9, 0.0); ( 503772.0, 3634925.9, 114.7, 318.9, 0.0);
( 503822.0, 3634925.9, 115.8, 318.9, 0.0); ( 503872.0, 3634925.9, 116.9, 318.9, 0.0);
( 502722.0, 3634975.9, 108.5, 108.5, 0.0); ( 502772.0, 3634975.9, 108.3, 108.3, 0.0);
( 502822.0, 3634975.9, 108.6, 108.6, 0.0); ( 502872.0, 3634975.9, 109.0, 109.0, 0.0);
( 502922.0, 3634975.9, 109.9, 109.9, 0.0); ( 502972.0, 3634975.9, 108.6, 108.6, 0.0);
( 503022.0, 3634975.9, 108.9, 108.9, 0.0); ( 503072.0, 3634975.9, 109.3, 109.3, 0.0);
( 503122.0, 3634975.9, 109.6, 109.6, 0.0); ( 503172.0, 3634975.9, 108.2, 333.1, 0.0);
( 503222.0, 3634975.9, 108.2, 333.1, 0.0); ( 503272.0, 3634975.9, 108.9, 333.1, 0.0);
( 503322.0, 3634975.9, 109.2, 333.1, 0.0); ( 503372.0, 3634975.9, 109.7, 333.1, 0.0);
( 503422.0, 3634975.9, 111.4, 197.1, 0.0); ( 503472.0, 3634975.9, 111.3, 197.1, 0.0);
( 503522.0, 3634975.9, 111.9, 197.1, 0.0); ( 503572.0, 3634975.9, 111.8, 197.1, 0.0);
( 503622.0, 3634975.9, 111.7, 197.1, 0.0); ( 503672.0, 3634975.9, 112.0, 197.1, 0.0);
( 503722.0, 3634975.9, 115.0, 197.1, 0.0); ( 503772.0, 3634975.9, 119.4, 197.1, 0.0);
( 503822.0, 3634975.9, 118.6, 197.1, 0.0); ( 503872.0, 3634975.9, 126.0, 197.1, 0.0);
( 502722.0, 3635025.9, 108.7, 108.7, 0.0); ( 502772.0, 3635025.9, 109.2, 109.2, 0.0);
( 502822.0, 3635025.9, 109.3, 109.3, 0.0); ( 502872.0, 3635025.9, 109.5, 109.5, 0.0);
( 502922.0, 3635025.9, 109.3, 333.1, 0.0); ( 502972.0, 3635025.9, 109.2, 333.1, 0.0);
( 503022.0, 3635025.9, 109.4, 333.1, 0.0); ( 503072.0, 3635025.9, 109.9, 333.1, 0.0);
( 503122.0, 3635025.9, 110.0, 333.1, 0.0); ( 503172.0, 3635025.9, 109.2, 333.1, 0.0);
( 503222.0, 3635025.9, 109.3, 333.1, 0.0); ( 503272.0, 3635025.9, 109.6, 333.1, 0.0);
( 503322.0, 3635025.9, 109.8, 333.1, 0.0); ( 503372.0,

3635025.9,     110.3,     333.1,       0.0);
     ( 503422.0, 3635025.9,     111.3,     333.1,       0.0);         ( 503472.0,
3635025.9,     111.3,     333.1,       0.0);
     ( 503522.0, 3635025.9,     111.6,     333.1,       0.0);         ( 503572.0,
3635025.9,     111.9,     333.1,       0.0);
     ( 503622.0, 3635025.9,     112.2,     333.1,       0.0);         ( 503672.0,
3635025.9,     113.2,     333.1,       0.0);
     ( 503722.0, 3635025.9,     118.5,     197.1,       0.0);         ( 503772.0,
3635025.9,     120.0,     197.1,       0.0);
     ( 503822.0, 3635025.9,     122.5,     197.1,       0.0);         ( 504372.0,
3635025.9,     110.7,     336.0,       0.0);
     ( 502722.0, 3635075.9,     109.5,     333.1,       0.0);         ( 502772.0,
3635075.9,     110.0,     333.1,       0.0);
     ( 502822.0, 3635075.9,     110.2,     333.1,       0.0);         ( 502872.0,
3635075.9,     109.5,     333.1,       0.0);
     ( 502922.0, 3635075.9,     109.7,     333.1,       0.0);         ( 502972.0,
3635075.9,     110.0,     333.1,       0.0);
     ( 503022.0, 3635075.9,     109.6,     333.1,       0.0);         ( 503072.0,
3635075.9,     110.0,     333.1,       0.0);
     ( 503122.0, 3635075.9,     110.0,     333.1,       0.0);         ( 503172.0,
3635075.9,     109.5,     333.1,       0.0);
     ( 503222.0, 3635075.9,     109.8,     333.1,       0.0);         ( 503272.0,
3635075.9,     109.9,     333.1,       0.0);
     ( 503322.0, 3635075.9,     110.2,     333.1,       0.0);         ( 503372.0,
3635075.9,     110.5,     333.1,       0.0);
     ( 503422.0, 3635075.9,     110.7,     333.1,       0.0);         ( 503472.0,
3635075.9,     110.9,     333.1,       0.0);
     ( 503522.0, 3635075.9,     111.2,     333.1,       0.0);         ( 503572.0,
3635075.9,     111.6,     333.1,       0.0);
     ( 503622.0, 3635075.9,     112.1,     333.1,       0.0);         ( 503672.0,
3635075.9,     113.6,     333.1,       0.0);
     ( 503722.0, 3635075.9,     116.8,     333.1,       0.0);         ( 503772.0,
3635075.9,     119.5,     197.1,       0.0);
     ( 503822.0, 3635075.9,     126.0,     197.1,       0.0);         ( 504372.0,
3635075.9,     111.5,     334.2,       0.0);
     ( 504422.0, 3635075.9,     111.6,     334.9,       0.0);         ( 504472.0,
3635075.9,     111.7,     336.0,       0.0);
     ( 504522.0, 3635075.9,     109.8,     336.4,       0.0);         ( 502722.0,
3635125.9,     109.9,     333.1,       0.0);
     ( 502772.0, 3635125.9,     110.4,     333.1,       0.0);         ( 502822.0,
3635125.9,     110.8,     333.1,       0.0);
     ( 502872.0, 3635125.9,     110.4,     333.1,       0.0);         ( 502922.0,
3635125.9,     109.4,     333.1,       0.0);
     ( 502972.0, 3635125.9,     109.5,     333.1,       0.0);         ( 503022.0,
3635125.9,     109.7,     333.1,       0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503072.0, 3635125.9, 110.3, 333.1, 0.0); ( 503122.0, 3635125.9, 110.3, 333.1, 0.0);
( 503172.0, 3635125.9, 110.2, 333.1, 0.0); ( 503222.0, 3635125.9, 110.8, 333.1, 0.0);
( 503272.0, 3635125.9, 110.6, 333.1, 0.0); ( 503322.0, 3635125.9, 111.0, 333.1, 0.0);
( 503372.0, 3635125.9, 111.1, 333.1, 0.0); ( 503422.0, 3635125.9, 110.8, 333.1, 0.0);
( 503472.0, 3635125.9, 111.1, 333.1, 0.0); ( 503522.0, 3635125.9, 111.5, 333.1, 0.0);
( 503572.0, 3635125.9, 113.3, 333.1, 0.0); ( 503622.0, 3635125.9, 113.2, 333.1, 0.0);
( 503672.0, 3635125.9, 115.0, 333.1, 0.0); ( 503722.0, 3635125.9, 119.5, 333.1, 0.0);
( 503772.0, 3635125.9, 122.1, 333.1, 0.0); ( 503822.0, 3635125.9, 126.7, 197.1, 0.0);
( 504372.0, 3635125.9, 111.5, 318.9, 0.0); ( 504422.0, 3635125.9, 112.7, 318.9, 0.0);
( 504472.0, 3635125.9, 112.2, 318.9, 0.0); ( 504522.0, 3635125.9, 111.7, 334.2, 0.0);
( 504572.0, 3635125.9, 110.6, 334.9, 0.0); ( 502722.0, 3635175.9, 110.2, 333.1, 0.0);
( 502772.0, 3635175.9, 111.1, 333.1, 0.0); ( 502822.0, 3635175.9, 111.5, 333.1, 0.0);
( 502872.0, 3635175.9, 111.6, 333.1, 0.0); ( 502922.0, 3635175.9, 110.2, 333.1, 0.0);
( 502972.0, 3635175.9, 110.1, 333.1, 0.0); ( 503022.0, 3635175.9, 110.6, 333.1, 0.0);
( 503072.0, 3635175.9, 110.8, 333.1, 0.0); ( 503122.0, 3635175.9, 110.5, 333.1, 0.0);
( 503172.0, 3635175.9, 110.3, 333.1, 0.0); ( 503222.0, 3635175.9, 111.0, 333.1, 0.0);
( 503272.0, 3635175.9, 110.8, 333.1, 0.0); ( 503322.0, 3635175.9, 111.3, 333.1, 0.0);
( 503372.0, 3635175.9, 111.3, 333.1, 0.0); ( 503422.0, 3635175.9, 110.3, 333.1, 0.0);
( 503472.0, 3635175.9, 112.1, 333.1, 0.0); ( 503522.0, 3635175.9, 112.1, 333.1, 0.0);
( 503572.0, 3635175.9, 114.0, 333.1, 0.0); ( 503622.0, 3635175.9, 114.2, 333.1, 0.0);
( 503672.0, 3635175.9, 116.3, 333.1, 0.0); ( 503722.0, 3635175.9, 121.8, 333.1, 0.0);
( 503772.0, 3635175.9, 126.7, 333.1, 0.0); ( 503822.0,

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3635175.9,     132.5,     197.1,       0.0);
     ( 504372.0, 3635175.9,     111.7,     317.2,       0.0);         ( 504422.0,
3635175.9,     112.6,     279.6,       0.0);
     ( 504472.0, 3635175.9,     112.4,     317.2,       0.0);         ( 504522.0,
3635175.9,     112.3,     317.2,       0.0);
     ( 504572.0, 3635175.9,     112.7,     317.2,       0.0);         ( 504622.0,
3635175.9,     109.7,     334.2,       0.0);
     ( 502722.0, 3635225.9,     110.5,     333.1,       0.0);         ( 502772.0,
3635225.9,     110.5,     333.1,       0.0);
     ( 502822.0, 3635225.9,     110.8,     333.1,       0.0);         ( 502872.0,
3635225.9,     111.1,     333.1,       0.0);
     ( 502922.0, 3635225.9,     111.3,     333.1,       0.0);         ( 502972.0,
3635225.9,     111.1,     333.1,       0.0);
     ( 503022.0, 3635225.9,     111.0,     333.1,       0.0);         ( 503072.0,
3635225.9,     110.8,     333.1,       0.0);
     ( 503122.0, 3635225.9,     110.4,     333.1,       0.0);         ( 503172.0,
3635225.9,     110.2,     333.1,       0.0);
     ( 503222.0, 3635225.9,     110.0,     333.1,       0.0);         ( 503272.0,
3635225.9,     109.7,     333.1,       0.0);
     ( 503322.0, 3635225.9,     109.5,     333.1,       0.0);         ( 503372.0,
3635225.9,     109.6,     333.1,       0.0);
     ( 503422.0, 3635225.9,     109.8,     333.1,       0.0);         ( 503472.0,
3635225.9,     110.4,     333.1,       0.0);
     ( 503522.0, 3635225.9,     112.4,     333.1,       0.0);         ( 503572.0,
3635225.9,     114.2,     333.1,       0.0);
     ( 503622.0, 3635225.9,     116.6,     333.1,       0.0);         ( 503672.0,
3635225.9,     119.3,     333.1,       0.0);
     ( 504372.0, 3635225.9,     111.4,     333.1,       0.0);         ( 504422.0,
3635225.9,     111.7,     279.6,       0.0);
     ( 504472.0, 3635225.9,     112.0,     279.6,       0.0);         ( 504522.0,
3635225.9,     112.3,     279.6,       0.0);
     ( 504572.0, 3635225.9,     113.0,     279.6,       0.0);         ( 504622.0,
3635225.9,     112.5,     279.6,       0.0);
     ( 502722.0, 3635275.9,     111.4,     333.1,       0.0);         ( 502772.0,
3635275.9,     112.2,     333.1,       0.0);
     ( 502822.0, 3635275.9,     112.5,     333.1,       0.0);         ( 502872.0,
3635275.9,     112.1,     333.1,       0.0);
     ( 502922.0, 3635275.9,     112.5,     333.1,       0.0);         ( 502972.0,
3635275.9,     112.1,     333.1,       0.0);
     ( 503022.0, 3635275.9,     112.4,     333.1,       0.0);         ( 503072.0,
3635275.9,     112.5,     333.1,       0.0);
     ( 503122.0, 3635275.9,     112.4,     333.1,       0.0);         ( 503172.0,
3635275.9,     112.3,     333.1,       0.0);
     ( 503222.0, 3635275.9,     110.4,     333.1,       0.0);         ( 503272.0,
3635275.9,     110.5,     333.1,       0.0);
     ( 503322.0, 3635275.9,     110.1,     333.1,       0.0);         ( 503372.0,
3635275.9,     110.6,     333.1,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503422.0, 3635275.9, 110.3, 333.1, 0.0); ( 503472.0, 3635275.9, 110.5, 333.1, 0.0);
( 503522.0, 3635275.9, 110.5, 333.1, 0.0); ( 503572.0, 3635275.9, 113.3, 333.1, 0.0);
( 503622.0, 3635275.9, 115.6, 333.1, 0.0); ( 504372.0, 3635275.9, 113.0, 333.1, 0.0);
( 504422.0, 3635275.9, 113.2, 333.1, 0.0); ( 504472.0, 3635275.9, 112.8, 333.1, 0.0);
( 504522.0, 3635275.9, 112.7, 279.6, 0.0); ( 504572.0, 3635275.9, 112.8, 279.6, 0.0);
( 504622.0, 3635275.9, 113.1, 279.6, 0.0); ( 504672.0, 3635275.9, 112.0, 279.6, 0.0);
( 502722.0, 3635325.9, 112.2, 333.1, 0.0); ( 502772.0, 3635325.9, 112.7, 333.1, 0.0);
( 502822.0, 3635325.9, 112.8, 333.1, 0.0); ( 502872.0, 3635325.9, 112.7, 333.1, 0.0);
( 502922.0, 3635325.9, 112.9, 333.1, 0.0); ( 502972.0, 3635325.9, 112.5, 333.1, 0.0);
( 503022.0, 3635325.9, 112.8, 333.1, 0.0); ( 503072.0, 3635325.9, 112.8, 333.1, 0.0);
( 503122.0, 3635325.9, 112.8, 333.1, 0.0); ( 503172.0, 3635325.9, 112.8, 333.1, 0.0);
( 503222.0, 3635325.9, 110.8, 333.1, 0.0); ( 503272.0, 3635325.9, 110.9, 333.1, 0.0);
( 503322.0, 3635325.9, 110.8, 333.1, 0.0); ( 503372.0, 3635325.9, 111.3, 333.1, 0.0);
( 503422.0, 3635325.9, 111.3, 333.1, 0.0); ( 503472.0, 3635325.9, 111.4, 333.1, 0.0);
( 503522.0, 3635325.9, 110.8, 333.1, 0.0); ( 503572.0, 3635325.9, 112.3, 333.1, 0.0);
( 503622.0, 3635325.9, 115.0, 333.1, 0.0); ( 504372.0, 3635325.9, 113.3, 333.1, 0.0);
( 504422.0, 3635325.9, 113.2, 333.1, 0.0); ( 504472.0, 3635325.9, 113.0, 333.1, 0.0);
( 504522.0, 3635325.9, 112.6, 333.1, 0.0); ( 504572.0, 3635325.9, 112.4, 333.1, 0.0);
( 504622.0, 3635325.9, 113.1, 279.6, 0.0); ( 504672.0, 3635325.9, 113.7, 279.6, 0.0);
( 504722.0, 3635325.9, 111.8, 279.6, 0.0); ( 502722.0, 3635375.9, 113.3, 333.1, 0.0);
( 502772.0, 3635375.9, 116.1, 333.1, 0.0); ( 502822.0,

3635375.9,     116.4,     333.1,       0.0);
     ( 502872.0, 3635375.9,     116.3,     333.1,       0.0);         ( 502922.0,
3635375.9,     115.7,     333.1,       0.0);
     ( 502972.0, 3635375.9,     113.2,     333.1,       0.0);         ( 503022.0,
3635375.9,     115.0,     333.1,       0.0);
     ( 503072.0, 3635375.9,     115.8,     333.1,       0.0);         ( 503122.0,
3635375.9,     113.6,     333.1,       0.0);
     ( 503172.0, 3635375.9,     113.1,     333.1,       0.0);         ( 503222.0,
3635375.9,     111.2,     333.1,       0.0);
     ( 503272.0, 3635375.9,     111.2,     333.1,       0.0);         ( 503322.0,
3635375.9,     111.4,     333.1,       0.0);
     ( 503372.0, 3635375.9,     111.6,     333.1,       0.0);         ( 503422.0,
3635375.9,     111.5,     333.1,       0.0);
     ( 503472.0, 3635375.9,     111.4,     333.1,       0.0);         ( 503522.0,
3635375.9,     111.3,     333.1,       0.0);
     ( 503572.0, 3635375.9,     112.4,     333.1,       0.0);         ( 503622.0,
3635375.9,     113.4,     333.1,       0.0);
     ( 503672.0, 3635375.9,     116.5,     333.1,       0.0);         ( 503722.0,
3635375.9,     120.5,     333.1,       0.0);
     ( 504372.0, 3635375.9,     113.3,     333.1,       0.0);         ( 504422.0,
3635375.9,     113.1,     333.1,       0.0);
     ( 504472.0, 3635375.9,     112.7,     333.1,       0.0);         ( 504522.0,
3635375.9,     112.6,     333.1,       0.0);
     ( 504572.0, 3635375.9,     112.4,     333.1,       0.0);         ( 504622.0,
3635375.9,     113.2,     333.1,       0.0);
     ( 504672.0, 3635375.9,     113.7,     279.6,       0.0);         ( 504722.0,
3635375.9,     113.6,     279.6,       0.0);
     ( 502722.0, 3635425.9,     114.6,     333.1,       0.0);         ( 502772.0,
3635425.9,     116.7,     333.1,       0.0);
     ( 502822.0, 3635425.9,     116.9,     333.1,       0.0);         ( 502872.0,
3635425.9,     117.0,     333.1,       0.0);
     ( 502922.0, 3635425.9,     116.9,     333.1,       0.0);         ( 502972.0,
3635425.9,     116.5,     333.1,       0.0);
     ( 503022.0, 3635425.9,     116.5,     333.1,       0.0);         ( 503072.0,
3635425.9,     116.3,     333.1,       0.0);
     ( 503122.0, 3635425.9,     113.4,     333.1,       0.0);         ( 503172.0,
3635425.9,     113.2,     333.1,       0.0);
     ( 503222.0, 3635425.9,     112.8,     333.1,       0.0);         ( 503272.0,
3635425.9,     113.7,     333.1,       0.0);
     ( 503322.0, 3635425.9,     113.4,     333.1,       0.0);         ( 503372.0,
3635425.9,     113.1,     333.1,       0.0);
     ( 503422.0, 3635425.9,     112.8,     333.1,       0.0);         ( 503472.0,
3635425.9,     113.1,     333.1,       0.0);
     ( 503522.0, 3635425.9,     113.5,     333.1,       0.0);         ( 503572.0,
3635425.9,     113.7,     333.1,       0.0);
     ( 503622.0, 3635425.9,     114.0,     333.1,       0.0);         ( 503672.0,
3635425.9,     116.4,     333.1,       0.0);
     ( 503722.0, 3635425.9,     117.8,     333.1,       0.0);         ( 503772.0,
3635425.9,     119.1,     333.1,       0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503822.0, 3635425.9, 120.3, 333.1, 0.0); ( 504372.0, 3635425.9, 113.5, 333.1, 0.0);
( 504422.0, 3635425.9, 113.6, 333.1, 0.0); ( 504472.0, 3635425.9, 113.5, 333.1, 0.0);
( 504522.0, 3635425.9, 112.9, 333.1, 0.0); ( 504572.0, 3635425.9, 112.8, 333.1, 0.0);
( 504622.0, 3635425.9, 113.4, 333.1, 0.0); ( 504672.0, 3635425.9, 113.6, 333.1, 0.0);
( 504722.0, 3635425.9, 113.8, 279.6, 0.0); ( 502722.0, 3635475.9, 116.3, 333.1, 0.0);
( 502772.0, 3635475.9, 116.9, 333.1, 0.0); ( 502822.0, 3635475.9, 117.0, 333.1, 0.0);
( 502872.0, 3635475.9, 117.0, 333.1, 0.0); ( 502922.0, 3635475.9, 116.6, 333.1, 0.0);
( 502972.0, 3635475.9, 116.8, 333.1, 0.0); ( 503022.0, 3635475.9, 116.7, 333.1, 0.0);
( 503072.0, 3635475.9, 115.7, 333.1, 0.0); ( 503122.0, 3635475.9, 113.3, 333.1, 0.0);
( 503172.0, 3635475.9, 113.3, 333.1, 0.0); ( 503222.0, 3635475.9, 113.6, 333.1, 0.0);
( 503272.0, 3635475.9, 114.0, 333.1, 0.0); ( 503322.0, 3635475.9, 113.9, 333.1, 0.0);
( 503372.0, 3635475.9, 113.5, 333.1, 0.0); ( 503422.0, 3635475.9, 113.4, 333.1, 0.0);
( 503472.0, 3635475.9, 113.6, 333.1, 0.0); ( 503522.0, 3635475.9, 113.8, 333.1, 0.0);
( 503572.0, 3635475.9, 114.2, 333.1, 0.0); ( 503622.0, 3635475.9, 114.2, 333.1, 0.0);
( 503672.0, 3635475.9, 115.2, 333.1, 0.0); ( 503722.0, 3635475.9, 115.8, 333.1, 0.0);
( 503772.0, 3635475.9, 117.9, 333.1, 0.0); ( 503822.0, 3635475.9, 117.9, 333.1, 0.0);
( 503872.0, 3635475.9, 117.4, 333.1, 0.0); ( 503922.0, 3635475.9, 117.4, 333.1, 0.0);
( 504372.0, 3635475.9, 112.4, 333.1, 0.0); ( 504422.0, 3635475.9, 112.8, 333.1, 0.0);
( 504472.0, 3635475.9, 113.3, 333.1, 0.0); ( 504522.0, 3635475.9, 112.8, 333.1, 0.0);
( 504572.0, 3635475.9, 113.2, 333.1, 0.0); ( 504622.0,

```
3635475.9,     113.5,     333.1,       0.0);
     ( 504672.0, 3635475.9,     113.7,     333.1,       0.0);         ( 504722.0,
3635475.9,     114.5,     333.1,       0.0);
     ( 502222.0, 3632975.9,     106.9,     106.9,       0.0);         ( 502272.0,
3632975.9,     106.9,     106.9,       0.0);
     ( 502322.0, 3632975.9,     107.1,     107.1,       0.0);         ( 502372.0,
3632975.9,     107.5,     107.5,       0.0);
     ( 502422.0, 3632975.9,     107.9,     169.3,       0.0);         ( 502472.0,
3632975.9,     108.4,     169.3,       0.0);
     ( 502522.0, 3632975.9,     108.1,     318.9,       0.0);         ( 502572.0,
3632975.9,     108.5,     318.9,       0.0);
     ( 502622.0, 3632975.9,     109.1,     318.9,       0.0);         ( 502672.0,
3632975.9,     110.1,     318.9,       0.0);
     ( 502722.0, 3632975.9,     111.2,     329.3,       0.0);         ( 502772.0,
3632975.9,     112.8,     329.9,       0.0);
     ( 502822.0, 3632975.9,     116.1,     329.9,       0.0);         ( 502872.0,
3632975.9,     122.4,     329.9,       0.0);
     ( 502922.0, 3632975.9,     122.8,     335.8,       0.0);         ( 502972.0,
3632975.9,     152.4,     318.9,       0.0);
     ( 503022.0, 3632975.9,     153.2,     318.9,       0.0);         ( 503072.0,
3632975.9,     138.8,     335.8,       0.0);
     ( 503122.0, 3632975.9,     127.8,     360.8,       0.0);         ( 503172.0,
3632975.9,     122.2,     363.3,       0.0);
     ( 503222.0, 3632975.9,     120.5,     363.3,       0.0);         ( 503272.0,
3632975.9,     120.8,     363.3,       0.0);
     ( 503322.0, 3632975.9,     121.7,     363.3,       0.0);         ( 503372.0,
3632975.9,     122.3,     363.3,       0.0);
     ( 503422.0, 3632975.9,     125.5,     363.3,       0.0);         ( 503472.0,
3632975.9,     127.5,     363.3,       0.0);
     ( 503622.0, 3632975.9,     137.2,     363.3,       0.0);         ( 503672.0,
3632975.9,     141.7,     363.3,       0.0);
     ( 503722.0, 3632975.9,     146.8,     363.3,       0.0);         ( 503772.0,
3632975.9,     154.2,     363.3,       0.0);
     ( 503822.0, 3632975.9,     174.0,     363.3,       0.0);         ( 503872.0,
3632975.9,     198.6,     360.8,       0.0);
     ( 503922.0, 3632975.9,     212.6,     338.4,       0.0);         ( 503972.0,
3632975.9,     218.4,     338.4,       0.0);
     ( 504022.0, 3632975.9,     229.3,     337.2,       0.0);         ( 504072.0,
3632975.9,     230.7,     337.5,       0.0);
     ( 504122.0, 3632975.9,     246.7,     329.9,       0.0);         ( 504172.0,
3632975.9,     248.2,     335.8,       0.0);
     ( 504222.0, 3632975.9,     252.1,     336.5,       0.0);         ( 504272.0,
3632975.9,     252.2,     337.2,       0.0);
     ( 504322.0, 3632975.9,     253.4,     338.4,       0.0);         ( 504372.0,
3632975.9,     266.4,     336.5,       0.0);
     ( 504422.0, 3632975.9,     272.5,     335.8,       0.0);         ( 504472.0,
3632975.9,     274.5,     336.5,       0.0);
     ( 504522.0, 3632975.9,     272.2,     338.4,       0.0);         ( 504572.0,
3632975.9,     274.9,     338.6,       0.0);
     ( 504622.0, 3632975.9,     281.7,     338.4,       0.0);         ( 504672.0,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     ( 504722.0, 3632975.9,     287.5,     338.6,       0.0);         ( 504772.0, 3632975.9,     290.1,     338.6,       0.0);
     ( 504822.0, 3632975.9,     304.8,     337.2,       0.0);         ( 504872.0, 3632975.9,     316.5,     335.8,       0.0);
     ( 504922.0, 3632975.9,     318.4,     336.5,       0.0);         ( 504972.0, 3632975.9,     321.0,     336.5,       0.0);
     ( 505022.0, 3632975.9,     332.2,     333.6,       0.0);         ( 505072.0, 3632975.9,     332.3,     334.2,       0.0);
     ( 505122.0, 3632975.9,     312.8,     338.7,       0.0);         ( 505172.0, 3632975.9,     288.7,     363.3,       0.0);
     ( 505222.0, 3632975.9,     272.2,     363.3,       0.0);         ( 502222.0, 3633025.9,     104.8,     104.8,       0.0);
     ( 502272.0, 3633025.9,     106.9,     106.9,       0.0);         ( 502322.0, 3633025.9,     106.6,     106.6,       0.0);
     ( 502372.0, 3633025.9,     107.2,     107.2,       0.0);         ( 502422.0, 3633025.9,     107.8,     169.3,       0.0);
     ( 502472.0, 3633025.9,     107.7,     169.3,       0.0);         ( 502522.0, 3633025.9,     108.1,     318.9,       0.0);
     ( 502572.0, 3633025.9,     108.7,     318.9,       0.0);         ( 502622.0, 3633025.9,     109.6,     318.9,       0.0);
     ( 502672.0, 3633025.9,     110.2,     318.9,       0.0);         ( 502722.0, 3633025.9,     111.1,     328.1,       0.0);
     ( 502772.0, 3633025.9,     112.3,     329.9,       0.0);         ( 502822.0, 3633025.9,     116.4,     329.9,       0.0);
     ( 502872.0, 3633025.9,     119.3,     335.8,       0.0);         ( 502922.0, 3633025.9,     122.9,     335.8,       0.0);
     ( 502972.0, 3633025.9,     151.8,     318.9,       0.0);         ( 503022.0, 3633025.9,     146.4,     318.9,       0.0);
     ( 503072.0, 3633025.9,     130.5,     337.5,       0.0);         ( 503122.0, 3633025.9,     122.3,     362.2,       0.0);
     ( 503172.0, 3633025.9,     120.5,     363.3,       0.0);         ( 503222.0, 3633025.9,     118.9,     363.3,       0.0);
     ( 503272.0, 3633025.9,     119.7,     363.3,       0.0);         ( 503322.0, 3633025.9,     120.1,     363.3,       0.0);
     ( 503372.0, 3633025.9,     121.9,     363.3,       0.0);         ( 503422.0, 3633025.9,     127.2,     363.3,       0.0);
     ( 503472.0, 3633025.9,     127.4,     363.3,       0.0);         ( 503622.0,

3633025.9,     138.6,     363.3,       0.0);
     ( 503672.0, 3633025.9,     141.9,     363.3,       0.0);         ( 503722.0,
3633025.9,     144.9,     363.3,       0.0);
     ( 503772.0, 3633025.9,     160.9,     363.3,       0.0);         ( 503822.0,
3633025.9,     182.7,     363.3,       0.0);
     ( 503872.0, 3633025.9,     204.8,     338.6,       0.0);         ( 503922.0,
3633025.9,     218.2,     337.2,       0.0);
     ( 503972.0, 3633025.9,     226.2,     336.5,       0.0);         ( 504022.0,
3633025.9,     234.3,     333.3,       0.0);
     ( 504072.0, 3633025.9,     243.6,     329.3,       0.0);         ( 504122.0,
3633025.9,     251.0,     328.1,       0.0);
     ( 504172.0, 3633025.9,     254.1,     329.3,       0.0);         ( 504222.0,
3633025.9,     253.2,     335.8,       0.0);
     ( 504272.0, 3633025.9,     254.0,     336.5,       0.0);         ( 504322.0,
3633025.9,     255.5,     337.2,       0.0);
     ( 504372.0, 3633025.9,     267.6,     335.8,       0.0);         ( 504422.0,
3633025.9,     274.4,     333.3,       0.0);
     ( 504472.0, 3633025.9,     276.2,     335.8,       0.0);         ( 504522.0,
3633025.9,     284.5,     331.0,       0.0);
     ( 504572.0, 3633025.9,     292.8,     329.3,       0.0);         ( 504622.0,
3633025.9,     299.3,     329.3,       0.0);
     ( 504672.0, 3633025.9,     301.5,     329.3,       0.0);         ( 504722.0,
3633025.9,     301.3,     335.8,       0.0);
     ( 504772.0, 3633025.9,     299.9,     336.9,       0.0);         ( 504822.0,
3633025.9,     307.1,     336.5,       0.0);
     ( 504872.0, 3633025.9,     300.6,     337.8,       0.0);         ( 504922.0,
3633025.9,     297.0,     338.7,       0.0);
     ( 504972.0, 3633025.9,     302.8,     338.6,       0.0);         ( 505022.0,
3633025.9,     320.4,     336.0,       0.0);
     ( 505072.0, 3633025.9,     323.8,     336.0,       0.0);         ( 505122.0,
3633025.9,     305.1,     338.7,       0.0);
     ( 505172.0, 3633025.9,     281.2,     363.3,       0.0);         ( 505222.0,
3633025.9,     258.8,     363.3,       0.0);
     ( 502222.0, 3633075.9,     105.0,     105.0,       0.0);         ( 502272.0,
3633075.9,     106.7,     106.7,       0.0);
     ( 502322.0, 3633075.9,     106.9,     106.9,       0.0);         ( 502372.0,
3633075.9,     107.2,     107.2,       0.0);
     ( 502422.0, 3633075.9,     107.6,     169.3,       0.0);         ( 502472.0,
3633075.9,     107.2,     169.3,       0.0);
     ( 502522.0, 3633075.9,     107.7,     318.9,       0.0);         ( 502572.0,
3633075.9,     108.6,     318.9,       0.0);
     ( 502622.0, 3633075.9,     109.3,     318.9,       0.0);         ( 502672.0,
3633075.9,     109.4,     318.9,       0.0);
     ( 502722.0, 3633075.9,     110.8,     328.1,       0.0);         ( 502772.0,
3633075.9,     111.5,     329.9,       0.0);
     ( 502822.0, 3633075.9,     114.8,     331.0,       0.0);         ( 502872.0,
3633075.9,     116.9,     335.8,       0.0);
     ( 502922.0, 3633075.9,     119.5,     336.5,       0.0);         ( 502972.0,
3633075.9,     126.2,     336.5,       0.0);
     ( 503022.0, 3633075.9,     124.1,     338.4,       0.0);         ( 503072.0,

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 503222.0, 3633075.9,     117.3,     363.3,       0.0);         ( 503272.0,
3633075.9,     118.8,     363.3,       0.0);
     ( 503322.0, 3633075.9,     120.1,     363.3,       0.0);         ( 503372.0,
3633075.9,     122.1,     363.3,       0.0);
     ( 503422.0, 3633075.9,     126.9,     363.3,       0.0);         ( 503472.0,
3633075.9,     127.2,     363.3,       0.0);
     ( 503622.0, 3633075.9,     139.7,     363.3,       0.0);         ( 503672.0,
3633075.9,     144.3,     363.3,       0.0);
     ( 503722.0, 3633075.9,     148.0,     363.3,       0.0);         ( 503772.0,
3633075.9,     164.9,     363.3,       0.0);
     ( 503822.0, 3633075.9,     189.2,     360.8,       0.0);         ( 503872.0,
3633075.9,     213.6,     336.5,       0.0);
     ( 503922.0, 3633075.9,     221.3,     335.8,       0.0);         ( 503972.0,
3633075.9,     223.8,     336.5,       0.0);
     ( 504022.0, 3633075.9,     235.4,     329.9,       0.0);         ( 504072.0,
3633075.9,     244.1,     329.3,       0.0);
     ( 504122.0, 3633075.9,     250.4,     328.1,       0.0);         ( 504172.0,
3633075.9,     253.3,     329.3,       0.0);
     ( 504222.0, 3633075.9,     253.3,     333.3,       0.0);         ( 504272.0,
3633075.9,     253.6,     336.5,       0.0);
     ( 504322.0, 3633075.9,     251.6,     337.5,       0.0);         ( 504372.0,
3633075.9,     265.5,     335.8,       0.0);
     ( 504422.0, 3633075.9,     268.4,     336.5,       0.0);         ( 504472.0,
3633075.9,     280.1,     329.9,       0.0);
     ( 504522.0, 3633075.9,     295.0,     318.9,       0.0);         ( 504572.0,
3633075.9,     306.4,     318.9,       0.0);
     ( 504622.0, 3633075.9,     316.2,     316.2,       0.0);         ( 504672.0,
3633075.9,     316.2,     316.2,       0.0);
     ( 504722.0, 3633075.9,     313.6,     317.4,       0.0);         ( 504772.0,
3633075.9,     304.6,     333.6,       0.0);
     ( 504822.0, 3633075.9,     299.1,     336.9,       0.0);         ( 504872.0,
3633075.9,     286.8,     338.7,       0.0);
     ( 504922.0, 3633075.9,     274.0,     362.2,       0.0);         ( 504972.0,
3633075.9,     285.5,     338.7,       0.0);
     ( 505022.0, 3633075.9,     303.1,     338.1,       0.0);         ( 505072.0,

3633075.9,     311.9,     337.0,       0.0);
     ( 505122.0, 3633075.9,     299.4,     338.7,       0.0);         ( 505172.0,
3633075.9,     275.2,     363.3,       0.0);
     ( 505222.0, 3633075.9,     255.3,     363.3,       0.0);         ( 502222.0,
3633125.9,     105.9,     105.9,       0.0);
     ( 502272.0, 3633125.9,     106.5,     106.5,       0.0);         ( 502322.0,
3633125.9,     106.7,     106.7,       0.0);
     ( 502372.0, 3633125.9,     106.9,     106.9,       0.0);         ( 502422.0,
3633125.9,     107.4,     107.4,       0.0);
     ( 502472.0, 3633125.9,     107.3,     169.3,       0.0);         ( 502522.0,
3633125.9,     107.7,     318.9,       0.0);
     ( 502572.0, 3633125.9,     108.1,     318.9,       0.0);         ( 502622.0,
3633125.9,     108.6,     318.9,       0.0);
     ( 502672.0, 3633125.9,     109.6,     318.9,       0.0);         ( 502722.0,
3633125.9,     110.1,     329.3,       0.0);
     ( 502772.0, 3633125.9,     111.7,     329.9,       0.0);         ( 502822.0,
3633125.9,     112.6,     335.8,       0.0);
     ( 502872.0, 3633125.9,     115.2,     336.5,       0.0);         ( 502922.0,
3633125.9,     116.4,     337.2,       0.0);
     ( 502972.0, 3633125.9,     119.2,     337.5,       0.0);         ( 503022.0,
3633125.9,     120.9,     338.6,       0.0);
     ( 503072.0, 3633125.9,     119.7,     338.6,       0.0);         ( 503122.0,
3633125.9,     118.6,     363.3,       0.0);
     ( 503172.0, 3633125.9,     117.4,     363.3,       0.0);         ( 503222.0,
3633125.9,     116.9,     363.3,       0.0);
     ( 503272.0, 3633125.9,     117.8,     363.3,       0.0);         ( 503322.0,
3633125.9,     118.4,     363.3,       0.0);
     ( 503372.0, 3633125.9,     121.5,     363.3,       0.0);         ( 503422.0,
3633125.9,     126.8,     363.3,       0.0);
     ( 503472.0, 3633125.9,     127.1,     363.3,       0.0);         ( 503622.0,
3633125.9,     141.3,     363.3,       0.0);
     ( 503672.0, 3633125.9,     147.8,     363.3,       0.0);         ( 503722.0,
3633125.9,     151.9,     363.3,       0.0);
     ( 503772.0, 3633125.9,     173.5,     363.3,       0.0);         ( 503822.0,
3633125.9,     195.8,     338.6,       0.0);
     ( 503872.0, 3633125.9,     215.7,     335.8,       0.0);         ( 503922.0,
3633125.9,     221.0,     335.8,       0.0);
     ( 503972.0, 3633125.9,     223.1,     336.5,       0.0);         ( 504022.0,
3633125.9,     240.2,     328.1,       0.0);
     ( 504072.0, 3633125.9,     243.6,     329.3,       0.0);         ( 504122.0,
3633125.9,     244.4,     329.9,       0.0);
     ( 504172.0, 3633125.9,     246.0,     335.8,       0.0);         ( 504222.0,
3633125.9,     247.2,     336.5,       0.0);
     ( 504272.0, 3633125.9,     246.4,     337.5,       0.0);         ( 504322.0,
3633125.9,     248.9,     337.5,       0.0);
     ( 504372.0, 3633125.9,     254.3,     337.5,       0.0);         ( 504422.0,
3633125.9,     258.3,     337.5,       0.0);
     ( 504472.0, 3633125.9,     275.0,     335.8,       0.0);         ( 504522.0,
3633125.9,     295.1,     318.9,       0.0);
     ( 504572.0, 3633125.9,     312.2,     318.9,       0.0);         ( 504622.0,

3633125.9,     315.9,     318.9,       0.0);
     ( 504672.0, 3633125.9,     311.2,     318.9,       0.0);         ( 504722.0,
3633125.9,     308.9,     318.3,       0.0);
     ( 504772.0, 3633125.9,     301.1,     334.2,       0.0);         ( 504822.0,
3633125.9,     291.8,     337.8,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 504872.0, 3633125.9,     273.5,     338.7,       0.0);         ( 504922.0,
3633125.9,     252.5,     363.3,       0.0);
     ( 504972.0, 3633125.9,     263.1,     363.3,       0.0);         ( 505022.0,
3633125.9,     285.6,     338.7,       0.0);
     ( 505072.0, 3633125.9,     308.2,     337.0,       0.0);         ( 505122.0,
3633125.9,     295.4,     338.7,       0.0);
     ( 505172.0, 3633125.9,     272.3,     363.3,       0.0);         ( 505222.0,
3633125.9,     249.6,     363.3,       0.0);
     ( 502222.0, 3633175.9,     105.7,     105.7,       0.0);         ( 502272.0,
3633175.9,     105.8,     105.8,       0.0);
     ( 502322.0, 3633175.9,     106.0,     106.0,       0.0);         ( 502372.0,
3633175.9,     107.2,     107.2,       0.0);
     ( 502422.0, 3633175.9,     108.0,     108.0,       0.0);         ( 502472.0,
3633175.9,     107.9,     169.3,       0.0);
     ( 502522.0, 3633175.9,     108.3,     318.9,       0.0);         ( 502572.0,
3633175.9,     108.8,     318.9,       0.0);
     ( 502622.0, 3633175.9,     109.4,     318.9,       0.0);         ( 502672.0,
3633175.9,     110.4,     318.9,       0.0);
     ( 502722.0, 3633175.9,     112.3,     318.9,       0.0);         ( 502772.0,
3633175.9,     113.5,     329.3,       0.0);
     ( 502822.0, 3633175.9,     114.8,     329.9,       0.0);         ( 502872.0,
3633175.9,     113.8,     336.5,       0.0);
     ( 502922.0, 3633175.9,     115.0,     337.2,       0.0);         ( 502972.0,
3633175.9,     115.3,     338.4,       0.0);
     ( 503022.0, 3633175.9,     116.5,     338.6,       0.0);         ( 503072.0,
3633175.9,     116.3,     360.8,       0.0);
     ( 503122.0, 3633175.9,     116.9,     363.3,       0.0);         ( 503172.0,
3633175.9,     115.9,     363.3,       0.0);
     ( 503222.0, 3633175.9,     117.0,     363.3,       0.0);         ( 503272.0,
3633175.9,     118.1,     363.3,       0.0);
     ( 503322.0, 3633175.9,     118.5,     363.3,       0.0);         ( 503372.0,
3633175.9,     121.8,     363.3,       0.0);
     ( 503422.0, 3633175.9,     126.0,     363.3,       0.0);         ( 503472.0,

3633175.9,     127.7,     363.3,       0.0);
     ( 503622.0, 3633175.9,     146.4,     363.3,       0.0);         ( 503672.0,
3633175.9,     149.1,     363.3,       0.0);
     ( 503722.0, 3633175.9,     159.8,     363.3,       0.0);         ( 503772.0,
3633175.9,     182.0,     338.7,       0.0);
     ( 503822.0, 3633175.9,     202.9,     337.2,       0.0);         ( 503872.0,
3633175.9,     219.0,     329.9,       0.0);
     ( 503922.0, 3633175.9,     219.4,     335.8,       0.0);         ( 503972.0,
3633175.9,     221.7,     336.5,       0.0);
     ( 504022.0, 3633175.9,     238.8,     328.1,       0.0);         ( 504072.0,
3633175.9,     239.8,     329.3,       0.0);
     ( 504122.0, 3633175.9,     236.5,     336.5,       0.0);         ( 504172.0,
3633175.9,     231.6,     338.4,       0.0);
     ( 504222.0, 3633175.9,     235.1,     338.4,       0.0);         ( 504272.0,
3633175.9,     238.0,     338.6,       0.0);
     ( 504322.0, 3633175.9,     240.9,     338.6,       0.0);         ( 504372.0,
3633175.9,     235.6,     338.7,       0.0);
     ( 504422.0, 3633175.9,     247.7,     338.6,       0.0);         ( 504472.0,
3633175.9,     268.1,     336.5,       0.0);
     ( 504522.0, 3633175.9,     291.4,     318.9,       0.0);         ( 504572.0,
3633175.9,     307.5,     318.9,       0.0);
     ( 504622.0, 3633175.9,     301.2,     318.9,       0.0);         ( 504672.0,
3633175.9,     290.2,     334.2,       0.0);
     ( 504722.0, 3633175.9,     287.6,     336.5,       0.0);         ( 504772.0,
3633175.9,     283.6,     337.8,       0.0);
     ( 504822.0, 3633175.9,     278.8,     338.7,       0.0);         ( 504872.0,
3633175.9,     260.7,     362.2,       0.0);
     ( 504922.0, 3633175.9,     237.8,     363.3,       0.0);         ( 504972.0,
3633175.9,     255.4,     363.3,       0.0);
     ( 505022.0, 3633175.9,     283.1,     338.7,       0.0);         ( 505072.0,
3633175.9,     297.9,     338.0,       0.0);
     ( 505122.0, 3633175.9,     287.4,     338.7,       0.0);         ( 505172.0,
3633175.9,     269.0,     363.3,       0.0);
     ( 505222.0, 3633175.9,     250.2,     363.3,       0.0);         ( 502222.0,
3633225.9,     105.8,     105.8,       0.0);
     ( 502272.0, 3633225.9,     106.3,     106.3,       0.0);         ( 502322.0,
3633225.9,     106.3,     106.3,       0.0);
     ( 502372.0, 3633225.9,     107.7,     107.7,       0.0);         ( 502422.0,
3633225.9,     108.2,     108.2,       0.0);
     ( 502472.0, 3633225.9,     107.6,     107.6,       0.0);         ( 502522.0,
3633225.9,     108.2,     318.9,       0.0);
     ( 502572.0, 3633225.9,     108.6,     318.9,       0.0);         ( 502622.0,
3633225.9,     109.4,     318.9,       0.0);
     ( 502672.0, 3633225.9,     110.3,     318.9,       0.0);         ( 502722.0,
3633225.9,     112.5,     318.9,       0.0);
     ( 502772.0, 3633225.9,     112.7,     329.3,       0.0);         ( 502822.0,
3633225.9,     113.9,     329.9,       0.0);
     ( 502872.0, 3633225.9,     114.3,     336.5,       0.0);         ( 502922.0,
3633225.9,     114.2,     337.2,       0.0);
     ( 502972.0, 3633225.9,     114.1,     338.6,       0.0);         ( 503022.0,

3633225.9,  114.8,  338.6,  0.0);
( 503072.0, 3633225.9,  114.8,  360.8,  0.0);  ( 503122.0, 3633225.9,  114.5,  363.3,  0.0);
( 503172.0, 3633225.9,  115.3,  363.3,  0.0);  ( 503222.0, 3633225.9,  116.5,  363.3,  0.0);
( 503272.0, 3633225.9,  117.5,  363.3,  0.0);  ( 503322.0, 3633225.9,  119.2,  363.3,  0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503372.0, 3633225.9,  123.2,  363.3,  0.0);  ( 503422.0, 3633225.9,  125.7,  363.3,  0.0);
( 503472.0, 3633225.9,  129.2,  363.3,  0.0);  ( 503622.0, 3633225.9,  146.1,  363.3,  0.0);
( 503672.0, 3633225.9,  151.9,  363.3,  0.0);  ( 503722.0, 3633225.9,  165.6,  363.3,  0.0);
( 503772.0, 3633225.9,  183.5,  338.7,  0.0);  ( 503822.0, 3633225.9,  207.5,  336.5,  0.0);
( 503872.0, 3633225.9,  216.3,  333.3,  0.0);  ( 503922.0, 3633225.9,  219.3,  335.8,  0.0);
( 503972.0, 3633225.9,  219.8,  336.5,  0.0);  ( 504022.0, 3633225.9,  225.4,  336.5,  0.0);
( 504072.0, 3633225.9,  225.0,  337.2,  0.0);  ( 504122.0, 3633225.9,  221.0,  338.6,  0.0);
( 504172.0, 3633225.9,  219.4,  338.7,  0.0);  ( 504222.0, 3633225.9,  232.5,  338.6,  0.0);
( 504272.0, 3633225.9,  234.6,  338.6,  0.0);  ( 504322.0, 3633225.9,  226.7,  338.7,  0.0);
( 504372.0, 3633225.9,  222.8,  363.3,  0.0);  ( 504422.0, 3633225.9,  237.8,  338.7,  0.0);
( 504472.0, 3633225.9,  255.9,  337.8,  0.0);  ( 504522.0, 3633225.9,  276.0,  333.6,  0.0);
( 504572.0, 3633225.9,  286.0,  318.9,  0.0);  ( 504622.0, 3633225.9,  279.0,  336.5,  0.0);
( 504672.0, 3633225.9,  264.0,  338.7,  0.0);  ( 504722.0, 3633225.9,  259.5,  338.7,  0.0);
( 504772.0, 3633225.9,  262.6,  338.7,  0.0);  ( 504822.0, 3633225.9,  251.0,  363.3,  0.0);
( 504872.0, 3633225.9,  243.8,  363.3,  0.0);  ( 504922.0, 3633225.9,  228.8,  363.3,  0.0);
( 504972.0, 3633225.9,  243.7,  363.3,  0.0);  ( 505022.0,

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3633225.9,     264.9,     362.2,       0.0);
     ( 505072.0, 3633225.9,     271.1,     338.7,       0.0);         ( 505122.0,
3633225.9,     272.2,     352.4,       0.0);
     ( 505172.0, 3633225.9,     273.7,     352.4,       0.0);         ( 505222.0,
3633225.9,     256.1,     363.3,       0.0);
     ( 502222.0, 3633275.9,     105.6,     105.6,       0.0);         ( 502272.0,
3633275.9,     106.0,     106.0,       0.0);
     ( 502322.0, 3633275.9,     107.0,     107.0,       0.0);         ( 502372.0,
3633275.9,     107.7,     107.7,       0.0);
     ( 502422.0, 3633275.9,     107.8,     107.8,       0.0);         ( 502472.0,
3633275.9,     108.1,     108.1,       0.0);
     ( 502522.0, 3633275.9,     108.5,     318.9,       0.0);         ( 502572.0,
3633275.9,     108.8,     318.9,       0.0);
     ( 502622.0, 3633275.9,     109.7,     318.9,       0.0);         ( 502672.0,
3633275.9,     110.3,     318.9,       0.0);
     ( 502722.0, 3633275.9,     111.0,     318.9,       0.0);         ( 502772.0,
3633275.9,     112.7,     329.3,       0.0);
     ( 502822.0, 3633275.9,     116.4,     329.3,       0.0);         ( 502872.0,
3633275.9,     114.3,     335.8,       0.0);
     ( 502922.0, 3633275.9,     113.5,     337.2,       0.0);         ( 502972.0,
3633275.9,     113.5,     338.4,       0.0);
     ( 503022.0, 3633275.9,     114.3,     338.6,       0.0);         ( 503072.0,
3633275.9,     114.0,     338.7,       0.0);
     ( 503122.0, 3633275.9,     113.5,     363.3,       0.0);         ( 503172.0,
3633275.9,     114.0,     363.3,       0.0);
     ( 503222.0, 3633275.9,     115.4,     363.3,       0.0);         ( 503272.0,
3633275.9,     118.3,     363.3,       0.0);
     ( 503322.0, 3633275.9,     119.3,     363.3,       0.0);         ( 503372.0,
3633275.9,     122.8,     363.3,       0.0);
     ( 503422.0, 3633275.9,     126.2,     363.3,       0.0);         ( 503472.0,
3633275.9,     147.4,     362.2,       0.0);
     ( 503622.0, 3633275.9,     151.0,     363.3,       0.0);         ( 503672.0,
3633275.9,     156.6,     363.3,       0.0);
     ( 503722.0, 3633275.9,     172.1,     360.8,       0.0);         ( 503772.0,
3633275.9,     190.1,     338.4,       0.0);
     ( 503822.0, 3633275.9,     212.1,     329.9,       0.0);         ( 503872.0,
3633275.9,     215.9,     329.9,       0.0);
     ( 503922.0, 3633275.9,     212.6,     336.5,       0.0);         ( 503972.0,
3633275.9,     202.9,     338.6,       0.0);
     ( 504022.0, 3633275.9,     205.9,     338.7,       0.0);         ( 504072.0,
3633275.9,     210.8,     338.7,       0.0);
     ( 504122.0, 3633275.9,     205.6,     360.8,       0.0);         ( 504172.0,
3633275.9,     212.9,     338.7,       0.0);
     ( 504222.0, 3633275.9,     224.2,     338.7,       0.0);         ( 504272.0,
3633275.9,     225.0,     338.7,       0.0);
     ( 504322.0, 3633275.9,     213.8,     363.3,       0.0);         ( 504372.0,
3633275.9,     206.8,     363.3,       0.0);
     ( 504422.0, 3633275.9,     220.8,     363.3,       0.0);         ( 504472.0,
3633275.9,     239.2,     338.7,       0.0);
     ( 504522.0, 3633275.9,     256.8,     337.8,       0.0);         ( 504572.0,
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3633275.9,     262.4,     337.8,       0.0);
     ( 504622.0, 3633275.9,     253.7,     338.7,       0.0);         ( 504672.0,
3633275.9,     240.9,     362.2,       0.0);
     ( 504722.0, 3633275.9,     242.2,     363.3,       0.0);         ( 504772.0,
3633275.9,     259.1,     338.7,       0.0);
     ( 504822.0, 3633275.9,     244.7,     363.3,       0.0);         ( 504872.0,
3633275.9,     229.5,     363.3,       0.0);
     ( 504922.0, 3633275.9,     218.0,     363.3,       0.0);         ( 504972.0,
3633275.9,     228.2,     363.3,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     ( 505022.0, 3633275.9,     241.2,     363.3,       0.0);         ( 505072.0,
3633275.9,     243.4,     363.3,       0.0);
     ( 505122.0, 3633275.9,     250.5,     363.3,       0.0);         ( 505172.0,
3633275.9,     268.6,     352.4,       0.0);
     ( 505222.0, 3633275.9,     256.1,     363.3,       0.0);         ( 502222.0,
3633325.9,     105.7,     105.7,       0.0);
     ( 502272.0, 3633325.9,     106.3,     106.3,       0.0);         ( 502322.0,
3633325.9,     107.0,     107.0,       0.0);
     ( 502372.0, 3633325.9,     107.4,     107.4,       0.0);         ( 502422.0,
3633325.9,     107.7,     107.7,       0.0);
     ( 502472.0, 3633325.9,     107.6,     107.6,       0.0);         ( 502522.0,
3633325.9,     108.3,     318.9,       0.0);
     ( 502572.0, 3633325.9,     108.8,     318.9,       0.0);         ( 502622.0,
3633325.9,     109.5,     318.9,       0.0);
     ( 502672.0, 3633325.9,     110.2,     318.9,       0.0);         ( 502722.0,
3633325.9,     110.9,     318.9,       0.0);
     ( 502772.0, 3633325.9,     113.2,     328.1,       0.0);         ( 502822.0,
3633325.9,     113.9,     329.9,       0.0);
     ( 502872.0, 3633325.9,     112.5,     336.5,       0.0);         ( 502922.0,
3633325.9,     112.7,     337.2,       0.0);
     ( 502972.0, 3633325.9,     113.1,     338.4,       0.0);         ( 503022.0,
3633325.9,     113.4,     338.6,       0.0);
     ( 503072.0, 3633325.9,     113.1,     338.7,       0.0);         ( 503122.0,
3633325.9,     112.8,     362.2,       0.0);
     ( 503172.0, 3633325.9,     113.0,     363.3,       0.0);         ( 503222.0,
3633325.9,     113.6,     363.3,       0.0);
     ( 503272.0, 3633325.9,     118.6,     363.3,       0.0);         ( 503322.0,
3633325.9,     119.8,     363.3,       0.0);
     ( 503372.0, 3633325.9,     123.5,     363.3,       0.0);         ( 503422.0,

3633325.9,     135.8,     363.3,       0.0);
     ( 503472.0, 3633325.9,     157.7,     338.6,       0.0);         ( 503622.0,
3633325.9,     156.3,     363.3,       0.0);
     ( 503672.0, 3633325.9,     162.7,     362.2,       0.0);         ( 503722.0,
3633325.9,     181.6,     338.6,       0.0);
     ( 503772.0, 3633325.9,     192.6,     337.2,       0.0);         ( 503822.0,
3633325.9,     207.5,     333.6,       0.0);
     ( 503872.0, 3633325.9,     212.5,     333.6,       0.0);         ( 503922.0,
3633325.9,     198.5,     338.6,       0.0);
     ( 503972.0, 3633325.9,     186.0,     362.2,       0.0);         ( 504022.0,
3633325.9,     190.6,     362.2,       0.0);
     ( 504072.0, 3633325.9,     197.6,     360.8,       0.0);         ( 504122.0,
3633325.9,     191.2,     363.3,       0.0);
     ( 504172.0, 3633325.9,     205.1,     360.8,       0.0);         ( 504222.0,
3633325.9,     217.2,     338.7,       0.0);
     ( 504272.0, 3633325.9,     211.8,     362.2,       0.0);         ( 504322.0,
3633325.9,     197.3,     363.3,       0.0);
     ( 504372.0, 3633325.9,     193.0,     363.3,       0.0);         ( 504422.0,
3633325.9,     206.7,     363.3,       0.0);
     ( 504472.0, 3633325.9,     224.0,     362.2,       0.0);         ( 504522.0,
3633325.9,     239.8,     338.7,       0.0);
     ( 504572.0, 3633325.9,     240.9,     338.7,       0.0);         ( 504622.0,
3633325.9,     232.9,     363.3,       0.0);
     ( 504672.0, 3633325.9,     222.1,     363.3,       0.0);         ( 504722.0,
3633325.9,     227.6,     363.3,       0.0);
     ( 504772.0, 3633325.9,     244.2,     362.2,       0.0);         ( 504822.0,
3633325.9,     239.5,     363.3,       0.0);
     ( 504872.0, 3633325.9,     215.9,     363.3,       0.0);         ( 504922.0,
3633325.9,     206.4,     363.3,       0.0);
     ( 504972.0, 3633325.9,     213.4,     363.3,       0.0);         ( 505022.0,
3633325.9,     219.5,     363.3,       0.0);
     ( 505072.0, 3633325.9,     220.5,     363.3,       0.0);         ( 505122.0,
3633325.9,     240.8,     363.3,       0.0);
     ( 505172.0, 3633325.9,     258.5,     362.2,       0.0);         ( 505222.0,
3633325.9,     244.6,     363.3,       0.0);
     ( 502222.0, 3633375.9,     106.2,     106.2,       0.0);         ( 502272.0,
3633375.9,     106.5,     106.5,       0.0);
     ( 502322.0, 3633375.9,     106.7,     106.7,       0.0);         ( 502372.0,
3633375.9,     107.0,     107.0,       0.0);
     ( 502422.0, 3633375.9,     107.3,     107.3,       0.0);         ( 502472.0,
3633375.9,     107.6,     107.6,       0.0);
     ( 502522.0, 3633375.9,     108.1,     317.2,       0.0);         ( 502572.0,
3633375.9,     108.7,     318.9,       0.0);
     ( 502622.0, 3633375.9,     109.3,     318.9,       0.0);         ( 502672.0,
3633375.9,     109.9,     318.9,       0.0);
     ( 502722.0, 3633375.9,     110.6,     318.9,       0.0);         ( 502772.0,
3633375.9,     111.3,     329.3,       0.0);
     ( 502822.0, 3633375.9,     111.8,     329.9,       0.0);         ( 502872.0,
3633375.9,     111.8,     336.5,       0.0);
     ( 502922.0, 3633375.9,     112.1,     337.2,       0.0);         ( 502972.0,

3633375.9,     112.4,     338.4,       0.0);
     ( 503022.0, 3633375.9,     112.7,     338.6,       0.0);         ( 503072.0,
3633375.9,     112.5,     338.7,       0.0);
     ( 503122.0, 3633375.9,     112.3,     360.8,       0.0);         ( 503172.0,
3633375.9,     112.4,     363.3,       0.0);
     ( 503222.0, 3633375.9,     113.1,     363.3,       0.0);         ( 503272.0,
3633375.9,     113.5,     363.3,       0.0);
     ( 503322.0, 3633375.9,     116.2,     363.3,       0.0);         ( 503372.0,
3633375.9,     123.1,     363.3,       0.0);
     ( 503422.0, 3633375.9,     143.3,     338.7,       0.0);         ( 503472.0,
3633375.9,     146.7,     338.7,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 503622.0, 3633375.9,     152.7,     363.3,       0.0);         ( 503672.0,
3633375.9,     161.6,     360.8,       0.0);
     ( 503722.0, 3633375.9,     176.8,     338.6,       0.0);         ( 503772.0,
3633375.9,     184.3,     338.6,       0.0);
     ( 503822.0, 3633375.9,     185.9,     338.6,       0.0);         ( 503872.0,
3633375.9,     194.3,     338.6,       0.0);
     ( 503922.0, 3633375.9,     183.8,     360.8,       0.0);         ( 503972.0,
3633375.9,     173.1,     363.3,       0.0);
     ( 504022.0, 3633375.9,     179.6,     363.3,       0.0);         ( 504072.0,
3633375.9,     186.6,     363.3,       0.0);
     ( 504122.0, 3633375.9,     180.4,     363.3,       0.0);         ( 504172.0,
3633375.9,     198.7,     363.3,       0.0);
     ( 504222.0, 3633375.9,     202.8,     362.2,       0.0);         ( 504272.0,
3633375.9,     192.8,     363.3,       0.0);
     ( 504322.0, 3633375.9,     182.1,     363.3,       0.0);         ( 504372.0,
3633375.9,     180.2,     363.3,       0.0);
     ( 504422.0, 3633375.9,     195.5,     363.3,       0.0);         ( 504472.0,
3633375.9,     213.4,     363.3,       0.0);
     ( 504522.0, 3633375.9,     227.7,     360.8,       0.0);         ( 504572.0,
3633375.9,     223.4,     363.3,       0.0);
     ( 504622.0, 3633375.9,     215.6,     363.3,       0.0);         ( 504672.0,
3633375.9,     205.4,     363.3,       0.0);
     ( 504722.0, 3633375.9,     215.3,     363.3,       0.0);         ( 504772.0,
3633375.9,     230.3,     363.3,       0.0);
     ( 504822.0, 3633375.9,     223.0,     363.3,       0.0);         ( 504872.0,
3633375.9,     199.1,     363.3,       0.0);
     ( 504922.0, 3633375.9,     196.3,     363.3,       0.0);         ( 504972.0,

3633375.9,     199.2,     363.3,       0.0);
     ( 505022.0, 3633375.9,     203.7,     363.3,       0.0);         ( 505072.0,
3633375.9,     216.9,     363.3,       0.0);
     ( 505122.0, 3633375.9,     237.4,     363.3,       0.0);         ( 505172.0,
3633375.9,     247.7,     363.3,       0.0);
     ( 505222.0, 3633375.9,     230.3,     363.3,       0.0);         ( 502222.0,
3633425.9,     105.7,     105.7,       0.0);
     ( 502272.0, 3633425.9,     105.6,     105.6,       0.0);         ( 502322.0,
3633425.9,     105.5,     105.5,       0.0);
     ( 502372.0, 3633425.9,     105.7,     105.7,       0.0);         ( 502422.0,
3633425.9,     106.3,     106.3,       0.0);
     ( 502472.0, 3633425.9,     108.2,     108.2,       0.0);         ( 502522.0,
3633425.9,     108.4,     108.4,       0.0);
     ( 502572.0, 3633425.9,     108.6,     318.9,       0.0);         ( 502622.0,
3633425.9,     109.1,     318.9,       0.0);
     ( 502672.0, 3633425.9,     109.2,     318.9,       0.0);         ( 502722.0,
3633425.9,     109.5,     318.9,       0.0);
     ( 502772.0, 3633425.9,     110.0,     329.3,       0.0);         ( 502822.0,
3633425.9,     110.3,     329.9,       0.0);
     ( 502872.0, 3633425.9,     110.7,     335.8,       0.0);         ( 502922.0,
3633425.9,     111.5,     337.2,       0.0);
     ( 502972.0, 3633425.9,     111.8,     337.5,       0.0);         ( 503022.0,
3633425.9,     111.7,     338.6,       0.0);
     ( 503072.0, 3633425.9,     112.0,     338.7,       0.0);         ( 503122.0,
3633425.9,     111.4,     360.8,       0.0);
     ( 503172.0, 3633425.9,     111.9,     362.2,       0.0);         ( 503222.0,
3633425.9,     112.5,     363.3,       0.0);
     ( 503272.0, 3633425.9,     113.1,     363.3,       0.0);         ( 503322.0,
3633425.9,     116.2,     363.3,       0.0);
     ( 503372.0, 3633425.9,     127.9,     363.3,       0.0);         ( 503422.0,
3633425.9,     139.1,     357.4,       0.0);
     ( 503472.0, 3633425.9,     139.7,     362.2,       0.0);         ( 503622.0,
3633425.9,     142.9,     363.3,       0.0);
     ( 503672.0, 3633425.9,     153.2,     363.3,       0.0);         ( 503722.0,
3633425.9,     168.2,     338.7,       0.0);
     ( 503772.0, 3633425.9,     175.9,     338.7,       0.0);         ( 503822.0,
3633425.9,     176.7,     338.7,       0.0);
     ( 503872.0, 3633425.9,     177.4,     357.4,       0.0);         ( 503922.0,
3633425.9,     167.5,     363.3,       0.0);
     ( 503972.0, 3633425.9,     165.3,     363.3,       0.0);         ( 504022.0,
3633425.9,     171.6,     363.3,       0.0);
     ( 504072.0, 3633425.9,     176.2,     363.3,       0.0);         ( 504122.0,
3633425.9,     171.0,     363.3,       0.0);
     ( 504172.0, 3633425.9,     183.2,     363.3,       0.0);         ( 504222.0,
3633425.9,     181.1,     363.3,       0.0);
     ( 504272.0, 3633425.9,     172.6,     363.3,       0.0);         ( 504322.0,
3633425.9,     165.3,     363.3,       0.0);
     ( 504372.0, 3633425.9,     173.4,     363.3,       0.0);         ( 504422.0,
3633425.9,     187.2,     363.3,       0.0);
     ( 504472.0, 3633425.9,     202.2,     363.3,       0.0);         ( 504522.0,

3633425.9,     215.1,     363.3,       0.0);
     ( 504572.0, 3633425.9,     209.1,     363.3,       0.0);         ( 504622.0,
3633425.9,     198.7,     363.3,       0.0);
     ( 504672.0, 3633425.9,     194.4,     363.3,       0.0);         ( 504722.0,
3633425.9,     196.7,     363.3,       0.0);
     ( 504772.0, 3633425.9,     205.7,     363.3,       0.0);         ( 504822.0,
3633425.9,     208.8,     363.3,       0.0);
     ( 504872.0, 3633425.9,     188.5,     363.3,       0.0);         ( 504922.0,
3633425.9,     189.9,     363.3,       0.0);
     ( 504972.0, 3633425.9,     194.7,     363.3,       0.0);         ( 505022.0,
3633425.9,     212.1,     363.3,       0.0);
     ( 505072.0, 3633425.9,     227.3,     363.3,       0.0);         ( 505122.0,
3633425.9,     237.2,     363.3,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

     ( 505172.0, 3633425.9,     236.2,     363.3,       0.0);         ( 505222.0,
3633425.9,     217.1,     363.3,       0.0);
     ( 502222.0, 3633475.9,     105.4,     105.4,       0.0);         ( 502272.0,
3633475.9,     105.2,     105.2,       0.0);
     ( 502322.0, 3633475.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633475.9,     105.6,     105.6,       0.0);
     ( 502422.0, 3633475.9,     106.2,     106.2,       0.0);         ( 502472.0,
3633475.9,     108.5,     108.5,       0.0);
     ( 502522.0, 3633475.9,     107.8,     107.8,       0.0);         ( 502572.0,
3633475.9,     107.9,     318.9,       0.0);
     ( 502622.0, 3633475.9,     108.6,     318.9,       0.0);         ( 502672.0,
3633475.9,     108.6,     318.9,       0.0);
     ( 504772.0, 3633475.9,     181.2,     363.3,       0.0);         ( 504822.0,
3633475.9,     180.3,     363.3,       0.0);
     ( 504872.0, 3633475.9,     180.9,     363.3,       0.0);         ( 504922.0,
3633475.9,     181.3,     363.3,       0.0);
     ( 504972.0, 3633475.9,     191.1,     363.3,       0.0);         ( 505022.0,
3633475.9,     211.9,     363.3,       0.0);
     ( 505072.0, 3633475.9,     224.4,     363.3,       0.0);         ( 505122.0,
3633475.9,     229.5,     363.3,       0.0);
     ( 505172.0, 3633475.9,     228.6,     363.3,       0.0);         ( 505222.0,
3633475.9,     213.1,     363.3,       0.0);
     ( 502222.0, 3633525.9,     105.9,     114.0,       0.0);         ( 502272.0,
3633525.9,     105.6,     105.6,       0.0);
     ( 502322.0, 3633525.9,     105.4,     105.4,       0.0);         ( 502372.0,

3633525.9,     106.3,     106.3,       0.0);
     ( 502422.0, 3633525.9,     107.3,     107.3,       0.0);         ( 502472.0,
3633525.9,     108.8,     108.8,       0.0);
     ( 502522.0, 3633525.9,     107.4,     107.4,       0.0);         ( 502572.0,
3633525.9,     106.3,     318.9,       0.0);
     ( 502622.0, 3633525.9,     107.0,     318.9,       0.0);         ( 502672.0,
3633525.9,     107.3,     318.9,       0.0);
     ( 504772.0, 3633525.9,     178.5,     363.3,       0.0);         ( 504822.0,
3633525.9,     180.3,     363.3,       0.0);
     ( 504872.0, 3633525.9,     180.7,     363.3,       0.0);         ( 504922.0,
3633525.9,     180.2,     363.3,       0.0);
     ( 504972.0, 3633525.9,     180.3,     363.3,       0.0);         ( 505022.0,
3633525.9,     192.2,     363.3,       0.0);
     ( 505072.0, 3633525.9,     209.7,     363.3,       0.0);         ( 505122.0,
3633525.9,     223.2,     363.3,       0.0);
     ( 505172.0, 3633525.9,     221.7,     363.3,       0.0);         ( 505222.0,
3633525.9,     210.8,     363.3,       0.0);
     ( 502222.0, 3633575.9,     108.1,     114.0,       0.0);         ( 502272.0,
3633575.9,     105.6,     105.6,       0.0);
     ( 502322.0, 3633575.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633575.9,     106.4,     106.4,       0.0);
     ( 502422.0, 3633575.9,     106.9,     106.9,       0.0);         ( 502472.0,
3633575.9,     106.7,     106.7,       0.0);
     ( 502522.0, 3633575.9,     106.3,     106.3,       0.0);         ( 502572.0,
3633575.9,     106.2,     318.9,       0.0);
     ( 502622.0, 3633575.9,     106.4,     318.9,       0.0);         ( 502672.0,
3633575.9,     106.6,     318.9,       0.0);
     ( 504772.0, 3633575.9,     178.5,     363.3,       0.0);         ( 504822.0,
3633575.9,     178.7,     363.3,       0.0);
     ( 504872.0, 3633575.9,     178.0,     363.3,       0.0);         ( 504922.0,
3633575.9,     180.1,     363.3,       0.0);
     ( 504972.0, 3633575.9,     177.2,     363.3,       0.0);         ( 505022.0,
3633575.9,     180.2,     363.3,       0.0);
     ( 505072.0, 3633575.9,     194.3,     363.3,       0.0);         ( 505122.0,
3633575.9,     211.0,     363.3,       0.0);
     ( 505172.0, 3633575.9,     212.3,     363.3,       0.0);         ( 505222.0,
3633575.9,     200.4,     363.3,       0.0);
     ( 502222.0, 3633625.9,     109.6,     109.6,       0.0);         ( 502272.0,
3633625.9,     105.2,     113.5,       0.0);
     ( 502322.0, 3633625.9,     105.8,     105.8,       0.0);         ( 502372.0,
3633625.9,     106.3,     106.3,       0.0);
     ( 502422.0, 3633625.9,     107.2,     107.2,       0.0);         ( 502472.0,
3633625.9,     106.2,     106.2,       0.0);
     ( 502522.0, 3633625.9,     107.2,     107.2,       0.0);         ( 502572.0,
3633625.9,     107.2,     318.9,       0.0);
     ( 502622.0, 3633625.9,     107.3,     318.9,       0.0);         ( 502672.0,
3633625.9,     107.0,     318.9,       0.0);
     ( 504772.0, 3633625.9,     178.3,     363.3,       0.0);         ( 504822.0,
3633625.9,     171.8,     363.3,       0.0);
     ( 504872.0, 3633625.9,     175.1,     363.3,       0.0);         ( 504922.0,

3633625.9,     176.0,     363.3,       0.0);
     ( 504972.0, 3633625.9,     173.2,     363.3,       0.0);         ( 505022.0,
3633625.9,     174.4,     363.3,       0.0);
     ( 505072.0, 3633625.9,     187.1,     363.3,       0.0);         ( 505122.0,
3633625.9,     199.3,     363.3,       0.0);
     ( 505172.0, 3633625.9,     203.5,     363.3,       0.0);         ( 505222.0,
3633625.9,     192.7,     363.3,       0.0);
     ( 502222.0, 3633675.9,     107.5,     113.5,       0.0);         ( 502272.0,
3633675.9,     104.8,     113.5,       0.0);
     ( 502322.0, 3633675.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633675.9,     105.3,     105.3,       0.0);
     ( 502422.0, 3633675.9,     106.6,     106.6,       0.0);         ( 502472.0,
3633675.9,     106.7,     106.7,       0.0);
     ( 502522.0, 3633675.9,     107.3,     107.3,       0.0);         ( 502572.0,
3633675.9,     107.3,     317.2,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 502622.0, 3633675.9,     107.1,     318.9,       0.0);         ( 502672.0,
3633675.9,     106.9,     318.9,       0.0);
     ( 504772.0, 3633675.9,     171.2,     363.3,       0.0);         ( 504822.0,
3633675.9,     169.1,     363.3,       0.0);
     ( 504872.0, 3633675.9,     168.2,     363.3,       0.0);         ( 504922.0,
3633675.9,     167.7,     363.3,       0.0);
     ( 504972.0, 3633675.9,     167.9,     363.3,       0.0);         ( 505022.0,
3633675.9,     170.2,     363.3,       0.0);
     ( 505072.0, 3633675.9,     182.5,     363.3,       0.0);         ( 505122.0,
3633675.9,     197.3,     363.3,       0.0);
     ( 505172.0, 3633675.9,     199.4,     363.3,       0.0);         ( 505222.0,
3633675.9,     189.7,     363.3,       0.0);
     ( 502222.0, 3633725.9,     106.3,     106.3,       0.0);         ( 502272.0,
3633725.9,     104.3,     104.3,       0.0);
     ( 502322.0, 3633725.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633725.9,     105.7,     105.7,       0.0);
     ( 502422.0, 3633725.9,     106.3,     106.3,       0.0);         ( 502472.0,
3633725.9,     106.7,     106.7,       0.0);
     ( 502522.0, 3633725.9,     107.1,     107.1,       0.0);         ( 502572.0,
3633725.9,     107.3,     107.3,       0.0);
     ( 502622.0, 3633725.9,     107.3,     318.9,       0.0);         ( 502672.0,
3633725.9,     106.9,     318.9,       0.0);
     ( 504772.0, 3633725.9,     159.6,     363.3,       0.0);         ( 504822.0,

3633725.9,     163.4,     363.3,       0.0);
     ( 504872.0, 3633725.9,     162.3,     363.3,       0.0);         ( 504922.0,
3633725.9,     163.6,     363.3,       0.0);
     ( 504972.0, 3633725.9,     165.7,     363.3,       0.0);         ( 505022.0,
3633725.9,     170.9,     363.3,       0.0);
     ( 505072.0, 3633725.9,     185.4,     363.3,       0.0);         ( 505122.0,
3633725.9,     198.5,     363.3,       0.0);
     ( 505172.0, 3633725.9,     194.3,     363.3,       0.0);         ( 505222.0,
3633725.9,     187.5,     363.3,       0.0);
     ( 502222.0, 3633775.9,     105.8,     105.8,       0.0);         ( 502272.0,
3633775.9,     104.0,     109.9,       0.0);
     ( 502322.0, 3633775.9,     106.3,     106.3,       0.0);         ( 502372.0,
3633775.9,     106.3,     106.3,       0.0);
     ( 502422.0, 3633775.9,     107.1,     107.1,       0.0);         ( 502472.0,
3633775.9,     106.4,     106.4,       0.0);
     ( 502522.0, 3633775.9,     106.9,     106.9,       0.0);         ( 502572.0,
3633775.9,     107.3,     107.3,       0.0);
     ( 502622.0, 3633775.9,     107.0,     318.9,       0.0);         ( 502672.0,
3633775.9,     106.7,     318.9,       0.0);
     ( 504772.0, 3633775.9,     152.1,     363.3,       0.0);         ( 504822.0,
3633775.9,     154.0,     363.3,       0.0);
     ( 504872.0, 3633775.9,     158.0,     363.3,       0.0);         ( 504922.0,
3633775.9,     164.2,     363.3,       0.0);
     ( 504972.0, 3633775.9,     166.6,     363.3,       0.0);         ( 505022.0,
3633775.9,     173.8,     363.3,       0.0);
     ( 505072.0, 3633775.9,     183.8,     363.3,       0.0);         ( 505122.0,
3633775.9,     193.9,     363.3,       0.0);
     ( 505172.0, 3633775.9,     191.9,     363.3,       0.0);         ( 505222.0,
3633775.9,     185.2,     363.3,       0.0);
     ( 502222.0, 3633825.9,     106.8,     110.0,       0.0);         ( 502272.0,
3633825.9,     104.6,     110.0,       0.0);
     ( 502322.0, 3633825.9,     105.8,     105.8,       0.0);         ( 502372.0,
3633825.9,     106.5,     106.5,       0.0);
     ( 502422.0, 3633825.9,     106.6,     106.6,       0.0);         ( 502472.0,
3633825.9,     106.4,     106.4,       0.0);
     ( 502522.0, 3633825.9,     106.7,     106.7,       0.0);         ( 502572.0,
3633825.9,     107.1,     107.1,       0.0);
     ( 502622.0, 3633825.9,     107.4,     317.2,       0.0);         ( 502672.0,
3633825.9,     107.0,     318.9,       0.0);
     ( 504772.0, 3633825.9,     148.4,     363.3,       0.0);         ( 504822.0,
3633825.9,     151.7,     363.3,       0.0);
     ( 504872.0, 3633825.9,     163.4,     363.3,       0.0);         ( 504922.0,
3633825.9,     171.6,     363.3,       0.0);
     ( 504972.0, 3633825.9,     174.5,     363.3,       0.0);         ( 505022.0,
3633825.9,     176.1,     363.3,       0.0);
     ( 505072.0, 3633825.9,     183.2,     363.3,       0.0);         ( 505122.0,
3633825.9,     193.4,     363.3,       0.0);
     ( 505172.0, 3633825.9,     189.7,     363.3,       0.0);         ( 505222.0,
3633825.9,     182.7,     363.3,       0.0);
     ( 502222.0, 3633875.9,     105.9,     105.9,       0.0);         ( 502272.0,

3633875.9,     104.6,     110.0,       0.0);
     ( 502322.0, 3633875.9,     106.4,     106.4,       0.0);         ( 502372.0,
3633875.9,     105.8,     106.6,       0.0);
     ( 502422.0, 3633875.9,     106.3,     106.3,       0.0);         ( 502472.0,
3633875.9,     105.7,     105.7,       0.0);
     ( 502522.0, 3633875.9,     106.5,     106.5,       0.0);         ( 502572.0,
3633875.9,     107.2,     107.2,       0.0);
     ( 502622.0, 3633875.9,     107.5,     107.5,       0.0);         ( 502672.0,
3633875.9,     107.0,     318.9,       0.0);
     ( 504772.0, 3633875.9,     147.3,     363.3,       0.0);         ( 504822.0,
3633875.9,     154.8,     363.3,       0.0);
     ( 504872.0, 3633875.9,     167.5,     363.3,       0.0);         ( 504922.0,
3633875.9,     174.4,     363.3,       0.0);
     ( 504972.0, 3633875.9,     179.5,     363.3,       0.0);         ( 505022.0,
3633875.9,     184.2,     363.3,       0.0);
     ( 505072.0, 3633875.9,     184.0,     363.3,       0.0);         ( 505122.0,
3633875.9,     189.3,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 505172.0, 3633875.9,     185.5,     363.3,       0.0);         ( 505222.0,
3633875.9,     180.7,     363.3,       0.0);
     ( 502222.0, 3633925.9,     105.6,     105.6,       0.0);         ( 502272.0,
3633925.9,     105.1,     105.1,       0.0);
     ( 502322.0, 3633925.9,     106.1,     106.1,       0.0);         ( 502372.0,
3633925.9,     105.2,     105.2,       0.0);
     ( 502422.0, 3633925.9,     106.5,     106.5,       0.0);         ( 502472.0,
3633925.9,     106.1,     106.1,       0.0);
     ( 502522.0, 3633925.9,     106.5,     106.5,       0.0);         ( 502572.0,
3633925.9,     107.0,     107.0,       0.0);
     ( 502622.0, 3633925.9,     107.2,     107.2,       0.0);         ( 502672.0,
3633925.9,     106.9,     318.9,       0.0);
     ( 504772.0, 3633925.9,     148.8,     363.3,       0.0);         ( 504822.0,
3633925.9,     156.1,     363.3,       0.0);
     ( 504872.0, 3633925.9,     163.4,     363.3,       0.0);         ( 504922.0,
3633925.9,     175.3,     363.3,       0.0);
     ( 504972.0, 3633925.9,     185.8,     363.3,       0.0);         ( 505022.0,
3633925.9,     187.1,     363.3,       0.0);
     ( 505072.0, 3633925.9,     187.1,     363.3,       0.0);         ( 505122.0,
3633925.9,     186.0,     363.3,       0.0);
     ( 505172.0, 3633925.9,     181.5,     363.3,       0.0);         ( 505222.0,

3633925.9,     178.0,     363.3,       0.0);
     ( 502222.0, 3633975.9,     105.9,     105.9,       0.0);         ( 502272.0,
3633975.9,     104.1,     107.5,       0.0);
     ( 502322.0, 3633975.9,     104.8,     104.8,       0.0);         ( 502372.0,
3633975.9,     105.8,     105.8,       0.0);
     ( 502422.0, 3633975.9,     106.4,     106.4,       0.0);         ( 502472.0,
3633975.9,     106.5,     106.5,       0.0);
     ( 502522.0, 3633975.9,     107.0,     107.0,       0.0);         ( 502572.0,
3633975.9,     106.9,     106.9,       0.0);
     ( 502622.0, 3633975.9,     107.2,     107.2,       0.0);         ( 502672.0,
3633975.9,     106.7,     317.2,       0.0);
     ( 504772.0, 3633975.9,     152.7,     363.3,       0.0);         ( 504822.0,
3633975.9,     156.6,     363.3,       0.0);
     ( 504872.0, 3633975.9,     160.1,     363.3,       0.0);         ( 504922.0,
3633975.9,     169.3,     363.3,       0.0);
     ( 504972.0, 3633975.9,     185.8,     363.3,       0.0);         ( 505022.0,
3633975.9,     191.5,     362.2,       0.0);
     ( 505072.0, 3633975.9,     192.0,     363.3,       0.0);         ( 505122.0,
3633975.9,     183.1,     363.3,       0.0);
     ( 505172.0, 3633975.9,     178.0,     363.3,       0.0);         ( 505222.0,
3633975.9,     175.3,     363.3,       0.0);
     ( 502222.0, 3634025.9,     105.9,     105.9,       0.0);         ( 502272.0,
3634025.9,     104.0,     104.0,       0.0);
     ( 502322.0, 3634025.9,     104.3,     104.3,       0.0);         ( 502372.0,
3634025.9,     105.3,     105.3,       0.0);
     ( 502422.0, 3634025.9,     105.7,     105.7,       0.0);         ( 502472.0,
3634025.9,     106.0,     106.0,       0.0);
     ( 502522.0, 3634025.9,     106.3,     106.3,       0.0);         ( 502572.0,
3634025.9,     106.6,     106.6,       0.0);
     ( 502622.0, 3634025.9,     107.1,     107.1,       0.0);         ( 502672.0,
3634025.9,     106.9,     106.9,       0.0);
     ( 504772.0, 3634025.9,     157.0,     363.3,       0.0);         ( 504822.0,
3634025.9,     156.3,     363.3,       0.0);
     ( 504872.0, 3634025.9,     163.9,     363.3,       0.0);         ( 504922.0,
3634025.9,     174.1,     363.3,       0.0);
     ( 504972.0, 3634025.9,     191.0,     352.4,       0.0);         ( 505022.0,
3634025.9,     195.0,     338.7,       0.0);
     ( 505072.0, 3634025.9,     193.0,     352.4,       0.0);         ( 505122.0,
3634025.9,     181.5,     363.3,       0.0);
     ( 505172.0, 3634025.9,     174.5,     363.3,       0.0);         ( 505222.0,
3634025.9,     172.4,     363.3,       0.0);
     ( 502222.0, 3634075.9,     104.3,     104.3,       0.0);         ( 502272.0,
3634075.9,     103.6,     103.6,       0.0);
     ( 502322.0, 3634075.9,     103.8,     103.8,       0.0);         ( 502372.0,
3634075.9,     104.0,     104.0,       0.0);
     ( 502422.0, 3634075.9,     103.9,     103.9,       0.0);         ( 502472.0,
3634075.9,     104.4,     104.4,       0.0);
     ( 502522.0, 3634075.9,     105.1,     105.1,       0.0);         ( 502572.0,
3634075.9,     106.4,     106.4,       0.0);
     ( 502622.0, 3634075.9,     106.7,     106.7,       0.0);         ( 502672.0,

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3634175.9,     104.5,     104.5,       0.0);
     ( 502622.0, 3634175.9,     104.6,     104.6,       0.0);         ( 502672.0,
3634175.9,     105.4,     105.4,       0.0);
     ( 504772.0, 3634175.9,     183.8,     338.7,       0.0);         ( 504822.0,
3634175.9,     187.8,     338.7,       0.0);
     ( 504872.0, 3634175.9,     190.3,     338.7,       0.0);         ( 504922.0,
3634175.9,     190.6,     338.7,       0.0);
     ( 504972.0, 3634175.9,     190.7,     338.7,       0.0);         ( 505022.0,
3634175.9,     186.9,     338.7,       0.0);
     ( 505072.0, 3634175.9,     186.2,     338.7,       0.0);         ( 505122.0,
3634175.9,     173.6,     363.3,       0.0);
     ( 505172.0, 3634175.9,     167.7,     363.3,       0.0);         ( 505222.0,
3634175.9,     162.6,     363.3,       0.0);
     ( 502222.0, 3634225.9,     100.1,     100.1,       0.0);         ( 502272.0,
3634225.9,     100.1,     100.1,       0.0);
     ( 502322.0, 3634225.9,     102.1,     102.1,       0.0);         ( 502372.0,
3634225.9,     104.7,     104.7,       0.0);
     ( 502422.0, 3634225.9,     105.3,     105.3,       0.0);         ( 502472.0,
3634225.9,     105.3,     105.3,       0.0);
     ( 502522.0, 3634225.9,     104.7,     104.7,       0.0);         ( 502572.0,
3634225.9,     104.9,     104.9,       0.0);
     ( 502622.0, 3634225.9,     104.8,     104.8,       0.0);         ( 502672.0,
3634225.9,     105.0,     105.0,       0.0);
     ( 504772.0, 3634225.9,     200.3,     336.0,       0.0);         ( 504822.0,
3634225.9,     203.1,     334.9,       0.0);
     ( 504872.0, 3634225.9,     194.0,     337.8,       0.0);         ( 504922.0,
3634225.9,     192.2,     338.0,       0.0);
     ( 504972.0, 3634225.9,     182.3,     338.7,       0.0);         ( 505022.0,
3634225.9,     182.8,     338.7,       0.0);
     ( 505072.0, 3634225.9,     183.0,     338.7,       0.0);         ( 505122.0,
3634225.9,     174.1,     352.4,       0.0);
     ( 505172.0, 3634225.9,     173.5,     360.8,       0.0);         ( 505222.0,
3634225.9,     163.5,     363.3,       0.0);
     ( 502222.0, 3634275.9,     100.1,     100.1,       0.0);         ( 502272.0,
3634275.9,     100.2,     100.2,       0.0);
     ( 502322.0, 3634275.9,     101.5,     101.5,       0.0);         ( 502372.0,
3634275.9,     104.4,     104.4,       0.0);
     ( 502422.0, 3634275.9,     104.8,     104.8,       0.0);         ( 502472.0,
3634275.9,     104.9,     104.9,       0.0);
     ( 502522.0, 3634275.9,     105.0,     105.0,       0.0);         ( 502572.0,
3634275.9,     104.9,     104.9,       0.0);
     ( 502622.0, 3634275.9,     105.2,     105.2,       0.0);         ( 502672.0,
3634275.9,     105.4,     105.4,       0.0);
     ( 504772.0, 3634275.9,     207.2,     207.2,       0.0);         ( 504822.0,
3634275.9,     203.1,     206.3,       0.0);
     ( 504872.0, 3634275.9,     194.6,     336.4,       0.0);         ( 504922.0,
3634275.9,     186.2,     338.0,       0.0);
     ( 504972.0, 3634275.9,     174.2,     338.7,       0.0);         ( 505022.0,
3634275.9,     179.5,     338.7,       0.0);
     ( 505072.0, 3634275.9,     179.7,     338.7,       0.0);         ( 505122.0,
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3634275.9,     171.7,     338.7,       0.0);
     ( 505172.0, 3634275.9,     176.0,     338.7,       0.0);         ( 505222.0,
3634275.9,     165.1,     362.2,       0.0);
     ( 502222.0, 3634325.9,     100.6,     100.6,       0.0);         ( 502272.0,
3634325.9,     101.2,     101.2,       0.0);
     ( 502322.0, 3634325.9,     101.5,     101.5,       0.0);         ( 502372.0,
3634325.9,     101.8,     104.7,       0.0);
     ( 502422.0, 3634325.9,     102.0,     105.0,       0.0);         ( 502472.0,
3634325.9,     101.9,     104.7,       0.0);
     ( 502522.0, 3634325.9,     102.0,     102.0,       0.0);         ( 502572.0,
3634325.9,     102.1,     102.1,       0.0);
     ( 502622.0, 3634325.9,     102.1,     102.1,       0.0);         ( 502672.0,
3634325.9,     102.4,     102.4,       0.0);
     ( 504772.0, 3634325.9,     200.1,     207.6,       0.0);         ( 504822.0,
3634325.9,     188.5,     336.4,       0.0);
     ( 504872.0, 3634325.9,     182.5,     337.8,       0.0);         ( 504922.0,
3634325.9,     174.3,     338.7,       0.0);
     ( 504972.0, 3634325.9,     168.4,     338.7,       0.0);         ( 505022.0,
3634325.9,     177.1,     338.7,       0.0);
     ( 505072.0, 3634325.9,     177.5,     338.7,       0.0);         ( 505122.0,
3634325.9,     167.3,     338.7,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 505172.0, 3634325.9,     171.4,     338.7,       0.0);         ( 505222.0,
3634325.9,     167.5,     338.7,       0.0);
     ( 502222.0, 3634375.9,     101.9,     104.6,       0.0);         ( 502272.0,
3634375.9,     102.4,     105.0,       0.0);
     ( 502322.0, 3634375.9,     101.7,     105.1,       0.0);         ( 502372.0,
3634375.9,     101.2,     101.2,       0.0);
     ( 502422.0, 3634375.9,     102.4,     104.7,       0.0);         ( 502472.0,
3634375.9,     103.5,     103.5,       0.0);
     ( 502522.0, 3634375.9,     105.1,     105.1,       0.0);         ( 502572.0,
3634375.9,     105.2,     105.2,       0.0);
     ( 502622.0, 3634375.9,     103.8,     103.8,       0.0);         ( 502672.0,
3634375.9,     101.8,     104.7,       0.0);
     ( 504772.0, 3634375.9,     189.8,     334.2,       0.0);         ( 504822.0,
3634375.9,     175.2,     338.0,       0.0);
     ( 504872.0, 3634375.9,     171.3,     338.7,       0.0);         ( 504922.0,
3634375.9,     165.1,     338.7,       0.0);
     ( 504972.0, 3634375.9,     164.9,     338.7,       0.0);         ( 505022.0,

3634375.9,     174.1,     338.7,       0.0);
     ( 505072.0, 3634375.9,     172.8,     338.7,       0.0);         ( 505122.0,
3634375.9,     162.3,     338.7,       0.0);
     ( 505172.0, 3634375.9,     165.2,     338.7,       0.0);         ( 505222.0,
3634375.9,     166.4,     338.7,       0.0);
     ( 502222.0, 3634425.9,     104.2,     104.2,       0.0);         ( 502272.0,
3634425.9,     105.0,     105.0,       0.0);
     ( 502322.0, 3634425.9,     105.0,     105.0,       0.0);         ( 502372.0,
3634425.9,     105.1,     105.1,       0.0);
     ( 502422.0, 3634425.9,     105.4,     105.4,       0.0);         ( 502472.0,
3634425.9,     105.2,     105.2,       0.0);
     ( 502522.0, 3634425.9,     105.5,     105.5,       0.0);         ( 502572.0,
3634425.9,     105.5,     105.5,       0.0);
     ( 502622.0, 3634425.9,     105.5,     105.5,       0.0);         ( 502672.0,
3634425.9,     105.3,     105.3,       0.0);
     ( 504772.0, 3634425.9,     185.7,     334.2,       0.0);         ( 504822.0,
3634425.9,     173.8,     337.8,       0.0);
     ( 504872.0, 3634425.9,     161.0,     338.7,       0.0);         ( 504922.0,
3634425.9,     153.6,     338.7,       0.0);
     ( 504972.0, 3634425.9,     160.4,     338.7,       0.0);         ( 505022.0,
3634425.9,     162.5,     338.7,       0.0);
     ( 505072.0, 3634425.9,     158.4,     338.7,       0.0);         ( 505122.0,
3634425.9,     156.3,     338.7,       0.0);
     ( 505172.0, 3634425.9,     159.4,     338.7,       0.0);         ( 505222.0,
3634425.9,     162.1,     338.7,       0.0);
     ( 502222.0, 3634475.9,     104.5,     104.5,       0.0);         ( 502272.0,
3634475.9,     104.9,     104.9,       0.0);
     ( 502322.0, 3634475.9,     105.2,     105.2,       0.0);         ( 502372.0,
3634475.9,     105.4,     105.4,       0.0);
     ( 502422.0, 3634475.9,     105.5,     105.5,       0.0);         ( 502472.0,
3634475.9,     105.4,     105.4,       0.0);
     ( 502522.0, 3634475.9,     105.8,     105.8,       0.0);         ( 502572.0,
3634475.9,     105.9,     105.9,       0.0);
     ( 502622.0, 3634475.9,     105.8,     105.8,       0.0);         ( 502672.0,
3634475.9,     105.8,     105.8,       0.0);
     ( 504772.0, 3634475.9,     179.9,     334.2,       0.0);         ( 504822.0,
3634475.9,     175.6,     336.0,       0.0);
     ( 504872.0, 3634475.9,     161.3,     338.7,       0.0);         ( 504922.0,
3634475.9,     145.8,     352.4,       0.0);
     ( 504972.0, 3634475.9,     148.7,     338.7,       0.0);         ( 505022.0,
3634475.9,     149.7,     338.7,       0.0);
     ( 505072.0, 3634475.9,     148.4,     352.4,       0.0);         ( 505122.0,
3634475.9,     150.3,     338.7,       0.0);
     ( 505172.0, 3634475.9,     153.7,     338.7,       0.0);         ( 505222.0,
3634475.9,     156.8,     338.7,       0.0);
     ( 502222.0, 3634525.9,     104.7,     104.7,       0.0);         ( 502272.0,
3634525.9,     104.9,     104.9,       0.0);
     ( 502322.0, 3634525.9,     105.1,     105.1,       0.0);         ( 502372.0,
3634525.9,     105.4,     105.4,       0.0);
     ( 502422.0, 3634525.9,     105.5,     105.5,       0.0);         ( 502472.0,

3634525.9,     105.7,     105.7,       0.0);
     ( 502522.0, 3634525.9,     105.7,     105.7,       0.0);         ( 502572.0,
3634525.9,     105.9,     105.9,       0.0);
     ( 502622.0, 3634525.9,     106.1,     106.1,       0.0);         ( 502672.0,
3634525.9,     106.8,     106.8,       0.0);
     ( 504772.0, 3634525.9,     165.2,     337.0,       0.0);         ( 504822.0,
3634525.9,     167.5,     336.5,       0.0);
     ( 504872.0, 3634525.9,     156.3,     338.7,       0.0);         ( 504922.0,
3634525.9,     140.9,     352.4,       0.0);
     ( 504972.0, 3634525.9,     137.0,     362.2,       0.0);         ( 505022.0,
3634525.9,     139.1,     362.2,       0.0);
     ( 505072.0, 3634525.9,     141.1,     360.8,       0.0);         ( 505122.0,
3634525.9,     145.5,     338.7,       0.0);
     ( 505172.0, 3634525.9,     150.7,     338.7,       0.0);         ( 505222.0,
3634525.9,     155.8,     338.7,       0.0);
     ( 502222.0, 3634575.9,     105.8,     105.8,       0.0);         ( 502272.0,
3634575.9,     104.9,     104.9,       0.0);
     ( 502322.0, 3634575.9,     104.9,     104.9,       0.0);         ( 502372.0,
3634575.9,     105.2,     105.2,       0.0);
     ( 502422.0, 3634575.9,     105.4,     105.4,       0.0);         ( 502472.0,
3634575.9,     105.7,     105.7,       0.0);
     ( 502522.0, 3634575.9,     105.8,     105.8,       0.0);         ( 502572.0,
3634575.9,     106.0,     106.0,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 502622.0, 3634575.9,     106.2,     106.2,       0.0);         ( 502672.0,
3634575.9,     106.8,     106.8,       0.0);
     ( 504772.0, 3634575.9,     145.8,     338.7,       0.0);         ( 504822.0,
3634575.9,     148.3,     338.7,       0.0);
     ( 504872.0, 3634575.9,     140.8,     338.7,       0.0);         ( 504922.0,
3634575.9,     130.9,     362.2,       0.0);
     ( 504972.0, 3634575.9,     131.7,     362.2,       0.0);         ( 505022.0,
3634575.9,     136.8,     360.8,       0.0);
     ( 505072.0, 3634575.9,     140.4,     338.7,       0.0);         ( 505122.0,
3634575.9,     144.1,     338.7,       0.0);
     ( 505172.0, 3634575.9,     154.8,     338.7,       0.0);         ( 505222.0,
3634575.9,     159.5,     338.0,       0.0);
     ( 502222.0, 3634625.9,     106.1,     106.1,       0.0);         ( 502272.0,
3634625.9,     106.0,     106.0,       0.0);
     ( 502322.0, 3634625.9,     104.8,     104.8,       0.0);         ( 502372.0,

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3634625.9,     105.0,     105.0,       0.0);
     ( 502422.0, 3634625.9,     105.1,     105.1,       0.0);         ( 502472.0,
3634625.9,     105.4,     105.4,       0.0);
     ( 502522.0, 3634625.9,     106.4,     106.4,       0.0);         ( 502572.0,
3634625.9,     106.5,     106.5,       0.0);
     ( 502622.0, 3634625.9,     106.7,     106.7,       0.0);         ( 502672.0,
3634625.9,     106.8,     106.8,       0.0);
     ( 504772.0, 3634625.9,     129.7,     338.7,       0.0);         ( 504822.0,
3634625.9,     125.4,     362.2,       0.0);
     ( 504872.0, 3634625.9,     125.5,     362.2,       0.0);         ( 504922.0,
3634625.9,     126.7,     362.2,       0.0);
     ( 504972.0, 3634625.9,     131.2,     357.4,       0.0);         ( 505022.0,
3634625.9,     136.7,     338.7,       0.0);
     ( 505072.0, 3634625.9,     142.4,     338.7,       0.0);         ( 505122.0,
3634625.9,     145.9,     338.7,       0.0);
     ( 505172.0, 3634625.9,     159.4,     337.0,       0.0);         ( 505222.0,
3634625.9,     165.4,     334.9,       0.0);
     ( 502222.0, 3634675.9,     105.5,     105.5,       0.0);         ( 502272.0,
3634675.9,     106.5,     106.5,       0.0);
     ( 502322.0, 3634675.9,     106.9,     106.9,       0.0);         ( 502372.0,
3634675.9,     106.7,     106.7,       0.0);
     ( 502422.0, 3634675.9,     106.9,     106.9,       0.0);         ( 502472.0,
3634675.9,     107.1,     107.1,       0.0);
     ( 502522.0, 3634675.9,     107.1,     107.1,       0.0);         ( 502572.0,
3634675.9,     107.4,     107.4,       0.0);
     ( 502622.0, 3634675.9,     107.6,     107.6,       0.0);         ( 502672.0,
3634675.9,     107.2,     107.2,       0.0);
     ( 504772.0, 3634675.9,     115.8,     363.3,       0.0);         ( 504822.0,
3634675.9,     116.0,     363.3,       0.0);
     ( 504872.0, 3634675.9,     125.3,     352.4,       0.0);         ( 504922.0,
3634675.9,     126.0,     352.4,       0.0);
     ( 504972.0, 3634675.9,     128.3,     338.7,       0.0);         ( 505022.0,
3634675.9,     136.4,     338.7,       0.0);
     ( 505072.0, 3634675.9,     145.4,     338.7,       0.0);         ( 505122.0,
3634675.9,     148.4,     338.0,       0.0);
     ( 505172.0, 3634675.9,     158.6,     336.0,       0.0);         ( 505222.0,
3634675.9,     166.0,     179.8,       0.0);
     ( 502222.0, 3634725.9,     105.5,     105.5,       0.0);         ( 502272.0,
3634725.9,     106.2,     106.2,       0.0);
     ( 502322.0, 3634725.9,     105.6,     105.6,       0.0);         ( 502372.0,
3634725.9,     105.7,     105.7,       0.0);
     ( 502422.0, 3634725.9,     106.9,     106.9,       0.0);         ( 502472.0,
3634725.9,     107.3,     107.3,       0.0);
     ( 502522.0, 3634725.9,     107.1,     107.1,       0.0);         ( 502572.0,
3634725.9,     107.6,     107.6,       0.0);
     ( 502622.0, 3634725.9,     107.7,     107.7,       0.0);         ( 502672.0,
3634725.9,     108.1,     108.1,       0.0);
     ( 504772.0, 3634725.9,     115.0,     362.2,       0.0);         ( 504822.0,
3634725.9,     116.9,     360.8,       0.0);
     ( 504872.0, 3634725.9,     120.8,     338.7,       0.0);         ( 504922.0,
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3634725.9,     125.8,     338.7,       0.0);
     ( 504972.0, 3634725.9,     131.3,     338.7,       0.0);         ( 505022.0,
3634725.9,     141.8,     338.0,       0.0);
     ( 505072.0, 3634725.9,     148.5,     337.0,       0.0);         ( 505122.0,
3634725.9,     152.9,     336.0,       0.0);
     ( 505172.0, 3634725.9,     164.6,     184.7,       0.0);         ( 505222.0,
3634725.9,     168.1,     180.8,       0.0);
     ( 502222.0, 3634775.9,     106.8,     106.8,       0.0);         ( 502272.0,
3634775.9,     107.6,     107.6,       0.0);
     ( 502322.0, 3634775.9,     105.8,     105.8,       0.0);         ( 502372.0,
3634775.9,     105.5,     105.5,       0.0);
     ( 502422.0, 3634775.9,     105.5,     105.5,       0.0);         ( 502472.0,
3634775.9,     106.0,     106.0,       0.0);
     ( 502522.0, 3634775.9,     107.7,     107.7,       0.0);         ( 502572.0,
3634775.9,     107.6,     107.6,       0.0);
     ( 502622.0, 3634775.9,     107.8,     107.8,       0.0);         ( 502672.0,
3634775.9,     108.2,     108.2,       0.0);
     ( 504772.0, 3634775.9,     114.1,     338.7,       0.0);         ( 504822.0,
3634775.9,     116.1,     338.7,       0.0);
     ( 504872.0, 3634775.9,     120.4,     338.7,       0.0);         ( 504922.0,
3634775.9,     127.9,     338.7,       0.0);
     ( 504972.0, 3634775.9,     139.7,     337.8,       0.0);         ( 505022.0,
3634775.9,     149.8,     336.0,       0.0);
     ( 505072.0, 3634775.9,     152.1,     334.9,       0.0);         ( 505122.0,
3634775.9,     155.0,     185.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 505172.0, 3634775.9,     168.2,     184.7,       0.0);         ( 505222.0,
3634775.9,     174.5,     180.8,       0.0);
     ( 502222.0, 3634825.9,     107.7,     107.7,       0.0);         ( 502272.0,
3634825.9,     108.1,     108.1,       0.0);
     ( 502322.0, 3634825.9,     107.6,     107.6,       0.0);         ( 502372.0,
3634825.9,     107.5,     107.5,       0.0);
     ( 502422.0, 3634825.9,     106.7,     106.7,       0.0);         ( 502472.0,
3634825.9,     105.8,     105.8,       0.0);
     ( 502522.0, 3634825.9,     107.8,     107.8,       0.0);         ( 502572.0,
3634825.9,     108.3,     108.3,       0.0);
     ( 502622.0, 3634825.9,     108.4,     108.4,       0.0);         ( 502672.0,
3634825.9,     108.3,     108.3,       0.0);
     ( 504772.0, 3634825.9,     113.3,     338.7,       0.0);         ( 504822.0,

3634825.9,     118.4,     338.7,       0.0);
     ( 504872.0, 3634825.9,     123.4,     338.7,       0.0);         ( 504922.0,
3634825.9,     133.0,     338.0,       0.0);
     ( 504972.0, 3634825.9,     149.8,     207.6,       0.0);         ( 505022.0,
3634825.9,     164.2,     185.3,       0.0);
     ( 505072.0, 3634825.9,     163.4,     185.3,       0.0);         ( 505122.0,
3634825.9,     163.4,     185.3,       0.0);
     ( 505172.0, 3634825.9,     174.0,     182.6,       0.0);         ( 505222.0,
3634825.9,     179.5,     179.5,       0.0);
     ( 502222.0, 3634875.9,     109.9,     109.9,       0.0);         ( 502272.0,
3634875.9,     108.1,     108.1,       0.0);
     ( 502322.0, 3634875.9,     107.9,     107.9,       0.0);         ( 502372.0,
3634875.9,     108.1,     108.1,       0.0);
     ( 502422.0, 3634875.9,     108.1,     108.1,       0.0);         ( 502472.0,
3634875.9,     108.1,     108.1,       0.0);
     ( 502522.0, 3634875.9,     108.1,     108.1,       0.0);         ( 502572.0,
3634875.9,     108.2,     108.2,       0.0);
     ( 502622.0, 3634875.9,     108.5,     108.5,       0.0);         ( 502672.0,
3634875.9,     108.7,     108.7,       0.0);
     ( 504772.0, 3634875.9,     113.1,     338.7,       0.0);         ( 504822.0,
3634875.9,     114.6,     338.7,       0.0);
     ( 504872.0, 3634875.9,     122.4,     338.7,       0.0);         ( 504922.0,
3634875.9,     135.8,     336.4,       0.0);
     ( 504972.0, 3634875.9,     153.6,     185.3,       0.0);         ( 505022.0,
3634875.9,     169.7,     185.3,       0.0);
     ( 505072.0, 3634875.9,     179.6,     185.3,       0.0);         ( 505122.0,
3634875.9,     175.3,     185.3,       0.0);
     ( 505172.0, 3634875.9,     179.8,     182.6,       0.0);         ( 505222.0,
3634875.9,     180.2,     182.3,       0.0);
     ( 502222.0, 3634925.9,     110.2,     110.2,       0.0);         ( 502272.0,
3634925.9,     108.4,     108.4,       0.0);
     ( 502322.0, 3634925.9,     108.4,     108.4,       0.0);         ( 502372.0,
3634925.9,     108.4,     108.4,       0.0);
     ( 502422.0, 3634925.9,     108.5,     108.5,       0.0);         ( 502472.0,
3634925.9,     108.0,     108.0,       0.0);
     ( 502522.0, 3634925.9,     108.3,     108.3,       0.0);         ( 502572.0,
3634925.9,     108.4,     108.4,       0.0);
     ( 502622.0, 3634925.9,     108.3,     108.3,       0.0);         ( 502672.0,
3634925.9,     108.8,     108.8,       0.0);
     ( 504772.0, 3634925.9,     113.0,     338.7,       0.0);         ( 504822.0,
3634925.9,     115.0,     338.7,       0.0);
     ( 504872.0, 3634925.9,     120.1,     338.0,       0.0);         ( 504922.0,
3634925.9,     132.9,     336.0,       0.0);
     ( 504972.0, 3634925.9,     149.2,     185.3,       0.0);         ( 505022.0,
3634925.9,     169.0,     185.3,       0.0);
     ( 505072.0, 3634925.9,     182.4,     185.3,       0.0);         ( 505122.0,
3634925.9,     179.4,     185.3,       0.0);
     ( 505172.0, 3634925.9,     181.2,     182.7,       0.0);         ( 505222.0,
3634925.9,     179.4,     183.0,       0.0);
     ( 502222.0, 3634975.9,     110.6,     110.6,       0.0);         ( 502272.0,

3634975.9,     109.0,     109.0,       0.0);
     ( 502322.0, 3634975.9,     108.3,     108.3,       0.0);         ( 502372.0,
3634975.9,     108.4,     108.4,       0.0);
     ( 502422.0, 3634975.9,     108.4,     108.4,       0.0);         ( 502472.0,
3634975.9,     108.2,     108.2,       0.0);
     ( 502522.0, 3634975.9,     108.5,     108.5,       0.0);         ( 502572.0,
3634975.9,     108.3,     108.3,       0.0);
     ( 502622.0, 3634975.9,     108.4,     108.4,       0.0);         ( 502672.0,
3634975.9,     108.6,     108.6,       0.0);
     ( 504822.0, 3634975.9,     114.8,     338.0,       0.0);         ( 504872.0,
3634975.9,     117.9,     337.8,       0.0);
     ( 504922.0, 3634975.9,     126.2,     336.4,       0.0);         ( 504972.0,
3634975.9,     146.6,     185.3,       0.0);
     ( 505022.0, 3634975.9,     162.4,     185.3,       0.0);         ( 505072.0,
3634975.9,     173.9,     185.3,       0.0);
     ( 505122.0, 3634975.9,     167.4,     185.3,       0.0);         ( 505172.0,
3634975.9,     168.6,     185.3,       0.0);
     ( 505222.0, 3634975.9,     171.3,     183.0,       0.0);         ( 502222.0,
3635025.9,     110.9,     110.9,       0.0);
     ( 502272.0, 3635025.9,     109.2,     109.2,       0.0);         ( 502322.0,
3635025.9,     108.9,     108.9,       0.0);
     ( 502372.0, 3635025.9,     108.6,     108.6,       0.0);         ( 502422.0,
3635025.9,     108.9,     108.9,       0.0);
     ( 502472.0, 3635025.9,     108.9,     108.9,       0.0);         ( 502522.0,
3635025.9,     109.0,     109.0,       0.0);
     ( 502572.0, 3635025.9,     108.9,     108.9,       0.0);         ( 502622.0,
3635025.9,     108.9,     108.9,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     ( 502672.0, 3635025.9,     108.6,     108.6,       0.0);         ( 504872.0,
3635025.9,     117.0,     337.0,       0.0);
     ( 504922.0, 3635025.9,     124.8,     334.9,       0.0);         ( 504972.0,
3635025.9,     140.0,     185.3,       0.0);
     ( 505022.0, 3635025.9,     156.2,     185.3,       0.0);         ( 505072.0,
3635025.9,     162.3,     185.3,       0.0);
     ( 505122.0, 3635025.9,     155.5,     185.3,       0.0);         ( 505172.0,
3635025.9,     155.4,     185.3,       0.0);
     ( 505222.0, 3635025.9,     159.6,     185.3,       0.0);         ( 502222.0,
3635075.9,     110.2,     110.2,       0.0);
     ( 502272.0, 3635075.9,     109.1,     109.1,       0.0);         ( 502322.0,

3635075.9,     110.0,     110.0,       0.0);
     ( 502372.0, 3635075.9,     109.6,     109.6,       0.0);         ( 502422.0,
3635075.9,     110.0,     110.0,       0.0);
     ( 502472.0, 3635075.9,     110.1,     110.1,       0.0);         ( 502522.0,
3635075.9,     110.0,     110.0,       0.0);
     ( 502572.0, 3635075.9,     109.6,     109.6,       0.0);         ( 502622.0,
3635075.9,     109.1,     109.1,       0.0);
     ( 502672.0, 3635075.9,     109.1,     109.1,       0.0);         ( 504922.0,
3635075.9,     119.5,     336.0,       0.0);
     ( 504972.0, 3635075.9,     127.5,     207.6,       0.0);         ( 505022.0,
3635075.9,     145.5,     185.3,       0.0);
     ( 505072.0, 3635075.9,     147.2,     185.3,       0.0);         ( 505122.0,
3635075.9,     143.2,     185.3,       0.0);
     ( 505172.0, 3635075.9,     139.0,     185.3,       0.0);         ( 505222.0,
3635075.9,     142.9,     185.3,       0.0);
     ( 502222.0, 3635125.9,     110.9,     110.9,       0.0);         ( 502272.0,
3635125.9,     109.3,     109.3,       0.0);
     ( 502322.0, 3635125.9,     110.4,     110.4,       0.0);         ( 502372.0,
3635125.9,     110.4,     110.4,       0.0);
     ( 502422.0, 3635125.9,     110.6,     110.6,       0.0);         ( 502472.0,
3635125.9,     111.0,     111.0,       0.0);
     ( 502522.0, 3635125.9,     110.6,     110.6,       0.0);         ( 502572.0,
3635125.9,     110.1,     110.1,       0.0);
     ( 502622.0, 3635125.9,     109.8,     333.1,       0.0);         ( 502672.0,
3635125.9,     109.4,     333.1,       0.0);
     ( 505022.0, 3635125.9,     126.9,     185.3,       0.0);         ( 505072.0,
3635125.9,     130.6,     185.3,       0.0);
     ( 505122.0, 3635125.9,     126.7,     185.3,       0.0);         ( 505172.0,
3635125.9,     123.3,     185.3,       0.0);
     ( 505222.0, 3635125.9,     132.8,     185.3,       0.0);         ( 502222.0,
3635175.9,     111.7,     111.7,       0.0);
     ( 502272.0, 3635175.9,     110.1,     110.1,       0.0);         ( 502322.0,
3635175.9,     111.1,     111.1,       0.0);
     ( 502372.0, 3635175.9,     111.5,     111.5,       0.0);         ( 502422.0,
3635175.9,     111.7,     111.7,       0.0);
     ( 502472.0, 3635175.9,     111.8,     111.8,       0.0);         ( 502522.0,
3635175.9,     111.8,     111.8,       0.0);
     ( 502572.0, 3635175.9,     111.2,     333.1,       0.0);         ( 502622.0,
3635175.9,     110.4,     333.1,       0.0);
     ( 502672.0, 3635175.9,     110.3,     333.1,       0.0);         ( 505122.0,
3635175.9,     116.8,     279.6,       0.0);
     ( 505172.0, 3635175.9,     117.4,     279.6,       0.0);         ( 505222.0,
3635175.9,     120.7,     185.3,       0.0);
     ( 502222.0, 3635225.9,     112.1,     112.1,       0.0);         ( 502272.0,
3635225.9,     111.4,     111.4,       0.0);
     ( 502322.0, 3635225.9,     111.5,     111.5,       0.0);         ( 502372.0,
3635225.9,     111.7,     111.7,       0.0);
     ( 502422.0, 3635225.9,     111.9,     333.1,       0.0);         ( 502472.0,
3635225.9,     112.0,     333.1,       0.0);
     ( 502522.0, 3635225.9,     111.8,     333.1,       0.0);         ( 502572.0,

3635225.9,     111.5,     333.1,       0.0);
     ( 502622.0, 3635225.9,     111.3,     333.1,       0.0);         ( 502672.0,
3635225.9,     110.9,     333.1,       0.0);
     ( 502222.0, 3635275.9,     113.6,     255.1,       0.0);         ( 502272.0,
3635275.9,     111.9,     111.9,       0.0);
     ( 502322.0, 3635275.9,     112.8,     112.8,       0.0);         ( 502372.0,
3635275.9,     113.0,     333.1,       0.0);
     ( 502422.0, 3635275.9,     113.0,     333.1,       0.0);         ( 502472.0,
3635275.9,     113.0,     333.1,       0.0);
     ( 502522.0, 3635275.9,     113.6,     333.1,       0.0);         ( 502572.0,
3635275.9,     112.6,     333.1,       0.0);
     ( 502622.0, 3635275.9,     112.3,     333.1,       0.0);         ( 502672.0,
3635275.9,     112.1,     333.1,       0.0);
     ( 502222.0, 3635325.9,     114.4,     255.4,       0.0);         ( 502272.0,
3635325.9,     112.9,     333.1,       0.0);
     ( 502322.0, 3635325.9,     113.5,     333.1,       0.0);         ( 502372.0,
3635325.9,     114.0,     333.1,       0.0);
     ( 502422.0, 3635325.9,     114.3,     333.1,       0.0);         ( 502472.0,
3635325.9,     114.3,     333.1,       0.0);
     ( 502522.0, 3635325.9,     114.1,     333.1,       0.0);         ( 502572.0,
3635325.9,     113.4,     333.1,       0.0);
     ( 502622.0, 3635325.9,     113.2,     333.1,       0.0);         ( 502672.0,
3635325.9,     113.1,     333.1,       0.0);
     ( 502222.0, 3635375.9,     114.4,     333.1,       0.0);         ( 502272.0,
3635375.9,     113.6,     333.1,       0.0);
     ( 502322.0, 3635375.9,     114.2,     333.1,       0.0);         ( 502372.0,
3635375.9,     114.6,     333.1,       0.0);
     ( 502422.0, 3635375.9,     115.0,     333.1,       0.0);         ( 502472.0,
3635375.9,     115.3,     333.1,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 502522.0, 3635375.9,     114.3,     333.1,       0.0);         ( 502572.0,
3635375.9,     114.1,     333.1,       0.0);
     ( 502622.0, 3635375.9,     113.9,     333.1,       0.0);         ( 502672.0,
3635375.9,     113.7,     333.1,       0.0);
     ( 502222.0, 3635425.9,     115.6,     333.1,       0.0);         ( 502272.0,
3635425.9,     114.1,     333.1,       0.0);
     ( 502322.0, 3635425.9,     114.4,     333.1,       0.0);         ( 502372.0,
3635425.9,     114.7,     333.1,       0.0);
     ( 502422.0, 3635425.9,     115.0,     333.1,       0.0);         ( 502472.0,

3635425.9,     115.5,     333.1,       0.0);
     ( 502522.0, 3635425.9,     115.2,     333.1,       0.0);         ( 502572.0,
3635425.9,     114.8,     333.1,       0.0);
     ( 502622.0, 3635425.9,     114.6,     333.1,       0.0);         ( 502672.0,
3635425.9,     114.5,     333.1,       0.0);
     ( 504772.0, 3635425.9,     113.0,     279.6,       0.0);         ( 502222.0,
3635475.9,     115.5,     333.1,       0.0);
     ( 502272.0, 3635475.9,     115.0,     333.1,       0.0);         ( 502322.0,
3635475.9,     115.1,     333.1,       0.0);
     ( 502372.0, 3635475.9,     115.3,     333.1,       0.0);         ( 502422.0,
3635475.9,     115.6,     333.1,       0.0);
     ( 502472.0, 3635475.9,     116.8,     333.1,       0.0);         ( 502522.0,
3635475.9,     115.5,     333.1,       0.0);
     ( 502572.0, 3635475.9,     115.2,     333.1,       0.0);         ( 502622.0,
3635475.9,     115.0,     333.1,       0.0);
     ( 502672.0, 3635475.9,     115.8,     333.1,       0.0);         ( 504772.0,
3635475.9,     114.6,     279.6,       0.0);
     ( 504822.0, 3635475.9,     114.4,     279.6,       0.0);         ( 504872.0,
3635475.9,     114.8,     279.6,       0.0);
     ( 504922.0, 3635475.9,     114.7,     279.6,       0.0);         ( 502222.0,
3635525.9,     117.8,     333.1,       0.0);
     ( 502272.0, 3635525.9,     115.6,     333.1,       0.0);         ( 502322.0,
3635525.9,     115.7,     333.1,       0.0);
     ( 502372.0, 3635525.9,     115.5,     333.1,       0.0);         ( 502422.0,
3635525.9,     115.9,     333.1,       0.0);
     ( 502472.0, 3635525.9,     116.4,     333.1,       0.0);         ( 502522.0,
3635525.9,     116.0,     333.1,       0.0);
     ( 502572.0, 3635525.9,     116.0,     333.1,       0.0);         ( 502622.0,
3635525.9,     116.4,     333.1,       0.0);
     ( 502672.0, 3635525.9,     117.0,     333.1,       0.0);         ( 502722.0,
3635525.9,     117.4,     333.1,       0.0);
     ( 502772.0, 3635525.9,     117.3,     333.1,       0.0);         ( 502822.0,
3635525.9,     117.2,     333.1,       0.0);
     ( 502872.0, 3635525.9,     117.0,     333.1,       0.0);         ( 502922.0,
3635525.9,     116.9,     333.1,       0.0);
     ( 502972.0, 3635525.9,     116.9,     333.1,       0.0);         ( 503022.0,
3635525.9,     116.7,     333.1,       0.0);
     ( 503072.0, 3635525.9,     115.7,     333.1,       0.0);         ( 503122.0,
3635525.9,     113.4,     333.1,       0.0);
     ( 503172.0, 3635525.9,     113.3,     333.1,       0.0);         ( 503222.0,
3635525.9,     115.1,     333.1,       0.0);
     ( 503272.0, 3635525.9,     115.9,     333.1,       0.0);         ( 503322.0,
3635525.9,     116.1,     333.1,       0.0);
     ( 503372.0, 3635525.9,     116.4,     333.1,       0.0);         ( 503422.0,
3635525.9,     116.4,     333.1,       0.0);
     ( 503472.0, 3635525.9,     117.5,     333.1,       0.0);         ( 503522.0,
3635525.9,     118.0,     333.1,       0.0);
     ( 503572.0, 3635525.9,     116.5,     333.1,       0.0);         ( 503622.0,
3635525.9,     115.0,     333.1,       0.0);
     ( 503672.0, 3635525.9,     114.9,     333.1,       0.0);         ( 503722.0,

3635525.9,     115.4,     333.1,       0.0);
     ( 503772.0, 3635525.9,     116.1,     333.1,       0.0);         ( 503822.0,
3635525.9,     116.5,     333.1,       0.0);
     ( 503872.0, 3635525.9,     115.7,     333.1,       0.0);         ( 503922.0,
3635525.9,     116.3,     333.1,       0.0);
     ( 503972.0, 3635525.9,     116.6,     333.1,       0.0);         ( 504022.0,
3635525.9,     114.9,     333.1,       0.0);
     ( 504072.0, 3635525.9,     113.4,     333.1,       0.0);         ( 504122.0,
3635525.9,     113.0,     333.1,       0.0);
     ( 504172.0, 3635525.9,     113.2,     333.1,       0.0);         ( 504222.0,
3635525.9,     112.1,     333.1,       0.0);
     ( 504272.0, 3635525.9,     112.8,     333.1,       0.0);         ( 504322.0,
3635525.9,     112.8,     333.1,       0.0);
     ( 504372.0, 3635525.9,     112.6,     333.1,       0.0);         ( 504422.0,
3635525.9,     112.5,     333.1,       0.0);
     ( 504472.0, 3635525.9,     112.1,     333.1,       0.0);         ( 504522.0,
3635525.9,     112.2,     333.1,       0.0);
     ( 504572.0, 3635525.9,     113.2,     333.1,       0.0);         ( 504622.0,
3635525.9,     113.6,     333.1,       0.0);
     ( 504672.0, 3635525.9,     113.9,     333.1,       0.0);         ( 504722.0,
3635525.9,     114.7,     333.1,       0.0);
     ( 504772.0, 3635525.9,     114.7,     333.1,       0.0);         ( 504822.0,
3635525.9,     115.0,     279.6,       0.0);
     ( 504872.0, 3635525.9,     115.2,     279.6,       0.0);         ( 504922.0,
3635525.9,     114.5,     279.6,       0.0);
     ( 504972.0, 3635525.9,     115.0,     279.6,       0.0);         ( 505022.0,
3635525.9,     116.0,     279.6,       0.0);
     ( 505072.0, 3635525.9,     115.9,     279.6,       0.0);         ( 505122.0,
3635525.9,     115.6,     279.6,       0.0);
     ( 505172.0, 3635525.9,     115.2,     279.6,       0.0);         ( 505222.0,
3635525.9,     114.6,     279.6,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 502222.0, 3635575.9,     119.1,     333.1,       0.0);         ( 502272.0,
3635575.9,     116.4,     333.1,       0.0);
     ( 502322.0, 3635575.9,     115.9,     333.1,       0.0);         ( 502372.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 502422.0, 3635575.9,     116.7,     333.1,       0.0);         ( 502472.0,
3635575.9,     116.6,     333.1,       0.0);
     ( 502522.0, 3635575.9,     116.2,     333.1,       0.0);         ( 502572.0,

3635575.9,     116.4,     333.1,       0.0);
     ( 502622.0, 3635575.9,     116.9,     333.1,       0.0);         ( 502672.0,
3635575.9,     117.6,     333.1,       0.0);
     ( 502722.0, 3635575.9,     117.9,     333.1,       0.0);         ( 502772.0,
3635575.9,     117.6,     333.1,       0.0);
     ( 502822.0, 3635575.9,     117.5,     333.1,       0.0);         ( 502872.0,
3635575.9,     117.5,     333.1,       0.0);
     ( 502922.0, 3635575.9,     117.4,     333.1,       0.0);         ( 502972.0,
3635575.9,     117.7,     333.1,       0.0);
     ( 503022.0, 3635575.9,     117.7,     333.1,       0.0);         ( 503072.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 503122.0, 3635575.9,     113.4,     333.1,       0.0);         ( 503172.0,
3635575.9,     113.3,     333.1,       0.0);
     ( 503222.0, 3635575.9,     117.5,     333.1,       0.0);         ( 503272.0,
3635575.9,     118.4,     333.1,       0.0);
     ( 503322.0, 3635575.9,     118.4,     333.1,       0.0);         ( 503372.0,
3635575.9,     118.9,     333.1,       0.0);
     ( 503422.0, 3635575.9,     118.9,     333.1,       0.0);         ( 503472.0,
3635575.9,     120.2,     333.1,       0.0);
     ( 503522.0, 3635575.9,     120.5,     333.1,       0.0);         ( 503572.0,
3635575.9,     118.7,     333.1,       0.0);
     ( 503622.0, 3635575.9,     116.5,     333.1,       0.0);         ( 503672.0,
3635575.9,     116.1,     333.1,       0.0);
     ( 503722.0, 3635575.9,     116.1,     333.1,       0.0);         ( 503772.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 503822.0, 3635575.9,     116.1,     333.1,       0.0);         ( 503872.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 503922.0, 3635575.9,     116.3,     333.1,       0.0);         ( 503972.0,
3635575.9,     116.6,     333.1,       0.0);
     ( 504022.0, 3635575.9,     113.5,     333.1,       0.0);         ( 504072.0,
3635575.9,     113.2,     333.1,       0.0);
     ( 504122.0, 3635575.9,     113.3,     333.1,       0.0);         ( 504172.0,
3635575.9,     113.3,     333.1,       0.0);
     ( 504222.0, 3635575.9,     113.1,     333.1,       0.0);         ( 504272.0,
3635575.9,     112.3,     333.1,       0.0);
     ( 504322.0, 3635575.9,     112.6,     333.1,       0.0);         ( 504372.0,
3635575.9,     112.8,     333.1,       0.0);
     ( 504422.0, 3635575.9,     112.8,     333.1,       0.0);         ( 504472.0,
3635575.9,     112.3,     333.1,       0.0);
     ( 504522.0, 3635575.9,     112.6,     333.1,       0.0);         ( 504572.0,
3635575.9,     112.4,     333.1,       0.0);
     ( 504622.0, 3635575.9,     113.6,     333.1,       0.0);         ( 504672.0,
3635575.9,     113.8,     333.1,       0.0);
     ( 504722.0, 3635575.9,     114.1,     333.1,       0.0);         ( 504772.0,
3635575.9,     114.6,     333.1,       0.0);
     ( 504822.0, 3635575.9,     115.1,     333.1,       0.0);         ( 504872.0,
3635575.9,     114.9,     333.1,       0.0);
     ( 504922.0, 3635575.9,     114.2,     279.6,       0.0);         ( 504972.0,
3635575.9,     115.0,     279.6,       0.0);
     ( 505022.0, 3635575.9,     115.7,     279.6,       0.0);         ( 505072.0,

3635575.9,     116.0,     279.6,       0.0);
     ( 505122.0, 3635575.9,     117.9,     279.6,       0.0);         ( 505172.0,
3635575.9,     115.5,     279.6,       0.0);
     ( 505222.0, 3635575.9,     116.3,     279.6,       0.0);         ( 502222.0,
3635625.9,     120.8,     333.1,       0.0);
     ( 502272.0, 3635625.9,     118.3,     333.1,       0.0);         ( 502322.0,
3635625.9,     117.5,     333.1,       0.0);
     ( 502372.0, 3635625.9,     116.7,     333.1,       0.0);         ( 502422.0,
3635625.9,     118.4,     333.1,       0.0);
     ( 502472.0, 3635625.9,     118.7,     333.1,       0.0);         ( 502522.0,
3635625.9,     118.7,     333.1,       0.0);
     ( 502572.0, 3635625.9,     117.4,     333.1,       0.0);         ( 502622.0,
3635625.9,     117.0,     333.1,       0.0);
     ( 502672.0, 3635625.9,     117.8,     333.1,       0.0);         ( 502722.0,
3635625.9,     118.4,     333.1,       0.0);
     ( 502772.0, 3635625.9,     118.5,     333.1,       0.0);         ( 502822.0,
3635625.9,     118.8,     333.1,       0.0);
     ( 502872.0, 3635625.9,     119.2,     333.1,       0.0);         ( 502922.0,
3635625.9,     119.5,     333.1,       0.0);
     ( 502972.0, 3635625.9,     119.8,     333.1,       0.0);         ( 503022.0,
3635625.9,     120.2,     333.1,       0.0);
     ( 503072.0, 3635625.9,     120.3,     333.1,       0.0);         ( 503122.0,
3635625.9,     120.3,     333.1,       0.0);
     ( 503172.0, 3635625.9,     120.6,     333.1,       0.0);         ( 503222.0,
3635625.9,     121.3,     333.1,       0.0);
     ( 503272.0, 3635625.9,     121.1,     333.1,       0.0);         ( 503322.0,
3635625.9,     121.0,     333.1,       0.0);
     ( 503372.0, 3635625.9,     120.2,     333.1,       0.0);         ( 503422.0,
3635625.9,     120.2,     333.1,       0.0);
     ( 503472.0, 3635625.9,     122.9,     333.1,       0.0);         ( 503522.0,
3635625.9,     123.4,     333.1,       0.0);
     ( 503572.0, 3635625.9,     120.6,     333.1,       0.0);         ( 503622.0,
3635625.9,     118.5,     333.1,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 503672.0, 3635625.9,     118.0,     333.1,       0.0);         ( 503722.0,
3635625.9,     117.7,     333.1,       0.0);
     ( 503772.0, 3635625.9,     117.6,     333.1,       0.0);         ( 503822.0,
3635625.9,     117.1,     333.1,       0.0);
     ( 503872.0, 3635625.9,     115.8,     333.1,       0.0);         ( 503922.0,

```
3635625.9,     116.2,     333.1,       0.0);
     ( 503972.0, 3635625.9,     116.2,     333.1,       0.0);         ( 504022.0,
3635625.9,     114.0,     333.1,       0.0);
     ( 504072.0, 3635625.9,     113.4,     333.1,       0.0);         ( 504122.0,
3635625.9,     113.4,     333.1,       0.0);
     ( 504172.0, 3635625.9,     113.4,     333.1,       0.0);         ( 504222.0,
3635625.9,     113.7,     333.1,       0.0);
     ( 504272.0, 3635625.9,     113.5,     333.1,       0.0);         ( 504322.0,
3635625.9,     112.5,     333.1,       0.0);
     ( 504372.0, 3635625.9,     112.6,     333.1,       0.0);         ( 504422.0,
3635625.9,     113.0,     333.1,       0.0);
     ( 504472.0, 3635625.9,     112.8,     333.1,       0.0);         ( 504522.0,
3635625.9,     112.8,     333.1,       0.0);
     ( 504572.0, 3635625.9,     112.5,     333.1,       0.0);         ( 504622.0,
3635625.9,     113.0,     333.1,       0.0);
     ( 504672.0, 3635625.9,     113.2,     333.1,       0.0);         ( 504722.0,
3635625.9,     113.8,     333.1,       0.0);
     ( 504772.0, 3635625.9,     114.5,     333.1,       0.0);         ( 504822.0,
3635625.9,     114.9,     333.1,       0.0);
     ( 504872.0, 3635625.9,     114.8,     333.1,       0.0);         ( 504922.0,
3635625.9,     114.1,     333.1,       0.0);
     ( 504972.0, 3635625.9,     115.1,     279.6,       0.0);         ( 505022.0,
3635625.9,     114.2,     279.6,       0.0);
     ( 505072.0, 3635625.9,     114.2,     279.6,       0.0);         ( 505122.0,
3635625.9,     116.1,     279.6,       0.0);
     ( 505172.0, 3635625.9,     115.6,     279.6,       0.0);         ( 505222.0,
3635625.9,     115.3,     279.6,       0.0);
     ( 502222.0, 3635675.9,     122.8,     333.1,       0.0);         ( 502272.0,
3635675.9,     120.2,     333.1,       0.0);
     ( 502322.0, 3635675.9,     119.7,     333.1,       0.0);         ( 502372.0,
3635675.9,     119.0,     333.1,       0.0);
     ( 502422.0, 3635675.9,     119.5,     333.1,       0.0);         ( 502472.0,
3635675.9,     119.4,     333.1,       0.0);
     ( 502522.0, 3635675.9,     119.3,     333.1,       0.0);         ( 502572.0,
3635675.9,     118.5,     333.1,       0.0);
     ( 502622.0, 3635675.9,     118.1,     333.1,       0.0);         ( 502672.0,
3635675.9,     118.2,     333.1,       0.0);
     ( 502722.0, 3635675.9,     119.0,     333.1,       0.0);         ( 502772.0,
3635675.9,     120.4,     333.1,       0.0);
     ( 502822.0, 3635675.9,     120.7,     333.1,       0.0);         ( 502872.0,
3635675.9,     121.3,     333.1,       0.0);
     ( 502922.0, 3635675.9,     123.6,     333.1,       0.0);         ( 502972.0,
3635675.9,     123.2,     333.1,       0.0);
     ( 503022.0, 3635675.9,     124.6,     333.1,       0.0);         ( 503072.0,
3635675.9,     124.8,     333.1,       0.0);
     ( 503122.0, 3635675.9,     125.4,     333.1,       0.0);         ( 503172.0,
3635675.9,     125.8,     333.1,       0.0);
     ( 503222.0, 3635675.9,     124.7,     333.1,       0.0);         ( 503272.0,
3635675.9,     124.3,     333.1,       0.0);
     ( 503322.0, 3635675.9,     124.6,     333.1,       0.0);         ( 503372.0,
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3635675.9,     124.2,     333.1,       0.0);
     ( 503422.0, 3635675.9,     123.1,     333.1,       0.0);         ( 503472.0,
3635675.9,     124.2,     333.1,       0.0);
     ( 503522.0, 3635675.9,     125.0,     333.1,       0.0);         ( 503572.0,
3635675.9,     122.0,     333.1,       0.0);
     ( 503622.0, 3635675.9,     119.9,     333.1,       0.0);         ( 503672.0,
3635675.9,     118.8,     333.1,       0.0);
     ( 503722.0, 3635675.9,     119.1,     333.1,       0.0);         ( 503772.0,
3635675.9,     119.0,     333.1,       0.0);
     ( 503822.0, 3635675.9,     118.0,     333.1,       0.0);         ( 503872.0,
3635675.9,     116.8,     333.1,       0.0);
     ( 503922.0, 3635675.9,     117.2,     333.1,       0.0);         ( 503972.0,
3635675.9,     116.7,     333.1,       0.0);
     ( 504022.0, 3635675.9,     114.6,     333.1,       0.0);         ( 504072.0,
3635675.9,     114.0,     333.1,       0.0);
     ( 504122.0, 3635675.9,     113.5,     333.1,       0.0);         ( 504172.0,
3635675.9,     113.5,     333.1,       0.0);
     ( 504222.0, 3635675.9,     113.5,     333.1,       0.0);         ( 504272.0,
3635675.9,     113.7,     333.1,       0.0);
     ( 504322.0, 3635675.9,     113.3,     333.1,       0.0);         ( 504372.0,
3635675.9,     112.6,     333.1,       0.0);
     ( 504422.0, 3635675.9,     112.6,     333.1,       0.0);         ( 504472.0,
3635675.9,     113.2,     333.1,       0.0);
     ( 504522.0, 3635675.9,     113.8,     333.1,       0.0);         ( 504572.0,
3635675.9,     113.0,     333.1,       0.0);
     ( 504622.0, 3635675.9,     113.8,     333.1,       0.0);         ( 504672.0,
3635675.9,     113.3,     333.1,       0.0);
     ( 504722.0, 3635675.9,     113.4,     333.1,       0.0);         ( 504772.0,
3635675.9,     115.6,     333.1,       0.0);
     ( 504822.0, 3635675.9,     114.8,     333.1,       0.0);         ( 504872.0,
3635675.9,     114.7,     333.1,       0.0);
     ( 504922.0, 3635675.9,     114.1,     333.1,       0.0);         ( 504972.0,
3635675.9,     115.1,     333.1,       0.0);
     ( 505022.0, 3635675.9,     114.9,     279.6,       0.0);         ( 505072.0,
3635675.9,     114.3,     279.6,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 505122.0, 3635675.9,     116.0,     279.6,       0.0);         ( 505172.0,
3635675.9,     116.0,     279.6,       0.0);
     ( 505222.0, 3635675.9,     115.5,     279.6,       0.0);         ( 502222.0,

3635725.9,     124.5,     333.1,       0.0);
     ( 502272.0, 3635725.9,     121.4,     333.1,       0.0);         ( 502322.0,
3635725.9,     120.3,     333.1,       0.0);
     ( 502372.0, 3635725.9,     119.3,     333.1,       0.0);         ( 502422.0,
3635725.9,     120.1,     333.1,       0.0);
     ( 502472.0, 3635725.9,     119.9,     333.1,       0.0);         ( 502522.0,
3635725.9,     120.2,     333.1,       0.0);
     ( 502572.0, 3635725.9,     118.9,     333.1,       0.0);         ( 502622.0,
3635725.9,     118.3,     333.1,       0.0);
     ( 502672.0, 3635725.9,     118.8,     333.1,       0.0);         ( 502722.0,
3635725.9,     119.5,     333.1,       0.0);
     ( 502772.0, 3635725.9,     120.8,     333.1,       0.0);         ( 502822.0,
3635725.9,     121.6,     333.1,       0.0);
     ( 502872.0, 3635725.9,     122.3,     333.1,       0.0);         ( 502922.0,
3635725.9,     126.0,     333.1,       0.0);
     ( 502972.0, 3635725.9,     126.6,     333.1,       0.0);         ( 503022.0,
3635725.9,     128.4,     333.1,       0.0);
     ( 503072.0, 3635725.9,     127.8,     333.1,       0.0);         ( 503122.0,
3635725.9,     128.8,     333.1,       0.0);
     ( 503172.0, 3635725.9,     128.9,     333.1,       0.0);         ( 503222.0,
3635725.9,     126.6,     333.1,       0.0);
     ( 503272.0, 3635725.9,     126.5,     333.1,       0.0);         ( 503322.0,
3635725.9,     126.9,     333.1,       0.0);
     ( 503372.0, 3635725.9,     126.8,     333.1,       0.0);         ( 503422.0,
3635725.9,     124.7,     333.1,       0.0);
     ( 503472.0, 3635725.9,     124.5,     333.1,       0.0);         ( 503522.0,
3635725.9,     124.8,     333.1,       0.0);
     ( 503572.0, 3635725.9,     122.0,     333.1,       0.0);         ( 503622.0,
3635725.9,     121.4,     333.1,       0.0);
     ( 503672.0, 3635725.9,     119.6,     333.1,       0.0);         ( 503722.0,
3635725.9,     120.0,     333.1,       0.0);
     ( 503772.0, 3635725.9,     119.7,     333.1,       0.0);         ( 503822.0,
3635725.9,     118.5,     333.1,       0.0);
     ( 503872.0, 3635725.9,     117.4,     333.1,       0.0);         ( 503922.0,
3635725.9,     117.6,     333.1,       0.0);
     ( 503972.0, 3635725.9,     117.3,     333.1,       0.0);         ( 504022.0,
3635725.9,     115.3,     333.1,       0.0);
     ( 504072.0, 3635725.9,     114.8,     333.1,       0.0);         ( 504122.0,
3635725.9,     114.1,     333.1,       0.0);
     ( 504172.0, 3635725.9,     114.0,     333.1,       0.0);         ( 504222.0,
3635725.9,     114.7,     333.1,       0.0);
     ( 504272.0, 3635725.9,     114.6,     333.1,       0.0);         ( 504322.0,
3635725.9,     113.7,     333.1,       0.0);
     ( 504372.0, 3635725.9,     113.5,     333.1,       0.0);         ( 504422.0,
3635725.9,     113.0,     333.1,       0.0);
     ( 504472.0, 3635725.9,     113.8,     333.1,       0.0);         ( 504522.0,
3635725.9,     114.2,     333.1,       0.0);
     ( 504572.0, 3635725.9,     113.7,     333.1,       0.0);         ( 504622.0,
3635725.9,     114.0,     333.1,       0.0);
     ( 504672.0, 3635725.9,     114.2,     333.1,       0.0);         ( 504722.0,

3635725.9,     113.6,     333.1,       0.0);
     ( 504772.0, 3635725.9,     113.6,     333.1,       0.0);         ( 504822.0,
3635725.9,     114.3,     333.1,       0.0);
     ( 504872.0, 3635725.9,     114.0,     333.1,       0.0);         ( 504922.0,
3635725.9,     114.1,     333.1,       0.0);
     ( 504972.0, 3635725.9,     115.1,     333.1,       0.0);         ( 505022.0,
3635725.9,     115.5,     279.6,       0.0);
     ( 505072.0, 3635725.9,     114.8,     279.6,       0.0);         ( 505122.0,
3635725.9,     116.0,     279.6,       0.0);
     ( 505172.0, 3635725.9,     116.0,     279.6,       0.0);         ( 505222.0,
3635725.9,     115.8,     279.6,       0.0);
     ( 502222.0, 3635775.9,     125.7,     333.1,       0.0);         ( 502272.0,
3635775.9,     122.0,     333.1,       0.0);
     ( 502322.0, 3635775.9,     121.1,     333.1,       0.0);         ( 502372.0,
3635775.9,     119.9,     333.1,       0.0);
     ( 502422.0, 3635775.9,     120.5,     333.1,       0.0);         ( 502472.0,
3635775.9,     120.5,     333.1,       0.0);
     ( 502522.0, 3635775.9,     120.7,     333.1,       0.0);         ( 502572.0,
3635775.9,     120.2,     333.1,       0.0);
     ( 502622.0, 3635775.9,     120.0,     333.1,       0.0);         ( 502672.0,
3635775.9,     120.2,     333.1,       0.0);
     ( 502722.0, 3635775.9,     119.8,     343.5,       0.0);         ( 502772.0,
3635775.9,     120.3,     343.5,       0.0);
     ( 502822.0, 3635775.9,     121.5,     333.1,       0.0);         ( 502872.0,
3635775.9,     123.0,     333.1,       0.0);
     ( 502922.0, 3635775.9,     126.9,     333.1,       0.0);         ( 502972.0,
3635775.9,     127.4,     333.1,       0.0);
     ( 503022.0, 3635775.9,     130.3,     333.1,       0.0);         ( 503072.0,
3635775.9,     130.2,     333.1,       0.0);
     ( 503122.0, 3635775.9,     130.4,     333.1,       0.0);         ( 503172.0,
3635775.9,     129.6,     333.1,       0.0);
     ( 503222.0, 3635775.9,     135.3,     333.1,       0.0);         ( 503272.0,
3635775.9,     137.7,     333.1,       0.0);
     ( 503322.0, 3635775.9,     135.5,     333.1,       0.0);         ( 503372.0,
3635775.9,     130.7,     333.1,       0.0);
     ( 503422.0, 3635775.9,     127.4,     333.1,       0.0);         ( 503472.0,
3635775.9,     126.5,     333.1,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 503522.0, 3635775.9,     128.5,     333.1,       0.0);         ( 503572.0,

3635775.9,     125.5,     333.1,       0.0);
     ( 503622.0, 3635775.9,     124.4,     333.1,       0.0);         ( 503672.0,
3635775.9,     121.6,     333.1,       0.0);
     ( 503722.0, 3635775.9,     120.1,     333.1,       0.0);         ( 503772.0,
3635775.9,     120.2,     333.1,       0.0);
     ( 503822.0, 3635775.9,     119.5,     333.1,       0.0);         ( 503872.0,
3635775.9,     119.4,     333.1,       0.0);
     ( 503922.0, 3635775.9,     120.4,     333.1,       0.0);         ( 503972.0,
3635775.9,     119.3,     333.1,       0.0);
     ( 504022.0, 3635775.9,     116.3,     333.1,       0.0);         ( 504072.0,
3635775.9,     116.8,     333.1,       0.0);
     ( 504122.0, 3635775.9,     115.6,     333.1,       0.0);         ( 504172.0,
3635775.9,     115.4,     333.1,       0.0);
     ( 504222.0, 3635775.9,     115.7,     333.1,       0.0);         ( 504272.0,
3635775.9,     115.7,     333.1,       0.0);
     ( 504322.0, 3635775.9,     114.7,     333.1,       0.0);         ( 504372.0,
3635775.9,     114.1,     333.1,       0.0);
     ( 504422.0, 3635775.9,     113.7,     333.1,       0.0);         ( 504472.0,
3635775.9,     114.3,     333.1,       0.0);
     ( 504522.0, 3635775.9,     114.5,     333.1,       0.0);         ( 504572.0,
3635775.9,     114.0,     333.1,       0.0);
     ( 504622.0, 3635775.9,     114.3,     333.1,       0.0);         ( 504672.0,
3635775.9,     114.1,     333.1,       0.0);
     ( 504722.0, 3635775.9,     113.8,     333.1,       0.0);         ( 504772.0,
3635775.9,     113.9,     333.1,       0.0);
     ( 504822.0, 3635775.9,     114.0,     333.1,       0.0);         ( 504872.0,
3635775.9,     114.0,     333.1,       0.0);
     ( 504922.0, 3635775.9,     114.1,     333.1,       0.0);         ( 504972.0,
3635775.9,     115.2,     333.1,       0.0);
     ( 505022.0, 3635775.9,     115.5,     333.1,       0.0);         ( 505072.0,
3635775.9,     114.9,     279.6,       0.0);
     ( 505122.0, 3635775.9,     115.5,     279.6,       0.0);         ( 505172.0,
3635775.9,     115.8,     279.6,       0.0);
     ( 505222.0, 3635775.9,     116.0,     279.6,       0.0);         ( 502222.0,
3635825.9,     126.7,     333.1,       0.0);
     ( 502272.0, 3635825.9,     122.6,     333.1,       0.0);         ( 502322.0,
3635825.9,     121.6,     333.1,       0.0);
     ( 502372.0, 3635825.9,     120.3,     333.1,       0.0);         ( 502422.0,
3635825.9,     121.1,     340.7,       0.0);
     ( 502472.0, 3635825.9,     120.9,     343.5,       0.0);         ( 502522.0,
3635825.9,     121.2,     343.5,       0.0);
     ( 502572.0, 3635825.9,     120.7,     352.4,       0.0);         ( 502622.0,
3635825.9,     120.5,     352.4,       0.0);
     ( 502672.0, 3635825.9,     120.6,     352.4,       0.0);         ( 502722.0,
3635825.9,     120.9,     352.4,       0.0);
     ( 502772.0, 3635825.9,     120.9,     352.4,       0.0);         ( 502822.0,
3635825.9,     122.0,     352.4,       0.0);
     ( 502872.0, 3635825.9,     123.5,     352.4,       0.0);         ( 502922.0,
3635825.9,     127.6,     333.1,       0.0);
     ( 502972.0, 3635825.9,     127.8,     333.1,       0.0);         ( 503022.0,

3635825.9,     132.4,     333.1,       0.0);
     ( 503072.0, 3635825.9,     133.6,     333.1,       0.0);         ( 503122.0,
3635825.9,     133.0,     333.1,       0.0);
     ( 503172.0, 3635825.9,     131.9,     333.1,       0.0);         ( 503222.0,
3635825.9,     138.8,     333.1,       0.0);
     ( 503272.0, 3635825.9,     139.4,     333.1,       0.0);         ( 503322.0,
3635825.9,     137.4,     333.1,       0.0);
     ( 503372.0, 3635825.9,     131.7,     333.1,       0.0);         ( 503422.0,
3635825.9,     129.7,     333.1,       0.0);
     ( 503472.0, 3635825.9,     128.2,     333.1,       0.0);         ( 503522.0,
3635825.9,     135.7,     333.1,       0.0);
     ( 503572.0, 3635825.9,     134.0,     333.1,       0.0);         ( 503622.0,
3635825.9,     129.7,     333.1,       0.0);
     ( 503672.0, 3635825.9,     124.4,     333.1,       0.0);         ( 503722.0,
3635825.9,     122.2,     333.1,       0.0);
     ( 503772.0, 3635825.9,     120.7,     333.1,       0.0);         ( 503822.0,
3635825.9,     120.6,     333.1,       0.0);
     ( 503872.0, 3635825.9,     120.4,     333.1,       0.0);         ( 503922.0,
3635825.9,     120.7,     333.1,       0.0);
     ( 503972.0, 3635825.9,     120.8,     333.1,       0.0);         ( 504022.0,
3635825.9,     117.5,     333.1,       0.0);
     ( 504072.0, 3635825.9,     119.2,     333.1,       0.0);         ( 504122.0,
3635825.9,     118.7,     333.1,       0.0);
     ( 504172.0, 3635825.9,     117.0,     333.1,       0.0);         ( 504222.0,
3635825.9,     116.9,     333.1,       0.0);
     ( 504272.0, 3635825.9,     117.5,     333.1,       0.0);         ( 504322.0,
3635825.9,     116.3,     333.1,       0.0);
     ( 504372.0, 3635825.9,     115.2,     333.1,       0.0);         ( 504422.0,
3635825.9,     114.7,     333.1,       0.0);
     ( 504472.0, 3635825.9,     114.9,     333.1,       0.0);         ( 504522.0,
3635825.9,     115.3,     333.1,       0.0);
     ( 504572.0, 3635825.9,     114.6,     333.1,       0.0);         ( 504622.0,
3635825.9,     114.6,     333.1,       0.0);
     ( 504672.0, 3635825.9,     114.3,     333.1,       0.0);         ( 504722.0,
3635825.9,     113.7,     333.1,       0.0);
     ( 504772.0, 3635825.9,     113.8,     333.1,       0.0);         ( 504822.0,
3635825.9,     114.2,     333.1,       0.0);
     ( 504872.0, 3635825.9,     114.4,     333.1,       0.0);         ( 504922.0,
3635825.9,     114.3,     333.1,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

```
     ( 504972.0, 3635825.9,     114.8,     333.1,       0.0);         ( 505022.0,
3635825.9,     115.1,     333.1,       0.0);
     ( 505072.0, 3635825.9,     115.4,     333.1,       0.0);         ( 505122.0,
3635825.9,     115.3,     279.6,       0.0);
     ( 505172.0, 3635825.9,     115.8,     279.6,       0.0);         ( 505222.0,
3635825.9,     116.0,     279.6,       0.0);
     ( 502222.0, 3635875.9,     127.4,     333.1,       0.0);         ( 502272.0,
3635875.9,     123.0,     333.1,       0.0);
     ( 502322.0, 3635875.9,     121.6,     343.5,       0.0);         ( 502372.0,
3635875.9,     120.8,     352.4,       0.0);
     ( 502422.0, 3635875.9,     121.5,     352.4,       0.0);         ( 502472.0,
3635875.9,     121.4,     352.4,       0.0);
     ( 502522.0, 3635875.9,     122.0,     352.4,       0.0);         ( 502572.0,
3635875.9,     121.5,     352.4,       0.0);
     ( 502622.0, 3635875.9,     122.1,     352.4,       0.0);         ( 502672.0,
3635875.9,     122.1,     352.4,       0.0);
     ( 502722.0, 3635875.9,     121.9,     352.4,       0.0);         ( 502772.0,
3635875.9,     121.9,     363.2,       0.0);
     ( 502822.0, 3635875.9,     123.1,     363.2,       0.0);         ( 502872.0,
3635875.9,     124.4,     352.4,       0.0);
     ( 502922.0, 3635875.9,     129.9,     352.4,       0.0);         ( 502972.0,
3635875.9,     129.7,     352.4,       0.0);
     ( 503022.0, 3635875.9,     134.1,     333.1,       0.0);         ( 503072.0,
3635875.9,     135.1,     333.1,       0.0);
     ( 503122.0, 3635875.9,     134.8,     333.1,       0.0);         ( 503172.0,
3635875.9,     133.6,     333.1,       0.0);
     ( 503222.0, 3635875.9,     135.5,     333.1,       0.0);         ( 503272.0,
3635875.9,     137.8,     333.1,       0.0);
     ( 503322.0, 3635875.9,     133.9,     333.1,       0.0);         ( 503372.0,
3635875.9,     133.1,     333.1,       0.0);
     ( 503422.0, 3635875.9,     131.0,     333.1,       0.0);         ( 503472.0,
3635875.9,     131.5,     333.1,       0.0);
     ( 503522.0, 3635875.9,     143.4,     333.1,       0.0);         ( 503572.0,
3635875.9,     135.4,     333.1,       0.0);
     ( 503622.0, 3635875.9,     129.4,     333.1,       0.0);         ( 503672.0,
3635875.9,     124.3,     333.1,       0.0);
     ( 503722.0, 3635875.9,     122.6,     333.1,       0.0);         ( 503772.0,
3635875.9,     121.6,     333.1,       0.0);
     ( 503822.0, 3635875.9,     121.7,     333.1,       0.0);         ( 503872.0,
3635875.9,     122.5,     333.1,       0.0);
     ( 503922.0, 3635875.9,     121.9,     333.1,       0.0);         ( 503972.0,
3635875.9,     121.4,     333.1,       0.0);
     ( 504022.0, 3635875.9,     119.3,     333.1,       0.0);         ( 504072.0,
3635875.9,     120.6,     333.1,       0.0);
     ( 504122.0, 3635875.9,     120.0,     333.1,       0.0);         ( 504172.0,
3635875.9,     119.0,     333.1,       0.0);
     ( 504222.0, 3635875.9,     119.5,     333.1,       0.0);         ( 504272.0,
3635875.9,     119.6,     333.1,       0.0);
     ( 504322.0, 3635875.9,     118.2,     333.1,       0.0);         ( 504372.0,
```

3635875.9,     117.2,     333.1,       0.0);
     ( 504422.0, 3635875.9,     116.9,     333.1,       0.0);         ( 504472.0,
3635875.9,     115.8,     333.1,       0.0);
     ( 504522.0, 3635875.9,     115.6,     333.1,       0.0);         ( 504572.0,
3635875.9,     115.3,     333.1,       0.0);
     ( 504622.0, 3635875.9,     115.1,     333.1,       0.0);         ( 504672.0,
3635875.9,     114.8,     333.1,       0.0);
     ( 504722.0, 3635875.9,     113.8,     333.1,       0.0);         ( 504772.0,
3635875.9,     113.9,     333.1,       0.0);
     ( 504822.0, 3635875.9,     114.3,     333.1,       0.0);         ( 504872.0,
3635875.9,     114.3,     333.1,       0.0);
     ( 504922.0, 3635875.9,     114.4,     333.1,       0.0);         ( 504972.0,
3635875.9,     115.1,     333.1,       0.0);
     ( 505022.0, 3635875.9,     114.9,     333.1,       0.0);         ( 505072.0,
3635875.9,     114.8,     333.1,       0.0);
     ( 505122.0, 3635875.9,     115.3,     333.1,       0.0);         ( 505172.0,
3635875.9,     115.6,     279.6,       0.0);
     ( 505222.0, 3635875.9,     116.0,     279.6,       0.0);         ( 502222.0,
3635925.9,     128.5,     333.1,       0.0);
     ( 502272.0, 3635925.9,     123.7,     352.4,       0.0);         ( 502322.0,
3635925.9,     122.6,     352.4,       0.0);
     ( 502372.0, 3635925.9,     121.2,     352.4,       0.0);         ( 502422.0,
3635925.9,     121.9,     352.4,       0.0);
     ( 502472.0, 3635925.9,     121.9,     352.4,       0.0);         ( 502522.0,
3635925.9,     123.0,     352.4,       0.0);
     ( 502572.0, 3635925.9,     122.8,     363.2,       0.0);         ( 502622.0,
3635925.9,     123.1,     363.2,       0.0);
     ( 502672.0, 3635925.9,     123.1,     363.2,       0.0);         ( 502722.0,
3635925.9,     123.0,     363.2,       0.0);
     ( 502772.0, 3635925.9,     122.8,     363.2,       0.0);         ( 502822.0,
3635925.9,     124.4,     363.2,       0.0);
     ( 502872.0, 3635925.9,     125.4,     363.2,       0.0);         ( 502922.0,
3635925.9,     130.9,     352.4,       0.0);
     ( 502972.0, 3635925.9,     131.4,     352.4,       0.0);         ( 503022.0,
3635925.9,     135.2,     352.4,       0.0);
     ( 503072.0, 3635925.9,     136.5,     333.1,       0.0);         ( 503122.0,
3635925.9,     136.2,     333.1,       0.0);
     ( 503172.0, 3635925.9,     136.0,     333.1,       0.0);         ( 503222.0,
3635925.9,     136.9,     333.1,       0.0);
     ( 503272.0, 3635925.9,     136.5,     333.1,       0.0);         ( 503322.0,
3635925.9,     134.7,     333.1,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503372.0, 3635925.9, 133.2, 333.1, 0.0); ( 503422.0, 3635925.9, 132.4, 333.1, 0.0);
( 503472.0, 3635925.9, 137.7, 333.1, 0.0); ( 503522.0, 3635925.9, 143.9, 333.1, 0.0);
( 503572.0, 3635925.9, 137.4, 333.1, 0.0); ( 503622.0, 3635925.9, 127.9, 333.1, 0.0);
( 503672.0, 3635925.9, 124.9, 363.2, 0.0); ( 503722.0, 3635925.9, 123.9, 363.2, 0.0);
( 503772.0, 3635925.9, 123.6, 363.2, 0.0); ( 503822.0, 3635925.9, 123.0, 333.1, 0.0);
( 503872.0, 3635925.9, 122.2, 333.1, 0.0); ( 503922.0, 3635925.9, 122.0, 333.1, 0.0);
( 503972.0, 3635925.9, 122.0, 333.1, 0.0); ( 504022.0, 3635925.9, 120.8, 333.1, 0.0);
( 504072.0, 3635925.9, 121.0, 333.1, 0.0); ( 504122.0, 3635925.9, 121.2, 333.1, 0.0);
( 504172.0, 3635925.9, 121.5, 333.1, 0.0); ( 504222.0, 3635925.9, 122.4, 333.1, 0.0);
( 504272.0, 3635925.9, 121.2, 333.1, 0.0); ( 504322.0, 3635925.9, 119.9, 333.1, 0.0);
( 504372.0, 3635925.9, 119.7, 333.1, 0.0); ( 504422.0, 3635925.9, 119.5, 333.1, 0.0);
( 504472.0, 3635925.9, 118.6, 333.1, 0.0); ( 504522.0, 3635925.9, 117.4, 333.1, 0.0);
( 504572.0, 3635925.9, 116.2, 333.1, 0.0); ( 504622.0, 3635925.9, 115.1, 333.1, 0.0);
( 504672.0, 3635925.9, 115.3, 333.1, 0.0); ( 504722.0, 3635925.9, 114.9, 333.1, 0.0);
( 504772.0, 3635925.9, 114.5, 333.1, 0.0); ( 504822.0, 3635925.9, 114.0, 333.1, 0.0);
( 504872.0, 3635925.9, 114.2, 333.1, 0.0); ( 504922.0, 3635925.9, 114.3, 333.1, 0.0);
( 504972.0, 3635925.9, 115.3, 333.1, 0.0); ( 505022.0, 3635925.9, 115.7, 333.1, 0.0);
( 505072.0, 3635925.9, 115.8, 333.1, 0.0); ( 505122.0, 3635925.9, 115.4, 333.1, 0.0);
( 505172.0, 3635925.9, 115.5, 333.1, 0.0); ( 505222.0, 3635925.9, 116.8, 279.6, 0.0);
( 502222.0, 3635975.9, 131.0, 333.1, 0.0); ( 502272.0, 3635975.9, 126.1, 352.4, 0.0);
( 502322.0, 3635975.9, 124.4, 352.4, 0.0); ( 502372.0, 3635975.9, 122.2, 352.4, 0.0);
( 502422.0, 3635975.9, 122.8, 363.2, 0.0); ( 502472.0, 3635975.9, 122.7, 363.2, 0.0);
( 502522.0, 3635975.9, 123.6, 363.2, 0.0); ( 502572.0, 3635975.9, 122.8, 363.2, 0.0);
( 502622.0, 3635975.9, 123.2, 363.2, 0.0); ( 502672.0,

3635975.9,     124.1,     363.2,       0.0);
     ( 502722.0, 3635975.9,     124.2,     363.2,       0.0);         ( 502772.0,
3635975.9,     124.4,     363.2,       0.0);
     ( 502822.0, 3635975.9,     126.2,     363.2,       0.0);         ( 502872.0,
3635975.9,     126.3,     363.2,       0.0);
     ( 502922.0, 3635975.9,     131.3,     363.2,       0.0);         ( 502972.0,
3635975.9,     131.7,     363.2,       0.0);
     ( 503022.0, 3635975.9,     135.7,     352.4,       0.0);         ( 503072.0,
3635975.9,     136.2,     352.4,       0.0);
     ( 503122.0, 3635975.9,     137.0,     352.4,       0.0);         ( 503172.0,
3635975.9,     137.0,     352.4,       0.0);
     ( 503222.0, 3635975.9,     137.1,     352.4,       0.0);         ( 503272.0,
3635975.9,     135.8,     363.2,       0.0);
     ( 503322.0, 3635975.9,     134.7,     363.2,       0.0);         ( 503372.0,
3635975.9,     132.0,     363.2,       0.0);
     ( 503422.0, 3635975.9,     137.3,     333.1,       0.0);         ( 503472.0,
3635975.9,     141.1,     333.1,       0.0);
     ( 503522.0, 3635975.9,     139.4,     333.1,       0.0);         ( 503572.0,
3635975.9,     131.4,     363.2,       0.0);
     ( 503622.0, 3635975.9,     127.6,     363.2,       0.0);         ( 503672.0,
3635975.9,     126.2,     363.2,       0.0);
     ( 503722.0, 3635975.9,     125.3,     363.2,       0.0);         ( 503772.0,
3635975.9,     124.8,     363.2,       0.0);
     ( 503822.0, 3635975.9,     123.9,     363.2,       0.0);         ( 503872.0,
3635975.9,     122.6,     363.2,       0.0);
     ( 503922.0, 3635975.9,     122.3,     363.2,       0.0);         ( 503972.0,
3635975.9,     122.2,     363.2,       0.0);
     ( 504022.0, 3635975.9,     122.4,     333.1,       0.0);         ( 504072.0,
3635975.9,     123.1,     333.1,       0.0);
     ( 504122.0, 3635975.9,     123.7,     333.1,       0.0);         ( 504172.0,
3635975.9,     124.6,     333.1,       0.0);
     ( 504222.0, 3635975.9,     124.9,     333.1,       0.0);         ( 504272.0,
3635975.9,     123.2,     333.1,       0.0);
     ( 504322.0, 3635975.9,     122.7,     333.1,       0.0);         ( 504372.0,
3635975.9,     123.0,     333.1,       0.0);
     ( 504422.0, 3635975.9,     122.6,     333.1,       0.0);         ( 504472.0,
3635975.9,     121.2,     333.1,       0.0);
     ( 504522.0, 3635975.9,     120.6,     333.1,       0.0);         ( 504572.0,
3635975.9,     119.7,     333.1,       0.0);
     ( 504622.0, 3635975.9,     119.5,     333.1,       0.0);         ( 504672.0,
3635975.9,     117.8,     333.1,       0.0);
     ( 504722.0, 3635975.9,     117.2,     333.1,       0.0);         ( 504772.0,
3635975.9,     116.2,     333.1,       0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 504822.0, 3635975.9, 115.2, 333.1, 0.0); ( 504872.0, 3635975.9, 114.7, 333.1, 0.0);
( 504922.0, 3635975.9, 114.4, 333.1, 0.0); ( 504972.0, 3635975.9, 115.4, 333.1, 0.0);
( 505022.0, 3635975.9, 115.7, 333.1, 0.0); ( 505072.0, 3635975.9, 115.9, 333.1, 0.0);
( 505122.0, 3635975.9, 115.8, 333.1, 0.0); ( 505172.0, 3635975.9, 115.8, 333.1, 0.0);
( 505222.0, 3635975.9, 115.6, 279.6, 0.0); ( 501722.0, 3632475.9, 108.2, 237.2, 0.0);
( 501822.0, 3632475.9, 108.7, 237.2, 0.0); ( 501922.0, 3632475.9, 108.9, 108.9, 0.0);
( 502022.0, 3632475.9, 109.4, 109.4, 0.0); ( 502122.0, 3632475.9, 110.3, 110.3, 0.0);
( 502222.0, 3632475.9, 110.6, 110.6, 0.0); ( 502322.0, 3632475.9, 110.3, 110.3, 0.0);
( 502422.0, 3632475.9, 110.6, 110.6, 0.0); ( 502522.0, 3632475.9, 110.8, 110.8, 0.0);
( 502622.0, 3632475.9, 112.1, 169.3, 0.0); ( 502722.0, 3632475.9, 113.3, 318.9, 0.0);
( 502822.0, 3632475.9, 113.9, 329.9, 0.0); ( 502922.0, 3632475.9, 114.8, 360.8, 0.0);
( 503022.0, 3632475.9, 116.3, 363.3, 0.0); ( 503122.0, 3632475.9, 118.6, 363.3, 0.0);
( 503222.0, 3632475.9, 118.2, 363.3, 0.0); ( 503322.0, 3632475.9, 122.4, 363.3, 0.0);
( 503422.0, 3632475.9, 126.0, 363.3, 0.0); ( 503722.0, 3632475.9, 135.9, 363.3, 0.0);
( 503822.0, 3632475.9, 148.0, 363.3, 0.0); ( 503922.0, 3632475.9, 161.9, 363.3, 0.0);
( 504022.0, 3632475.9, 175.9, 363.3, 0.0); ( 504122.0, 3632475.9, 181.9, 363.3, 0.0);
( 504222.0, 3632475.9, 198.4, 363.3, 0.0); ( 504322.0, 3632475.9, 208.4, 363.3, 0.0);
( 504422.0, 3632475.9, 192.0, 363.3, 0.0); ( 504522.0, 3632475.9, 178.6, 363.3, 0.0);
( 504622.0, 3632475.9, 208.7, 363.3, 0.0); ( 504722.0, 3632475.9, 225.0, 363.3, 0.0);
( 504822.0, 3632475.9, 224.6, 363.3, 0.0); ( 504922.0, 3632475.9, 234.4, 363.3, 0.0);
( 505022.0, 3632475.9, 257.8, 363.3, 0.0); ( 505122.0, 3632475.9, 256.1, 363.3, 0.0);
( 505222.0, 3632475.9, 301.2, 363.3, 0.0); ( 505322.0, 3632475.9, 347.3, 360.8, 0.0);
( 505422.0, 3632475.9, 324.4, 363.3, 0.0); ( 505522.0,

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3632475.9,     295.4,     363.3,       0.0);
     ( 505622.0, 3632475.9,     263.4,     363.3,       0.0);         ( 505722.0,
3632475.9,     239.0,     363.3,       0.0);
     ( 501722.0, 3632575.9,     107.8,     237.2,       0.0);         ( 501822.0,
3632575.9,     108.2,     108.2,       0.0);
     ( 501922.0, 3632575.9,     108.6,     108.6,       0.0);         ( 502022.0,
3632575.9,     109.2,     109.2,       0.0);
     ( 502122.0, 3632575.9,     109.7,     109.7,       0.0);         ( 502222.0,
3632575.9,     109.3,     109.3,       0.0);
     ( 502322.0, 3632575.9,     109.7,     109.7,       0.0);         ( 502422.0,
3632575.9,     110.2,     110.2,       0.0);
     ( 502522.0, 3632575.9,     110.7,     169.3,       0.0);         ( 502622.0,
3632575.9,     111.2,     318.9,       0.0);
     ( 502722.0, 3632575.9,     112.8,     318.9,       0.0);         ( 502822.0,
3632575.9,     113.2,     329.9,       0.0);
     ( 502922.0, 3632575.9,     114.2,     360.8,       0.0);         ( 503022.0,
3632575.9,     115.8,     363.3,       0.0);
     ( 503122.0, 3632575.9,     117.0,     363.3,       0.0);         ( 503222.0,
3632575.9,     118.6,     363.3,       0.0);
     ( 503322.0, 3632575.9,     122.0,     363.3,       0.0);         ( 503422.0,
3632575.9,     127.0,     363.3,       0.0);
     ( 503722.0, 3632575.9,     141.5,     363.3,       0.0);         ( 503822.0,
3632575.9,     154.8,     363.3,       0.0);
     ( 503922.0, 3632575.9,     195.0,     363.3,       0.0);         ( 504022.0,
3632575.9,     215.2,     363.3,       0.0);
     ( 504122.0, 3632575.9,     223.7,     363.3,       0.0);         ( 504222.0,
3632575.9,     234.1,     363.3,       0.0);
     ( 504322.0, 3632575.9,     252.9,     360.8,       0.0);         ( 504422.0,
3632575.9,     234.2,     363.3,       0.0);
     ( 504522.0, 3632575.9,     199.5,     363.3,       0.0);         ( 504622.0,
3632575.9,     208.3,     363.3,       0.0);
     ( 504722.0, 3632575.9,     243.4,     363.3,       0.0);         ( 504822.0,
3632575.9,     237.9,     363.3,       0.0);
     ( 504922.0, 3632575.9,     255.4,     363.3,       0.0);         ( 505022.0,
3632575.9,     296.2,     363.3,       0.0);
     ( 505122.0, 3632575.9,     287.0,     363.3,       0.0);         ( 505222.0,
3632575.9,     306.9,     363.3,       0.0);
     ( 505322.0, 3632575.9,     316.0,     363.3,       0.0);         ( 505422.0,
3632575.9,     283.3,     363.3,       0.0);
     ( 505522.0, 3632575.9,     268.2,     363.3,       0.0);         ( 505622.0,
3632575.9,     249.1,     363.3,       0.0);
     ( 505722.0, 3632575.9,     239.4,     363.3,       0.0);         ( 501722.0,
3632675.9,     107.4,     107.4,       0.0);
     ( 501822.0, 3632675.9,     107.6,     107.6,       0.0);         ( 501922.0,
3632675.9,     108.1,     108.1,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:32:02
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 502022.0, 3632675.9, 109.2, 109.2, 0.0); ( 502122.0, 3632675.9, 109.2, 109.2, 0.0);
( 502222.0, 3632675.9, 108.7, 108.7, 0.0); ( 502322.0, 3632675.9, 109.3, 109.3, 0.0);
( 502422.0, 3632675.9, 109.6, 115.6, 0.0); ( 502522.0, 3632675.9, 110.0, 169.3, 0.0);
( 502622.0, 3632675.9, 111.0, 318.9, 0.0); ( 502722.0, 3632675.9, 111.9, 318.9, 0.0);
( 502822.0, 3632675.9, 114.6, 329.9, 0.0); ( 502922.0, 3632675.9, 117.0, 337.5, 0.0);
( 503022.0, 3632675.9, 118.7, 363.3, 0.0); ( 503722.0, 3632675.9, 143.0, 363.3, 0.0);
( 503822.0, 3632675.9, 153.1, 363.3, 0.0); ( 503922.0, 3632675.9, 170.4, 363.3, 0.0);
( 504022.0, 3632675.9, 199.7, 363.3, 0.0); ( 504122.0, 3632675.9, 225.6, 363.3, 0.0);
( 504222.0, 3632675.9, 250.2, 337.2, 0.0); ( 504322.0, 3632675.9, 264.6, 329.9, 0.0);
( 504422.0, 3632675.9, 248.6, 363.3, 0.0); ( 504522.0, 3632675.9, 232.3, 363.3, 0.0);
( 504622.0, 3632675.9, 236.4, 363.3, 0.0); ( 504722.0, 3632675.9, 246.1, 363.3, 0.0);
( 504822.0, 3632675.9, 248.2, 363.3, 0.0); ( 504922.0, 3632675.9, 271.6, 363.3, 0.0);
( 505022.0, 3632675.9, 311.7, 360.8, 0.0); ( 505122.0, 3632675.9, 321.0, 360.8, 0.0);
( 505222.0, 3632675.9, 321.0, 363.3, 0.0); ( 505322.0, 3632675.9, 319.6, 363.3, 0.0);
( 505422.0, 3632675.9, 273.4, 363.3, 0.0); ( 505522.0, 3632675.9, 249.0, 363.3, 0.0);
( 505622.0, 3632675.9, 242.1, 363.3, 0.0); ( 505722.0, 3632675.9, 254.2, 363.3, 0.0);
( 502422.0, 3632775.9, 113.4, 116.0, 0.0); ( 502522.0, 3632775.9, 115.1, 169.3, 0.0);
( 502622.0, 3632775.9, 114.5, 318.9, 0.0); ( 502722.0, 3632775.9, 111.5, 328.1, 0.0);
( 502822.0, 3632775.9, 116.0, 329.9, 0.0); ( 502922.0, 3632775.9, 125.7, 329.9, 0.0);
( 503022.0, 3632775.9, 135.0, 329.9, 0.0); ( 503122.0, 3632775.9, 128.8, 362.2, 0.0);
( 503222.0, 3632775.9, 125.0, 363.3, 0.0); ( 503622.0, 3632775.9, 135.5, 363.3, 0.0);
( 503722.0, 3632775.9, 142.0, 363.3, 0.0); ( 503822.0,

```
3632775.9,     159.5,     363.3,       0.0);
     ( 503922.0, 3632775.9,     166.0,     363.3,       0.0);         ( 504022.0,
3632775.9,     174.6,     363.3,       0.0);
     ( 504122.0, 3632775.9,     198.0,     363.3,       0.0);         ( 504222.0,
3632775.9,     229.9,     363.3,       0.0);
     ( 504322.0, 3632775.9,     259.5,     337.2,       0.0);         ( 504422.0,
3632775.9,     254.8,     362.2,       0.0);
     ( 504522.0, 3632775.9,     247.4,     363.3,       0.0);         ( 504622.0,
3632775.9,     251.2,     363.3,       0.0);
     ( 504722.0, 3632775.9,     254.4,     363.3,       0.0);         ( 504822.0,
3632775.9,     270.3,     363.3,       0.0);
     ( 504922.0, 3632775.9,     289.8,     363.3,       0.0);         ( 505022.0,
3632775.9,     329.5,     337.2,       0.0);
     ( 505122.0, 3632775.9,     337.3,     337.3,       0.0);         ( 505222.0,
3632775.9,     336.9,     338.6,       0.0);
     ( 505322.0, 3632775.9,     295.0,     363.3,       0.0);         ( 505422.0,
3632775.9,     261.8,     363.3,       0.0);
     ( 505522.0, 3632775.9,     242.3,     363.3,       0.0);         ( 505622.0,
3632775.9,     233.5,     363.3,       0.0);
     ( 505722.0, 3632775.9,     239.5,     363.3,       0.0);         ( 501722.0,
3632875.9,     108.3,     108.3,       0.0);
     ( 501822.0, 3632875.9,     108.3,     108.3,       0.0);         ( 501922.0,
3632875.9,     108.3,     108.3,       0.0);
     ( 502022.0, 3632875.9,     108.0,     108.0,       0.0);         ( 502122.0,
3632875.9,     108.3,     108.3,       0.0);
     ( 502222.0, 3632875.9,     107.4,     107.4,       0.0);         ( 502322.0,
3632875.9,     107.8,     107.8,       0.0);
     ( 502422.0, 3632875.9,     108.8,     169.3,       0.0);         ( 502522.0,
3632875.9,     109.3,     169.3,       0.0);
     ( 502622.0, 3632875.9,     109.4,     318.9,       0.0);         ( 502722.0,
3632875.9,     111.2,     329.3,       0.0);
     ( 502822.0, 3632875.9,     115.8,     329.9,       0.0);         ( 502922.0,
3632875.9,     131.1,     329.3,       0.0);
     ( 503022.0, 3632875.9,     169.1,     169.1,       0.0);         ( 503122.0,
3632875.9,     145.2,     329.9,       0.0);
     ( 503222.0, 3632875.9,     122.1,     363.3,       0.0);         ( 503322.0,
3632875.9,     122.1,     363.3,       0.0);
     ( 503422.0, 3632875.9,     124.9,     363.3,       0.0);         ( 503622.0,
3632875.9,     135.9,     363.3,       0.0);
     ( 503722.0, 3632875.9,     143.3,     363.3,       0.0);         ( 503822.0,
3632875.9,     163.0,     363.3,       0.0);
     ( 503922.0, 3632875.9,     190.4,     363.3,       0.0);         ( 504022.0,
3632875.9,     199.5,     363.3,       0.0);
     ( 504122.0, 3632875.9,     211.2,     363.3,       0.0);         ( 504222.0,
3632875.9,     242.1,     338.6,       0.0);
     ( 504322.0, 3632875.9,     257.1,     337.5,       0.0);         ( 504422.0,
3632875.9,     264.2,     338.4,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 504522.0, 3632875.9, 261.2, 360.8, 0.0); ( 504622.0, 3632875.9, 264.0, 363.3, 0.0);
( 504722.0, 3632875.9, 266.8, 363.3, 0.0); ( 504822.0, 3632875.9, 295.8, 338.6, 0.0);
( 504922.0, 3632875.9, 326.4, 329.9, 0.0); ( 505022.0, 3632875.9, 332.5, 336.5, 0.0);
( 505122.0, 3632875.9, 336.4, 336.4, 0.0); ( 505222.0, 3632875.9, 298.3, 363.3, 0.0);
( 505322.0, 3632875.9, 269.6, 363.3, 0.0); ( 505422.0, 3632875.9, 243.2, 363.3, 0.0);
( 505522.0, 3632875.9, 238.8, 363.3, 0.0); ( 505622.0, 3632875.9, 227.1, 363.3, 0.0);
( 505722.0, 3632875.9, 234.9, 363.3, 0.0); ( 501722.0, 3632975.9, 107.6, 107.6, 0.0);
( 501822.0, 3632975.9, 107.9, 107.9, 0.0); ( 501922.0, 3632975.9, 108.1, 108.1, 0.0);
( 502022.0, 3632975.9, 108.5, 108.5, 0.0); ( 502122.0, 3632975.9, 108.3, 108.3, 0.0);
( 505322.0, 3632975.9, 243.3, 363.3, 0.0); ( 505422.0, 3632975.9, 234.7, 363.3, 0.0);
( 505522.0, 3632975.9, 222.9, 363.3, 0.0); ( 505622.0, 3632975.9, 221.1, 363.3, 0.0);
( 505722.0, 3632975.9, 229.9, 363.3, 0.0); ( 501722.0, 3633075.9, 106.5, 106.5, 0.0);
( 501822.0, 3633075.9, 106.4, 106.4, 0.0); ( 501922.0, 3633075.9, 107.2, 107.2, 0.0);
( 502022.0, 3633075.9, 107.5, 107.5, 0.0); ( 502122.0, 3633075.9, 108.2, 108.2, 0.0);
( 505322.0, 3633075.9, 238.2, 363.3, 0.0); ( 505422.0, 3633075.9, 221.1, 363.3, 0.0);
( 505522.0, 3633075.9, 212.5, 363.3, 0.0); ( 505622.0, 3633075.9, 213.6, 363.3, 0.0);
( 505722.0, 3633075.9, 227.8, 363.3, 0.0); ( 501722.0, 3633175.9, 105.7, 105.7, 0.0);
( 501822.0, 3633175.9, 105.8, 105.8, 0.0); ( 501922.0, 3633175.9, 105.9, 105.9, 0.0);
( 502022.0, 3633175.9, 106.7, 106.7, 0.0); ( 502122.0, 3633175.9, 105.8, 105.8, 0.0);
( 505322.0, 3633175.9, 230.0, 363.3, 0.0); ( 505422.0, 3633175.9, 221.7, 363.3, 0.0);
( 505522.0, 3633175.9, 210.3, 363.3, 0.0); ( 505622.0,

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3633175.9,     204.1,     363.3,       0.0);
     ( 505722.0, 3633175.9,     216.9,     363.3,       0.0);         ( 501722.0,
3633275.9,     105.2,     105.2,       0.0);
     ( 501822.0, 3633275.9,     106.0,     106.0,       0.0);         ( 501922.0,
3633275.9,     106.0,     106.0,       0.0);
     ( 502022.0, 3633275.9,     106.5,     106.5,       0.0);         ( 502122.0,
3633275.9,     105.7,     105.7,       0.0);
     ( 505322.0, 3633275.9,     220.4,     363.3,       0.0);         ( 505422.0,
3633275.9,     224.8,     363.3,       0.0);
     ( 505522.0, 3633275.9,     208.6,     363.3,       0.0);         ( 505622.0,
3633275.9,     196.6,     363.3,       0.0);
     ( 505722.0, 3633275.9,     203.8,     363.3,       0.0);         ( 501722.0,
3633375.9,     104.5,     104.5,       0.0);
     ( 501822.0, 3633375.9,     105.0,     105.0,       0.0);         ( 501922.0,
3633375.9,     105.1,     105.1,       0.0);
     ( 502022.0, 3633375.9,     105.4,     105.4,       0.0);         ( 502122.0,
3633375.9,     105.8,     105.8,       0.0);
     ( 505322.0, 3633375.9,     207.0,     363.3,       0.0);         ( 505422.0,
3633375.9,     221.2,     363.3,       0.0);
     ( 505522.0, 3633375.9,     212.8,     363.3,       0.0);         ( 505622.0,
3633375.9,     193.9,     363.3,       0.0);
     ( 505722.0, 3633375.9,     192.6,     363.3,       0.0);         ( 501722.0,
3633475.9,     104.5,     104.5,       0.0);
     ( 501822.0, 3633475.9,     105.0,     105.0,       0.0);         ( 501922.0,
3633475.9,     105.9,     105.9,       0.0);
     ( 502022.0, 3633475.9,     106.1,     106.1,       0.0);         ( 502122.0,
3633475.9,     105.2,     105.2,       0.0);
     ( 505322.0, 3633475.9,     200.9,     363.3,       0.0);         ( 505422.0,
3633475.9,     214.8,     363.3,       0.0);
     ( 505522.0, 3633475.9,     204.8,     363.3,       0.0);         ( 505622.0,
3633475.9,     194.9,     363.3,       0.0);
     ( 505722.0, 3633475.9,     186.9,     363.3,       0.0);         ( 501722.0,
3633575.9,     104.3,     104.3,       0.0);
     ( 501822.0, 3633575.9,     105.1,     105.1,       0.0);         ( 501922.0,
3633575.9,     105.5,     105.5,       0.0);
     ( 502022.0, 3633575.9,     105.4,     105.4,       0.0);         ( 502122.0,
3633575.9,     111.2,     114.2,       0.0);
     ( 505322.0, 3633575.9,     198.5,     363.3,       0.0);         ( 505422.0,
3633575.9,     214.2,     363.3,       0.0);
     ( 505522.0, 3633575.9,     202.8,     363.3,       0.0);         ( 505622.0,
3633575.9,     189.7,     363.3,       0.0);
     ( 505722.0, 3633575.9,     183.3,     363.3,       0.0);         ( 501722.0,
3633675.9,     104.6,     104.6,       0.0);
     ( 501822.0, 3633675.9,     104.5,     104.5,       0.0);         ( 501922.0,
3633675.9,     105.4,     105.4,       0.0);
     ( 502022.0, 3633675.9,     106.3,     112.0,       0.0);         ( 502122.0,
3633675.9,     111.2,     111.2,       0.0);
     ( 505322.0, 3633675.9,     202.2,     363.3,       0.0);         ( 505422.0,
3633675.9,     222.0,     363.3,       0.0);
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 505522.0, 3633675.9, 207.8, 363.3, 0.0); ( 505622.0, 3633675.9, 193.3, 363.3, 0.0);
( 505722.0, 3633675.9, 180.2, 363.3, 0.0); ( 501722.0, 3633775.9, 104.9, 104.9, 0.0);
( 501822.0, 3633775.9, 104.9, 104.9, 0.0); ( 501922.0, 3633775.9, 105.2, 105.2, 0.0);
( 502022.0, 3633775.9, 105.6, 105.6, 0.0); ( 502122.0, 3633775.9, 105.6, 109.6, 0.0);
( 505322.0, 3633775.9, 199.7, 363.3, 0.0); ( 505422.0, 3633775.9, 207.5, 363.3, 0.0);
( 505522.0, 3633775.9, 208.0, 363.3, 0.0); ( 505622.0, 3633775.9, 192.9, 363.3, 0.0);
( 505722.0, 3633775.9, 177.3, 363.3, 0.0); ( 501722.0, 3633875.9, 104.5, 104.5, 0.0);
( 501822.0, 3633875.9, 105.7, 105.7, 0.0); ( 501922.0, 3633875.9, 103.6, 103.6, 0.0);
( 502022.0, 3633875.9, 105.5, 105.5, 0.0); ( 502122.0, 3633875.9, 105.2, 105.2, 0.0);
( 505322.0, 3633875.9, 198.2, 363.3, 0.0); ( 505422.0, 3633875.9, 195.1, 363.3, 0.0);
( 505522.0, 3633875.9, 194.3, 363.3, 0.0); ( 505622.0, 3633875.9, 190.3, 363.3, 0.0);
( 505722.0, 3633875.9, 173.9, 363.3, 0.0); ( 501722.0, 3633975.9, 104.1, 104.1, 0.0);
( 501822.0, 3633975.9, 104.6, 104.6, 0.0); ( 501922.0, 3633975.9, 104.9, 104.9, 0.0);
( 502022.0, 3633975.9, 104.6, 104.6, 0.0); ( 502122.0, 3633975.9, 105.4, 105.4, 0.0);
( 505322.0, 3633975.9, 192.7, 363.3, 0.0); ( 505422.0, 3633975.9, 187.1, 363.3, 0.0);
( 505522.0, 3633975.9, 184.0, 363.3, 0.0); ( 505622.0, 3633975.9, 179.9, 363.3, 0.0);
( 505722.0, 3633975.9, 170.6, 363.3, 0.0); ( 501722.0, 3634075.9, 103.5, 103.5, 0.0);
( 501822.0, 3634075.9, 104.1, 104.1, 0.0); ( 501922.0, 3634075.9, 104.4, 104.4, 0.0);
( 502022.0, 3634075.9, 104.3, 104.3, 0.0); ( 502122.0, 3634075.9, 104.0, 104.0, 0.0);
( 505322.0, 3634075.9, 187.0, 362.2, 0.0); ( 505422.0,

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3634075.9,     180.6,     363.3,       0.0);
     ( 505522.0, 3634075.9,     169.6,     363.3,       0.0);         ( 505622.0,
3634075.9,     165.6,     363.3,       0.0);
     ( 505722.0, 3634075.9,     169.5,     363.3,       0.0);         ( 501722.0,
3634175.9,     101.4,     101.4,       0.0);
     ( 501822.0, 3634175.9,     103.2,     103.2,       0.0);         ( 501922.0,
3634175.9,     103.7,     103.7,       0.0);
     ( 502022.0, 3634175.9,     101.5,     101.5,       0.0);         ( 502122.0,
3634175.9,     102.4,     102.4,       0.0);
     ( 505322.0, 3634175.9,     166.9,     363.3,       0.0);         ( 505422.0,
3634175.9,     162.2,     363.3,       0.0);
     ( 505522.0, 3634175.9,     158.8,     363.3,       0.0);         ( 505622.0,
3634175.9,     167.5,     363.3,       0.0);
     ( 505722.0, 3634175.9,     176.6,     338.7,       0.0);         ( 501722.0,
3634275.9,     100.4,     100.4,       0.0);
     ( 501822.0, 3634275.9,     100.5,     100.5,       0.0);         ( 501922.0,
3634275.9,     100.5,     100.5,       0.0);
     ( 502022.0, 3634275.9,     100.1,     100.1,       0.0);         ( 502122.0,
3634275.9,     100.1,     100.1,       0.0);
     ( 505322.0, 3634275.9,     153.1,     363.3,       0.0);         ( 505422.0,
3634275.9,     151.1,     363.3,       0.0);
     ( 505522.0, 3634275.9,     166.6,     362.2,       0.0);         ( 505622.0,
3634275.9,     172.3,     338.7,       0.0);
     ( 505722.0, 3634275.9,     181.9,     337.8,       0.0);         ( 501722.0,
3634375.9,     101.8,     101.8,       0.0);
     ( 501822.0, 3634375.9,     102.9,     102.9,       0.0);         ( 501922.0,
3634375.9,     101.4,     101.4,       0.0);
     ( 502022.0, 3634375.9,     100.9,     104.1,       0.0);         ( 502122.0,
3634375.9,     102.0,     104.7,       0.0);
     ( 505322.0, 3634375.9,     149.2,     363.3,       0.0);         ( 505422.0,
3634375.9,     150.9,     363.3,       0.0);
     ( 505522.0, 3634375.9,     174.8,     338.7,       0.0);         ( 505622.0,
3634375.9,     187.9,     187.9,       0.0);
     ( 505722.0, 3634375.9,     192.2,     195.6,       0.0);         ( 501722.0,
3634475.9,     102.9,     102.9,       0.0);
     ( 501822.0, 3634475.9,     104.1,     104.1,       0.0);         ( 501922.0,
3634475.9,     104.5,     104.5,       0.0);
     ( 502022.0, 3634475.9,     105.7,     105.7,       0.0);         ( 502122.0,
3634475.9,     104.5,     104.5,       0.0);
     ( 505322.0, 3634475.9,     153.2,     338.7,       0.0);         ( 505422.0,
3634475.9,     139.7,     363.3,       0.0);
     ( 505522.0, 3634475.9,     154.5,     338.7,       0.0);         ( 505622.0,
3634475.9,     172.7,     334.9,       0.0);
     ( 505722.0, 3634475.9,     195.4,     199.4,       0.0);         ( 501722.0,
3634575.9,     103.2,     103.2,       0.0);
     ( 501822.0, 3634575.9,     103.4,     103.4,       0.0);         ( 501922.0,
3634575.9,     103.8,     103.8,       0.0);
     ( 502022.0, 3634575.9,     104.8,     104.8,       0.0);         ( 502122.0,
3634575.9,     105.8,     105.8,       0.0);
     ( 505322.0, 3634575.9,     160.2,     337.8,       0.0);         ( 505422.0,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     ( 505522.0, 3634575.9,     142.1,     338.7,       0.0);         ( 505622.0, 3634575.9,     165.8,     199.9,       0.0);
     ( 505722.0, 3634575.9,     190.4,     199.9,       0.0);         ( 501722.0, 3634675.9,     104.5,     104.5,       0.0);
     ( 501822.0, 3634675.9,     105.8,     105.8,       0.0);         ( 501922.0, 3634675.9,     105.9,     105.9,       0.0);
     ( 502022.0, 3634675.9,     107.0,     107.0,       0.0);         ( 502122.0, 3634675.9,     104.1,     108.3,       0.0);
     ( 505322.0, 3634675.9,     160.7,     334.2,       0.0);         ( 505422.0, 3634675.9,     138.9,     338.7,       0.0);
     ( 505522.0, 3634675.9,     130.2,     338.7,       0.0);         ( 505622.0, 3634675.9,     143.2,     338.7,       0.0);
     ( 505722.0, 3634675.9,     165.1,     199.9,       0.0);         ( 501722.0, 3634775.9,     105.2,     199.7,       0.0);
     ( 501822.0, 3634775.9,     107.1,     107.1,       0.0);         ( 501922.0, 3634775.9,     106.2,     106.2,       0.0);
     ( 502022.0, 3634775.9,     108.2,     108.2,       0.0);         ( 502122.0, 3634775.9,     107.8,     107.8,       0.0);
     ( 505322.0, 3634775.9,     158.6,     183.0,       0.0);         ( 505422.0, 3634775.9,     127.3,     338.7,       0.0);
     ( 505522.0, 3634775.9,     126.6,     338.7,       0.0);         ( 505622.0, 3634775.9,     132.7,     338.7,       0.0);
     ( 505722.0, 3634775.9,     142.3,     334.2,       0.0);         ( 501722.0, 3634875.9,     105.7,     255.1,       0.0);
     ( 501822.0, 3634875.9,     108.1,     203.1,       0.0);         ( 501922.0, 3634875.9,     109.1,     111.2,       0.0);
     ( 502022.0, 3634875.9,     110.4,     110.4,       0.0);         ( 502122.0, 3634875.9,     109.5,     109.5,       0.0);
     ( 505322.0, 3634875.9,     146.0,     185.3,       0.0);         ( 505422.0, 3634875.9,     123.0,     338.7,       0.0);
     ( 505522.0, 3634875.9,     123.3,     338.7,       0.0);         ( 505622.0, 3634875.9,     124.1,     338.7,       0.0);
     ( 505722.0, 3634875.9,     127.7,     336.4,       0.0);         ( 501722.0, 3634975.9,     108.4,     255.4,       0.0);
     ( 501822.0, 3634975.9,     109.8,     255.4,       0.0);         ( 501922.0, 3634975.9,     112.2,     197.6,       0.0);
     ( 502022.0, 3634975.9,     112.2,     112.2,       0.0);         ( 502122.0,

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3634975.9,     110.8,     110.8,       0.0);
     ( 505322.0, 3634975.9,     135.6,     198.8,       0.0);         ( 505422.0,
3634975.9,     120.7,     337.8,       0.0);
     ( 505522.0, 3634975.9,     120.4,     337.0,       0.0);         ( 505622.0,
3634975.9,     121.2,     336.4,       0.0);
     ( 505722.0, 3634975.9,     121.8,     334.9,       0.0);         ( 501722.0,
3635075.9,     113.9,     255.4,       0.0);
     ( 501822.0, 3635075.9,     113.1,     255.4,       0.0);         ( 501922.0,
3635075.9,     115.9,     255.1,       0.0);
     ( 502022.0, 3635075.9,     114.9,     114.9,       0.0);         ( 502122.0,
3635075.9,     111.9,     111.9,       0.0);
     ( 505322.0, 3635075.9,     128.1,     198.8,       0.0);         ( 505422.0,
3635075.9,     119.6,     334.2,       0.0);
     ( 505522.0, 3635075.9,     118.6,     334.2,       0.0);         ( 505622.0,
3635075.9,     121.1,     199.9,       0.0);
     ( 505722.0, 3635075.9,     118.9,     200.1,       0.0);         ( 501722.0,
3635175.9,     116.0,     255.4,       0.0);
     ( 501822.0, 3635175.9,     115.1,     255.4,       0.0);         ( 501922.0,
3635175.9,     117.4,     255.4,       0.0);
     ( 502022.0, 3635175.9,     116.1,     255.4,       0.0);         ( 502122.0,
3635175.9,     113.6,     255.1,       0.0);
     ( 505322.0, 3635175.9,     116.1,     199.9,       0.0);         ( 505422.0,
3635175.9,     116.8,     199.9,       0.0);
     ( 505522.0, 3635175.9,     116.8,     199.9,       0.0);         ( 505622.0,
3635175.9,     117.0,     199.9,       0.0);
     ( 505722.0, 3635175.9,     117.5,     199.9,       0.0);         ( 501722.0,
3635275.9,     120.7,     255.4,       0.0);
     ( 501822.0, 3635275.9,     118.6,     255.4,       0.0);         ( 501922.0,
3635275.9,     118.6,     255.4,       0.0);
     ( 502022.0, 3635275.9,     118.4,     255.4,       0.0);         ( 502122.0,
3635275.9,     115.0,     255.4,       0.0);
     ( 505622.0, 3635275.9,     115.0,     199.9,       0.0);         ( 505722.0,
3635275.9,     115.6,     199.9,       0.0);
     ( 501722.0, 3635375.9,     123.7,     255.4,       0.0);         ( 501822.0,
3635375.9,     121.0,     255.4,       0.0);
     ( 501922.0, 3635375.9,     120.1,     255.4,       0.0);         ( 502022.0,
3635375.9,     119.6,     255.4,       0.0);
     ( 502122.0, 3635375.9,     116.4,     255.4,       0.0);         ( 505622.0,
3635375.9,     113.9,     198.1,       0.0);
     ( 501722.0, 3635475.9,     127.5,     255.4,       0.0);         ( 501822.0,
3635475.9,     124.8,     255.4,       0.0);
     ( 501922.0, 3635475.9,     120.8,     298.9,       0.0);         ( 502022.0,
3635475.9,     118.1,     255.4,       0.0);
     ( 502122.0, 3635475.9,     118.3,     255.4,       0.0);         ( 505622.0,
3635475.9,     112.1,     279.6,       0.0);
     ( 505722.0, 3635475.9,     108.9,     279.6,       0.0);         ( 501722.0,
3635575.9,     129.6,     304.2,       0.0);
     ( 501822.0, 3635575.9,     126.4,     304.2,       0.0);         ( 501922.0,
3635575.9,     122.1,     304.2,       0.0);
     ( 502022.0, 3635575.9,     121.3,     304.2,       0.0);         ( 502122.0,
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3635575.9,     121.8,     333.1,       0.0);
     ( 505322.0, 3635575.9,     115.7,     279.6,       0.0);         ( 505422.0,
3635575.9,     108.8,     279.6,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 505522.0, 3635575.9,     108.9,     279.6,       0.0);         ( 505622.0,
3635575.9,     108.2,     279.6,       0.0);
     ( 505722.0, 3635575.9,     108.7,     279.6,       0.0);         ( 501722.0,
3635675.9,     133.6,     304.2,       0.0);
     ( 501822.0, 3635675.9,     128.5,     304.2,       0.0);         ( 501922.0,
3635675.9,     125.1,     304.2,       0.0);
     ( 502022.0, 3635675.9,     124.4,     333.1,       0.0);         ( 502122.0,
3635675.9,     125.0,     333.1,       0.0);
     ( 505322.0, 3635675.9,     115.6,     279.6,       0.0);         ( 505422.0,
3635675.9,     113.9,     279.6,       0.0);
     ( 505522.0, 3635675.9,     108.9,     279.6,       0.0);         ( 505622.0,
3635675.9,     109.7,     279.6,       0.0);
     ( 505722.0, 3635675.9,     108.7,     279.6,       0.0);         ( 501722.0,
3635775.9,     138.5,     304.2,       0.0);
     ( 501822.0, 3635775.9,     132.1,     304.2,       0.0);         ( 501922.0,
3635775.9,     127.9,     304.2,       0.0);
     ( 502022.0, 3635775.9,     126.7,     333.1,       0.0);         ( 502122.0,
3635775.9,     126.1,     333.1,       0.0);
     ( 505322.0, 3635775.9,     116.4,     279.6,       0.0);         ( 505422.0,
3635775.9,     116.7,     279.6,       0.0);
     ( 505522.0, 3635775.9,     116.3,     279.6,       0.0);         ( 505622.0,
3635775.9,     115.0,     279.6,       0.0);
     ( 505722.0, 3635775.9,     115.8,     279.6,       0.0);         ( 501722.0,
3635875.9,     144.7,     304.2,       0.0);
     ( 501822.0, 3635875.9,     137.1,     304.2,       0.0);         ( 501922.0,
3635875.9,     131.3,     333.1,       0.0);
     ( 502022.0, 3635875.9,     130.7,     333.1,       0.0);         ( 502122.0,
3635875.9,     129.3,     333.1,       0.0);
     ( 505322.0, 3635875.9,     118.5,     279.6,       0.0);         ( 505422.0,
3635875.9,     116.3,     279.6,       0.0);
     ( 505522.0, 3635875.9,     116.7,     279.6,       0.0);         ( 505622.0,
3635875.9,     116.4,     279.6,       0.0);
     ( 505722.0, 3635875.9,     116.6,     279.6,       0.0);         ( 501722.0,
3635975.9,     148.0,     304.2,       0.0);
     ( 501822.0, 3635975.9,     139.5,     304.2,       0.0);         ( 501922.0,

3635975.9,     134.8,     333.1,       0.0);
     ( 502022.0, 3635975.9,     134.8,     333.1,       0.0);         ( 502122.0,
3635975.9,     133.4,     333.1,       0.0);
     ( 505322.0, 3635975.9,     116.6,     279.6,       0.0);         ( 505422.0,
3635975.9,     116.3,     279.6,       0.0);
     ( 505522.0, 3635975.9,     116.3,     279.6,       0.0);         ( 505622.0,
3635975.9,     117.2,     279.6,       0.0);
     ( 505722.0, 3635975.9,     116.2,     279.6,       0.0);         ( 501722.0,
3636075.9,     147.7,     304.2,       0.0);
     ( 501822.0, 3636075.9,     143.5,     304.2,       0.0);         ( 501922.0,
3636075.9,     139.4,     333.1,       0.0);
     ( 502022.0, 3636075.9,     138.9,     333.1,       0.0);         ( 502122.0,
3636075.9,     137.0,     333.1,       0.0);
     ( 502222.0, 3636075.9,     133.5,     352.4,       0.0);         ( 502322.0,
3636075.9,     127.7,     363.2,       0.0);
     ( 502422.0, 3636075.9,     124.6,     363.2,       0.0);         ( 502522.0,
3636075.9,     125.3,     363.2,       0.0);
     ( 502622.0, 3636075.9,     126.6,     363.2,       0.0);         ( 502722.0,
3636075.9,     126.9,     363.2,       0.0);
     ( 502822.0, 3636075.9,     128.1,     363.2,       0.0);         ( 502922.0,
3636075.9,     131.9,     363.2,       0.0);
     ( 503022.0, 3636075.9,     134.8,     363.2,       0.0);         ( 503122.0,
3636075.9,     140.5,     363.2,       0.0);
     ( 503222.0, 3636075.9,     137.4,     363.2,       0.0);         ( 503322.0,
3636075.9,     133.6,     363.2,       0.0);
     ( 503422.0, 3636075.9,     132.6,     363.2,       0.0);         ( 503522.0,
3636075.9,     130.5,     363.2,       0.0);
     ( 503622.0, 3636075.9,     129.3,     363.2,       0.0);         ( 503722.0,
3636075.9,     128.9,     363.2,       0.0);
     ( 503822.0, 3636075.9,     127.7,     363.2,       0.0);         ( 503922.0,
3636075.9,     128.9,     363.2,       0.0);
     ( 504022.0, 3636075.9,     127.8,     363.2,       0.0);         ( 504122.0,
3636075.9,     129.3,     333.1,       0.0);
     ( 504222.0, 3636075.9,     130.6,     333.1,       0.0);         ( 504322.0,
3636075.9,     129.8,     333.1,       0.0);
     ( 504422.0, 3636075.9,     132.9,     333.1,       0.0);         ( 504522.0,
3636075.9,     135.2,     333.1,       0.0);
     ( 504622.0, 3636075.9,     132.7,     333.1,       0.0);         ( 504722.0,
3636075.9,     124.0,     333.1,       0.0);
     ( 504822.0, 3636075.9,     119.3,     333.1,       0.0);         ( 504922.0,
3636075.9,     116.6,     333.1,       0.0);
     ( 505022.0, 3636075.9,     116.4,     333.1,       0.0);         ( 505122.0,
3636075.9,     116.0,     333.1,       0.0);
     ( 505222.0, 3636075.9,     115.7,     333.1,       0.0);         ( 505322.0,
3636075.9,     116.2,     279.6,       0.0);
     ( 505422.0, 3636075.9,     115.3,     279.6,       0.0);         ( 505522.0,
3636075.9,     116.6,     279.6,       0.0);
     ( 505622.0, 3636075.9,     117.0,     279.6,       0.0);         ( 505722.0,
3636075.9,     116.9,     279.6,       0.0);
     ( 501722.0, 3636175.9,     153.0,     304.2,       0.0);         ( 501822.0,

3636175.9,     148.3,     304.2,       0.0);
     ( 501922.0, 3636175.9,     143.1,     333.1,       0.0);         ( 502022.0,
3636175.9,     141.8,     333.1,       0.0);
     ( 502122.0, 3636175.9,     139.6,     352.4,       0.0);         ( 502222.0,
3636175.9,     135.1,     352.4,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 502322.0, 3636175.9,     128.9,     363.2,       0.0);         ( 502422.0,
3636175.9,     125.8,     363.2,       0.0);
     ( 502522.0, 3636175.9,     126.8,     363.2,       0.0);         ( 502622.0,
3636175.9,     127.8,     363.2,       0.0);
     ( 502722.0, 3636175.9,     130.2,     363.2,       0.0);         ( 502822.0,
3636175.9,     131.6,     363.2,       0.0);
     ( 502922.0, 3636175.9,     133.8,     363.2,       0.0);         ( 503022.0,
3636175.9,     137.7,     363.2,       0.0);
     ( 503122.0, 3636175.9,     147.8,     363.2,       0.0);         ( 503222.0,
3636175.9,     140.8,     363.2,       0.0);
     ( 503322.0, 3636175.9,     135.6,     363.2,       0.0);         ( 503422.0,
3636175.9,     134.4,     363.2,       0.0);
     ( 503522.0, 3636175.9,     133.9,     363.2,       0.0);         ( 503622.0,
3636175.9,     132.2,     363.2,       0.0);
     ( 503722.0, 3636175.9,     132.2,     363.2,       0.0);         ( 503822.0,
3636175.9,     132.7,     363.2,       0.0);
     ( 503922.0, 3636175.9,     133.9,     363.2,       0.0);         ( 504022.0,
3636175.9,     135.1,     363.2,       0.0);
     ( 504122.0, 3636175.9,     137.3,     333.1,       0.0);         ( 504222.0,
3636175.9,     137.6,     333.1,       0.0);
     ( 504322.0, 3636175.9,     144.1,     333.1,       0.0);         ( 504422.0,
3636175.9,     152.3,     333.1,       0.0);
     ( 504522.0, 3636175.9,     167.2,     333.1,       0.0);         ( 504622.0,
3636175.9,     153.8,     333.1,       0.0);
     ( 504722.0, 3636175.9,     132.7,     333.1,       0.0);         ( 504822.0,
3636175.9,     130.3,     333.1,       0.0);
     ( 504922.0, 3636175.9,     124.5,     333.1,       0.0);         ( 505022.0,
3636175.9,     119.5,     333.1,       0.0);
     ( 505122.0, 3636175.9,     116.4,     333.1,       0.0);         ( 505222.0,
3636175.9,     116.3,     333.1,       0.0);
     ( 505322.0, 3636175.9,     116.8,     279.6,       0.0);         ( 505422.0,
3636175.9,     117.1,     279.6,       0.0);
     ( 505522.0, 3636175.9,     116.5,     279.6,       0.0);         ( 505622.0,

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3636175.9,     117.0,     279.6,       0.0);
     ( 505722.0, 3636175.9,     117.4,     279.6,       0.0);         ( 501722.0,
3636275.9,     154.7,     304.2,       0.0);
     ( 501822.0, 3636275.9,     150.9,     304.2,       0.0);         ( 501922.0,
3636275.9,     146.2,     333.1,       0.0);
     ( 502022.0, 3636275.9,     142.4,     352.4,       0.0);         ( 502122.0,
3636275.9,     137.6,     363.2,       0.0);
     ( 502222.0, 3636275.9,     132.8,     363.2,       0.0);         ( 502322.0,
3636275.9,     129.2,     368.8,       0.0);
     ( 502422.0, 3636275.9,     127.7,     368.8,       0.0);         ( 502522.0,
3636275.9,     128.1,     368.8,       0.0);
     ( 502622.0, 3636275.9,     131.5,     368.8,       0.0);         ( 502722.0,
3636275.9,     133.1,     368.8,       0.0);
     ( 502822.0, 3636275.9,     134.8,     368.8,       0.0);         ( 502922.0,
3636275.9,     137.1,     368.8,       0.0);
     ( 503022.0, 3636275.9,     138.2,     363.2,       0.0);         ( 503122.0,
3636275.9,     143.1,     363.2,       0.0);
     ( 503222.0, 3636275.9,     146.3,     363.2,       0.0);         ( 503322.0,
3636275.9,     143.8,     363.2,       0.0);
     ( 503422.0, 3636275.9,     140.3,     363.2,       0.0);         ( 503522.0,
3636275.9,     138.4,     363.2,       0.0);
     ( 503622.0, 3636275.9,     137.1,     363.2,       0.0);         ( 503722.0,
3636275.9,     136.4,     363.2,       0.0);
     ( 503822.0, 3636275.9,     136.6,     363.2,       0.0);         ( 503922.0,
3636275.9,     138.1,     363.2,       0.0);
     ( 504022.0, 3636275.9,     141.4,     363.2,       0.0);         ( 504122.0,
3636275.9,     146.3,     333.1,       0.0);
     ( 504222.0, 3636275.9,     157.5,     333.1,       0.0);         ( 504322.0,
3636275.9,     191.5,     333.1,       0.0);
     ( 504422.0, 3636275.9,     203.4,     279.6,       0.0);         ( 504522.0,
3636275.9,     215.0,     279.6,       0.0);
     ( 504622.0, 3636275.9,     181.8,     279.6,       0.0);         ( 504722.0,
3636275.9,     156.8,     333.1,       0.0);
     ( 504822.0, 3636275.9,     163.3,     333.1,       0.0);         ( 504922.0,
3636275.9,     138.7,     333.1,       0.0);
     ( 505022.0, 3636275.9,     120.5,     333.1,       0.0);         ( 505122.0,
3636275.9,     117.0,     333.1,       0.0);
     ( 505222.0, 3636275.9,     116.8,     333.1,       0.0);         ( 505322.0,
3636275.9,     117.5,     333.1,       0.0);
     ( 505422.0, 3636275.9,     117.9,     279.6,       0.0);         ( 505522.0,
3636275.9,     117.0,     279.6,       0.0);
     ( 505622.0, 3636275.9,     117.4,     279.6,       0.0);         ( 505722.0,
3636275.9,     118.2,     279.6,       0.0);
     ( 501722.0, 3636375.9,     157.2,     304.2,       0.0);         ( 501822.0,
3636375.9,     152.6,     333.1,       0.0);
     ( 501922.0, 3636375.9,     146.4,     352.4,       0.0);         ( 502022.0,
3636375.9,     142.9,     363.2,       0.0);
     ( 502122.0, 3636375.9,     138.0,     368.8,       0.0);         ( 502222.0,
3636375.9,     134.8,     368.8,       0.0);
     ( 502322.0, 3636375.9,     133.4,     368.8,       0.0);         ( 502422.0,
```

3636375.9,     130.9,     368.8,       0.0);
     ( 502522.0, 3636375.9,     131.2,     368.8,       0.0);         ( 502622.0,
3636375.9,     131.8,     368.8,       0.0);
     ( 502722.0, 3636375.9,     135.7,     368.8,       0.0);         ( 502822.0,
3636375.9,     139.1,     368.8,       0.0);
     ( 502922.0, 3636375.9,     142.1,     368.8,       0.0);         ( 503022.0,
3636375.9,     144.5,     368.8,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 503122.0, 3636375.9,     149.0,     363.2,       0.0);         ( 503222.0,
3636375.9,     154.0,     363.2,       0.0);
     ( 503322.0, 3636375.9,     152.6,     363.2,       0.0);         ( 503422.0,
3636375.9,     145.3,     363.2,       0.0);
     ( 503522.0, 3636375.9,     143.8,     363.2,       0.0);         ( 503622.0,
3636375.9,     143.0,     363.2,       0.0);
     ( 503722.0, 3636375.9,     141.1,     363.2,       0.0);         ( 503822.0,
3636375.9,     140.3,     363.2,       0.0);
     ( 503922.0, 3636375.9,     145.6,     363.2,       0.0);         ( 504022.0,
3636375.9,     149.4,     363.2,       0.0);
     ( 504122.0, 3636375.9,     157.6,     333.1,       0.0);         ( 504222.0,
3636375.9,     176.7,     333.1,       0.0);
     ( 504322.0, 3636375.9,     206.2,     333.1,       0.0);         ( 504422.0,
3636375.9,     228.3,     279.6,       0.0);
     ( 504522.0, 3636375.9,     231.9,     279.6,       0.0);         ( 504622.0,
3636375.9,     202.9,     279.6,       0.0);
     ( 504722.0, 3636375.9,     178.4,     333.1,       0.0);         ( 504822.0,
3636375.9,     187.9,     279.6,       0.0);
     ( 504922.0, 3636375.9,     179.4,     279.6,       0.0);         ( 505022.0,
3636375.9,     141.3,     333.1,       0.0);
     ( 505122.0, 3636375.9,     119.7,     333.1,       0.0);         ( 505222.0,
3636375.9,     118.9,     333.1,       0.0);
     ( 505322.0, 3636375.9,     118.6,     333.1,       0.0);         ( 505422.0,
3636375.9,     118.0,     279.6,       0.0);
     ( 505522.0, 3636375.9,     118.0,     279.6,       0.0);         ( 505622.0,
3636375.9,     118.0,     279.6,       0.0);
     ( 505722.0, 3636375.9,     118.6,     279.6,       0.0);         ( 501722.0,
3636475.9,     163.4,     304.2,       0.0);
     ( 501822.0, 3636475.9,     157.5,     333.1,       0.0);         ( 501922.0,
3636475.9,     147.8,     352.4,       0.0);
     ( 502022.0, 3636475.9,     145.3,     363.2,       0.0);         ( 502122.0,

3636475.9,     142.2,     368.8,       0.0);
     ( 502222.0, 3636475.9,     138.3,     368.8,       0.0);         ( 502322.0,
3636475.9,     135.0,     368.8,       0.0);
     ( 502422.0, 3636475.9,     132.7,     368.8,       0.0);         ( 502522.0,
3636475.9,     133.6,     368.8,       0.0);
     ( 502622.0, 3636475.9,     134.6,     368.8,       0.0);         ( 502722.0,
3636475.9,     138.0,     368.8,       0.0);
     ( 502822.0, 3636475.9,     144.2,     368.8,       0.0);         ( 502922.0,
3636475.9,     147.0,     368.8,       0.0);
     ( 503022.0, 3636475.9,     151.1,     368.8,       0.0);         ( 503122.0,
3636475.9,     156.8,     363.2,       0.0);
     ( 503222.0, 3636475.9,     162.1,     363.2,       0.0);         ( 503322.0,
3636475.9,     158.5,     363.2,       0.0);
     ( 503422.0, 3636475.9,     153.5,     363.2,       0.0);         ( 503522.0,
3636475.9,     150.2,     363.2,       0.0);
     ( 503622.0, 3636475.9,     148.9,     363.2,       0.0);         ( 503722.0,
3636475.9,     146.1,     363.2,       0.0);
     ( 503822.0, 3636475.9,     148.5,     363.2,       0.0);         ( 503922.0,
3636475.9,     153.5,     363.2,       0.0);
     ( 504022.0, 3636475.9,     181.2,     333.1,       0.0);         ( 504122.0,
3636475.9,     177.1,     333.1,       0.0);
     ( 504222.0, 3636475.9,     179.1,     333.1,       0.0);         ( 504322.0,
3636475.9,     214.7,     333.1,       0.0);
     ( 504422.0, 3636475.9,     239.0,     279.6,       0.0);         ( 504522.0,
3636475.9,     247.8,     279.6,       0.0);
     ( 504622.0, 3636475.9,     238.9,     279.6,       0.0);         ( 504722.0,
3636475.9,     223.5,     279.6,       0.0);
     ( 504822.0, 3636475.9,     212.8,     279.6,       0.0);         ( 504922.0,
3636475.9,     184.7,     279.6,       0.0);
     ( 505022.0, 3636475.9,     147.6,     333.1,       0.0);         ( 505122.0,
3636475.9,     121.2,     333.1,       0.0);
     ( 505222.0, 3636475.9,     120.0,     333.1,       0.0);         ( 505322.0,
3636475.9,     119.4,     333.1,       0.0);
     ( 505422.0, 3636475.9,     118.3,     333.1,       0.0);         ( 505522.0,
3636475.9,     118.1,     279.6,       0.0);
     ( 505622.0, 3636475.9,     118.3,     279.6,       0.0);         ( 505722.0,
3636475.9,     118.5,     279.6,       0.0);


                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1

1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,



*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: LES_2019-2021_v22112.SFC
Met Version: 22112
Profile file: LES_2019-2021_v22112.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 53143 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2019 Year: 2019

First 24 hours of scalar data

| YR | MO | DY | JDY | HR | H0 | U* | W* | DT/DZ | ZICNV | ZIMCH | M-O LEN | Z0 | BOWEN | ALBEDO | REF WS | WD | HT | REF TA | HT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | 01 | 01 | 1 | 01 | -1.2 | 0.036 | -9.000 | -9.000 | -999. | 17. | 3.4 | 0.03 | 1.10 | 1.00 | 1.07 | 109. | 10.0 | 279.8 | 10.0 |
| 19 | 01 | 01 | 1 | 02 | -0.4 | 0.018 | -9.000 | -9.000 | -999. | 6. | 1.5 | 0.03 | 1.10 | 1.00 | 0.54 | 221. | 10.0 | 278.4 | 10.0 |
| 19 | 01 | 01 | 1 | 03 | -0.4 | 0.020 | -9.000 | -9.000 | -999. | 7. | 1.7 | 0.03 | 1.10 | 1.00 | 0.58 | 120. | 10.0 | 277.3 | 10.0 |
| 19 | 01 | 01 | 1 | 04 | -0.9 | 0.029 | -9.000 | -9.000 | -999. | 12. | 2.3 | 0.03 | 1.10 | 1.00 | 0.85 | 74. | 10.0 | 276.5 | 10.0 |
| 19 | 01 | 01 | 1 | 05 | -0.6 | 0.024 | -9.000 | -9.000 | -999. | 9. | 2.0 | 0.03 | 1.10 | 1.00 | 0.72 | 108. | 10.0 | 276.0 | 10.0 |
| 19 | 01 | 01 | 1 | 06 | -1.1 | 0.032 | -9.000 | -9.000 | -999. | 14. | 2.6 | 0.03 | 1.10 | 1.00 | 0.94 | 44. | 10.0 | 275.4 | 10.0 |
| 19 | 01 | 01 | 1 | 07 | -0.7 | 0.024 | -9.000 | -9.000 | -999. | 9. | 2.0 | 0.03 | 1.10 | 1.00 | 0.72 | 288. | 10.0 | 275.5 | 10.0 |
| 19 | 01 | 01 | 1 | 08 | -0.5 | 0.024 | -9.000 | -9.000 | -999. | 9. | 2.5 | 0.03 | 1.10 | 0.49 | 0.72 | 231. | 10.0 | 276.0 | 10.0 |
| 19 | 01 | 01 | 1 | 09 | 33.8 | -9.000 | -9.000 | -9.000 | 154. | -999. | -99999.0 | 0.03 | 1.10 | 0.30 | 0.00 | 0. | 10.0 | 279.9 | 10.0 |
| 19 | 01 | 01 | 1 | 10 | 85.0 | 0.120 | 0.857 | 0.005 | 265. | 100. | -1.8 | 0.03 | 1.10 | 0.23 | 1.16 | 332. | 10.0 | 283.3 | 10.0 |
| 19 | 01 | 01 | 1 | 11 | 119.9 | 0.189 | 1.381 | 0.005 | 785. | 197. | -5.0 | 0.03 | 1.10 | 0.21 | 2.10 | 320. | 10.0 | 285.3 | 10.0 |
| 19 | 01 | 01 | 1 | 12 | 136.4 | 0.238 | 1.521 | 0.005 | 922. | 278. | -8.8 | 0.03 | 1.10 | 0.20 | 2.82 | 18. | 10.0 | 286.5 | 10.0 |
| 19 | 01 | 01 | 1 | 13 | 133.6 | 0.307 | 1.572 | 0.005 | 1039. | 409. | -19.4 | 0.03 | 1.10 | 0.20 | 3.93 | 12. | 10.0 | 286.8 | 10.0 |
| 19 | 01 | 01 | 1 | 14 | 112.1 | 0.313 | 1.524 | 0.005 | 1127. | 419. | -24.3 | 0.03 | 1.10 | 0.21 | 4.07 | 26. | 10.0 | 286.8 | 10.0 |
| 19 | 01 | 01 | 1 | 15 | 72.7 | 0.324 | 1.339 | 0.005 | 1180. | 443. | -41.9 | 0.03 | 1.10 | 0.24 | 4.38 | 62. | 10.0 | 286.8 | 10.0 |
| 19 | 01 | 01 | 1 | 16 | 18.5 | 0.316 | 0.851 | 0.005 | 1191. | 426. | -152.4 | 0.03 | 1.10 | 0.33 | 4.51 | 44. | 10.0 | 285.8 | 10.0 |
| 19 | 01 | 01 | 1 | 17 | -999.0 | -9.000 | -9.000 | -9.000 | -999. | -999. | -99999.0 | 0.03 | 1.10 | 0.61 | 4.02 | 71. | 10.0 | 284.5 | 10.0 |
| 19 | 01 | 01 | 1 | 18 | -21.6 | 0.194 | -9.000 | -9.000 | -999. | 205. | 30.1 | 0.03 | 1.10 | 1.00 | 3.67 | 76. | 10.0 | 283.2 | 10.0 |
| 19 | 01 | 01 | 1 | 19 | -8.3 | 0.088 | -9.000 | -9.000 | -999. | 69. | 7.2 | 0.03 | 1.10 | 1.00 | 2.59 | 53. | 10.0 | 282.6 | 10.0 |
| 19 | 01 | 01 | 1 | 20 | -4.6 | 0.065 | -9.000 | -9.000 | -999. | 40. | 5.3 | 0.03 | 1.10 | 1.00 | 1.92 | 93. | 10.0 | 280.8 | 10.0 |
| 19 | 01 | 01 | 1 | 21 | -2.7 | 0.050 | -9.000 | -9.000 | -999. | 27. | 4.1 | 0.03 | 1.10 | 1.00 | 1.48 | 85. | 10.0 | 278.6 | 10.0 |
| 19 | 01 | 01 | 1 | 22 | -1.2 | 0.033 | -9.000 | -9.000 | -999. | 14. | 2.7 | 0.03 | 1.10 | 1.00 | 0.98 | 82. | 10.0 | 277.5 | 10.0 |
| 19 | 01 | 01 | 1 | 23 | -4.0 | 0.061 | -9.000 | -9.000 | -999. | 36. | 4.9 | 0.03 | 1.10 | | | | | | |

1.00    1.79   85.   10.0  276.5   10.0
 19 01 01   1 24   -5.3  0.070 -9.000 -9.000 -999.   44.      5.7  0.03   1.10
1.00    2.06  100.   10.0  276.4   10.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 19 01 01 01   10.0 1  109.    1.07   279.9   38.0  -99.00    0.58

 F indicates top of profile (=1) or below (=0)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3                **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)        Y-COORD (M)        CONC
 - - -

3633475.90 1.50451
503321.98 3633475.90 1.27400 503371.98 3633475.90 0.94657
503421.98 3633475.90 0.96329 503471.98 3633475.90 0.99163
503521.98 3633475.90 1.04310 503621.98 3633475.90 1.05510
503671.98 3633475.90 0.94028 503721.98 3633475.90 0.86331
503771.98 3633475.90 0.87465 503821.98 3633475.90 0.83685
503871.98 3633475.90 0.84098 503921.98 3633475.90 0.90820
503971.98 3633475.90 0.91733 504021.98 3633475.90 0.87811
504071.98 3633475.90 0.89156 504121.98 3633475.90 0.92867
504171.98 3633475.90 0.89254 504221.98 3633475.90 0.91220
504271.98 3633475.90 0.94510 504321.98 3633475.90 0.94583
504371.98 3633475.90 0.86146 504421.98 3633475.90 0.80753
504471.98 3633475.90 0.77900 504521.98 3633475.90 0.77109
504571.98 3633475.90 0.78695 504621.98 3633475.90 0.81049
504671.98 3633475.90 0.82214 504721.98 3633475.90 0.84395
502721.98 3633525.90 1.00433 502771.98 3633525.90 1.04942
502821.98 3633525.90 1.09693 502871.98 3633525.90 1.14699
502921.98 3633525.90 1.19902 502971.98 3633525.90 1.25342
503021.98 3633525.90 1.30993 503071.98 3633525.90 1.36846
503121.98 3633525.90 1.42863 503171.98 3633525.90 1.49002
503221.98 3633525.90 1.55191 503271.98 3633525.90 1.60817
503321.98 3633525.90 1.62500 503371.98 3633525.90 1.27250
503421.98 3633525.90 1.23482 503471.98 3633525.90 1.23968
503521.98 3633525.90 1.21288 503621.98 3633525.90 1.30460
503671.98 3633525.90 1.21659 503721.98 3633525.90 1.20952
503771.98 3633525.90 1.08910 503821.98

3633525.90        0.98491
         503871.98    3633525.90        1.02428                      503921.98
3633525.90        1.10575
         503971.98    3633525.90        1.07216                      504021.98
3633525.90        1.01001
         504071.98    3633525.90        1.03049                      504121.98
3633525.90        1.08515
         504171.98    3633525.90        1.08810                      504221.98
3633525.90        1.09960
         504271.98    3633525.90        1.06849                      504321.98
3633525.90        0.93331
         504371.98    3633525.90        0.88779                      504421.98
3633525.90        0.85511
         504471.98    3633525.90        0.84099                      504521.98
3633525.90        0.85942
         504571.98    3633525.90        0.89141                      504621.98
3633525.90        0.91605
         504671.98    3633525.90        0.91839                      504721.98
3633525.90        0.91285

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633575.90        1.04303                      502771.98
3633575.90        1.09211

```
         502821.98    3633575.90        1.14442                    502871.98
3633575.90        1.19965
         502921.98    3633575.90        1.25730                    502971.98
3633575.90        1.31790
         503021.98    3633575.90        1.38116                    503071.98
3633575.90        1.44709
         503121.98    3633575.90        1.51514                    503171.98
3633575.90        1.58529
         503221.98    3633575.90        1.65675                    503271.98
3633575.90        1.72798
         503321.98    3633575.90        1.78492                    503371.98
3633575.90        1.59788
         503421.98    3633575.90        1.57805                    503471.98
3633575.90        1.54099
         503521.98    3633575.90        1.62220                    503621.98
3633575.90        1.42999
         503671.98    3633575.90        1.44850                    503721.98
3633575.90        1.47541
         503771.98    3633575.90        1.34441                    503821.98
3633575.90        1.25527
         503871.98    3633575.90        1.33127                    503921.98
3633575.90        1.34408
         503971.98    3633575.90        1.27207                    504021.98
3633575.90        1.25652
         504071.98    3633575.90        1.22513                    504121.98
3633575.90        1.26721
         504171.98    3633575.90        1.27990                    504221.98
3633575.90        1.30401
         504271.98    3633575.90        1.14125                    504321.98
3633575.90        1.00207
         504371.98    3633575.90        0.96037                    504421.98
3633575.90        0.92363
         504471.98    3633575.90        0.92695                    504521.98
3633575.90        0.97015
         504571.98    3633575.90        1.01835                    504621.98
3633575.90        1.00689
         504671.98    3633575.90        0.99498                    504721.98
3633575.90        0.98540
         502721.98    3633625.90        1.08344                    502771.98
3633625.90        1.13688
         502821.98    3633625.90        1.19359                    502871.98
3633625.90        1.25398
         502921.98    3633625.90        1.31787                    502971.98
3633625.90        1.38576
         503021.98    3633625.90        1.45703                    503071.98
3633625.90        1.53113
         503121.98    3633625.90        1.60830                    503171.98
3633625.90        1.68884
         503221.98    3633625.90        1.77146                    503271.98
3633625.90        1.85458
```

```
         503321.98    3633625.90        1.93653                       503371.98
3633625.90        1.94420
         503421.98    3633625.90        1.80070                       503471.98
3633625.90        1.77677
         503521.98    3633625.90        1.81715                       503621.98
3633625.90        1.67301
         503671.98    3633625.90        1.59777                       503721.98
3633625.90        1.67075
         503771.98    3633625.90        1.50365                       503821.98
3633625.90        1.48883
         503871.98    3633625.90        1.54127                       503921.98
3633625.90        1.51091
         503971.98    3633625.90        1.50218                       504021.98
3633625.90        1.44718
         504071.98    3633625.90        1.40826                       504121.98
3633625.90        1.47832
         504171.98    3633625.90        1.49467                       504221.98
3633625.90        1.46037
         504271.98    3633625.90        1.30758                       504321.98
3633625.90        1.18210
         504371.98    3633625.90        1.08546                       504421.98
3633625.90        1.04282
         504471.98    3633625.90        1.04179                       504521.98
3633625.90        1.11517
         504571.98    3633625.90        1.12931                       504621.98
3633625.90        1.10993
         504671.98    3633625.90        1.11591                       504721.98
3633625.90        1.08254
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 1.12486 | 502771.98 | 3633675.90 | 1.18292 |
| 502821.98 | 3633675.90 | 1.24478 | 502871.98 | 3633675.90 | 1.31098 |
| 502921.98 | 3633675.90 | 1.38226 | 502971.98 | 3633675.90 | 1.45754 |
| 503021.98 | 3633675.90 | 1.53729 | 503071.98 | 3633675.90 | 1.62077 |
| 503121.98 | 3633675.90 | 1.70889 | 503171.98 | 3633675.90 | 1.80115 |
| 503221.98 | 3633675.90 | 1.89691 | 503271.98 | 3633675.90 | 1.99475 |
| 503321.98 | 3633675.90 | 2.09264 | 503371.98 | 3633675.90 | 2.19110 |
| 503421.98 | 3633675.90 | 2.28685 | 503471.98 | 3633675.90 | 2.27258 |
| 503521.98 | 3633675.90 | 2.23616 | 503571.98 | 3633675.90 | 1.85285 |
| 503671.98 | 3633675.90 | 1.80750 | 503721.98 | 3633675.90 | 1.85207 |
| 503771.98 | 3633675.90 | 1.83855 | 503821.98 | 3633675.90 | 1.78775 |
| 503871.98 | 3633675.90 | 1.75061 | 503921.98 | 3633675.90 | 1.75240 |
| 503971.98 | 3633675.90 | 1.71638 | 504021.98 | 3633675.90 | 1.67070 |
| 504071.98 | 3633675.90 | 1.67159 | 504121.98 | 3633675.90 | 1.71220 |
| 504171.98 | 3633675.90 | 1.73400 | 504221.98 | 3633675.90 | 1.70479 |
| 504271.98 | 3633675.90 | 1.55955 | 504321.98 | 3633675.90 | 1.37118 |
| 504371.98 | 3633675.90 | 1.24023 | 504421.98 | 3633675.90 | 1.19725 |
| 504471.98 | 3633675.90 | 1.23624 | 504521.98 | 3633675.90 | 1.27569 |
| 504571.98 | 3633675.90 | 1.25538 | 504621.98 | 3633675.90 | 1.23956 |
| 504671.98 | 3633675.90 | 1.21885 | 504721.98 | 3633675.90 | 1.19721 |
| 502721.98 | 3633725.90 | 1.16718 | 502771.98 | 3633725.90 | 1.23050 |
| 502821.98 | 3633725.90 | 1.29793 | 502871.98 | | |

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3633725.90        1.37097
         502921.98    3633725.90        1.45019                          502971.98
3633725.90        1.53357
         503021.98    3633725.90        1.62143                          503071.98
3633725.90        1.71670
         503121.98    3633725.90        1.81707                          503171.98
3633725.90        1.92299
         503221.98    3633725.90        2.03419                          503271.98
3633725.90        2.14902
         503321.98    3633725.90        2.26662                          503371.98
3633725.90        2.38510
         503421.98    3633725.90        2.50252                          503471.98
3633725.90        2.61127
         503521.98    3633725.90        2.67252                          503571.98
3633725.90        2.49139
         503721.98    3633725.90        2.23784                          503771.98
3633725.90        2.12689
         503821.98    3633725.90        2.11370                          503871.98
3633725.90        2.04517
         503921.98    3633725.90        2.02500                          503971.98
3633725.90        1.94415
         504021.98    3633725.90        1.91222                          504071.98
3633725.90        1.92319
         504121.98    3633725.90        2.01491                          504171.98
3633725.90        1.99552
         504221.98    3633725.90        1.93464                          504271.98
3633725.90        1.91420
         504321.98    3633725.90        1.63264                          504371.98
3633725.90        1.46829
         504421.98    3633725.90        1.42318                          504471.98
3633725.90        1.44872
         504521.98    3633725.90        1.43947                          504571.98
3633725.90        1.40381
         504621.98    3633725.90        1.42868                          504671.98
3633725.90        1.38262
         504721.98    3633725.90        1.32068                          502721.98
3633775.90        1.20988
```



*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):  L0000001  , L0000002 , L0000003  , L0000004  , L0000005  ,
L0000006  , L0000007  , L0000008  , L0000009  , L0000010

```
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502771.98    3633775.90        1.27876                       502821.98
3633775.90        1.35279
         502871.98    3633775.90        1.43266                       502921.98
3633775.90        1.51984
         502971.98    3633775.90        1.61320                       503021.98
3633775.90        1.71255
         503071.98    3633775.90        1.81919                       503121.98
3633775.90        1.93333
         503171.98    3633775.90        2.05510                       503221.98
3633775.90        2.18389
         503271.98    3633775.90        2.31923                       503321.98
3633775.90        2.45911
         503371.98    3633775.90        2.60182                       503421.98
3633775.90        2.74504
         503471.98    3633775.90        2.88524                       503771.98
3633775.90        2.48501
         503821.98    3633775.90        2.45220                       503871.98
3633775.90        2.43156
         503921.98    3633775.90        2.31069                       503971.98
3633775.90        2.22062
         504021.98    3633775.90        2.20902                       504071.98
3633775.90        2.41633
         504121.98    3633775.90        2.38935                       504171.98
3633775.90        2.37040
         504221.98    3633775.90        2.28958                       504271.98
3633775.90        2.17920
         504321.98    3633775.90        1.93089                       504371.98
3633775.90        1.78936
         504421.98    3633775.90        1.73652                       504471.98
3633775.90        1.65194
         504521.98    3633775.90        1.70396                       504571.98
3633775.90        1.75882
         504621.98    3633775.90        1.67943                       504671.98
3633775.90        1.58011
```

```
         504721.98    3633775.90        1.49125                        502721.98
3633825.90        1.25319
         502771.98    3633825.90        1.32771                        502821.98
3633825.90        1.40868
         502871.98    3633825.90        1.49631                        502921.98
3633825.90        1.59266
         502971.98    3633825.90        1.69599                        503021.98
3633825.90        1.80735
         503071.98    3633825.90        1.92796                        503121.98
3633825.90        2.05818
         503171.98    3633825.90        2.19857                        503221.98
3633825.90        2.34861
         503271.98    3633825.90        2.50783                        503771.98
3633825.90        3.06558
         503821.98    3633825.90        3.05341                        503871.98
3633825.90        2.87978
         503921.98    3633825.90        2.66900                        503971.98
3633825.90        2.61558
         504021.98    3633825.90        2.86418                        504071.98
3633825.90        2.81819
         504121.98    3633825.90        2.80601                        504171.98
3633825.90        2.82513
         504221.98    3633825.90        2.72088                        504271.98
3633825.90        2.62901
         504321.98    3633825.90        2.51590                        504371.98
3633825.90        2.35886
         504421.98    3633825.90        2.17818                        504471.98
3633825.90        2.08152
         504521.98    3633825.90        2.05373                        504571.98
3633825.90        2.06243
         504621.98    3633825.90        1.91308                        504671.98
3633825.90        1.77773
         504721.98    3633825.90        1.70122                        502721.98
3633875.90        1.29611
         502771.98    3633875.90        1.37688                        502821.98
3633875.90        1.46481
         502871.98    3633875.90        1.56056                        502921.98
3633875.90        1.66726
         502971.98    3633875.90        1.78163                        503021.98
3633875.90        1.90657
         503071.98    3633875.90        2.04311                        503121.98
3633875.90        2.19121
         503171.98    3633875.90        2.35273                        503221.98
3633875.90        2.52760
         503271.98    3633875.90        2.71553                        503821.98
3633875.90        3.59817
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:32:02
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 3.34130 | 503921.98 | 3633875.90 | 3.24332 |
| 503971.98 | 3633875.90 | 3.51697 | 504021.98 | 3633875.90 | 3.46215 |
| 504071.98 | 3633875.90 | 3.31123 | 504121.98 | 3633875.90 | 3.36417 |
| 504171.98 | 3633875.90 | 3.26495 | 504221.98 | 3633875.90 | 3.17623 |
| 504271.98 | 3633875.90 | 3.06116 | 504321.98 | 3633875.90 | 2.86946 |
| 504371.98 | 3633875.90 | 2.73032 | 504421.98 | 3633875.90 | 2.55160 |
| 504471.98 | 3633875.90 | 2.46542 | 504521.98 | 3633875.90 | 2.47024 |
| 504571.98 | 3633875.90 | 2.37671 | 504621.98 | 3633875.90 | 2.21241 |
| 504671.98 | 3633875.90 | 1.92421 | 504721.98 | 3633875.90 | 1.84850 |
| 502721.98 | 3633925.90 | 1.33851 | 502771.98 | 3633925.90 | 1.42521 |
| 502821.98 | 3633925.90 | 1.52059 | 502871.98 | 3633925.90 | 1.62601 |
| 502921.98 | 3633925.90 | 1.74246 | 502971.98 | 3633925.90 | 1.86868 |
| 503021.98 | 3633925.90 | 2.00850 | 503071.98 | | |

3633925.90 2.16259
503121.98 3633925.90 2.33174 503171.98
3633925.90 2.51757
503221.98 3633925.90 2.72100 503271.98
3633925.90 2.94337
503821.98 3633925.90 4.39036 503871.98
3633925.90 4.21113
503921.98 3633925.90 4.22356 503971.98
3633925.90 4.44585
504021.98 3633925.90 4.18574 504071.98
3633925.90 4.10818
504121.98 3633925.90 3.95850 504171.98
3633925.90 3.89551
504221.98 3633925.90 3.80595 504271.98
3633925.90 3.64146
504321.98 3633925.90 3.51293 504371.98
3633925.90 3.28801
504421.98 3633925.90 3.15541 504471.98
3633925.90 2.97933
504521.98 3633925.90 2.78087 504571.98
3633925.90 2.49572
504621.98 3633925.90 2.27273 504671.98
3633925.90 2.10016
504721.98 3633925.90 1.94148 502721.98
3633975.90 1.38030
502771.98 3633975.90 1.47288 502821.98
3633975.90 1.57513
502871.98 3633975.90 1.69056 502921.98
3633975.90 1.81766
502971.98 3633975.90 1.95681 503021.98
3633975.90 2.11260
503071.98 3633975.90 2.28567 503121.98
3633975.90 2.47818
503171.98 3633975.90 2.69207 503221.98
3633975.90 2.92964
503271.98 3633975.90 3.19279 503821.98
3633975.90 5.42954
503871.98 3633975.90 5.35249 503921.98
3633975.90 5.93694
503971.98 3633975.90 5.47851 504021.98
3633975.90 5.17073
504071.98 3633975.90 4.93327 504121.98
3633975.90 4.82735
504171.98 3633975.90 4.66964 504221.98
3633975.90 4.43217
504271.98 3633975.90 4.24208 504321.98
3633975.90 4.09299
504371.98 3633975.90 3.79230 504421.98
3633975.90 3.58784
504471.98 3633975.90 3.18995 504521.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3634025.90        1.42231                       502771.98
3634025.90        1.52199
         502821.98    3634025.90        1.63141                       502871.98
3634025.90        1.75402
         502921.98    3634025.90        1.89073                       502971.98
3634025.90        2.04460
         503021.98    3634025.90        2.21816                       503071.98
3634025.90        2.41095
         503121.98    3634025.90        2.62898                       503171.98
3634025.90        2.87472
         503221.98    3634025.90        3.15133                       503271.98
3634025.90        3.46252
         503871.98    3634025.90        7.30049                       503921.98
3634025.90        7.27002
         503971.98    3634025.90        6.64825                       504021.98
3634025.90        6.39329

504071.98 3634025.90 6.04889 504121.98
3634025.90 5.80447
504171.98 3634025.90 5.47121 504221.98
3634025.90 5.23123
504271.98 3634025.90 4.94198 504321.98
3634025.90 4.67849
504371.98 3634025.90 4.27712 504421.98
3634025.90 3.65350
504471.98 3634025.90 3.22965 504521.98
3634025.90 2.92564
504571.98 3634025.90 2.61616 504621.98
3634025.90 2.27899
504671.98 3634025.90 2.03293 504721.98
3634025.90 1.82931
502721.98 3634075.90 1.46168 502771.98
3634075.90 1.56537
502821.98 3634075.90 1.68277 502871.98
3634075.90 1.81565
502921.98 3634075.90 1.96385 502971.98
3634075.90 2.13084
503021.98 3634075.90 2.32173 503071.98
3634075.90 2.53715
503121.98 3634075.90 2.78235 503171.98
3634075.90 3.06283
503221.98 3634075.90 3.38323 503271.98
3634075.90 3.75066
503871.98 3634075.90 9.18405 503921.98
3634075.90 8.90985
503971.98 3634075.90 8.49458 504021.98
3634075.90 7.79284
504071.98 3634075.90 7.35458 504121.98
3634075.90 6.96425
504171.98 3634075.90 6.57651 504221.98
3634075.90 6.20788
504271.98 3634075.90 5.82584 504321.98
3634075.90 5.28110
504371.98 3634075.90 4.51329 504421.98
3634075.90 3.91356
504471.98 3634075.90 3.36832 504521.98
3634075.90 2.87554
504571.98 3634075.90 2.48570 504621.98
3634075.90 2.13712
504671.98 3634075.90 1.94559 504721.98
3634075.90 1.80527
502721.98 3634125.90 1.49851 502771.98
3634125.90 1.60727
502821.98 3634125.90 1.73218 502871.98
3634125.90 1.87442
502921.98 3634125.90 2.03301 502971.98
3634125.90 2.21401

```
         503021.98    3634125.90        2.42252                       503071.98
3634125.90        2.66011
         503121.98    3634125.90        2.93459                       503171.98
3634125.90        3.25290
         503221.98    3634125.90        3.61947                       503271.98
3634125.90        4.05229
         503921.98    3634125.90       11.22937                       503971.98
3634125.90       10.57880
         504021.98    3634125.90        9.82841                       504071.98
3634125.90        9.09360
         504121.98    3634125.90        8.49122                       504171.98
3634125.90        7.92433
         504221.98    3634125.90        7.35259                       504271.98
3634125.90        6.70313
```



```
                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504321.98    3634125.90        5.91047                       504371.98
3634125.90        5.03944
         504421.98    3634125.90        4.15255                       504471.98
3634125.90        3.26489
         504521.98    3634125.90        2.80729                       504571.98
3634125.90        2.40464
         504621.98    3634125.90        2.10944                       504671.98
```

3634125.90 1.94127
504721.98 3634125.90 1.76759 502721.98
3634175.90 1.52934
502771.98 3634175.90 1.64599 502821.98
3634175.90 1.77862
502871.98 3634175.90 1.92918 502921.98
3634175.90 2.09819
502971.98 3634175.90 2.29259 503021.98
3634175.90 2.51866
503071.98 3634175.90 2.77786 503121.98
3634175.90 3.08074
503171.98 3634175.90 3.43512 503221.98
3634175.90 3.85062
503271.98 3634175.90 4.35129 503971.98
3634175.90 13.54964
504021.98 3634175.90 12.35390 504071.98
3634175.90 11.13759
504121.98 3634175.90 10.14349 504171.98
3634175.90 9.04990
504221.98 3634175.90 8.46419 504271.98
3634175.90 7.59094
504321.98 3634175.90 6.68308 504371.98
3634175.90 4.92888
504421.98 3634175.90 3.57389 504471.98
3634175.90 3.12623
504521.98 3634175.90 2.73369 504571.98
3634175.90 2.29584
504621.98 3634175.90 2.00703 504671.98
3634175.90 1.80740
504721.98 3634175.90 1.60911 502721.98
3634225.90 1.55894
502771.98 3634225.90 1.68231 502821.98
3634225.90 1.82197
502871.98 3634225.90 1.97983 502921.98
3634225.90 2.15815
502971.98 3634225.90 2.36502 503021.98
3634225.90 2.60722
503071.98 3634225.90 2.88783 503121.98
3634225.90 3.21849
503171.98 3634225.90 3.61010 503221.98
3634225.90 4.08057
503271.98 3634225.90 4.65481 504071.98
3634225.90 13.79846
504121.98 3634225.90 11.93989 504171.98
3634225.90 10.46900
504221.98 3634225.90 9.02107 504271.98
3634225.90 8.26644
504321.98 3634225.90 7.11218 504371.98
3634225.90 4.83046
504421.98 3634225.90 3.49754 504471.98

3634225.90        3.05564
         504521.98    3634225.90        2.65109                        504571.98
3634225.90        2.24073
         504621.98    3634225.90        1.92510                        504671.98
3634225.90        1.68395
         504721.98    3634225.90        1.49010                        502721.98
3634275.90        1.58592
         502771.98    3634275.90        1.71257                        502821.98
3634275.90        1.85819
         502871.98    3634275.90        2.02612                        502921.98
3634275.90        2.21234
         502971.98    3634275.90        2.42875                        503021.98
3634275.90        2.68691
         503071.98    3634275.90        2.98702                        503121.98
3634275.90        3.34341
         503171.98    3634275.90        3.77297                        503221.98
3634275.90        4.29504
         503271.98    3634275.90        4.94505                        504121.98
3634275.90       14.00489
         504171.98    3634275.90       11.64800                        504221.98
3634275.90       10.24186
         504271.98    3634275.90        8.65536                        504321.98
3634275.90        7.14879

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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```
         504621.98    3634375.90        1.64753                        504671.98
3634375.90        1.47186
         504721.98    3634375.90        1.33417                        502721.98
3634425.90        1.62678
         502771.98    3634425.90        1.76129                        502821.98
3634425.90        1.91449
         504271.98    3634425.90        8.52281                        504321.98
3634425.90        7.15879
         504371.98    3634425.90        5.50470                        504421.98
3634425.90        3.62445
         504471.98    3634425.90        2.67992                        504521.98
3634425.90        2.21342
         504571.98    3634425.90        1.95295                        504621.98
3634425.90        1.74907
         504671.98    3634425.90        1.55353                        504721.98
3634425.90        1.38245
         502721.98    3634475.90        1.64156                        502771.98
3634475.90        1.78101
         502821.98    3634475.90        1.93813                        504321.98
3634475.90        6.92261
         504371.98    3634475.90        5.90085                        504421.98
3634475.90        4.75364
         504471.98    3634475.90        3.36223                        504521.98
3634475.90        2.67443
         504571.98    3634475.90        2.32179                        504621.98
3634475.90        2.06028
         504671.98    3634475.90        1.73866                        504721.98
3634475.90        1.49165
         502721.98    3634525.90        1.64596                        502771.98
3634525.90        1.78215
         504371.98    3634525.90        5.69953                        504421.98
3634525.90        4.92153
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 4.31871 | 504521.98 | 3634525.90 | 3.66819 |
| 504571.98 | 3634525.90 | 3.12781 | 504621.98 | 3634525.90 | 2.60254 |
| 504671.98 | 3634525.90 | 2.03352 | 504721.98 | 3634525.90 | 1.68083 |
| 502721.98 | 3634575.90 | 1.64038 | 502771.98 | 3634575.90 | 1.77609 |
| 504421.98 | 3634575.90 | 4.77743 | 504471.98 | 3634575.90 | 4.17830 |
| 504521.98 | 3634575.90 | 3.70810 | 504571.98 | 3634575.90 | 3.35964 |
| 504621.98 | 3634575.90 | 2.93304 | 504671.98 | 3634575.90 | 2.43170 |
| 504721.98 | 3634575.90 | 2.00665 | 502721.98 | 3634625.90 | 1.62856 |
| 502771.98 | 3634625.90 | 1.76087 | 502821.98 | 3634625.90 | 1.91309 |
| 502871.98 | 3634625.90 | 2.08524 | 502921.98 | 3634625.90 | 2.28288 |
| 502971.98 | 3634625.90 | 2.51290 | 503021.98 | 3634625.90 | 2.78219 |
| 503071.98 | 3634625.90 | 3.10006 | 503121.98 | 3634625.90 | 3.47838 |
| 504471.98 | 3634625.90 | 4.04023 | 504521.98 | 3634625.90 | 3.58399 |
| 504571.98 | 3634625.90 | 3.21432 | 504621.98 | 3634625.90 | 2.94766 |
| 504671.98 | 3634625.90 | 2.68276 | 504721.98 | 3634625.90 | 2.38061 |
| 502721.98 | 3634675.90 | 1.61055 | 502771.98 | 3634675.90 | 1.73938 |
| 502821.98 | 3634675.90 | 1.88591 | 502871.98 | 3634675.90 | 2.05172 |
| 502921.98 | 3634675.90 | 2.24146 | 502971.98 | 3634675.90 | 2.46094 |
| 503021.98 | 3634675.90 | 2.71510 | 503071.98 | 3634675.90 | 3.01289 |
| 503121.98 | 3634675.90 | 3.36730 | 503171.98 | | |

3634675.90        3.78686
         503221.98    3634675.90        4.29622                        503271.98
3634675.90        4.91565
         503321.98    3634675.90        5.68659                        503371.98
3634675.90        6.65731
         503421.98    3634675.90        7.89090                        503471.98
3634675.90        9.45393
         503521.98    3634675.90       11.47234                        504521.98
3634675.90        3.45861
         504571.98    3634675.90        3.10632                        504621.98
3634675.90        2.81559
         504671.98    3634675.90        2.57461                        504721.98
3634675.90        2.37720
         502721.98    3634725.90        1.58596                        502771.98
3634725.90        1.70963
         502821.98    3634725.90        1.84908                        502871.98
3634725.90        2.00724
         502921.98    3634725.90        2.18707                        502971.98
3634725.90        2.39322
         503021.98    3634725.90        2.63110                        503071.98
3634725.90        2.90708
         503121.98    3634725.90        3.23158                        503171.98
3634725.90        3.61307
         503221.98    3634725.90        4.06966                        503271.98
3634725.90        4.61597
         503321.98    3634725.90        5.28099                        503371.98
3634725.90        6.09214
         503421.98    3634725.90        7.08406                        503471.98
3634725.90        8.27657
         503521.98    3634725.90        9.73940                        503571.98
3634725.90       11.50296
         503621.98    3634725.90       13.39112                        504571.98
3634725.90        2.98938
         504621.98    3634725.90        2.70933                        504671.98
3634725.90        2.47555
         504721.98    3634725.90        2.28445                        502721.98
3634775.90        1.55543
         502771.98    3634775.90        1.67280                        502821.98
3634775.90        1.80520
         502871.98    3634775.90        1.95402                        502921.98
3634775.90        2.12259

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 2.31467 | 503021.98 | 3634775.90 | 2.53462 |
| 503071.98 | 3634775.90 | 2.78816 | 503121.98 | 3634775.90 | 3.08214 |
| 503171.98 | 3634775.90 | 3.42511 | 503221.98 | 3634775.90 | 3.82770 |
| 503271.98 | 3634775.90 | 4.30264 | 503321.98 | 3634775.90 | 4.86672 |
| 503371.98 | 3634775.90 | 5.53651 | 503421.98 | 3634775.90 | 6.32962 |
| 503471.98 | 3634775.90 | 7.24226 | 503521.98 | 3634775.90 | 8.30329 |
| 503571.98 | 3634775.90 | 9.47909 | 503621.98 | 3634775.90 | 10.70743 |
| 503671.98 | 3634775.90 | 11.88273 | 503721.98 | 3634775.90 | 12.90402 |
| 503771.98 | 3634775.90 | 13.62633 | 503821.98 | 3634775.90 | 13.84085 |
| 504621.98 | 3634775.90 | 2.60614 | 504671.98 | 3634775.90 | 2.38382 |
| 504721.98 | 3634775.90 | 2.19951 | 502721.98 | 3634825.90 | 1.51963 |
| 502771.98 | 3634825.90 | 1.63112 | 502821.98 | 3634825.90 | 1.75532 |
| 502871.98 | 3634825.90 | 1.89462 | 502921.98 | 3634825.90 | 2.05121 |
| 502971.98 | 3634825.90 | 2.22896 | 503021.98 | 3634825.90 | 2.43072 |
| 503071.98 | 3634825.90 | 2.66172 | 503121.98 | 3634825.90 | 2.92661 |

503171.98 3634825.90 3.23152 503221.98
3634825.90 3.58446
503271.98 3634825.90 3.99405 503321.98
3634825.90 4.46988
503371.98 3634825.90 5.01491 503421.98
3634825.90 5.63446
503471.98 3634825.90 6.33083 503521.98
3634825.90 7.09887
503571.98 3634825.90 7.91634 503621.98
3634825.90 8.71933
503671.98 3634825.90 9.45900 503721.98
3634825.90 10.06728
503771.98 3634825.90 10.47737 503821.98
3634825.90 10.62045
503871.98 3634825.90 10.47705 503921.98
3634825.90 10.07736
504671.98 3634825.90 2.29172 504721.98
3634825.90 2.11332
502721.98 3634875.90 1.48003 502771.98
3634875.90 1.58491
502821.98 3634875.90 1.70126 502871.98
3634875.90 1.83090
502921.98 3634875.90 1.97626 502971.98
3634875.90 2.13962
503021.98 3634875.90 2.32393 503071.98
3634875.90 2.53305
503121.98 3634875.90 2.77042 503171.98
3634875.90 3.03978
503221.98 3634875.90 3.34825 503271.98
3634875.90 3.69807
503321.98 3634875.90 4.09150 503371.98
3634875.90 4.53568
503421.98 3634875.90 5.02517 503471.98
3634875.90 5.55154
503521.98 3634875.90 6.11329 503571.98
3634875.90 6.68287
503621.98 3634875.90 7.23341 503671.98
3634875.90 7.71932
503721.98 3634875.90 8.09798 503771.98
3634875.90 8.34326
503821.98 3634875.90 8.42722 503871.98
3634875.90 8.36427
503921.98 3634875.90 8.37516 504721.98
3634875.90 2.03137
502721.98 3634925.90 1.43800 502771.98
3634925.90 1.53607
502821.98 3634925.90 1.64476 502871.98
3634925.90 1.76503
502921.98 3634925.90 1.89941 502971.98
3634925.90 2.04927

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 2.21711 | 503071.98 | 3634925.90 | 2.40557 |
| 503121.98 | 3634925.90 | 2.61724 | 503171.98 | 3634925.90 | 2.85511 |
| 503221.98 | 3634925.90 | 3.12116 | 503271.98 | 3634925.90 | 3.41744 |
| 503321.98 | 3634925.90 | 3.74522 | 503371.98 | 3634925.90 | 4.10346 |
| 503421.98 | 3634925.90 | 4.48779 | 503471.98 | 3634925.90 | 4.89244 |
| 503521.98 | 3634925.90 | 5.30758 | 503571.98 | 3634925.90 | 5.71827 |
| 503621.98 | 3634925.90 | 6.10417 | 503671.98 | 3634925.90 | 6.43589 |
| 503721.98 | 3634925.90 | 6.62571 | 503771.98 | 3634925.90 | 6.81076 |
| 503821.98 | 3634925.90 | 6.99643 | 503871.98 | 3634925.90 | 7.12185 |
| 502721.98 | 3634975.90 | 1.39447 | 502771.98 | 3634975.90 | 1.48591 |
| 502821.98 | 3634975.90 | 1.58707 | 502871.98 | | |

3634975.90 1.69881
502921.98 3634975.90 1.82214 502971.98
3634975.90 1.95920
503021.98 3634975.90 2.11168 503071.98
3634975.90 2.28097
503121.98 3634975.90 2.46868 503171.98
3634975.90 2.67599
503221.98 3634975.90 2.90524 503271.98
3634975.90 3.15762
503321.98 3634975.90 3.43002 503371.98
3634975.90 3.72045
503421.98 3634975.90 4.02014 503471.98
3634975.90 4.33374
503521.98 3634975.90 4.64379 503571.98
3634975.90 4.94626
503621.98 3634975.90 5.22523 503671.98
3634975.90 5.46101
503721.98 3634975.90 5.55915 503771.98
3634975.90 5.80752
503821.98 3634975.90 5.95618 503871.98
3634975.90 5.82481
502721.98 3635025.90 1.35023 502771.98
3635025.90 1.43586
502821.98 3635025.90 1.52968 502871.98
3635025.90 1.63277
502921.98 3635025.90 1.74632 502971.98
3635025.90 1.87131
503021.98 3635025.90 2.00889 503071.98
3635025.90 2.15987
503121.98 3635025.90 2.32564 503171.98
3635025.90 2.50738
503221.98 3635025.90 2.70396 503271.98
3635025.90 2.91523
503321.98 3635025.90 3.13963 503371.98
3635025.90 3.37398
503421.98 3635025.90 3.61305 503471.98
3635025.90 3.85663
503521.98 3635025.90 4.09479 503571.98
3635025.90 4.32025
503621.98 3635025.90 4.52331 503671.98
3635025.90 4.67502
503721.98 3635025.90 4.82486 503771.98
3635025.90 4.98929
503821.98 3635025.90 5.09736 504371.98
3635025.90 2.94300
502721.98 3635075.90 1.30599 502771.98
3635075.90 1.38557
502821.98 3635075.90 1.47251 502871.98
3635075.90 1.56790
502921.98 3635075.90 1.67177 502971.98

3635075.90        1.78513
         503021.98    3635075.90        1.90916                       503071.98
3635075.90        2.04354
         503121.98    3635075.90        2.18936                       503171.98
3635075.90        2.34684
         503221.98    3635075.90        2.51452                       503271.98
3635075.90        2.69196
         503321.98    3635075.90        2.87705                       503371.98
3635075.90        3.06755

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503421.98    3635075.90        3.26041                       503471.98
3635075.90        3.45161
         503521.98    3635075.90        3.63609                       503571.98
3635075.90        3.80823
         503621.98    3635075.90        3.96116                       503671.98
3635075.90        4.05994
         503721.98    3635075.90        4.17742                       503771.98
3635075.90        4.33624
         503821.98    3635075.90        4.34557                       504371.98
3635075.90        2.71571
         504421.98    3635075.90        2.53916                       504471.98
3635075.90        2.37235

504521.98 3635075.90 2.22063 502721.98 3635125.90 1.26206
502771.98 3635125.90 1.33604 502821.98 3635125.90 1.41640
502871.98 3635125.90 1.50403 502921.98 3635125.90 1.59937
502971.98 3635125.90 1.70211 503021.98 3635125.90 1.81298
503071.98 3635125.90 1.93195 503121.98 3635125.90 2.05960
503171.98 3635125.90 2.19547 503221.98 3635125.90 2.33778
503271.98 3635125.90 2.48720 503321.98 3635125.90 2.64001
503371.98 3635125.90 2.79541 503421.98 3635125.90 2.95183
503471.98 3635125.90 3.10340 503521.98 3635125.90 3.24809
503571.98 3635125.90 3.36552 503621.98 3635125.90 3.48738
503671.98 3635125.90 3.55209 503721.98 3635125.90 3.72233
503771.98 3635125.90 3.82729 503821.98 3635125.90 3.81873
504371.98 3635125.90 2.51028 504421.98 3635125.90 2.35902
504471.98 3635125.90 2.21805 504521.98 3635125.90 2.08433
504571.98 3635125.90 1.95954 502721.98 3635175.90 1.21892
502771.98 3635175.90 1.28736 502821.98 3635175.90 1.36149
502871.98 3635175.90 1.44146 502921.98 3635175.90 1.52865
502971.98 3635175.90 1.62129 503021.98 3635175.90 1.71997
503071.98 3635175.90 1.82529 503121.98 3635175.90 1.93703
503171.98 3635175.90 2.05436 503221.98 3635175.90 2.17552
503271.98 3635175.90 2.30115 503321.98 3635175.90 2.42775
503371.98 3635175.90 2.55562 503421.98 3635175.90 2.68385
503471.98 3635175.90 2.80261 503521.98 3635175.90 2.91886
503571.98 3635175.90 2.99558 503621.98 3635175.90 3.08490
503671.98 3635175.90 3.17788 503721.98 3635175.90 3.32776

```
         503771.98    3635175.90        3.34498                      503821.98
3635175.90        3.18236
         504371.98    3635175.90        2.32270                      504421.98
3635175.90        2.19565
         504471.98    3635175.90        2.07480                      504521.98
3635175.90        1.95839
         504571.98    3635175.90        1.84684                      504621.98
3635175.90        1.74650
         502721.98    3635225.90        1.17664                      502771.98
3635225.90        1.24040
         502821.98    3635225.90        1.30871                      502871.98
3635225.90        1.38173
         502921.98    3635225.90        1.45980                      502971.98
3635225.90        1.54310
         503021.98    3635225.90        1.63134                      503071.98
3635225.90        1.72441
         503121.98    3635225.90        1.82198                      503171.98
3635225.90        1.92325
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503221.98    3635225.90        2.02741                      503271.98
3635225.90        2.13348
         503321.98    3635225.90        2.24010                      503371.98
```

3635225.90 2.34590
503421.98 3635225.90 2.44952 503471.98
3635225.90 2.54859
503521.98 3635225.90 2.63837 503571.98
3635225.90 2.69330
503621.98 3635225.90 2.78367 503671.98
3635225.90 2.90086
504371.98 3635225.90 2.15288 504421.98
3635225.90 2.04690
504471.98 3635225.90 1.94275 504521.98
3635225.90 1.84167
504571.98 3635225.90 1.74390 504621.98
3635225.90 1.65206
502721.98 3635275.90 1.13499 502771.98
3635275.90 1.19342
502821.98 3635275.90 1.25595 502871.98
3635275.90 1.32280
502921.98 3635275.90 1.39314 502971.98
3635275.90 1.46791
503021.98 3635275.90 1.54583 503071.98
3635275.90 1.62746
503121.98 3635275.90 1.71216 503171.98
3635275.90 1.79928
503221.98 3635275.90 1.89011 503271.98
3635275.90 1.97959
503321.98 3635275.90 2.06925 503371.98
3635275.90 2.15688
503421.98 3635275.90 2.24300 503471.98
3635275.90 2.32476
503521.98 3635275.90 2.40152 503571.98
3635275.90 2.45840
503621.98 3635275.90 2.50711 504371.98
3635275.90 1.99724
504421.98 3635275.90 1.91303 504471.98
3635275.90 1.81915
504521.98 3635275.90 1.73218 504571.98
3635275.90 1.64746
504621.98 3635275.90 1.56588 504671.98
3635275.90 1.48882
502721.98 3635325.90 1.09433 502771.98
3635325.90 1.14811
502821.98 3635325.90 1.20527 502871.98
3635325.90 1.26574
502921.98 3635325.90 1.32909 502971.98
3635325.90 1.39644
503021.98 3635325.90 1.46516 503071.98
3635325.90 1.53700
503121.98 3635325.90 1.61065 503171.98
3635325.90 1.68599
503221.98 3635325.90 1.76438 503271.98

```
3635325.90        1.84039
         503321.98    3635325.90        1.91582                          503371.98
3635325.90        1.98925
         503421.98    3635325.90        2.06072                          503471.98
3635325.90        2.12866
         503521.98    3635325.90        2.19265                          503571.98
3635325.90        2.24726
         503621.98    3635325.90        2.27400                          504371.98
3635325.90        1.86730
         504421.98    3635325.90        1.78619                          504471.98
3635325.90        1.70591
         504521.98    3635325.90        1.62979                          504571.98
3635325.90        1.55646
         504621.98    3635325.90        1.48513                          504671.98
3635325.90        1.41835
         504721.98    3635325.90        1.34972                          502721.98
3635375.90        1.05222
         502771.98    3635375.90        1.07732                          502821.98
3635375.90        1.12523
         502871.98    3635375.90        1.17847                          502921.98
3635375.90        1.23942
         502971.98    3635375.90        1.32543                          503021.98
3635375.90        1.36711
         503071.98    3635375.90        1.42399                          503121.98
3635375.90        1.51126
         503171.98    3635375.90        1.58097                          503221.98
3635375.90        1.64940
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 1.71433 | 503321.98 | 3635375.90 | 1.77817 |
| 503371.98 | 3635375.90 | 1.84039 | 503421.98 | 3635375.90 | 1.90063 |
| 503471.98 | 3635375.90 | 1.95773 | 503521.98 | 3635375.90 | 2.01063 |
| 503571.98 | 3635375.90 | 2.05621 | 503621.98 | 3635375.90 | 2.08972 |
| 503671.98 | 3635375.90 | 2.13386 | 503721.98 | 3635375.90 | 2.23217 |
| 504371.98 | 3635375.90 | 1.73964 | 504421.98 | 3635375.90 | 1.66843 |
| 504471.98 | 3635375.90 | 1.60034 | 504521.98 | 3635375.90 | 1.53499 |
| 504571.98 | 3635375.90 | 1.47083 | 504621.98 | 3635375.90 | 1.41050 |
| 504671.98 | 3635375.90 | 1.35209 | 504721.98 | 3635375.90 | 1.28901 |
| 502721.98 | 3635425.90 | 0.99938 | 502771.98 | 3635425.90 | 1.03113 |
| 502821.98 | 3635425.90 | 1.07556 | 502871.98 | 3635425.90 | 1.12406 |
| 502921.98 | 3635425.90 | 1.17637 | 502971.98 | 3635425.90 | 1.23254 |
| 503021.98 | 3635425.90 | 1.28848 | 503071.98 | 3635425.90 | 1.34585 |
| 503121.98 | 3635425.90 | 1.42606 | 503171.98 | 3635425.90 | 1.48412 |
| 503221.98 | 3635425.90 | 1.54293 | 503271.98 | 3635425.90 | 1.58788 |
| 503321.98 | 3635425.90 | 1.64632 | 503371.98 | 3635425.90 | 1.70483 |
| 503421.98 | 3635425.90 | 1.75673 | 503471.98 | 3635425.90 | 1.80201 |
| 503521.98 | 3635425.90 | 1.84208 | 503571.98 | 3635425.90 | 1.87911 |
| 503621.98 | 3635425.90 | 1.91058 | 503671.98 | 3635425.90 | 1.95576 |
| 503721.98 | 3635425.90 | 2.00544 | 503771.98 | 3635425.90 | 2.05266 |
| 503821.98 | 3635425.90 | 2.09905 | 504371.98 | 3635425.90 | 1.63293 |
| 504421.98 | 3635425.90 | 1.58050 | 504471.98 | 3635425.90 | 1.51646 |

```
         504521.98    3635425.90        1.44720                        504571.98
3635425.90        1.39087
         504621.98    3635425.90        1.34112                        504671.98
3635425.90        1.28902
         504721.98    3635425.90        1.23523                        502721.98
3635475.90        0.95318
         502771.98    3635475.90        0.98991                        502821.98
3635475.90        1.03235
         502871.98    3635475.90        1.07717                        502921.98
3635475.90        1.12675
         502971.98    3635475.90        1.17342                        503021.98
3635475.90        1.22346
         503071.98    3635475.90        1.27835                        503121.98
3635475.90        1.34619
         503171.98    3635475.90        1.39557                        503221.98
3635475.90        1.43903
         503271.98    3635475.90        1.48135                        503321.98
3635475.90        1.52830
         503371.98    3635475.90        1.57845                        503421.98
3635475.90        1.62468
         503471.98    3635475.90        1.66338                        503521.98
3635475.90        1.69980
         503571.98    3635475.90        1.73013                        503621.98
3635475.90        1.75886
         503671.98    3635475.90        1.78555                        503721.98
3635475.90        1.81208
         503771.98    3635475.90        1.86744                        503821.98
3635475.90        1.88815
         503871.98    3635475.90        1.90074                        503921.98
3635475.90        1.92162
         504371.98    3635475.90        1.51073                        504421.98
3635475.90        1.46352
         504471.98    3635475.90        1.42238                        504521.98
3635475.90        1.36506
         504571.98    3635475.90        1.32015                        504621.98
3635475.90        1.27594
↟ *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
```

L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 1.23022 | 504721.98 | 3635475.90 | 1.20017 |
| 502221.98 | 3632975.90 | 0.50282 | 502271.98 | 3632975.90 | 0.51689 |
| 502321.98 | 3632975.90 | 0.53145 | 502371.98 | 3632975.90 | 0.54648 |
| 502421.98 | 3632975.90 | 0.56195 | 502471.98 | 3632975.90 | 0.57784 |
| 502521.98 | 3632975.90 | 0.59400 | 502571.98 | 3632975.90 | 0.61068 |
| 502621.98 | 3632975.90 | 0.62770 | 502671.98 | 3632975.90 | 0.64493 |
| 502721.98 | 3632975.90 | 0.66233 | 502771.98 | 3632975.90 | 0.67878 |
| 502821.98 | 3632975.90 | 0.59122 | 502871.98 | 3632975.90 | 0.51504 |
| 502921.98 | 3632975.90 | 0.52462 | 502971.98 | 3632975.90 | 0.37834 |
| 503021.98 | 3632975.90 | 0.38291 | 503071.98 | 3632975.90 | 0.44869 |
| 503121.98 | 3632975.90 | 0.52526 | 503171.98 | 3632975.90 | 0.59184 |
| 503221.98 | 3632975.90 | 0.62685 | 503271.98 | 3632975.90 | 0.63681 |
| 503321.98 | 3632975.90 | 0.63676 | 503371.98 | 3632975.90 | 0.64332 |
| 503421.98 | 3632975.90 | 0.62011 | 503471.98 | 3632975.90 | 0.61312 |
| 503621.98 | 3632975.90 | 0.56737 | 503671.98 | 3632975.90 | 0.54681 |
| 503721.98 | 3632975.90 | 0.52626 | 503771.98 | 3632975.90 | 0.49788 |
| 503821.98 | 3632975.90 | 0.43350 | 503871.98 | 3632975.90 | 0.38544 |
| 503921.98 | 3632975.90 | 0.37284 | 503971.98 | | |

3632975.90        0.37311
         504021.98    3632975.90        0.37028                        504071.98
3632975.90        0.37468
         504121.98    3632975.90        0.37089                        504171.98
3632975.90        0.37356
         504221.98    3632975.90        0.37429                        504271.98
3632975.90        0.37525
         504321.98    3632975.90        0.37477                        504371.98
3632975.90        0.37057
         504421.98    3632975.90        0.36854                        504471.98
3632975.90        0.36770
         504521.98    3632975.90        0.36817                        504571.98
3632975.90        0.36844
         504621.98    3632975.90        0.36873                        504671.98
3632975.90        0.36999
         504721.98    3632975.90        0.37215                        504771.98
3632975.90        0.37439
         504821.98    3632975.90        0.37553                        504871.98
3632975.90        0.37703
         504921.98    3632975.90        0.37855                        504971.98
3632975.90        0.37920
         505021.98    3632975.90        0.37878                        505071.98
3632975.90        0.37864
         505121.98    3632975.90        0.37986                        505171.98
3632975.90        0.38296
         505221.98    3632975.90        0.38686                        502221.98
3633025.90        0.51557
         502271.98    3633025.90        0.53106                        502321.98
3633025.90        0.54639
         502371.98    3633025.90        0.56242                        502421.98
3633025.90        0.57895
         502471.98    3633025.90        0.59581                        502521.98
3633025.90        0.61326
         502571.98    3633025.90        0.63116                        502621.98
3633025.90        0.64945
         502671.98    3633025.90        0.66803                        502721.98
3633025.90        0.68691
         502771.98    3633025.90        0.70597                        502821.98
3633025.90        0.60651
         502871.98    3633025.90        0.57405                        502921.98
3633025.90        0.54475
         502971.98    3633025.90        0.39445                        503021.98
3633025.90        0.42389
         503071.98    3633025.90        0.51673                        503121.98
3633025.90        0.60576

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 0.64318 | 503221.98 | 3633025.90 | 0.68449 |
| 503271.98 | 3633025.90 | 0.68518 | 503321.98 | 3633025.90 | 0.69330 |
| 503371.98 | 3633025.90 | 0.68095 | 503421.98 | 3633025.90 | 0.63314 |
| 503471.98 | 3633025.90 | 0.64464 | 503621.98 | 3633025.90 | 0.58686 |
| 503671.98 | 3633025.90 | 0.57359 | 503721.98 | 3633025.90 | 0.56331 |
| 503771.98 | 3633025.90 | 0.49325 | 503821.98 | 3633025.90 | 0.43045 |
| 503871.98 | 3633025.90 | 0.39496 | 503921.98 | 3633025.90 | 0.38619 |
| 503971.98 | 3633025.90 | 0.38625 | 504021.98 | 3633025.90 | 0.38731 |
| 504071.98 | 3633025.90 | 0.38835 | 504121.98 | 3633025.90 | 0.39002 |
| 504171.98 | 3633025.90 | 0.39227 | 504221.98 | 3633025.90 | 0.39449 |
| 504271.98 | 3633025.90 | 0.39497 | 504321.98 | 3633025.90 | 0.39416 |
| 504371.98 | 3633025.90 | 0.39035 | 504421.98 | 3633025.90 | 0.38837 |
| 504471.98 | 3633025.90 | 0.38778 | 504521.98 | 3633025.90 | 0.38701 |

504571.98 3633025.90 0.38722 504621.98 3633025.90 0.38843
504671.98 3633025.90 0.39056 504721.98 3633025.90 0.39324
504771.98 3633025.90 0.39610 504821.98 3633025.90 0.39808
504871.98 3633025.90 0.40055 504921.98 3633025.90 0.40202
504971.98 3633025.90 0.40183 505021.98 3633025.90 0.40060
505071.98 3633025.90 0.40055 505121.98 3633025.90 0.40235
505171.98 3633025.90 0.40619 505221.98 3633025.90 0.41221
502221.98 3633075.90 0.52929 502271.98 3633075.90 0.54558
502321.98 3633075.90 0.56197 502371.98 3633075.90 0.57894
502421.98 3633075.90 0.59651 502471.98 3633075.90 0.61443
502521.98 3633075.90 0.63313 502571.98 3633075.90 0.65245
502621.98 3633075.90 0.67215 502671.98 3633075.90 0.69230
502721.98 3633075.90 0.71270 502771.98 3633075.90 0.73354
502821.98 3633075.90 0.66805 502871.98 3633075.90 0.63936
502921.98 3633075.90 0.61107 502971.98 3633075.90 0.54880
503021.98 3633075.90 0.58438 503071.98 3633075.90 0.61002
503121.98 3633075.90 0.66287 503171.98 3633075.90 0.70004
503221.98 3633075.90 0.75364 503271.98 3633075.90 0.73733
503321.98 3633075.90 0.72942 503371.98 3633075.90 0.71272
503421.98 3633075.90 0.66895 503471.98 3633075.90 0.68116
503621.98 3633075.90 0.61003 503671.98 3633075.90 0.58764
503721.98 3633075.90 0.57388 503771.98 3633075.90 0.50111
503821.98 3633075.90 0.43628 503871.98 3633075.90 0.40439
503921.98 3633075.90 0.40441 503971.98 3633075.90 0.40980
504021.98 3633075.90 0.40891 504071.98 3633075.90 0.41071

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         504321.98    3633075.90        0.41737                      504371.98
3633075.90        0.41283
         504421.98    3633075.90        0.41166                      504471.98
3633075.90        0.40977
         504521.98    3633075.90        0.40896                      504571.98
3633075.90        0.40973
         504621.98    3633075.90        0.41151                      504671.98
3633075.90        0.41426
         504721.98    3633075.90        0.41729                      504771.98
3633075.90        0.42063
         504821.98    3633075.90        0.42334                      504871.98
3633075.90        0.42612
         504921.98    3633075.90        0.42886                      504971.98
3633075.90        0.42714
         505021.98    3633075.90        0.42540                      505071.98
3633075.90        0.42522
         505121.98    3633075.90        0.42696                      505171.98

3633075.90 0.43107
505221.98 3633075.90 0.43634 502221.98
3633125.90 0.54356
502271.98 3633125.90 0.56045 502321.98
3633125.90 0.57786
502371.98 3633125.90 0.59588 502421.98
3633125.90 0.61462
502471.98 3633125.90 0.63387 502521.98
3633125.90 0.65386
502571.98 3633125.90 0.67451 502621.98
3633125.90 0.69577
502671.98 3633125.90 0.71756 502721.98
3633125.90 0.73980
502771.98 3633125.90 0.76229 502821.98
3633125.90 0.78525
502871.98 3633125.90 0.70396 502921.98
3633125.90 0.69611
502971.98 3633125.90 0.66112 503021.98
3633125.90 0.65233
503071.98 3633125.90 0.68883 503121.98
3633125.90 0.72644
503171.98 3633125.90 0.77237 503221.98
3633125.90 0.80488
503271.98 3633125.90 0.79999 503321.98
3633125.90 0.80425
503371.98 3633125.90 0.76202 503421.98
3633125.90 0.70571
503471.98 3633125.90 0.71902 503621.98
3633125.90 0.63083
503671.98 3633125.90 0.59596 503721.98
3633125.90 0.58140
503771.98 3633125.90 0.49477 503821.98
3633125.90 0.44526
503871.98 3633125.90 0.42476 503921.98
3633125.90 0.42794
503971.98 3633125.90 0.43429 504021.98
3633125.90 0.43104
504071.98 3633125.90 0.43581 504121.98
3633125.90 0.44017
504171.98 3633125.90 0.44265 504221.98
3633125.90 0.44373
504271.98 3633125.90 0.44415 504321.98
3633125.90 0.44250
504371.98 3633125.90 0.43998 504421.98
3633125.90 0.43854
504471.98 3633125.90 0.43554 504521.98
3633125.90 0.43460
504571.98 3633125.90 0.43569 504621.98
3633125.90 0.43835
504671.98 3633125.90 0.44173 504721.98

```
3633125.90        0.44492
         504771.98    3633125.90        0.44806                       504821.98
3633125.90        0.45071
         504871.98    3633125.90        0.45431                       504921.98
3633125.90        0.46042
         504971.98    3633125.90        0.45752                       505021.98
3633125.90        0.45362
         505071.98    3633125.90        0.45188                       505121.98
3633125.90        0.45344
         505171.98    3633125.90        0.45687                       505221.98
3633125.90        0.46245
         502221.98    3633175.90        0.55781                       502271.98
3633175.90        0.57553
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                 PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3633175.90        0.59400                       502371.98
3633175.90        0.61350
         502421.98    3633175.90        0.63355                       502471.98
3633175.90        0.65408
         502521.98    3633175.90        0.67550                       502571.98
3633175.90        0.69765
         502621.98    3633175.90        0.72046                       502671.98
3633175.90        0.74384
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         502721.98    3633175.90        0.76756                    502771.98
3633175.90        0.77005
         502821.98    3633175.90        0.72213                    502871.98
3633175.90        0.80759
         502921.98    3633175.90        0.76171                    502971.98
3633175.90        0.77692
         503021.98    3633175.90        0.76875                    503071.98
3633175.90        0.79896
         503121.98    3633175.90        0.80460                    503171.98
3633175.90        0.85416
         503221.98    3633175.90        0.84309                    503271.98
3633175.90        0.83577
         503321.98    3633175.90        0.84601                    503371.98
3633175.90        0.79893
         503421.98    3633175.90        0.75516                    503471.98
3633175.90        0.75174
         503621.98    3633175.90        0.62774                    503671.98
3633175.90        0.61990
         503721.98    3633175.90        0.56934                    503771.98
3633175.90        0.49376
         503821.98    3633175.90        0.45736                    503871.98
3633175.90        0.44644
         503921.98    3633175.90        0.45521                    503971.98
3633175.90        0.46196
         504021.98    3633175.90        0.45890                    504071.98
3633175.90        0.46496
         504121.98    3633175.90        0.47131                    504171.98
3633175.90        0.47704
         504221.98    3633175.90        0.47632                    504271.98
3633175.90        0.47466
         504321.98    3633175.90        0.47252                    504371.98
3633175.90        0.47464
         504421.98    3633175.90        0.46917                    504471.98
3633175.90        0.46463
         504521.98    3633175.90        0.46361                    504571.98
3633175.90        0.46536
         504621.98    3633175.90        0.46910                    504671.98
3633175.90        0.47340
         504721.98    3633175.90        0.47669                    504771.98
3633175.90        0.47939
         504821.98    3633175.90        0.48138                    504871.98
3633175.90        0.48589
         504921.98    3633175.90        0.49555                    504971.98
3633175.90        0.48868
         505021.98    3633175.90        0.48297                    505071.98
3633175.90        0.48141
         505121.98    3633175.90        0.48215                    505171.98
3633175.90        0.48396
         505221.98    3633175.90        0.48706                    502221.98
3633225.90        0.57243
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         502271.98    3633225.90        0.59135                       502321.98
3633225.90        0.61090
         502371.98    3633225.90        0.63165                       502421.98
3633225.90        0.65293
         502471.98    3633225.90        0.67475                       502521.98
3633225.90        0.69776
         502571.98    3633225.90        0.72153                       502621.98
3633225.90        0.74613
         502671.98    3633225.90        0.77141                       502721.98
3633225.90        0.79707
         502771.98    3633225.90        0.82277                       502821.98
3633225.90        0.80568
         502871.98    3633225.90        0.80575                       502921.98
3633225.90        0.84231
         502971.98    3633225.90        0.87368                       503021.98
3633225.90        0.85581
         503071.98    3633225.90        0.88273                       503121.98
3633225.90        0.92267
         503171.98    3633225.90        0.91834                       503221.98
3633225.90        0.90604
         503271.98    3633225.90        0.89791                       503321.98
3633225.90        0.87717
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | |
|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 0.82012 | 503421.98 | 3633225.90 | 0.80195 |
| 503471.98 | 3633225.90 | 0.77629 | 503621.98 | 3633225.90 | 0.66526 |
| 503671.98 | 3633225.90 | 0.63643 | 503721.98 | 3633225.90 | 0.57263 |
| 503771.98 | 3633225.90 | 0.51689 | 503821.98 | 3633225.90 | 0.47748 |
| 503871.98 | 3633225.90 | 0.47684 | 503921.98 | 3633225.90 | 0.48398 |
| 503971.98 | 3633225.90 | 0.49309 | 504021.98 | 3633225.90 | 0.49705 |
| 504071.98 | 3633225.90 | 0.50418 | 504121.98 | 3633225.90 | 0.51227 |
| 504171.98 | 3633225.90 | 0.51655 | 504221.98 | 3633225.90 | 0.50775 |
| 504271.98 | 3633225.90 | 0.50619 | 504321.98 | 3633225.90 | 0.51060 |
| 504371.98 | 3633225.90 | 0.51343 | 504421.98 | 3633225.90 | 0.50402 |
| 504471.98 | 3633225.90 | 0.49876 | 504521.98 | 3633225.90 | 0.49756 |
| 504571.98 | 3633225.90 | 0.49996 | 504621.98 | 3633225.90 | 0.50454 |
| 504671.98 | 3633225.90 | 0.51065 | 504721.98 | 3633225.90 | 0.51454 |
| 504771.98 | 3633225.90 | 0.51554 | 504821.98 | 3633225.90 | 0.52008 |
| 504871.98 | 3633225.90 | 0.52375 | 504921.98 | 3633225.90 | 0.53303 |
| 504971.98 | 3633225.90 | 0.52526 | 505021.98 | 3633225.90 | 0.51811 |
| 505071.98 | 3633225.90 | 0.51603 | 505121.98 | 3633225.90 | 0.51390 |
| 505171.98 | 3633225.90 | 0.51035 | 505221.98 | 3633225.90 | 0.51075 |
| 502221.98 | 3633275.90 | 0.58720 | 502271.98 | 3633275.90 | 0.60722 |
| 502321.98 | 3633275.90 | 0.62828 | 502371.98 | 3633275.90 | 0.65014 |
| 502421.98 | 3633275.90 | 0.67273 | 502471.98 | 3633275.90 | 0.69629 |
| 502521.98 | 3633275.90 | 0.72085 | 502571.98 | 3633275.90 | 0.74636 |
| 502621.98 | 3633275.90 | 0.77281 | 502671.98 | 3633275.90 | 0.80015 |
| 502721.98 | 3633275.90 | 0.82841 | 502771.98 | 3633275.90 | 0.85601 |
| 502821.98 | 3633275.90 | 0.74044 | 502871.98 | | |

3633275.90        0.83972
         502921.98    3633275.90        0.92327                          502971.98
3633275.90        0.95480
         503021.98    3633275.90        0.92836                          503071.98
3633275.90        0.98788
         503121.98    3633275.90        1.05440                          503171.98
3633275.90        1.04435
         503221.98    3633275.90        0.99270                          503271.98
3633275.90        0.92745
         503321.98    3633275.90        0.92714                          503371.98
3633275.90        0.87649
         503421.98    3633275.90        0.84174                          503471.98
3633275.90        0.64703
         503621.98    3633275.90        0.66726                          503671.98
3633275.90        0.64290
         503721.98    3633275.90        0.57634                          503771.98
3633275.90        0.52941
         503821.98    3633275.90        0.50144                          503871.98
3633275.90        0.50833
         503921.98    3633275.90        0.52298                          503971.98
3633275.90        0.54680
         504021.98    3633275.90        0.55125                          504071.98
3633275.90        0.55185
         504121.98    3633275.90        0.56361                          504171.98
3633275.90        0.55677
         504221.98    3633275.90        0.54672                          504271.98
3633275.90        0.54558
         504321.98    3633275.90        0.55564                          504371.98
3633275.90        0.56461
         504421.98    3633275.90        0.54999                          504471.98
3633275.90        0.54032

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 0.53766 | 504571.98 | 3633275.90 | 0.54048 |
| 504621.98 | 3633275.90 | 0.54676 | 504671.98 | 3633275.90 | 0.55508 |
| 504721.98 | 3633275.90 | 0.55682 | 504771.98 | 3633275.90 | 0.55210 |
| 504821.98 | 3633275.90 | 0.55809 | 504871.98 | 3633275.90 | 0.56730 |
| 504921.98 | 3633275.90 | 0.57727 | 504971.98 | 3633275.90 | 0.56910 |
| 505021.98 | 3633275.90 | 0.56055 | 505071.98 | 3633275.90 | 0.55735 |
| 505121.98 | 3633275.90 | 0.55070 | 505171.98 | 3633275.90 | 0.54008 |
| 505221.98 | 3633275.90 | 0.53771 | 502221.98 | 3633325.90 | 0.60229 |
| 502271.98 | 3633325.90 | 0.62356 | 502321.98 | 3633325.90 | 0.64581 |
| 502371.98 | 3633325.90 | 0.66896 | 502421.98 | 3633325.90 | 0.69310 |
| 502471.98 | 3633325.90 | 0.71816 | 502521.98 | 3633325.90 | 0.74459 |
| 502571.98 | 3633325.90 | 0.77204 | 502621.98 | 3633325.90 | 0.80056 |
| 502671.98 | 3633325.90 | 0.83013 | 502721.98 | 3633325.90 | 0.86080 |
| 502771.98 | 3633325.90 | 0.88240 | 502821.98 | 3633325.90 | 0.87731 |
| 502871.98 | 3633325.90 | 0.95931 | 502921.98 | 3633325.90 | 0.99278 |
| 502971.98 | 3633325.90 | 1.02295 | 503021.98 | 3633325.90 | 1.04011 |
| 503071.98 | 3633325.90 | 1.09570 | 503121.98 | 3633325.90 | 1.13836 |
| 503171.98 | 3633325.90 | 1.17358 | 503221.98 | 3633325.90 | 1.17619 |
| 503271.98 | 3633325.90 | 0.97449 | 503321.98 | 3633325.90 | 0.97050 |
| 503371.98 | 3633325.90 | 0.91528 | 503421.98 | 3633325.90 | 0.76810 |

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         503471.98    3633325.90        0.61326                      503621.98
3633325.90        0.66975
         503671.98    3633325.90        0.64494                      503721.98
3633325.90        0.57539
         503771.98    3633325.90        0.55603                      503821.98
3633325.90        0.54089
         503871.98    3633325.90        0.54696                      503921.98
3633325.90        0.58026
         503971.98    3633325.90        0.62118                      504021.98
3633325.90        0.61864
         504071.98    3633325.90        0.61037                      504121.98
3633325.90        0.62891
         504171.98    3633325.90        0.60461                      504221.98
3633325.90        0.59011
         504271.98    3633325.90        0.59561                      504321.98
3633325.90        0.61809
         504371.98    3633325.90        0.62765                      504421.98
3633325.90        0.60501
         504471.98    3633325.90        0.58996                      504521.98
3633325.90        0.58465
         504571.98    3633325.90        0.58872                      504621.98
3633325.90        0.59693
         504671.98    3633325.90        0.60772                      504721.98
3633325.90        0.60538
         504771.98    3633325.90        0.59710                      504821.98
3633325.90        0.60024
         504871.98    3633325.90        0.61823                      504921.98
3633325.90        0.62909
         504971.98    3633325.90        0.61971                      505021.98
3633325.90        0.61116
         505071.98    3633325.90        0.60606                      505121.98
3633325.90        0.58675
         505171.98    3633325.90        0.57271                      505221.98
3633325.90        0.57034
         502221.98    3633375.90        0.61774                      502271.98
3633375.90        0.64013
         502321.98    3633375.90        0.66356                      502371.98
3633375.90        0.68810
         502421.98    3633375.90        0.71386                      502471.98
3633375.90        0.74078
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                 PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 0.76904 | 502571.98 | 3633375.90 | 0.79857 |
| 502621.98 | 3633375.90 | 0.82934 | 502671.98 | 3633375.90 | 0.86135 |
| 502721.98 | 3633375.90 | 0.89464 | 502771.98 | 3633375.90 | 0.92926 |
| 502821.98 | 3633375.90 | 0.96524 | 502871.98 | 3633375.90 | 1.00264 |
| 502921.98 | 3633375.90 | 1.04110 | 502971.98 | 3633375.90 | 1.08062 |
| 503021.98 | 3633375.90 | 1.11939 | 503071.98 | 3633375.90 | 1.16232 |
| 503121.98 | 3633375.90 | 1.20398 | 503171.98 | 3633375.90 | 1.24557 |
| 503221.98 | 3633375.90 | 1.27929 | 503271.98 | 3633375.90 | 1.28961 |
| 503321.98 | 3633375.90 | 1.15142 | 503371.98 | 3633375.90 | 0.98145 |
| 503421.98 | 3633375.90 | 0.73575 | 503471.98 | 3633375.90 | 0.72755 |
| 503621.98 | 3633375.90 | 0.73618 | 503671.98 | 3633375.90 | 0.69091 |
| 503721.98 | 3633375.90 | 0.62922 | 503771.98 | 3633375.90 | 0.61571 |
| 503821.98 | 3633375.90 | 0.62450 | 503871.98 | 3633375.90 | 0.61628 |
| 503921.98 | 3633375.90 | 0.65858 | 503971.98 | 3633375.90 | 0.71160 |
| 504021.98 | 3633375.90 | 0.69516 | 504071.98 | 3633375.90 | 0.67984 |
| 504121.98 | 3633375.90 | 0.70400 | 504171.98 | | |

```
3633375.90        0.65775
         504221.98    3633375.90        0.65074                    504271.98
3633375.90        0.67021
         504321.98    3633375.90        0.69985                    504371.98
3633375.90        0.70686
         504421.98    3633375.90        0.66909                    504471.98
3633375.90        0.64569
         504521.98    3633375.90        0.63783                    504571.98
3633375.90        0.64567
         504621.98    3633375.90        0.65661                    504671.98
3633375.90        0.67179
         504721.98    3633375.90        0.66108                    504771.98
3633375.90        0.64929
         504821.98    3633375.90        0.65541                    504871.98
3633375.90        0.68378
         504921.98    3633375.90        0.68693                    504971.98
3633375.90        0.67862
         505021.98    3633375.90        0.66687                    505071.98
3633375.90        0.64487
         505121.98    3633375.90        0.62164                    505171.98
3633375.90        0.60762
         505221.98    3633375.90        0.60701                    502221.98
3633425.90        0.63290
         502271.98    3633425.90        0.65642                    502321.98
3633425.90        0.68108
         502371.98    3633425.90        0.70717                    502421.98
3633425.90        0.73475
         502471.98    3633425.90        0.76416                    502521.98
3633425.90        0.79432
         502571.98    3633425.90        0.82594                    502621.98
3633425.90        0.85912
         502671.98    3633425.90        0.89381                    502721.98
3633425.90        0.93011
         502771.98    3633425.90        0.96794                    502821.98
3633425.90        1.00742
         502871.98    3633425.90        1.04844                    502921.98
3633425.90        1.09078
         502971.98    3633425.90        1.13467                    503021.98
3633425.90        1.17994
         503071.98    3633425.90        1.22602                    503121.98
3633425.90        1.27326
         503171.98    3633425.90        1.32021                    503221.98
3633425.90        1.36693
         503271.98    3633425.90        1.40159                    503321.98
3633425.90        1.22976
         503371.98    3633425.90        0.95319                    503421.98
3633425.90        0.82518
         503471.98    3633425.90        0.84381                    503621.98
3633425.90        0.87930
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

504771.98 3633425.90 0.72395 504821.98 3633425.90 0.71924
504871.98 3633425.90 0.75224 504921.98 3633425.90 0.74495
504971.98 3633425.90 0.72911 505021.98 3633425.90 0.69610
505071.98 3633425.90 0.67291 505121.98 3633425.90 0.65599
505171.98 3633425.90 0.64484 505221.98 3633425.90 0.64620
502221.98 3633475.90 0.64823 502271.98 3633475.90 0.67301
502321.98 3633475.90 0.69921 502371.98 3633475.90 0.72697
502421.98 3633475.90 0.75636 502471.98 3633475.90 0.78788
502521.98 3633475.90 0.81991 502571.98 3633475.90 0.85389
502621.98 3633475.90 0.88978 502671.98 3633475.90 0.92730
504771.98 3633475.90 0.83168 504821.98 3633475.90 0.83079
504871.98 3633475.90 0.82354 504921.98 3633475.90 0.81461
504971.98 3633475.90 0.78123 505021.98 3633475.90 0.73765
505071.98 3633475.90 0.71316 505121.98 3633475.90 0.69553
505171.98 3633475.90 0.68113 505221.98 3633475.90 0.67853
502221.98 3633525.90 0.66392 502271.98 3633525.90 0.69005
502321.98 3633525.90 0.71767 502371.98 3633525.90 0.74741
502421.98 3633525.90 0.77883 502471.98 3633525.90 0.81199
502521.98 3633525.90 0.84607 502571.98 3633525.90 0.88184
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504871.98 3633525.90 0.87965 504921.98 3633525.90 0.86907
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505071.98 3633525.90 0.76620 505121.98 3633525.90 0.73488
505171.98 3633525.90 0.71744 505221.98 3633525.90 0.70887

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633575.90        0.95263                       502671.98
3633575.90        0.99656
         504771.98    3633575.90        0.96990                       504821.98
3633575.90        0.95822
         504871.98    3633575.90        0.94608                       504921.98
3633575.90        0.92258
         504971.98    3633575.90        0.91235                       505021.98
3633575.90        0.88208
         505071.98    3633575.90        0.82777                       505121.98
3633575.90        0.78091
         505171.98    3633575.90        0.75687                       505221.98
3633575.90        0.74896
         502221.98    3633625.90        0.69567                       502271.98

3633625.90 0.72349
502321.98 3633625.90 0.75472 502371.98
3633625.90 0.78784
502421.98 3633625.90 0.82321 502471.98
3633625.90 0.85978
502521.98 3633625.90 0.89976 502571.98
3633625.90 0.94167
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3633625.90 1.03343
504771.98 3633625.90 1.04265 504821.98
3633625.90 1.05119
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3633625.90 0.82965
505171.98 3633625.90 0.79607 505221.98
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502221.98 3633675.90 0.71063 502271.98
3633675.90 0.73987
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3633675.90 0.80738
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3633675.90 0.88466
502521.98 3633675.90 0.92705 502571.98
3633675.90 0.97192
502621.98 3633675.90 1.01973 502671.98
3633675.90 1.07060
504771.98 3633675.90 1.14814 504821.98
3633675.90 1.13274
504871.98 3633675.90 1.10854 504921.98
3633675.90 1.07989
504971.98 3633675.90 1.04605 505021.98
3633675.90 1.00195
505071.98 3633675.90 0.92715 505121.98
3633675.90 0.86212
505171.98 3633675.90 0.82530 505221.98
3633675.90 0.80855
502221.98 3633725.90 0.72517 502271.98
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502321.98 3633725.90 0.79092 502371.98
3633725.90 0.82772
502421.98 3633725.90 0.86713 502471.98
3633725.90 0.90920
502521.98 3633725.90 0.95422 502571.98
3633725.90 1.00230
502621.98 3633725.90 1.05370 502671.98
3633725.90 1.10846
504771.98 3633725.90 1.29935 504821.98

3633725.90        1.23550
         504871.98    3633725.90        1.20430                        504921.98
3633725.90        1.15574
         504971.98    3633725.90        1.10250                        505021.98
3633725.90        1.03665
         505071.98    3633725.90        0.94915                        505121.98
3633725.90        0.88188
         505171.98    3633725.90        0.84942                        505221.98
3633725.90        0.82342
         502221.98    3633775.90        0.73968                        502271.98
3633775.90        0.77202
         502321.98    3633775.90        0.80943                        502371.98
3633775.90        0.84787
         502421.98    3633775.90        0.88958                        502471.98
3633775.90        0.93341
         502521.98    3633775.90        0.98132                        502571.98
3633775.90        1.03268

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633775.90        1.08748                        502671.98
3633775.90        1.14644
         504771.98    3633775.90        1.45876                        504821.98
3633775.90        1.38605

504871.98 3633775.90 1.29633 504921.98 3633775.90 1.20005
504971.98 3633775.90 1.13627 505021.98 3633775.90 1.05412
505071.98 3633775.90 0.97361 505121.98 3633775.90 0.90371
505171.98 3633775.90 0.86266 505221.98 3633775.90 0.83480
502221.98 3633825.90 0.75464 502271.98 3633825.90 0.78831
502321.98 3633825.90 0.82671 502371.98 3633825.90 0.86745
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502521.98 3633825.90 1.00806 502571.98 3633825.90 1.06277
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504771.98 3633825.90 1.59586 504821.98 3633825.90 1.47948
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504971.98 3633825.90 1.12846 505021.98 3633825.90 1.06479
505071.98 3633825.90 0.98762 505121.98 3633825.90 0.91324
505171.98 3633825.90 0.87411 505221.98 3633825.90 0.84727
502221.98 3633875.90 0.76816 502271.98 3633875.90 0.80372
502321.98 3633875.90 0.84419 502371.98 3633875.90 0.88596
502421.98 3633875.90 0.93188 502471.98 3633875.90 0.98052
502521.98 3633875.90 1.03436 502571.98 3633875.90 1.09263
502621.98 3633875.90 1.15541 502671.98 3633875.90 1.22296
504771.98 3633875.90 1.68576 504821.98 3633875.90 1.49297
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504971.98 3633875.90 1.12816 505021.98 3633875.90 1.05198
505071.98 3633875.90 0.99576 505121.98 3633875.90 0.93094
505171.98 3633875.90 0.89276 505221.98 3633875.90 0.86190
502221.98 3633925.90 0.78146 502271.98 3633925.90 0.81906

```
         502321.98    3633925.90        0.86053                       502371.98
3633925.90        0.90389
         502421.98    3633925.90        0.95264                       502471.98
3633925.90        1.00389
         502521.98    3633925.90        1.06030                       502571.98
3633925.90        1.12158
         502621.98    3633925.90        1.18821                       502671.98
3633925.90        1.26026
         504771.98    3633925.90        1.71180                       504821.98
3633925.90        1.51607
         504871.98    3633925.90        1.36888                       504921.98
3633925.90        1.22901
         504971.98    3633925.90        1.12356                       505021.98
3633925.90        1.05655
         505071.98    3633925.90        0.99929                       505121.98
3633925.90        0.94950
         505171.98    3633925.90        0.91310                       505221.98
3633925.90        0.87801
         502221.98    3633975.90        0.79456                       502271.98
3633975.90        0.83250
         502321.98    3633975.90        0.87537                       502371.98
3633975.90        0.92209
         502421.98    3633975.90        0.97233                       502471.98
3633975.90        1.02641
         502521.98    3633975.90        1.08567                       502571.98
3633975.90        1.14983
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                 PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 1.22031 | 502671.98 | 3633975.90 | 1.29664 |
| 504771.98 | 3633975.90 | 1.68787 | 504821.98 | 3633975.90 | 1.53913 |
| 504871.98 | 3633975.90 | 1.41438 | 504921.98 | 3633975.90 | 1.27241 |
| 504971.98 | 3633975.90 | 1.13731 | 505021.98 | 3633975.90 | 1.05767 |
| 505071.98 | 3633975.90 | 0.99739 | 505121.98 | 3633975.90 | 0.96375 |
| 505171.98 | 3633975.90 | 0.92592 | 505221.98 | 3633975.90 | 0.88477 |
| 502221.98 | 3634025.90 | 0.80684 | 502271.98 | 3634025.90 | 0.84586 |
| 502321.98 | 3634025.90 | 0.89005 | 502371.98 | 3634025.90 | 0.93855 |
| 502421.98 | 3634025.90 | 0.99064 | 502471.98 | 3634025.90 | 1.04723 |
| 502521.98 | 3634025.90 | 1.10903 | 502571.98 | 3634025.90 | 1.17669 |
| 502621.98 | 3634025.90 | 1.25114 | 502671.98 | 3634025.90 | 1.33233 |
| 504771.98 | 3634025.90 | 1.66632 | 504821.98 | 3634025.90 | 1.56280 |
| 504871.98 | 3634025.90 | 1.40206 | 504921.98 | 3634025.90 | 1.26153 |
| 504971.98 | 3634025.90 | 1.13056 | 505021.98 | 3634025.90 | 1.05219 |
| 505071.98 | 3634025.90 | 0.99212 | 505121.98 | 3634025.90 | 0.95958 |
| 505171.98 | 3634025.90 | 0.92372 | 505221.98 | 3634025.90 | 0.87641 |
| 502221.98 | 3634075.90 | 0.81711 | 502271.98 | 3634075.90 | 0.85820 |
| 502321.98 | 3634075.90 | 0.90365 | 502371.98 | 3634075.90 | 0.95296 |
| 502421.98 | 3634075.90 | 1.00642 | 502471.98 | 3634075.90 | 1.06537 |
| 502521.98 | 3634075.90 | 1.13039 | 502571.98 | 3634075.90 | 1.20233 |
| 502621.98 | 3634075.90 | 1.28015 | 502671.98 | 3634075.90 | 1.36663 |
| 504771.98 | 3634075.90 | 1.67760 | 504821.98 | 3634075.90 | 1.53872 |
| 504871.98 | 3634075.90 | 1.35878 | 504921.98 | | |

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3634075.90        1.22907
         504971.98    3634075.90        1.11597                         505021.98
3634075.90        1.03279
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3634075.90        0.93376
         505171.98    3634075.90        0.90161                         505221.98
3634075.90        0.85649
         502221.98    3634125.90        0.82585                         502271.98
3634125.90        0.86980
         502321.98    3634125.90        0.91622                         502371.98
3634125.90        0.96777
         502421.98    3634125.90        1.02315                         502471.98
3634125.90        1.08380
         502521.98    3634125.90        1.15028                         502571.98
3634125.90        1.22364
         502621.98    3634125.90        1.30702                         502671.98
3634125.90        1.39857
         504771.98    3634125.90        1.58189                         504821.98
3634125.90        1.45011
         504871.98    3634125.90        1.31556                         504921.98
3634125.90        1.17006
         504971.98    3634125.90        1.07938                         505021.98
3634125.90        0.99635
         505071.98    3634125.90        0.94233                         505121.98
3634125.90        0.90885
         505171.98    3634125.90        0.87350                         505221.98
3634125.90        0.83270
         502221.98    3634175.90        0.83242                         502271.98
3634175.90        0.87717
         502321.98    3634175.90        0.92470                         502371.98
3634175.90        0.98197
         502421.98    3634175.90        1.03911                         502471.98
3634175.90        1.10163
         502521.98    3634175.90        1.16986                         502571.98
3634175.90        1.24577
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:32:02

                                  PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
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, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634175.90        1.32984                       502671.98
3634175.90        1.42466
         504771.98    3634175.90        1.46573                       504821.98
3634175.90        1.32980
         504871.98    3634175.90        1.21389                       504921.98
3634175.90        1.11645
         504971.98    3634175.90        1.03046                       505021.98
3634175.90        0.96414
         505071.98    3634175.90        0.89828                       505121.98
3634175.90        0.87767
         505171.98    3634175.90        0.84640                       505221.98
3634175.90        0.82058
         502221.98    3634225.90        0.84065                       502271.98
3634225.90        0.88521
         502321.98    3634225.90        0.93696                       502371.98
3634225.90        0.99367
         502421.98    3634225.90        1.05296                       502471.98
3634225.90        1.11741
         502521.98    3634225.90        1.18751                       502571.98
3634225.90        1.26611
         502621.98    3634225.90        1.35277                       502671.98
3634225.90        1.45004
         504771.98    3634225.90        1.35681                       504821.98
3634225.90        1.23201
         504871.98    3634225.90        1.14672                       504921.98
3634225.90        1.06015
         504971.98    3634225.90        1.00910                       505021.98
3634225.90        0.93707
         505071.98    3634225.90        0.87459                       505121.98
3634225.90        0.84914
         505171.98    3634225.90        0.80192                       505221.98
3634225.90        0.79856
         502221.98    3634275.90        0.84791                       502271.98
3634275.90        0.89342
         502321.98    3634275.90        0.94503                       502371.98
3634275.90        1.00356
```

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         502421.98    3634275.90        1.06397                        502471.98
3634275.90        1.12990
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3634275.90        1.28310
         502621.98    3634275.90        1.37319                        502671.98
3634275.90        1.47360
         504771.98    3634275.90        1.27981                        504821.98
3634275.90        1.17564
         504871.98    3634275.90        1.09797                        504921.98
3634275.90        1.03805
         504971.98    3634275.90        1.00854                        505021.98
3634275.90        0.92334
         505071.98    3634275.90        0.86614                        505121.98
3634275.90        0.84406
         505171.98    3634275.90        0.78198                        505221.98
3634275.90        0.78212
         502221.98    3634325.90        0.85466                        502271.98
3634325.90        0.90169
         502321.98    3634325.90        0.95253                        502371.98
3634325.90        1.00822
         502421.98    3634325.90        1.06909                        502471.98
3634325.90        1.13560
         502521.98    3634325.90        1.20946                        502571.98
3634325.90        1.29118
         502621.98    3634325.90        1.38209                        502671.98
3634325.90        1.48468
         504771.98    3634325.90        1.24541                        504821.98
3634325.90        1.17386
         504871.98    3634325.90        1.10617                        504921.98
3634325.90        1.06207
         504971.98    3634325.90        1.02079                        505021.98
3634325.90        0.92020
         505071.98    3634325.90        0.86461                        505121.98
3634325.90        0.85615
         505171.98    3634325.90        0.79278                        505221.98
3634325.90        0.76727
         502221.98    3634375.90        0.86116                        502271.98
3634375.90        0.90870
         502321.98    3634375.90        0.95872                        502371.98
3634375.90        1.01368
         502421.98    3634375.90        1.07720                        502471.98
3634375.90        1.14703
         502521.98    3634375.90        1.22489                        502571.98
3634375.90        1.30876
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:32:02
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 1.39907 | 502671.98 | 3634375.90 | 1.49734 |
| 504771.98 | 3634375.90 | 1.25617 | 504821.98 | 3634375.90 | 1.21661 |
| 504871.98 | 3634375.90 | 1.14973 | 504921.98 | 3634375.90 | 1.10791 |
| 504971.98 | 3634375.90 | 1.03876 | 505021.98 | 3634375.90 | 0.93048 |
| 505071.98 | 3634375.90 | 0.88115 | 505121.98 | 3634375.90 | 0.88149 |
| 505171.98 | 3634375.90 | 0.81940 | 505221.98 | 3634375.90 | 0.77159 |
| 502221.98 | 3634425.90 | 0.86727 | 502271.98 | 3634425.90 | 0.91544 |
| 502321.98 | 3634425.90 | 0.96741 | 502371.98 | 3634425.90 | 1.02433 |
| 502421.98 | 3634425.90 | 1.08714 | 502471.98 | 3634425.90 | 1.15567 |
| 502521.98 | 3634425.90 | 1.23232 | 502571.98 | 3634425.90 | 1.31696 |
| 502621.98 | 3634425.90 | 1.41154 | 502671.98 | 3634425.90 | 1.51712 |
| 504771.98 | 3634425.90 | 1.28107 | 504821.98 | 3634425.90 | 1.23492 |
| 504871.98 | 3634425.90 | 1.22726 | 504921.98 | 3634425.90 | 1.21098 |
| 504971.98 | 3634425.90 | 1.07775 | 505021.98 | | |

3634425.90 0.99882
505071.98 3634425.90 0.96740 505121.98
3634425.90 0.92859
505171.98 3634425.90 0.85873 505221.98
3634425.90 0.79946
502221.98 3634475.90 0.86972 502271.98
3634475.90 0.91786
502321.98 3634475.90 0.97023 502371.98
3634475.90 1.02756
502421.98 3634475.90 1.09048 502471.98
3634475.90 1.15956
502521.98 3634475.90 1.23671 502571.98
3634475.90 1.32199
502621.98 3634475.90 1.41704 502671.98
3634475.90 1.52369
504771.98 3634475.90 1.33057 504821.98
3634475.90 1.25003
504871.98 3634475.90 1.24780 504921.98
3634475.90 1.33069
504971.98 3634475.90 1.20845 505021.98
3634475.90 1.12572
505071.98 3634475.90 1.07449 505121.98
3634475.90 0.99657
505171.98 3634475.90 0.91461 505221.98
3634475.90 0.84556
502221.98 3634525.90 0.87085 502271.98
3634525.90 0.91871
502321.98 3634525.90 0.97107 502371.98
3634525.90 1.02852
502421.98 3634525.90 1.09138 502471.98
3634525.90 1.16079
502521.98 3634525.90 1.23743 502571.98
3634525.90 1.32294
502621.98 3634525.90 1.41821 502671.98
3634525.90 1.52603
504771.98 3634525.90 1.45121 504821.98
3634525.90 1.32850
504871.98 3634525.90 1.32124 504921.98
3634525.90 1.44153
504971.98 3634525.90 1.42057 505021.98
3634525.90 1.29733
505071.98 3634525.90 1.19192 505121.98
3634525.90 1.06930
505171.98 3634525.90 0.95953 505221.98
3634525.90 0.87023
502221.98 3634575.90 0.87114 502271.98
3634575.90 0.91803
502321.98 3634575.90 0.96995 502371.98
3634575.90 1.02704
502421.98 3634575.90 1.08980 502471.98

3634575.90        1.15902
         502521.98    3634575.90        1.23530                       502571.98
3634575.90        1.32014

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634575.90        1.41482                       502671.98
3634575.90        1.52155
         504771.98    3634575.90        1.71044                       504821.98
3634575.90        1.54653
         504871.98    3634575.90        1.56919                       504921.98
3634575.90        1.66093
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3634575.90        1.35709
         505071.98    3634575.90        1.22269                       505121.98
3634575.90        1.10546
         505171.98    3634575.90        0.94259                       505221.98
3634575.90        0.86285
         502221.98    3634625.90        0.86923                       502271.98
3634625.90        0.91649
         502321.98    3634625.90        0.96696                       502371.98
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3634625.90        1.15386

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         502521.98    3634625.90        1.23028                    502571.98
3634625.90        1.31398
         502621.98    3634625.90        1.40734                    502671.98
3634625.90        1.51148
         504771.98    3634625.90        2.09842                    504821.98
3634625.90        2.02836
         504871.98    3634625.90        1.87915                    504921.98
3634625.90        1.73390
         504971.98    3634625.90        1.55291                    505021.98
3634625.90        1.37059
         505071.98    3634625.90        1.20739                    505121.98
3634625.90        1.09660
         505171.98    3634625.90        0.92355                    505221.98
3634625.90        0.84371
         502221.98    3634675.90        0.86514                    502271.98
3634675.90        0.91262
         502321.98    3634675.90        0.96385                    502371.98
3634675.90        1.01938
         502421.98    3634675.90        1.08059                    502471.98
3634675.90        1.14781
         502521.98    3634675.90        1.22187                    502571.98
3634675.90        1.30409
         502621.98    3634675.90        1.39533                    502671.98
3634675.90        1.49654
         504771.98    3634675.90        2.19612                    504821.98
3634675.90        2.02890
         504871.98    3634675.90        1.85663                    504921.98
3634675.90        1.72402
         504971.98    3634675.90        1.58526                    505021.98
3634675.90        1.37260
         505071.98    3634675.90        1.17000                    505121.98
3634675.90        1.07403
         505171.98    3634675.90        0.93511                    505221.98
3634675.90        0.84771
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3634725.90        0.90628
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         502421.98    3634725.90        1.07112                    502471.98
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3634725.90        1.28920
         502621.98    3634725.90        1.37763                    502671.98
3634725.90        1.47636
         504771.98    3634725.90        2.12372                    504821.98
3634725.90        1.97941
         504871.98    3634725.90        1.84490                    504921.98
3634725.90        1.68881
         504971.98    3634725.90        1.51535                    505021.98
3634725.90        1.27316
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3634775.90 0.98902
505171.98 3634775.90 0.86690 505221.98
3634775.90 0.80299
502221.98 3634825.90 0.84541 502271.98
3634825.90 0.88948
502321.98 3634825.90 0.93684 502371.98
3634825.90 0.98847
502421.98 3634825.90 1.04419 502471.98
3634825.90 1.10470
502521.98 3634825.90 1.17383 502571.98
3634825.90 1.24813
502621.98 3634825.90 1.32969 502671.98
3634825.90 1.41969
504771.98 3634825.90 1.95905 504821.98
3634825.90 1.83895
504871.98 3634825.90 1.69543 504921.98
3634825.90 1.46795
504971.98 3634825.90 1.15572 505021.98
3634825.90 0.98776
505071.98 3634825.90 0.94678 505121.98
3634825.90 0.90467
505171.98 3634825.90 0.81892 505221.98
3634825.90 0.76648
502221.98 3634875.90 0.83540 502271.98
3634875.90 0.87783
502321.98 3634875.90 0.92380 502371.98
3634875.90 0.97386
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3634875.90 1.08724
502521.98 3634875.90 1.15181 502571.98
3634875.90 1.22258
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3634875.90 1.38589
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504871.98 3634875.90 1.63163 504921.98
3634875.90 1.36045
504971.98 3634875.90 1.07050 505021.98
3634875.90 0.91705
505071.98 3634875.90 0.83819 505121.98
3634875.90 0.81714
505171.98 3634875.90 0.76883 505221.98
3634875.90 0.73690
502221.98 3634925.90 0.82363 502271.98
3634925.90 0.86479
502321.98 3634925.90 0.90922 502371.98
3634925.90 0.95726
502421.98 3634925.90 1.00939 502471.98
3634925.90 1.06577
502521.98 3634925.90 1.12755 502571.98

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3634925.90        1.19485
         502621.98    3634925.90        1.26839                        502671.98
3634925.90        1.34937
         504771.98    3634925.90        1.81315                        504821.98
3634925.90        1.68523
         504871.98    3634925.90        1.57807                        504921.98
3634925.90        1.34823
         504971.98    3634925.90        1.06905                        505021.98
3634925.90        0.88246
         505071.98    3634925.90        0.79367                        505121.98
3634925.90        0.76940
         505171.98    3634925.90        0.73286                        505221.98
3634925.90        0.70953
         502221.98    3634975.90        0.81066                        502271.98
3634975.90        0.85047
         502321.98    3634975.90        0.89306                        502371.98
3634975.90        0.93916
         502421.98    3634975.90        0.98900                        502471.98
3634975.90        1.04290
         502521.98    3634975.90        1.10164                        502571.98
3634975.90        1.16536
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:32:02

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
         502621.98    3634975.90        1.23495                    502671.98
3634975.90        1.31110
         504821.98    3634975.90        1.61618                    504871.98
3634975.90        1.52251
         504921.98    3634975.90        1.38230                    504971.98
3634975.90        1.05918
         505021.98    3634975.90        0.88438                    505071.98
3634975.90        0.79192
         505121.98    3634975.90        0.78496                    505171.98
3634975.90        0.74798
         505221.98    3634975.90        0.70830                    502221.98
3635025.90        0.79672
         502271.98    3635025.90        0.83504                    502321.98
3635025.90        0.87596
         502371.98    3635025.90        0.92000                    502421.98
3635025.90        0.96760
         502471.98    3635025.90        1.01898                    502521.98
3635025.90        1.07463
         502571.98    3635025.90        1.13498                    502621.98
3635025.90        1.20061
         502671.98    3635025.90        1.27208                    504871.98
3635025.90        1.46424
         504921.98    3635025.90        1.34588                    504971.98
3635025.90        1.10046
         505021.98    3635025.90        0.89556                    505071.98
3635025.90        0.81895
         505121.98    3635025.90        0.82391                    505171.98
3635025.90        0.79079
         505221.98    3635025.90        0.73563                    502221.98
3635075.90        0.78220
         502271.98    3635075.90        0.81881                    502321.98
3635075.90        0.85788
         502371.98    3635075.90        0.90000                    502421.98
3635075.90        0.94520
         502471.98    3635075.90        0.99396                    502521.98
3635075.90        1.04670
         502571.98    3635075.90        1.10382                    502621.98
3635075.90        1.16569
         502671.98    3635075.90        1.23288                    504921.98
3635075.90        1.32759
         504971.98    3635075.90        1.20699                    505021.98
3635075.90        0.95969
         505071.98    3635075.90        0.90188                    505121.98
3635075.90        0.89803
         505171.98    3635075.90        0.89736                    505221.98
3635075.90        0.82793
         502221.98    3635125.90        0.76682                    502271.98
3635125.90        0.80198
         502321.98    3635125.90        0.83921                    502371.98
3635125.90        0.87927
```

```
         502421.98    3635125.90        0.92225                        502471.98
3635125.90        0.96843
         502521.98    3635125.90        1.01841                        502571.98
3635125.90        1.07238
         502621.98    3635125.90        1.13067                        502671.98
3635125.90        1.19380
         505021.98    3635125.90        1.11522                        505071.98
3635125.90        1.03202
         505121.98    3635125.90        1.01432                        505171.98
3635125.90        0.98622
         505221.98    3635125.90        0.88486                        502221.98
3635175.90        0.75098
         502271.98    3635175.90        0.78465                        502321.98
3635175.90        0.82010
         502371.98    3635175.90        0.85814                        502421.98
3635175.90        0.89895
         502471.98    3635175.90        0.94274                        502521.98
3635175.90        0.98988
         502571.98    3635175.90        1.04091                        502621.98
3635175.90        1.09594
         502671.98    3635175.90        1.15507                        505121.98
3635175.90        1.01301
         505171.98    3635175.90        0.96767                        505221.98
3635175.90        0.92260
         502221.98    3635225.90        0.73496                        502271.98
3635225.90        0.76695
         502321.98    3635225.90        0.80091                        502371.98
3635225.90        0.83713
         502421.98    3635225.90        0.87588                        502471.98
3635225.90        0.91743
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                 PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 0.96209 | 502571.98 | 3635225.90 | 1.01011 |
| 502621.98 | 3635225.90 | 1.06160 | 502671.98 | 3635225.90 | 1.11707 |
| 502221.98 | 3635275.90 | 0.73615 | 502271.98 | 3635275.90 | 0.74933 |
| 502321.98 | 3635275.90 | 0.78246 | 502371.98 | 3635275.90 | 0.81811 |
| 502421.98 | 3635275.90 | 0.85395 | 502471.98 | 3635275.90 | 0.89378 |
| 502521.98 | 3635275.90 | 0.94176 | 502571.98 | 3635275.90 | 0.97968 |
| 502621.98 | 3635275.90 | 1.02785 | 502671.98 | 3635275.90 | 1.07951 |
| 502221.98 | 3635325.90 | 0.73010 | 502271.98 | 3635325.90 | 0.73268 |
| 502321.98 | 3635325.90 | 0.77124 | 502371.98 | 3635325.90 | 0.80787 |
| 502421.98 | 3635325.90 | 0.84321 | 502471.98 | 3635325.90 | 0.87688 |
| 502521.98 | 3635325.90 | 0.91174 | 502571.98 | 3635325.90 | 0.95173 |
| 502621.98 | 3635325.90 | 0.99578 | 502671.98 | 3635325.90 | 1.04304 |
| 502221.98 | 3635375.90 | 0.70756 | 502271.98 | 3635375.90 | 0.72287 |
| 502321.98 | 3635375.90 | 0.75528 | 502371.98 | 3635375.90 | 0.78787 |
| 502421.98 | 3635375.90 | 0.81840 | 502471.98 | 3635375.90 | 0.84890 |
| 502521.98 | 3635375.90 | 0.88012 | 502571.98 | 3635375.90 | 0.91737 |
| 502621.98 | 3635375.90 | 0.95813 | 502671.98 | 3635375.90 | 1.00252 |
| 502221.98 | 3635425.90 | 0.69081 | 502271.98 | 3635425.90 | 0.70582 |
| 502321.98 | 3635425.90 | 0.73387 | 502371.98 | 3635425.90 | 0.76149 |
| 502421.98 | 3635425.90 | 0.78926 | 502471.98 | 3635425.90 | 0.81778 |
| 502521.98 | 3635425.90 | 0.84846 | 502571.98 | | |

3635425.90        0.88224
         502621.98    3635425.90        0.91882                        502671.98
3635425.90        0.95894
         504771.98    3635425.90        1.17616                        502221.98
3635475.90        0.66828
         502271.98    3635475.90        0.68912                        502321.98
3635475.90        0.71210
         502371.98    3635475.90        0.73627                        502421.98
3635475.90        0.76158
         502471.98    3635475.90        0.78655                        502521.98
3635475.90        0.81776
         502571.98    3635475.90        0.84983                        502621.98
3635475.90        0.88437
         502671.98    3635475.90        0.91749                        504771.98
3635475.90        1.15063
         504821.98    3635475.90        1.09549                        504871.98
3635475.90        1.05263
         504921.98    3635475.90        1.00396                        502221.98
3635525.90        0.64627
         502271.98    3635525.90        0.66733                        502321.98
3635525.90        0.68870
         502371.98    3635525.90        0.71146                        502421.98
3635525.90        0.73511
         502471.98    3635525.90        0.75968                        502521.98
3635525.90        0.78841
         502571.98    3635525.90        0.81789                        502621.98
3635525.90        0.84809
         502671.98    3635525.90        0.87865                        502721.98
3635525.90        0.91216
         502771.98    3635525.90        0.94992                        502821.98
3635525.90        0.98982
         502871.98    3635525.90        1.03275                        502921.98
3635525.90        1.07538
         502971.98    3635525.90        1.11915                        503021.98
3635525.90        1.16376
         503071.98    3635525.90        1.21151                        503121.98
3635525.90        1.27122
         503171.98    3635525.90        1.31439                        503221.98
3635525.90        1.33814

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635525.90        1.37903                       503321.98
3635525.90        1.42147
         503371.98    3635525.90        1.46511                       503421.98
3635525.90        1.50729
         503471.98    3635525.90        1.55787                       503521.98
3635525.90        1.60150
         503571.98    3635525.90        1.61749                       503621.98
3635525.90        1.62793
         503671.98    3635525.90        1.64738                       503721.98
3635525.90        1.66900
         503771.98    3635525.90        1.69397                       503821.98
3635525.90        1.71622
         503871.98    3635525.90        1.71795                       503921.98
3635525.90        1.74420
         503971.98    3635525.90        1.76717                       504021.98
3635525.90        1.72035
         504071.98    3635525.90        1.63773                       504121.98
3635525.90        1.59803
         504171.98    3635525.90        1.57428                       504221.98
3635525.90        1.53189
         504271.98    3635525.90        1.49681                       504321.98
3635525.90        1.45768
         504371.98    3635525.90        1.41584                       504421.98
3635525.90        1.37417
         504471.98    3635525.90        1.33190                       504521.98
3635525.90        1.28882
         504571.98    3635525.90        1.25030                       504621.98
3635525.90        1.21443
         504671.98    3635525.90        1.17713                       504721.98
3635525.90        1.15607
         504771.98    3635525.90        1.10951                       504821.98
3635525.90        1.06687
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         504871.98    3635525.90        1.02256                      504921.98
3635525.90        0.96916
         504971.98    3635525.90        0.93274                      505021.98
3635525.90        0.89799
         505071.98    3635525.90        0.85910                      505121.98
3635525.90        0.82220
         505171.98    3635525.90        0.78764                      505221.98
3635525.90        0.75557
         502221.98    3635575.90        0.62010                      502271.98
3635575.90        0.64559
         502321.98    3635575.90        0.66607                      502371.98
3635575.90        0.68718
         502421.98    3635575.90        0.70913                      502471.98
3635575.90        0.73379
         502521.98    3635575.90        0.76138                      502571.98
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         502621.98    3635575.90        0.81668                      502671.98
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         502821.98    3635575.90        0.94974                      502871.98
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         502921.98    3635575.90        1.02643                      502971.98
3635575.90        1.06447
         503021.98    3635575.90        1.10380                      503071.98
3635575.90        1.14713
         503121.98    3635575.90        1.20129                      503171.98
3635575.90        1.23976
         503221.98    3635575.90        1.26063                      503271.98
3635575.90        1.30185
         503321.98    3635575.90        1.34272                      503371.98
3635575.90        1.38608
         503421.98    3635575.90        1.42746                      503471.98
3635575.90        1.47511
         503521.98    3635575.90        1.51511                      503571.98
3635575.90        1.53153
         503621.98    3635575.90        1.52711                      503671.98
3635575.90        1.54050
         503721.98    3635575.90        1.55603                      503771.98
3635575.90        1.57078
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3635575.90        1.59883
         503921.98    3635575.90        1.61550                      503971.98
3635575.90        1.63472
         504021.98    3635575.90        1.54288                      504071.98
3635575.90        1.51331
         504121.98    3635575.90        1.49509                      504171.98
3635575.90        1.47468
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
```

*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                            *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                            INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635625.90 0.64161
502371.98 3635625.90 0.66414 502421.98
3635625.90 0.67957
502471.98 3635625.90 0.70127 502521.98
3635625.90 0.72585
502571.98 3635625.90 0.75904 502621.98
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503071.98 3635625.90 1.08267 503121.98
3635625.90 1.12005
503171.98 3635625.90 1.15755 503221.98
3635625.90 1.19550
503271.98 3635625.90 1.23356 503321.98
3635625.90 1.27186
503371.98 3635625.90 1.30861 503421.98
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3635625.90 1.44994
504071.98 3635625.90 1.41646 504121.98
3635625.90 1.39964
504171.98 3635625.90 1.38089 504221.98
3635625.90 1.36956
504271.98 3635625.90 1.33240 504321.98
3635625.90 1.28174
504371.98 3635625.90 1.25101 504421.98
3635625.90 1.22184
504471.98 3635625.90 1.18726 504521.98
3635625.90 1.15376
504571.98 3635625.90 1.11945 504621.98
3635625.90 1.08665
504671.98 3635625.90 1.05581 504721.98
3635625.90 1.03338
504771.98 3635625.90 1.01821 504821.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505171.98    3635625.90        0.74922                        505221.98
3635625.90        0.71921
         502221.98    3635675.90        0.56490                        502271.98
3635675.90        0.59292
         502321.98    3635675.90        0.61284                        502371.98
3635675.90        0.63505
         502421.98    3635675.90        0.65369                        502471.98
3635675.90        0.67629
         502521.98    3635675.90        0.70066                        502571.98
3635675.90        0.72925
         502621.98    3635675.90        0.75782                        502671.98
3635675.90        0.78517
         502721.98    3635675.90        0.81006                        502771.98
3635675.90        0.83407

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         502821.98    3635675.90        0.86441                    502871.98
3635675.90        0.89503
         502921.98    3635675.90        0.91973                    502971.98
3635675.90        0.95703
         503021.98    3635675.90        0.98804                    503071.98
3635675.90        1.02344
         503121.98    3635675.90        1.05702                    503171.98
3635675.90        1.09091
         503221.98    3635675.90        1.12959                    503271.98
3635675.90        1.16542
         503321.98    3635675.90        1.20033                    503371.98
3635675.90        1.23725
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3635675.90        1.31005
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3635675.90        1.36681
         503621.98    3635675.90        1.37178                    503671.98
3635675.90        1.37448
         503721.98    3635675.90        1.39077                    503771.98
3635675.90        1.40108
         503821.98    3635675.90        1.39798                    503871.98
3635675.90        1.39118
         503921.98    3635675.90        1.41297                    503971.98
3635675.90        1.41538
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3635675.90        1.34888
         504121.98    3635675.90        1.31559                    504171.98
3635675.90        1.29473
         504221.98    3635675.90        1.27695                    504271.98
3635675.90        1.26135
         504321.98    3635675.90        1.21845                    504371.98
3635675.90        1.17987
         504421.98    3635675.90        1.15180                    504471.98
3635675.90        1.13059
         504521.98    3635675.90        1.11440                    504571.98
3635675.90        1.06372
         504621.98    3635675.90        1.04998                    504671.98
3635675.90        1.00898
         504721.98    3635675.90        0.97993                    504771.98
3635675.90        0.99604
         504821.98    3635675.90        0.94978                    504871.98
3635675.90        0.91444
         504921.98    3635675.90        0.86782                    504971.98
3635675.90        0.85317
         505021.98    3635675.90        0.81766                    505071.98
3635675.90        0.77862
         505121.98    3635675.90        0.76259                    505171.98
3635675.90        0.73283
         505221.98    3635675.90        0.70282                    502221.98
3635725.90        0.54159
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503071.98    3635725.90        0.96842                      503121.98
3635725.90        0.99549
         503171.98    3635725.90        1.02684                      503221.98
3635725.90        1.06778
         503271.98    3635725.90        1.09968                      503321.98

```
3635725.90        1.13022
         503371.98    3635725.90        1.16375                    503421.98
3635725.90        1.20306
         503471.98    3635725.90        1.23603                    503521.98
3635725.90        1.26695
         503571.98    3635725.90        1.28386                    503621.98
3635725.90        1.29953
         503671.98    3635725.90        1.29622                    503721.98
3635725.90        1.31285
         503771.98    3635725.90        1.32000                    503821.98
3635725.90        1.31442
         503871.98    3635725.90        1.30975                    503921.98
3635725.90        1.32512
         503971.98    3635725.90        1.33426                    504021.98
3635725.90        1.30042
         504071.98    3635725.90        1.28921                    504121.98
3635725.90        1.25747
         504171.98    3635725.90        1.23742                    504221.98
3635725.90        1.25833
         504271.98    3635725.90        1.23720                    504321.98
3635725.90        1.16640
         504371.98    3635725.90        1.13356                    504421.98
3635725.90        1.09143
         504471.98    3635725.90        1.08869                    504521.98
3635725.90        1.07824
         504571.98    3635725.90        1.02763                    504621.98
3635725.90        1.00590
         504671.98    3635725.90        0.98636                    504721.98
3635725.90        0.93946
         504771.98    3635725.90        0.91248                    504821.98
3635725.90        0.90043
         504871.98    3635725.90        0.86513                    504921.98
3635725.90        0.83719
         504971.98    3635725.90        0.82658                    505021.98
3635725.90        0.80029
         505071.98    3635725.90        0.76425                    505121.98
3635725.90        0.74384
         505171.98    3635725.90        0.71564                    505221.98
3635725.90        0.68744
         502221.98    3635775.90        0.52260                    502271.98
3635775.90        0.55246
         502321.98    3635775.90        0.57297                    502371.98
3635775.90        0.59565
         502421.98    3635775.90        0.61270                    502471.98
3635775.90        0.63293
         502521.98    3635775.90        0.65364                    502571.98
3635775.90        0.67771
         502621.98    3635775.90        0.70170                    502671.98
3635775.90        0.72544
         502721.98    3635775.90        0.75222                    502771.98
```

3635775.90        0.77691
         502821.98    3635775.90        0.80040                      502871.98
3635775.90        0.82430
         502921.98    3635775.90        0.84161                      502971.98
3635775.90        0.86988
         503021.98    3635775.90        0.88747                      503071.98
3635775.90        0.91702
         503121.98    3635775.90        0.94393                      503171.98
3635775.90        0.97615
         503221.98    3635775.90        0.96509                      503271.98
3635775.90        0.97113
         503321.98    3635775.90        1.01739                      503371.98
3635775.90        1.08474
         503421.98    3635775.90        1.13276                      503471.98
3635775.90        1.16640
         503521.98    3635775.90        1.18980                      503571.98
3635775.90        1.22155
         503621.98    3635775.90        1.24011                      503671.98
3635775.90        1.23730
         503721.98    3635775.90        1.23293                      503771.98
3635775.90        1.24334
         503821.98    3635775.90        1.24472                      503871.98
3635775.90        1.25443
         503921.98    3635775.90        1.27944                      503971.98
3635775.90        1.28029

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 1.23920 | 504071.98 | 3635775.90 | 1.25446 |
| 504121.98 | 3635775.90 | 1.22620 | 504171.98 | 3635775.90 | 1.21340 |
| 504221.98 | 3635775.90 | 1.21211 | 504271.98 | 3635775.90 | 1.19718 |
| 504321.98 | 3635775.90 | 1.15048 | 504371.98 | 3635775.90 | 1.10064 |
| 504421.98 | 3635775.90 | 1.05810 | 504471.98 | 3635775.90 | 1.05741 |
| 504521.98 | 3635775.90 | 1.04072 | 504571.98 | 3635775.90 | 0.98888 |
| 504621.98 | 3635775.90 | 0.97380 | 504671.98 | 3635775.90 | 0.93896 |
| 504721.98 | 3635775.90 | 0.90368 | 504771.98 | 3635775.90 | 0.88025 |
| 504821.98 | 3635775.90 | 0.85604 | 504871.98 | 3635775.90 | 0.83253 |
| 504921.98 | 3635775.90 | 0.80831 | 504971.98 | 3635775.90 | 0.80173 |
| 505021.98 | 3635775.90 | 0.77786 | 505071.98 | 3635775.90 | 0.74405 |
| 505121.98 | 3635775.90 | 0.72265 | 505171.98 | 3635775.90 | 0.69779 |
| 505221.98 | 3635775.90 | 0.67284 | 502221.98 | 3635825.90 | 0.50592 |
| 502271.98 | 3635825.90 | 0.53527 | 502321.98 | 3635825.90 | 0.55564 |
| 502371.98 | 3635825.90 | 0.57789 | 502421.98 | 3635825.90 | 0.59366 |
| 502471.98 | 3635825.90 | 0.61338 | 502521.98 | 3635825.90 | 0.63250 |
| 502571.98 | 3635825.90 | 0.65547 | 502621.98 | 3635825.90 | 0.67826 |
| 502671.98 | 3635825.90 | 0.70097 | 502721.98 | 3635825.90 | 0.72392 |
| 502771.98 | 3635825.90 | 0.74828 | 502821.98 | 3635825.90 | 0.77076 |
| 502871.98 | 3635825.90 | 0.79307 | 502921.98 | 3635825.90 | 0.80901 |
| 502971.98 | 3635825.90 | 0.83555 | 503021.98 | 3635825.90 | 0.84218 |
| 503071.98 | 3635825.90 | 0.86050 | 503121.98 | 3635825.90 | 0.88924 |
| 503171.98 | 3635825.90 | 0.92081 | 503221.98 | 3635825.90 | 0.89519 |

```
         503271.98    3635825.90        0.91280                       503321.98
3635825.90        0.95430
         503371.98    3635825.90        1.02571                       503421.98
3635825.90        1.06622
         503471.98    3635825.90        1.10097                       503521.98
3635825.90        1.08091
         503571.98    3635825.90        1.12016                       503621.98
3635825.90        1.16744
         503671.98    3635825.90        1.18405                       503721.98
3635825.90        1.18001
         503771.98    3635825.90        1.17471                       503821.98
3635825.90        1.18188
         503871.98    3635825.90        1.18946                       503921.98
3635825.90        1.20474
         503971.98    3635825.90        1.21864                       504021.98
3635825.90        1.18551
         504071.98    3635825.90        1.21997                       504121.98
3635825.90        1.21709
         504171.98    3635825.90        1.18138                       504221.98
3635825.90        1.17072
         504271.98    3635825.90        1.17294                       504321.98
3635825.90        1.13121
         504371.98    3635825.90        1.08468                       504421.98
3635825.90        1.04973
         504471.98    3635825.90        1.03377                       504521.98
3635825.90        1.01687
         504571.98    3635825.90        0.97072                       504621.98
3635825.90        0.94463
         504671.98    3635825.90        0.90401                       504721.98
3635825.90        0.86327
         504771.98    3635825.90        0.84115                       504821.98
3635825.90        0.82784
         504871.98    3635825.90        0.81115                       504921.98
3635825.90        0.78484
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:32:02

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 0.77090 | 505021.98 | 3635825.90 | 0.74956 |
| 505071.98 | 3635825.90 | 0.72785 | 505121.98 | 3635825.90 | 0.70257 |
| 505171.98 | 3635825.90 | 0.68118 | 505221.98 | 3635825.90 | 0.65820 |
| 502221.98 | 3635875.90 | 0.49156 | 502271.98 | 3635875.90 | 0.52012 |
| 502321.98 | 3635875.90 | 0.54113 | 502371.98 | 3635875.90 | 0.56068 |
| 502421.98 | 3635875.90 | 0.57601 | 502471.98 | 3635875.90 | 0.59445 |
| 502521.98 | 3635875.90 | 0.61169 | 502571.98 | 3635875.90 | 0.63341 |
| 502621.98 | 3635875.90 | 0.65248 | 502671.98 | 3635875.90 | 0.67442 |
| 502721.98 | 3635875.90 | 0.69761 | 502771.98 | 3635875.90 | 0.72071 |
| 502821.98 | 3635875.90 | 0.74150 | 502871.98 | 3635875.90 | 0.76286 |
| 502921.98 | 3635875.90 | 0.77276 | 502971.98 | 3635875.90 | 0.79770 |
| 503021.98 | 3635875.90 | 0.80069 | 503071.98 | 3635875.90 | 0.81754 |
| 503121.98 | 3635875.90 | 0.84170 | 503171.98 | 3635875.90 | 0.87117 |
| 503221.98 | 3635875.90 | 0.88094 | 503271.98 | 3635875.90 | 0.88615 |
| 503321.98 | 3635875.90 | 0.93815 | 503371.98 | 3635875.90 | 0.96907 |
| 503421.98 | 3635875.90 | 1.00823 | 503471.98 | 3635875.90 | 1.03243 |
| 503521.98 | 3635875.90 | 0.96037 | 503571.98 | 3635875.90 | 1.05379 |
| 503621.98 | 3635875.90 | 1.10663 | 503671.98 | 3635875.90 | 1.11804 |
| 503721.98 | 3635875.90 | 1.11670 | 503771.98 | | |

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3635875.90        1.11587
         503821.98    3635875.90        1.12427                      503871.98
3635875.90        1.13984
         503921.98    3635875.90        1.14482                      503971.98
3635875.90        1.15231
         504021.98    3635875.90        1.14151                      504071.98
3635875.90        1.16618
         504121.98    3635875.90        1.16519                      504171.98
3635875.90        1.15129
         504221.98    3635875.90        1.15414                      504271.98
3635875.90        1.14674
         504321.98    3635875.90        1.10912                      504371.98
3635875.90        1.07485
         504421.98    3635875.90        1.04894                      504471.98
3635875.90        1.00472
         504521.98    3635875.90        0.97539                      504571.98
3635875.90        0.94583
         504621.98    3635875.90        0.91666                      504671.98
3635875.90        0.88459
         504721.98    3635875.90        0.83006                      504771.98
3635875.90        0.80963
         504821.98    3635875.90        0.79834                      504871.98
3635875.90        0.77794
         504921.98    3635875.90        0.75958                      504971.98
3635875.90        0.74967
         505021.98    3635875.90        0.72447                      505071.98
3635875.90        0.70140
         505121.98    3635875.90        0.68345                      505171.98
3635875.90        0.66307
         505221.98    3635875.90        0.64336                      502221.98
3635925.90        0.47691
         502271.98    3635925.90        0.50468                      502321.98
3635925.90        0.52392
         502371.98    3635925.90        0.54460                      502421.98
3635925.90        0.55909
         502471.98    3635925.90        0.57633                      502521.98
3635925.90        0.59081
         502571.98    3635925.90        0.61068                      502621.98
3635925.90        0.62989
         502671.98    3635925.90        0.65069                      502721.98
3635925.90        0.67270
         502771.98    3635925.90        0.69485                      502821.98
3635925.90        0.71374
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:32:02

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 0.73421 | 502921.98 | 3635925.90 | 0.74207 |
| 502971.98 | 3635925.90 | 0.76208 | 503021.98 | 3635925.90 | 0.76486 |
| 503071.98 | 3635925.90 | 0.77768 | 503121.98 | 3635925.90 | 0.79950 |
| 503171.98 | 3635925.90 | 0.82058 | 503221.98 | 3635925.90 | 0.83435 |
| 503271.98 | 3635925.90 | 0.85742 | 503321.98 | 3635925.90 | 0.89169 |
| 503371.98 | 3635925.90 | 0.92460 | 503421.98 | 3635925.90 | 0.95432 |
| 503471.98 | 3635925.90 | 0.94305 | 503521.98 | 3635925.90 | 0.91377 |
| 503571.98 | 3635925.90 | 0.98771 | 503621.98 | 3635925.90 | 1.05198 |
| 503671.98 | 3635925.90 | 1.05998 | 503721.98 | 3635925.90 | 1.06416 |
| 503771.98 | 3635925.90 | 1.06915 | 503821.98 | 3635925.90 | 1.07218 |
| 503871.98 | 3635925.90 | 1.07356 | 503921.98 | 3635925.90 | 1.08131 |
| 503971.98 | 3635925.90 | 1.09209 | 504021.98 | 3635925.90 | 1.09259 |
| 504071.98 | 3635925.90 | 1.10373 | 504121.98 | 3635925.90 | 1.11233 |
| 504171.98 | 3635925.90 | 1.11653 | 504221.98 | 3635925.90 | 1.12229 |

504271.98 3635925.90 1.10511 504321.98
3635925.90 1.07888
504371.98 3635925.90 1.06117 504421.98
3635925.90 1.04054
504471.98 3635925.90 1.00747 504521.98
3635925.90 0.96589
504571.98 3635925.90 0.92247 504621.98
3635925.90 0.87856
504671.98 3635925.90 0.85800 504721.98
3635925.90 0.82814
504771.98 3635925.90 0.79503 504821.98
3635925.90 0.76170
504871.98 3635925.90 0.74610 504921.98
3635925.90 0.72918
504971.98 3635925.90 0.72670 505021.98
3635925.90 0.71020
505071.98 3635925.90 0.69052 505121.98
3635925.90 0.66597
505171.98 3635925.90 0.64568 505221.98
3635925.90 0.63376
502221.98 3635975.90 0.45929 502271.98
3635975.90 0.48569
502321.98 3635975.90 0.50486 502371.98
3635975.90 0.52719
502421.98 3635975.90 0.54124 502471.98
3635975.90 0.55816
502521.98 3635975.90 0.57264 502571.98
3635975.90 0.59363
502621.98 3635975.90 0.61143 502671.98
3635975.90 0.62905
502721.98 3635975.90 0.64921 502771.98
3635975.90 0.66927
502821.98 3635975.90 0.68686 502871.98
3635975.90 0.70714
502921.98 3635975.90 0.71468 502971.98
3635975.90 0.73295
503021.98 3635975.90 0.73367 503071.98
3635975.90 0.74950
503121.98 3635975.90 0.76322 503171.98
3635975.90 0.78124
503221.98 3635975.90 0.79856 503271.98
3635975.90 0.82603
503321.98 3635975.90 0.85353 503371.98
3635975.90 0.89044
503421.98 3635975.90 0.88164 503471.98
3635975.90 0.87619
503521.98 3635975.90 0.90973 503571.98
3635975.90 0.97676
503621.98 3635975.90 0.99907 503671.98
3635975.90 1.00837

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503821.98    3635975.90        1.02010                      503871.98
3635975.90        1.01852
         503921.98    3635975.90        1.02458                      503971.98
3635975.90        1.03396
         504021.98    3635975.90        1.04564                      504071.98
3635975.90        1.05858
         504121.98    3635975.90        1.06861                      504171.98
3635975.90        1.07572
         504221.98    3635975.90        1.07665                      504271.98
3635975.90        1.06531
         504321.98    3635975.90        1.05343                      504371.98
3635975.90        1.04276
         504421.98    3635975.90        1.02337                      504471.98
3635975.90        0.99199
         504521.98    3635975.90        0.96510                      504571.98
3635975.90        0.93324
         504621.98    3635975.90        0.90680                      504671.98
3635975.90        0.86384
         504721.98    3635975.90        0.83161                      504771.98

3635975.90 0.79512
504821.98 3635975.90 0.75853 504871.98
3635975.90 0.73129
504921.98 3635975.90 0.70660 504971.98
3635975.90 0.70302
505021.98 3635975.90 0.68816 505071.98
3635975.90 0.67113
505121.98 3635975.90 0.65080 505171.98
3635975.90 0.63202
505221.98 3635975.90 0.61082 501721.98
3632475.90 0.31632
501821.98 3632475.90 0.32964 501921.98
3632475.90 0.34355
502021.98 3632475.90 0.35805 502121.98
3632475.90 0.37308
502221.98 3632475.90 0.38866 502321.98
3632475.90 0.40472
502421.98 3632475.90 0.42110 502521.98
3632475.90 0.43772
502621.98 3632475.90 0.45431 502721.98
3632475.90 0.46394
502821.98 3632475.90 0.46310 502921.98
3632475.90 0.44803
503021.98 3632475.90 0.43851 503121.98
3632475.90 0.42180
503221.98 3632475.90 0.44026 503321.98
3632475.90 0.41385
503421.98 3632475.90 0.40140 503721.98
3632475.90 0.38106
503821.98 3632475.90 0.35099 503921.98
3632475.90 0.32277
504021.98 3632475.90 0.30034 504121.98
3632475.90 0.29493
504221.98 3632475.90 0.27659 504321.98
3632475.90 0.26914
504421.98 3632475.90 0.28839 504521.98
3632475.90 0.30794
504621.98 3632475.90 0.26880 504721.98
3632475.90 0.25523
504821.98 3632475.90 0.25607 504921.98
3632475.90 0.25176
505021.98 3632475.90 0.24386 505121.98
3632475.90 0.24702
505221.98 3632475.90 0.24054 505321.98
3632475.90 0.23898
505421.98 3632475.90 0.24016 505521.98
3632475.90 0.24239
505621.98 3632475.90 0.24908 505721.98
3632475.90 0.25901
501721.98 3632575.90 0.32906 501821.98

3632575.90        0.34360
         501921.98    3632575.90        0.35886                        502021.98
3632575.90        0.37485
         502121.98    3632575.90        0.39153                        502221.98
3632575.90        0.40892
         502321.98    3632575.90        0.42690                        502421.98
3632575.90        0.44539
         502521.98    3632575.90        0.46425                        502621.98
3632575.90        0.48333
         502721.98    3632575.90        0.50156                        502821.98
3632575.90        0.51471

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502921.98    3632575.90        0.49960                        503021.98
3632575.90        0.48008
         503121.98    3632575.90        0.47656                        503221.98
3632575.90        0.46970
         503321.98    3632575.90        0.44991                        503421.98
3632575.90        0.42799
         503721.98    3632575.90        0.39110                        503821.98
3632575.90        0.35809
         503921.98    3632575.90        0.28527                        504021.98
3632575.90        0.26949

504121.98 3632575.90 0.26873 504221.98 3632575.90 0.26704
504321.98 3632575.90 0.26153 504421.98 3632575.90 0.27078
504521.98 3632575.90 0.29943 504621.98 3632575.90 0.28875
504721.98 3632575.90 0.26438 504821.98 3632575.90 0.26848
504921.98 3632575.90 0.26317 505021.98 3632575.90 0.25682
505121.98 3632575.90 0.26147 505221.98 3632575.90 0.26144
505321.98 3632575.90 0.26103 505421.98 3632575.90 0.26448
505521.98 3632575.90 0.26794 505621.98 3632575.90 0.27536
505721.98 3632575.90 0.28030 501721.98 3632675.90 0.34229
501821.98 3632675.90 0.35814 501921.98 3632675.90 0.37489
502021.98 3632675.90 0.39254 502121.98 3632675.90 0.41104
502221.98 3632675.90 0.43039 502321.98 3632675.90 0.45060
502421.98 3632675.90 0.47152 502521.98 3632675.90 0.49302
502621.98 3632675.90 0.51488 502721.98 3632675.90 0.53691
502821.98 3632675.90 0.50280 502921.98 3632675.90 0.47985
503021.98 3632675.90 0.47241 503721.98 3632675.90 0.41813
503821.98 3632675.90 0.39272 503921.98 3632675.90 0.35394
504021.98 3632675.90 0.30875 504121.98 3632675.90 0.28987
504221.98 3632675.90 0.28217 504321.98 3632675.90 0.28033
504421.98 3632675.90 0.28574 504521.98 3632675.90 0.29277
504621.98 3632675.90 0.28968 504721.98 3632675.90 0.28585
504821.98 3632675.90 0.28703 504921.98 3632675.90 0.28253
505021.98 3632675.90 0.28025 505121.98 3632675.90 0.28276
505221.98 3632675.90 0.28382 505321.98 3632675.90 0.28325
505421.98 3632675.90 0.28980 505521.98 3632675.90 0.29864

```
         505621.98    3632675.90        0.30252                        505721.98
3632675.90        0.29668
         502421.98    3632775.90        0.48877                        502521.98
3632775.90        0.45880
         502621.98    3632775.90        0.49535                        502721.98
3632775.90        0.57486
         502821.98    3632775.90        0.51247                        502921.98
3632775.90        0.42643
         503021.98    3632775.90        0.39169                        503121.98
3632775.90        0.43732
         503221.98    3632775.90        0.48092                        503621.98
3632775.90        0.47943
         503721.98    3632775.90        0.45945                        503821.98
3632775.90        0.40483
         503921.98    3632775.90        0.39558                        504021.98
3632775.90        0.38157
         504121.98    3632775.90        0.34471                        504221.98
3632775.90        0.31844
         504321.98    3632775.90        0.30758                        504421.98
3632775.90        0.30860
♠ *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504521.98    3632775.90        0.31014                        504621.98
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3632775.90 0.30857
504721.98 3632775.90 0.30920 504821.98
3632775.90 0.30756
504921.98 3632775.90 0.30782 505021.98
3632775.90 0.30826
505121.98 3632775.90 0.30978 505221.98
3632775.90 0.30936
505321.98 3632775.90 0.31277 505421.98
3632775.90 0.32120
505521.98 3632775.90 0.32934 505621.98
3632775.90 0.33187
505721.98 3632775.90 0.32505 501721.98
3632875.90 0.37027
501821.98 3632875.90 0.38916 501921.98
3632875.90 0.40926
502021.98 3632875.90 0.43061 502121.98
3632875.90 0.45335
502221.98 3632875.90 0.47730 502321.98
3632875.90 0.50280
502421.98 3632875.90 0.52972 502521.98
3632875.90 0.55777
502621.98 3632875.90 0.58687 502721.98
3632875.90 0.61655
502821.98 3632875.90 0.55324 502921.98
3632875.90 0.42602
503021.98 3632875.90 0.31454 503121.98
3632875.90 0.39450
503221.98 3632875.90 0.55321 503321.98
3632875.90 0.57598
503421.98 3632875.90 0.56935 503621.98
3632875.90 0.52278
503721.98 3632875.90 0.49605 503821.98
3632875.90 0.42921
503921.98 3632875.90 0.37121 504021.98
3632875.90 0.36609
504121.98 3632875.90 0.35954 504221.98
3632875.90 0.34223
504321.98 3632875.90 0.33833 504421.98
3632875.90 0.33527
504521.98 3632875.90 0.33499 504621.98
3632875.90 0.33515
504721.98 3632875.90 0.33726 504821.98
3632875.90 0.33648
504921.98 3632875.90 0.33868 505021.98
3632875.90 0.34121
505121.98 3632875.90 0.34115 505221.98
3632875.90 0.34385
505321.98 3632875.90 0.35042 505421.98
3632875.90 0.36031
505521.98 3632875.90 0.36032 505621.98

```
3632875.90        0.36194
         505721.98    3632875.90        0.35174                        501721.98
3632975.90        0.38469
         501821.98    3632975.90        0.40535                        501921.98
3632975.90        0.42743
         502021.98    3632975.90        0.45104                        502121.98
3632975.90        0.47621
         505321.98    3632975.90        0.39715                        505421.98
3632975.90        0.39892
         505521.98    3632975.90        0.40050                        505621.98
3632975.90        0.39446
         505721.98    3632975.90        0.38060                        501721.98
3633075.90        0.39924
         501821.98    3633075.90        0.42171                        501921.98
3633075.90        0.44603
         502021.98    3633075.90        0.47207                        502121.98
3633075.90        0.50012
         505321.98    3633075.90        0.44043                        505421.98
3633075.90        0.44429
         505521.98    3633075.90        0.44222                        505621.98
3633075.90        0.43059
         505721.98    3633075.90        0.40825                        501721.98
3633175.90        0.41393
         501821.98    3633175.90        0.43841                        501921.98
3633175.90        0.46490
         502021.98    3633175.90        0.49371                        502121.98
3633175.90        0.52443
         505321.98    3633175.90        0.48890                        505421.98
3633175.90        0.48357
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                 PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 0.47962 | 505621.98 | 3633175.90 | 0.46956 |
| 505721.98 | 3633175.90 | 0.44060 | 501721.98 | 3633275.90 | 0.42862 |
| 501821.98 | 3633275.90 | 0.45538 | 501921.98 | 3633275.90 | 0.48431 |
| 502021.98 | 3633275.90 | 0.51592 | 502121.98 | 3633275.90 | 0.54994 |
| 505321.98 | 3633275.90 | 0.54311 | 505421.98 | 3633275.90 | 0.52236 |
| 505521.98 | 3633275.90 | 0.51580 | 505621.98 | 3633275.90 | 0.50711 |
| 505721.98 | 3633275.90 | 0.47698 | 501721.98 | 3633375.90 | 0.44315 |
| 501821.98 | 3633375.90 | 0.47199 | 501921.98 | 3633375.90 | 0.50347 |
| 502021.98 | 3633375.90 | 0.53805 | 502121.98 | 3633375.90 | 0.57602 |
| 505321.98 | 3633375.90 | 0.60444 | 505421.98 | 3633375.90 | 0.56474 |
| 505521.98 | 3633375.90 | 0.54510 | 505621.98 | 3633375.90 | 0.53919 |
| 505721.98 | 3633375.90 | 0.51263 | 501721.98 | 3633475.90 | 0.45758 |
| 501821.98 | 3633475.90 | 0.48864 | 501921.98 | 3633475.90 | 0.52298 |
| 502021.98 | 3633475.90 | 0.56073 | 502121.98 | 3633475.90 | 0.60204 |
| 505321.98 | 3633475.90 | 0.65886 | 505421.98 | 3633475.90 | 0.60824 |
| 505521.98 | 3633475.90 | 0.58306 | 505621.98 | 3633475.90 | 0.55767 |
| 505721.98 | 3633475.90 | 0.53038 | 501721.98 | 3633575.90 | 0.47166 |
| 501821.98 | 3633575.90 | 0.50500 | 501921.98 | 3633575.90 | 0.54183 |
| 502021.98 | 3633575.90 | 0.58266 | 502121.98 | 3633575.90 | 0.62901 |
| 505321.98 | 3633575.90 | 0.70407 | 505421.98 | 3633575.90 | 0.63636 |
| 505521.98 | 3633575.90 | 0.59917 | 505621.98 | 3633575.90 | 0.56933 |

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         505721.98    3633575.90        0.53674                        501721.98
3633675.90        0.48533
         501821.98    3633675.90        0.52058                        501921.98
3633675.90        0.56026
         502021.98    3633675.90        0.60467                        502121.98
3633675.90        0.65472
         505321.98    3633675.90        0.72043                        505421.98
3633675.90        0.63699
         505521.98    3633675.90        0.59590                        505621.98
3633675.90        0.56847
         505721.98    3633675.90        0.55161                        501721.98
3633775.90        0.49833
         501821.98    3633775.90        0.53575                        501921.98
3633775.90        0.57784
         502021.98    3633775.90        0.62527                        502121.98
3633775.90        0.67876
         505321.98    3633775.90        0.73207                        505421.98
3633775.90        0.66012
         505521.98    3633775.90        0.60920                        505621.98
3633775.90        0.58408
         505721.98    3633775.90        0.56927                        501721.98
3633875.90        0.51019
         501821.98    3633875.90        0.55007                        501921.98
3633875.90        0.59358
         502021.98    3633875.90        0.64489                        502121.98
3633875.90        0.70209
         505321.98    3633875.90        0.75169                        505421.98
3633875.90        0.69225
         505521.98    3633875.90        0.63442                        505621.98
3633875.90        0.58484
         505721.98    3633875.90        0.56343                        501721.98
3633975.90        0.52100
         501821.98    3633975.90        0.56246                        501921.98
3633975.90        0.60937
         502021.98    3633975.90        0.66250                        502121.98
3633975.90        0.72392
         505321.98    3633975.90        0.75390                        505421.98
3633975.90        0.68423
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                            *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 0.61859 | 505621.98 | 3633975.90 | 0.56397 |
| 505721.98 | 3633975.90 | 0.53109 | 501721.98 | 3634075.90 | 0.53035 |
| 501821.98 | 3634075.90 | 0.57357 | 501921.98 | 3634075.90 | 0.62254 |
| 502021.98 | 3634075.90 | 0.67834 | 502121.98 | 3634075.90 | 0.74239 |
| 505321.98 | 3634075.90 | 0.70619 | 505421.98 | 3634075.90 | 0.64102 |
| 505521.98 | 3634075.90 | 0.60418 | 505621.98 | 3634075.90 | 0.56107 |
| 505721.98 | 3634075.90 | 0.50187 | 501721.98 | 3634175.90 | 0.53717 |
| 501821.98 | 3634175.90 | 0.58250 | 501921.98 | 3634175.90 | 0.63342 |
| 502021.98 | 3634175.90 | 0.68967 | 502121.98 | 3634175.90 | 0.75735 |
| 505321.98 | 3634175.90 | 0.71519 | 505421.98 | 3634175.90 | 0.66540 |
| 505521.98 | 3634175.90 | 0.62213 | 505621.98 | 3634175.90 | 0.54020 |
| 505721.98 | 3634175.90 | 0.47678 | 501721.98 | 3634275.90 | 0.54274 |
| 501821.98 | 3634275.90 | 0.58809 | 501921.98 | 3634275.90 | 0.63977 |
| 502021.98 | 3634275.90 | 0.69874 | 502121.98 | 3634275.90 | 0.76748 |
| 505321.98 | 3634275.90 | 0.77235 | 505421.98 | 3634275.90 | 0.71678 |
| 505521.98 | 3634275.90 | 0.58411 | 505621.98 | 3634275.90 | 0.52126 |
| 505721.98 | 3634275.90 | 0.46119 | 501721.98 | | |

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3634375.90        0.54801
         501821.98    3634375.90        0.59485                      501921.98
3634375.90        0.64661
         502021.98    3634375.90        0.70687                      502121.98
3634375.90        0.77848
         505321.98    3634375.90        0.79905                      505421.98
3634375.90        0.71552
         505521.98    3634375.90        0.55613                      505621.98
3634375.90        0.48389
         505721.98    3634375.90        0.44045                      501721.98
3634475.90        0.55126
         501821.98    3634475.90        0.59854                      501921.98
3634475.90        0.65223
         502021.98    3634475.90        0.71461                      502121.98
3634475.90        0.78564
         505321.98    3634475.90        0.78923                      505421.98
3634475.90        0.82625
         505521.98    3634475.90        0.65172                      505621.98
3634475.90        0.53236
         505721.98    3634475.90        0.44967                      501721.98
3634575.90        0.55212
         501821.98    3634575.90        0.59887                      501921.98
3634575.90        0.65245
         502021.98    3634575.90        0.71469                      502121.98
3634575.90        0.78697
         505321.98    3634575.90        0.77667                      505421.98
3634575.90        0.87084
         505521.98    3634575.90        0.76135                      505621.98
3634575.90        0.57433
         505721.98    3634575.90        0.47577                      501721.98
3634675.90        0.55125
         501821.98    3634675.90        0.59807                      501921.98
3634675.90        0.65110
         502021.98    3634675.90        0.71252                      502121.98
3634675.90        0.78149
         505321.98    3634675.90        0.79264                      505421.98
3634675.90        0.87805
         505521.98    3634675.90        0.86057                      505621.98
3634675.90        0.70655
         505721.98    3634675.90        0.54624                      501721.98
3634775.90        0.54772
         501821.98    3634775.90        0.59381                      501921.98
3634775.90        0.64534
         502021.98    3634775.90        0.70549                      502121.98
3634775.90        0.77411
         505321.98    3634775.90        0.80127                      505421.98
3634775.90        0.95242
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 0.87147 | 505621.98 | 3634775.90 | 0.77640 |
| 505721.98 | 3634775.90 | 0.66511 | 501721.98 | 3634875.90 | 0.54166 |
| 501821.98 | 3634875.90 | 0.58636 | 501921.98 | 3634875.90 | 0.63655 |
| 502021.98 | 3634875.90 | 0.69361 | 502121.98 | 3634875.90 | 0.75942 |
| 505321.98 | 3634875.90 | 0.85324 | 505421.98 | 3634875.90 | 0.92757 |
| 505521.98 | 3634875.90 | 0.85117 | 505621.98 | 3634875.90 | 0.78375 |
| 505721.98 | 3634875.90 | 0.72008 | 501721.98 | 3634975.90 | 0.53349 |
| 501821.98 | 3634975.90 | 0.57576 | 501921.98 | 3634975.90 | 0.62313 |
| 502021.98 | 3634975.90 | 0.67730 | 502121.98 | 3634975.90 | 0.73946 |
| 505321.98 | 3634975.90 | 0.87769 | 505421.98 | 3634975.90 | 0.87766 |
| 505521.98 | 3634975.90 | 0.80937 | 505621.98 | 3634975.90 | 0.74979 |
| 505721.98 | 3634975.90 | 0.69678 | 501721.98 | 3635075.90 | 0.56256 |

501821.98 3635075.90 0.56731 501921.98
3635075.90 0.71833
502021.98 3635075.90 0.76177 502121.98
3635075.90 0.71596
505321.98 3635075.90 0.86829 505421.98
3635075.90 0.82579
505521.98 3635075.90 0.76321 505621.98
3635075.90 0.70938
505721.98 3635075.90 0.66016 501721.98
3635175.90 0.60180
501821.98 3635175.90 0.63285 501921.98
3635175.90 0.69936
502021.98 3635175.90 0.73422 502121.98
3635175.90 0.71816
505321.98 3635175.90 0.84596 505421.98
3635175.90 0.78015
505521.98 3635175.90 0.72143 505621.98
3635175.90 0.67029
505721.98 3635175.90 0.62562 501721.98
3635275.90 0.59081
501821.98 3635275.90 0.62176 501921.98
3635275.90 0.65597
502021.98 3635275.90 0.69217 502121.98
3635275.90 0.71907
505621.98 3635275.90 0.63554 505721.98
3635275.90 0.59419
501721.98 3635375.90 0.54258 501821.98
3635375.90 0.57326
501921.98 3635375.90 0.60284 502021.98
3635375.90 0.63513
502121.98 3635375.90 0.67393 505621.98
3635375.90 0.60959
501721.98 3635475.90 0.49110 501821.98
3635475.90 0.51757
501921.98 3635475.90 0.55588 502021.98
3635475.90 0.59413
502121.98 3635475.90 0.62873 505621.98
3635475.90 0.58698
505721.98 3635475.90 0.54979 501721.98
3635575.90 0.44963
501821.98 3635575.90 0.47646 501921.98
3635575.90 0.51512
502021.98 3635575.90 0.54651 502121.98
3635575.90 0.57456
505321.98 3635575.90 0.68472 505421.98
3635575.90 0.64271
505521.98 3635575.90 0.60067 505621.98
3635575.90 0.56245
505721.98 3635575.90 0.52784 501721.98
3635675.90 0.41063

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3635675.90        0.57313                      505621.98
3635675.90        0.53829
         505721.98    3635675.90        0.50648                      501721.98
3635775.90        0.37545
         501821.98    3635775.90        0.40906                      501921.98
3635775.90        0.44016
         502021.98    3635775.90        0.46606                      502121.98
3635775.90        0.49302
         505321.98    3635775.90        0.62632                      505421.98
3635775.90        0.58436
         505521.98    3635775.90        0.54584                      505621.98
3635775.90        0.51024
         505721.98    3635775.90        0.48135                      501721.98
3635875.90        0.34322
         501821.98    3635875.90        0.37719                      501921.98

3635875.90 0.41007
502021.98 3635875.90 0.43245 502121.98
3635875.90 0.45959
505321.98 3635875.90 0.60884 505421.98
3635875.90 0.56029
505521.98 3635875.90 0.52512 505621.98
3635875.90 0.49260
505721.98 3635875.90 0.46431 501721.98
3635975.90 0.32170
501821.98 3635975.90 0.35518 501921.98
3635975.90 0.38333
502021.98 3635975.90 0.40256 502121.98
3635975.90 0.42801
505321.98 3635975.90 0.57831 505421.98
3635975.90 0.53894
505521.98 3635975.90 0.50505 505621.98
3635975.90 0.47628
505721.98 3635975.90 0.44711 501721.98
3636075.90 0.30957
501821.98 3636075.90 0.33210 501921.98
3636075.90 0.35704
502021.98 3636075.90 0.37627 502121.98
3636075.90 0.40130
502221.98 3636075.90 0.43302 502321.98
3636075.90 0.47289
502421.98 3636075.90 0.50862 502521.98
3636075.90 0.53890
502621.98 3636075.90 0.57096 502721.98
3636075.90 0.60635
502821.98 3636075.90 0.63969 502921.98
3636075.90 0.66398
503021.98 3636075.90 0.68574 503121.98
3636075.90 0.68772
503221.98 3636075.90 0.73497 503321.98
3636075.90 0.79015
503421.98 3636075.90 0.83388 503521.98
3636075.90 0.87666
503621.98 3636075.90 0.90422 503721.98
3636075.90 0.91901
503821.98 3636075.90 0.92841 503921.98
3636075.90 0.93893
504021.98 3636075.90 0.95414 504121.98
3636075.90 0.96395
504221.98 3636075.90 0.96685 504321.98
3636075.90 0.96603
504421.98 3636075.90 0.93598 504521.98
3636075.90 0.89055
504621.98 3636075.90 0.86108 504721.98
3636075.90 0.82350
504821.98 3636075.90 0.75368 504921.98

3636075.90        0.68875
         505021.98    3636075.90        0.65231                       505121.98
3636075.90        0.61524
         505221.98    3636075.90        0.58124                       505321.98
3636075.90        0.55157
         505421.98    3636075.90        0.51378                       505521.98
3636075.90        0.48842
         505621.98    3636075.90        0.45992                       505721.98
3636075.90        0.43308
         501721.98    3636175.90        0.28803                       501821.98
3636175.90        0.30979
         501921.98    3636175.90        0.33553                       502021.98
3636175.90        0.35536
         502121.98    3636175.90        0.37951                       502221.98
3636175.90        0.41132

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                                     L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                                     L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                                     L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                      **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502921.98    3636175.90        0.61402                    503021.98
3636175.90        0.62633
         503121.98    3636175.90        0.60183                    503221.98
3636175.90        0.66344
         503321.98    3636175.90        0.72086                    503421.98
3636175.90        0.76041
         503521.98    3636175.90        0.79217                    503621.98
3636175.90        0.81887
         503721.98    3636175.90        0.83039                    503821.98
3636175.90        0.83498
         503921.98    3636175.90        0.83840                    504021.98
3636175.90        0.84281
         504121.98    3636175.90        0.83796                    504221.98
3636175.90        0.84330
         504321.98    3636175.90        0.79922                    504421.98
3636175.90        0.73184
         504521.98    3636175.90        0.63258                    504621.98
3636175.90        0.67535
         504721.98    3636175.90        0.76447                    504821.98
3636175.90        0.73074
         504921.98    3636175.90        0.69294                    505021.98
3636175.90        0.63775
         505121.98    3636175.90        0.58360                    505221.98
3636175.90        0.55504
         505321.98    3636175.90        0.53084                    505421.98
3636175.90        0.50358
         505521.98    3636175.90        0.47155                    505621.98
3636175.90        0.44565
         505721.98    3636175.90        0.42065                    501721.98
3636275.90        0.27489
         501821.98    3636275.90        0.29400                    501921.98
3636275.90        0.31736
         502021.98    3636275.90        0.34136                    502121.98
3636275.90        0.36956
         502221.98    3636275.90        0.39960                    502321.98
3636275.90        0.42922
         502421.98    3636275.90        0.45718                    502521.98
3636275.90        0.48387
         502621.98    3636275.90        0.50547                    502721.98
3636275.90        0.52762
         502821.98    3636275.90        0.54758                    502921.98
3636275.90        0.56368
         503021.98    3636275.90        0.58260                    503121.98
3636275.90        0.58354
         503221.98    3636275.90        0.59169                    503321.98
3636275.90        0.63178
         503421.98    3636275.90        0.67837                    503521.98
3636275.90        0.71155
         503621.98    3636275.90        0.73447                    503721.98
3636275.90        0.74612
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         503821.98    3636275.90        0.74921                        503921.98
3636275.90        0.74833
         504021.98    3636275.90        0.73855                        504121.98
3636275.90        0.71321
         504221.98    3636275.90        0.64880                        504321.98
3636275.90        0.53506
         504421.98    3636275.90        0.51613                        504521.98
3636275.90        0.49448
         504621.98    3636275.90        0.52896                        504721.98
3636275.90        0.59338
         504821.98    3636275.90        0.53723                        504921.98
3636275.90        0.62699
         505021.98    3636275.90        0.60698                        505121.98
3636275.90        0.55535
         505221.98    3636275.90        0.52912                        505321.98
3636275.90        0.51011
         505421.98    3636275.90        0.48711                        505521.98
3636275.90        0.45716
         505621.98    3636275.90        0.43309                        505721.98
3636275.90        0.41065
         501721.98    3636375.90        0.26192                        501821.98
3636375.90        0.28149
         501921.98    3636375.90        0.30665                        502021.98
3636375.90        0.32831
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:32:02

                                  PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
```

Y-COORD (M)  CONC

- - - -

```
3636475.90        0.45913
         502821.98    3636475.90        0.45852                        502921.98
3636475.90        0.46569
         503021.98    3636475.90        0.46673                        503121.98
3636475.90        0.46136
         503221.98    3636475.90        0.46102                        503321.98
3636475.90        0.49442
         503421.98    3636475.90        0.53361                        503521.98
3636475.90        0.56320
         503621.98    3636475.90        0.57990                        503721.98
3636475.90        0.59749
         503821.98    3636475.90        0.58743                        503921.98
3636475.90        0.56791
         504021.98    3636475.90        0.47354                        504121.98
3636475.90        0.48591
         504221.98    3636475.90        0.48125                        504321.98
3636475.90        0.42646
         504421.98    3636475.90        0.41315                        504521.98
3636475.90        0.40798
         504621.98    3636475.90        0.40486                        504721.98
3636475.90        0.40210
         504821.98    3636475.90        0.39510                        504921.98
3636475.90        0.41292
         505021.98    3636475.90        0.50592                        505121.98
3636475.90        0.52194
         505221.98    3636475.90        0.49446                        505321.98
3636475.90        0.47106
         505421.98    3636475.90        0.44689                        505521.98
3636475.90        0.42709
         505621.98    3636475.90        0.40818                        505721.98
3636475.90        0.38847
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 8.81192 | (19010119) | 502771.98 | 3633475.90 | 9.66051 | (21030103) |
| 502821.98 | 3633475.90 | 12.79139 | (21030103) | 502871.98 | 3633475.90 | 16.19573 | (21030103) |
| 502921.98 | 3633475.90 | 19.47261 | (21030103) | 502971.98 | 3633475.90 | 22.12101 | (21030103) |
| 503021.98 | 3633475.90 | 23.60944 | (21030103) | 503071.98 | 3633475.90 | 29.05562 | (20121603) |
| 503121.98 | 3633475.90 | 33.08903 | (20121603) | 503171.98 | 3633475.90 | 34.40286 | (20121603) |
| 503221.98 | 3633475.90 | 32.42241 | (20121603) | 503271.98 | 3633475.90 | 28.69149 | (21063005) |
| 503321.98 | 3633475.90 | 55.83701 | (20092124) | 503371.98 | 3633475.90 | 50.04493 | (20102407) |
| 503421.98 | 3633475.90 | 52.14489 | (20111701) | 503471.98 | 3633475.90 | 46.85029 | (20111701) |
| 503521.98 | 3633475.90 | 51.14914 | (21020924) | 503621.98 | 3633475.90 | 53.62267 | (19082022) |
| 503671.98 | 3633475.90 | 42.93426 | (19091221) | 503721.98 | 3633475.90 | 40.52189 | (20101121) |
| 503771.98 | 3633475.90 | 40.51403 | (20082921) | 503821.98 | 3633475.90 | 43.00164 | (20082921) |
| 503871.98 | 3633475.90 | 41.15776 | (20081802) | 503921.98 | 3633475.90 | 42.03787 | (20081802) |
| 503971.98 | 3633475.90 | 41.98425 | (20080922) | 504021.98 | 3633475.90 | 37.26966 | (21062104) |
| 504071.98 | 3633475.90 | 37.67964 | (19102905) | 504121.98 | 3633475.90 | 40.89796 | (20081021) |
| 504171.98 | 3633475.90 | 37.63235 | (20082321) | 504221.98 | 3633475.90 | 38.58672 | (20073022) |
| 504271.98 | 3633475.90 | 39.72650 | (20072721) | 504321.98 | 3633475.90 | 40.36716 | (20072721) |
| 504371.98 | 3633475.90 | 35.59771 | (21011323) | 504421.98 | 3633475.90 | 35.28644 | (21010102) |
| 504471.98 | 3633475.90 | 34.62392 | (19022705) | 504521.98 | 3633475.90 | 34.86456 | (21021820) |
| 504571.98 | 3633475.90 | 34.58413 | (21011520) | 504621.98 | 3633475.90 | 33.43573 | (21010522) |
| 504671.98 | 3633475.90 | 32.62093 | (19122301) | 504721.98 | 3633475.90 | 31.12635 | (20122923) |

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        502721.98   3633525.90       10.08284  (19010119)                502771.98
3633525.90        9.57513  (19010119)
        502821.98   3633525.90       10.54717  (21030103)                502871.98
3633525.90       14.03430  (21030103)
        502921.98   3633525.90       17.78932  (21030103)                502971.98
3633525.90       21.33673  (21030103)
        503021.98   3633525.90       24.06196  (21030103)                503071.98
3633525.90       26.80080  (20121603)
        503121.98   3633525.90       32.57766  (20121603)                503171.98
3633525.90       36.10304  (20121603)
        503221.98   3633525.90       36.27800  (20121603)                503271.98
3633525.90       32.89471  (20121603)
        503321.98   3633525.90       33.66247  (21063005)                503371.98
3633525.90       55.28150  (20092124)
        503421.98   3633525.90       59.07378  (20111701)                503471.98
3633525.90       57.03540  (20111701)
        503521.98   3633525.90       58.06755  (19081924)                503621.98
3633525.90       59.79182  (19101521)
        503671.98   3633525.90       52.42962  (19101521)                503721.98
3633525.90       52.50033  (20050102)
        503771.98   3633525.90       49.61871  (20082921)                503821.98
3633525.90       48.85383  (20082921)
        503871.98   3633525.90       48.29904  (20082921)                503921.98
3633525.90       46.79863  (20081802)
        503971.98   3633525.90       47.29420  (20080922)                504021.98
3633525.90       41.51466  (21062104)
        504071.98   3633525.90       42.11355  (20081021)                504121.98
3633525.90       46.20061  (20081021)
        504171.98   3633525.90       44.94827  (20083021)                504221.98
3633525.90       46.03839  (20073022)
        504271.98   3633525.90       44.57212  (20072721)                504321.98
3633525.90       36.61483  (21011323)
        504371.98   3633525.90       36.57097  (21010102)                504421.98
3633525.90       36.53668  (20011902)
        504471.98   3633525.90       36.40705  (21021820)                504521.98
3633525.90       36.09802  (21011520)
        504571.98   3633525.90       34.85785  (21010522)                504621.98
3633525.90       34.30126  (19122301)
        504671.98   3633525.90       32.93095  (20122923)                504721.98
3633525.90       33.39324  (21022502)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 11.18359 | (19010119) | 502771.98 | 3633575.90 | 10.94418 | (19010119) |
| 502821.98 | 3633575.90 | 10.44549 | (19010119) | 502871.98 | 3633575.90 | 11.56676 | (21030103) |
| 502921.98 | 3633575.90 | 15.45896 | (21030103) | 502971.98 | 3633575.90 | 19.61448 | (21030103) |
| 503021.98 | 3633575.90 | 23.44089 | (21030103) | 503071.98 | 3633575.90 | 26.20921 | (21030103) |
| 503121.98 | 3633575.90 | 30.61448 | (20121603) | 503171.98 | 3633575.90 | 36.35500 | (20121603) |
| 503221.98 | 3633575.90 | 39.07362 | (20121603) | 503271.98 | 3633575.90 | 37.77121 | (20121603) |
| 503321.98 | 3633575.90 | 33.42724 | (21063005) | 503371.98 | 3633575.90 | 56.67604 | (20092124) |
| 503421.98 | 3633575.90 | 56.17939 | (20082723) | 503471.98 | 3633575.90 | 60.72896 | (19081924) |
| 503521.98 | 3633575.90 | 72.48066 | (19081924) | 503621.98 | 3633575.90 | 61.98261 | (19110606) |
| 503671.98 | 3633575.90 | 60.43448 | (19101521) | 503721.98 | 3633575.90 | 61.79973 | (20050102) |
| 503771.98 | 3633575.90 | 57.93491 | (20082921) | 503821.98 | 3633575.90 | 60.43281 | (20082921) |
| 503871.98 | 3633575.90 | 60.14551 | (20082921) | 503921.98 | 3633575.90 | 53.03741 | (20080922) |
| 503971.98 | 3633575.90 | 52.71951 | (20080922) | 504021.98 | 3633575.90 | 49.49328 | (21062104) |
| 504071.98 | 3633575.90 | 49.93742 | (20081021) | 504121.98 | 3633575.90 | 50.68564 | (20081021) |
| 504171.98 | 3633575.90 | 50.68938 | (20073022) | 504221.98 | 3633575.90 | 51.77879 | (20073022) |
| 504271.98 | 3633575.90 | 45.03899 | (20072721) | 504321.98 | | | |

```
3633575.90       38.69508  (21011323)
        504371.98   3633575.90       38.29568  (20011902)                504421.98
3633575.90       38.18749  (19022705)
        504471.98   3633575.90       37.48887  (21011520)                504521.98
3633575.90       36.53155  (21011520)
        504571.98   3633575.90       36.09317  (19122301)                504621.98
3633575.90       34.85997  (20122923)
        504671.98   3633575.90       35.06263  (21022502)                504721.98
3633575.90       33.97035  (19120104)
        502721.98   3633625.90       12.76253  (21111004)                502771.98
3633625.90       12.12321  (19010119)
        502821.98   3633625.90       11.93438  (19010119)                502871.98
3633625.90       11.43403  (19010119)
        502921.98   3633625.90       12.72730  (21030103)                502971.98
3633625.90       17.10341  (21030103)
        503021.98   3633625.90       21.71697  (21030103)                503071.98
3633625.90       25.82863  (21030103)
        503121.98   3633625.90       28.57571  (21030103)                503171.98
3633625.90       34.93179  (20121603)
        503221.98   3633625.90       40.36887  (20121603)                503271.98
3633625.90       41.85640  (20121603)
        503321.98   3633625.90       38.69731  (20121603)                503371.98
3633625.90       39.48648  (21063005)
        503421.98   3633625.90       54.00578  (20102407)                503471.98
3633625.90       60.76997  (20111701)
        503521.98   3633625.90       73.27711  (19081924)                503621.98
3633625.90       66.59913  (19110606)
        503671.98   3633625.90       64.26115  (19101521)                503721.98
3633625.90       65.69768  (20050102)
        503771.98   3633625.90       61.56784  (20082921)                503821.98
3633625.90       67.25524  (20082921)
        503871.98   3633625.90       64.91318  (20082921)                503921.98
3633625.90       57.04709  (20080922)
        503971.98   3633625.90       57.01486  (20080922)                504021.98
3633625.90       53.53094  (21082502)
        504071.98   3633625.90       55.42133  (20081021)                504121.98
3633625.90       56.07872  (20082321)
        504171.98   3633625.90       57.61977  (20073022)                504221.98
3633625.90       54.74602  (20073020)
        504271.98   3633625.90       46.70847  (20072721)                504321.98
3633625.90       42.25489  (20072922)
        504371.98   3633625.90       39.58458  (19022705)                504421.98
3633625.90       39.61252  (21021820)
        504471.98   3633625.90       39.13390  (21011520)                504521.98
3633625.90       37.97202  (19122301)
        504571.98   3633625.90       37.78380  (20080623)                504621.98
3633625.90       36.84482  (21022502)
        504671.98   3633625.90       35.75739  (19120104)                504721.98
3633625.90       36.55043  (20081805)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                            *** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL  ***
                                INCLUDING SOURCE(S):  L0000001  , L0000002 , L0000003  , L0000004  , L0000005  ,
                                L0000006  , L0000007  , L0000008  , L0000009  , L0000010 , L0000011  , L0000012  , L0000013  ,
                                L0000014  , L0000015  , L0000016  , L0000017  , L0000018 , L0000019  , L0000020  , L0000021  ,
                                L0000022  , L0000023  , L0000024  , L0000025  , L0000026 , L0000027  , L0000028  ,  . . .  ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 15.38533 | (21111004) | 502771.98 | 3633675.90 | 14.38039 | (21111004) |
| 502821.98 | 3633675.90 | 13.16563 | (19010119) | 502871.98 | 3633675.90 | 13.05247 | (19010119) |
| 502921.98 | 3633675.90 | 12.58744 | (19010119) | 502971.98 | 3633675.90 | 14.09050 | (21030103) |
| 503021.98 | 3633675.90 | 19.02374 | (21030103) | 503071.98 | 3633675.90 | 24.13711 | (21030103) |
| 503121.98 | 3633675.90 | 28.54565 | (21030103) | 503171.98 | 3633675.90 | 31.80051 | (20121603) |
| 503221.98 | 3633675.90 | 39.76706 | (20121603) | 503271.98 | 3633675.90 | 44.50349 | (20121603) |
| 503321.98 | 3633675.90 | 44.29154 | (20121603) | 503371.98 | 3633675.90 | 39.05849 | (20121603) |
| 503421.98 | 3633675.90 | 38.42816 | (20102407) | 503471.98 | 3633675.90 | 47.03078 | (20111701) |
| 503521.98 | 3633675.90 | 59.66162 | (19081924) | 503571.98 | 3633675.90 | 79.16445 | (19081924) |
| 503671.98 | 3633675.90 | 68.83221 | (19101521) | 503721.98 | 3633675.90 | 69.16681 | (21090401) |
| 503771.98 | 3633675.90 | 68.91151 | (20082503) | 503821.98 | 3633675.90 | 73.44772 | (20082921) |

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3633675.90 61.49663 (20080922)
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3633675.90 59.34833 (20081021)
504071.98 3633675.90 61.61714 (20081021) 504121.98
3633675.90 61.23237 (21013021)
504171.98 3633675.90 62.12106 (20073022) 504221.98
3633675.90 59.87721 (20073020)
504271.98 3633675.90 53.24125 (20072922) 504321.98
3633675.90 49.10136 (20080120)
504371.98 3633675.90 41.72767 (21021820) 504421.98
3633675.90 41.44238 (21011520)
504471.98 3633675.90 40.08305 (21010522) 504521.98
3633675.90 41.27159 (20080623)
504571.98 3633675.90 38.85969 (21022502) 504621.98
3633675.90 37.82942 (20081805)
504671.98 3633675.90 40.97269 (20081805) 504721.98
3633675.90 40.43771 (20081805)
502721.98 3633725.90 17.62146 (21111004) 502771.98
3633725.90 17.17874 (21111004)
502821.98 3633725.90 16.23632 (21111004) 502871.98
3633725.90 14.85358 (21111004)
502921.98 3633725.90 14.38881 (19010119) 502971.98
3633725.90 13.93444 (19010119)
503021.98 3633725.90 15.66653 (21030103) 503071.98
3633725.90 21.26280 (21030103)
503121.98 3633725.90 26.96838 (21030103) 503171.98
3633725.90 31.66580 (21030103)
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3633725.90 45.08232 (20121603)
503321.98 3633725.90 48.60850 (20121603) 503371.98
3633725.90 46.23448 (20121603)
503421.98 3633725.90 40.44533 (21063005) 503471.98
3633725.90 43.51166 (20102407)
503521.98 3633725.90 45.03340 (20111701) 503571.98
3633725.90 71.84436 (19081924)
503721.98 3633725.90 81.17345 (21090401) 503771.98
3633725.90 75.94808 (20082503)
503821.98 3633725.90 77.56383 (20082921) 503871.98
3633725.90 72.83066 (20082921)
503921.98 3633725.90 65.54999 (20022622) 503971.98
3633725.90 63.02661 (20080921)
504021.98 3633725.90 65.36932 (20081021) 504071.98
3633725.90 64.76781 (20081021)
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3633725.90 66.20938 (20073020)
504221.98 3633725.90 60.34291 (20073020) 504271.98
3633725.90 62.76330 (20080120)
504321.98 3633725.90 54.93398 (20080120) 504371.98
3633725.90 45.05782 (20081220)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 19.39749 | (21111004) | 502821.98 | 3633775.90 | 19.18085 | (21111004) |
| 502871.98 | 3633775.90 | 18.38221 | (21111004) | 502921.98 | 3633775.90 | 17.03176 | (21111004) |
| 502971.98 | 3633775.90 | 15.88359 | (19010119) | 503021.98 | 3633775.90 | 15.47948 | (19010119) |
| 503071.98 | 3633775.90 | 17.55082 | (21030103) | 503121.98 | 3633775.90 | 23.92411 | (21030103) |
| 503171.98 | 3633775.90 | 30.29622 | (21030103) | 503221.98 | 3633775.90 | 35.24738 | (21030103) |
| 503271.98 | 3633775.90 | 43.18957 | (20121603) | 503321.98 | 3633775.90 | 50.79825 | (20121603) |
| 503371.98 | 3633775.90 | 52.44590 | (20121603) | 503421.98 | | | |

3633775.90 47.35574 (20121603)
503471.98 3633775.90 45.64854 (20102407) 503771.98
3633775.90 84.09505 (20082503)
503821.98 3633775.90 81.17584 (20082921) 503871.98
3633775.90 76.50055 (20082921)
503921.98 3633775.90 69.79734 (20022622) 503971.98
3633775.90 67.67900 (19102905)
504021.98 3633775.90 70.91576 (20081021) 504071.98
3633775.90 76.45050 (21013021)
504121.98 3633775.90 72.46507 (21013021) 504171.98
3633775.90 70.70154 (20073020)
504221.98 3633775.90 67.09121 (21010102) 504271.98
3633775.90 67.58692 (20080120)
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3633775.90 53.35295 (20082722)
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3633775.90 47.80835 (20080623)
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3633775.90 57.59212 (20081805)
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3633775.90 52.60416 (20081803)
504721.98 3633775.90 50.64758 (20111118) 502721.98
3633825.90 19.42158 (21111004)
502771.98 3633825.90 20.60027 (21111004) 502821.98
3633825.90 21.31401 (21111004)
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3633825.90 20.88219 (21111004)
502971.98 3633825.90 19.58771 (21111004) 503021.98
3633825.90 17.61146 (21111004)
503071.98 3633825.90 17.29716 (19010119) 503121.98
3633825.90 19.78883 (21030103)
503171.98 3633825.90 27.11792 (21030103) 503221.98
3633825.90 34.24616 (21030103)
503271.98 3633825.90 39.38994 (21030103) 503771.98
3633825.90 94.75219 (20082503)
503821.98 3633825.90 93.56302 (20080822) 503871.98
3633825.90 81.23144 (21082504)
503921.98 3633825.90 74.61266 (20022622) 503971.98
3633825.90 74.88102 (19102905)
504021.98 3633825.90 79.35823 (21013021) 504071.98
3633825.90 82.59274 (21013021)
504121.98 3633825.90 76.95302 (21120723) 504171.98
3633825.90 78.02486 (21011323)
504221.98 3633825.90 74.88766 (20011902) 504271.98
3633825.90 72.02078 (21103123)
504321.98 3633825.90 66.71803 (21010522) 504371.98
3633825.90 65.29557 (20080623)
504421.98 3633825.90 60.48692 (20080623) 504471.98
3633825.90 60.91984 (20081805)
504521.98 3633825.90 64.23590 (20081805) 504571.98

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3633825.90       65.20535  (20081803)
        504621.98   3633825.90       60.26339  (20111118)                504671.98
3633825.90       56.70192  (20111118)
        504721.98   3633825.90       57.05058  (21011418)                502721.98
3633875.90       18.49079  (21111004)
        502771.98   3633875.90       20.45485  (21111004)                502821.98
3633875.90       22.12831  (21111004)
        502871.98   3633875.90       23.33019  (21111004)                502921.98
3633875.90       23.94973  (21111004)
        502971.98   3633875.90       23.71006  (21111004)                503021.98
3633875.90       22.58562  (21111004)
        503071.98   3633875.90       20.59551  (21111004)                503121.98
3633875.90       19.46415  (19010119)
        503171.98   3633875.90       22.49608  (21030103)                503221.98
3633875.90       30.97210  (21030103)
        503271.98   3633875.90       38.94094  (21030103)                503821.98
3633875.90      100.41669  (20080822)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503871.98   3633875.90       88.07181  (21082504)                503921.98
3633875.90       83.57271  (21013120)
        503971.98   3633875.90       86.93167  (21022205)                504021.98
3633875.90       93.53464  (20032321)
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504071.98 3633875.90 86.66979 (21013021) 504121.98 3633875.90 86.31633 (19033021)
504171.98 3633875.90 83.06936 (21010102) 504221.98 3633875.90 81.01259 (21021820)
504271.98 3633875.90 77.42819 (21011520) 504321.98 3633875.90 71.32233 (20080623)
504371.98 3633875.90 68.85447 (20080623) 504421.98 3633875.90 71.16761 (20081805)
504471.98 3633875.90 72.75712 (20081805) 504521.98 3633875.90 73.55606 (20081803)
504571.98 3633875.90 67.72072 (20111118) 504621.98 3633875.90 64.77134 (21011418)
504671.98 3633875.90 61.69776 (21011418) 504721.98 3633875.90 57.40742 (21011418)
502721.98 3633925.90 16.37576 (21111004) 502771.98 3633925.90 18.85965 (21111004)
502821.98 3633925.90 21.32396 (21111004) 502871.98 3633925.90 23.60427 (21111004)
502921.98 3633925.90 25.47968 (21111004) 502971.98 3633925.90 26.63544 (21111004)
503021.98 3633925.90 26.91469 (21111004) 503071.98 3633925.90 26.12855 (21111004)
503121.98 3633925.90 24.20381 (21111004) 503171.98 3633925.90 22.05886 (19010119)
503221.98 3633925.90 25.80108 (21030103) 503271.98 3633925.90 35.67690 (21030103)
503821.98 3633925.90 105.19646 (20080822) 503871.98 3633925.90 100.62529 (21082504)
503921.98 3633925.90 94.90673 (21013120) 503971.98 3633925.90 97.23172 (20032321)
504021.98 3633925.90 104.52663 (20032321) 504071.98 3633925.90 100.59541 (19033021)
504121.98 3633925.90 90.81340 (21011323) 504171.98 3633925.90 89.79519 (19022705)
504221.98 3633925.90 88.75437 (21011520) 504271.98 3633925.90 83.58219 (19122301)
504321.98 3633925.90 80.08452 (19022722) 504371.98 3633925.90 86.79794 (20081805)
504421.98 3633925.90 86.75522 (20081805) 504471.98 3633925.90 82.86732 (20081803)
504521.98 3633925.90 73.01001 (20111118) 504571.98 3633925.90 71.14461 (21011418)
504621.98 3633925.90 66.97541 (21011418) 504671.98 3633925.90 58.65237 (21011418)
504721.98 3633925.90 52.62860 (20081722) 502721.98 3633975.90 22.58842 (21012320)
502771.98 3633975.90 21.14114 (21012320) 502821.98 3633975.90 19.32748 (21012320)
502871.98 3633975.90 21.98533 (21111004) 502921.98 3633975.90 24.95191 (21111004)

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        502971.98   3633975.90       27.54600  (21111004)                503021.98
3633975.90       29.53380  (21111004)
        503071.98   3633975.90       30.54737  (21111004)                503121.98
3633975.90       30.29734  (21111004)
        503171.98   3633975.90       28.60853  (21111004)                503221.98
3633975.90       25.52847  (21111004)
        503271.98   3633975.90       29.91804  (21030103)                503821.98
3633975.90      105.55985  (20080822)
        503871.98   3633975.90      100.32191  (20080822)                503921.98
3633975.90       85.44238  (21022105)
        503971.98   3633975.90       96.19749  (20022403)                504021.98
3633975.90      104.20434  (20032321)
        504071.98   3633975.90      104.84090  (19033021)                504121.98
3633975.90       96.60653  (20011902)
        504171.98   3633975.90       96.39220  (21011520)                504221.98
3633975.90       92.55528  (19122301)
        504271.98   3633975.90       92.50052  (20081805)                504321.98
3633975.90      104.29978  (20081805)
        504371.98   3633975.90       97.78118  (20081805)                504421.98
3633975.90       92.61547  (20081803)
        504471.98   3633975.90       81.27318  (20081603)                504521.98
3633975.90       76.26121  (21011418)
        504571.98   3633975.90       69.11803  (21011418)                504621.98
3633975.90       59.23290  (20081722)
        504671.98   3633975.90       52.71832  (21091121)                504721.98
3633975.90       48.46874  (20080422)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 28.36494 | (21012320) | 502771.98 | 3634025.90 | 27.93392 | (21012320) |
| 502821.98 | 3634025.90 | 26.91360 | (21012320) | 502871.98 | 3634025.90 | 25.38816 | (21012320) |
| 502921.98 | 3634025.90 | 23.33159 | (21012320) | 502971.98 | 3634025.90 | 25.97386 | (21111004) |
| 503021.98 | 3634025.90 | 29.55274 | (21111004) | 503071.98 | 3634025.90 | 32.55172 | (21111004) |
| 503121.98 | 3634025.90 | 34.59623 | (21111004) | 503171.98 | 3634025.90 | 35.20625 | (21111004) |
| 503221.98 | 3634025.90 | 34.01970 | (21111004) | 503271.98 | 3634025.90 | 30.94299 | (21111004) |
| 503871.98 | 3634025.90 | 90.66617 | (20101422) | 503921.98 | 3634025.90 | 88.31905 | (21022105) |
| 503971.98 | 3634025.90 | 99.46543 | (21011620) | 504021.98 | 3634025.90 | 98.31270 | (21022020) |
| 504071.98 | 3634025.90 | 102.50659 | (21010102) | 504121.98 | 3634025.90 | 102.89042 | (21021820) |
| 504171.98 | 3634025.90 | 102.96131 | (21082503) | 504221.98 | 3634025.90 | 110.13459 | (20081805) |
| 504271.98 | 3634025.90 | 119.53448 | (20081805) | 504321.98 | 3634025.90 | 114.29473 | (20081803) |
| 504371.98 | 3634025.90 | 101.35397 | (20081803) | 504421.98 | 3634025.90 | 88.82094 | (20081603) |
| 504471.98 | 3634025.90 | 81.45121 | (21011418) | 504521.98 | 3634025.90 | 70.31262 | (21011418) |
| 504571.98 | 3634025.90 | 61.08254 | (20081722) | 504621.98 | 3634025.90 | 54.17344 | (20080422) |
| 504671.98 | 3634025.90 | 50.05729 | (20072623) | 504721.98 | 3634025.90 | 47.78107 | (20072623) |
| 502721.98 | 3634075.90 | 31.91135 | (21012320) | 502771.98 | 3634075.90 | 32.77913 | (21012320) |
| 502821.98 | 3634075.90 | 33.25295 | (21012320) | 502871.98 | 3634075.90 | 33.20771 | (21012320) |
| 502921.98 | 3634075.90 | 32.41411 | (21012320) | 502971.98 | 3634075.90 | 30.86545 | (21012320) |
| 503021.98 | 3634075.90 | 28.63622 | (21012320) | 503071.98 | 3634075.90 | 31.25417 | (21111004) |
| 503121.98 | 3634075.90 | 35.57788 | (21111004) | 503171.98 | 3634075.90 | 39.03972 | (21111004) |
| 503221.98 | 3634075.90 | 40.94105 | (21111004) | 503271.98 | 3634075.90 | 40.68183 | (21111004) |
| 503871.98 | 3634075.90 | 95.64009 | (20101422) | 503921.98 | 3634075.90 | 98.37485 | (21022105) |
| 503971.98 | 3634075.90 | 91.02762 | (20050805) | 504021.98 | | | |

3634075.90      106.99585  (21120804)
        504071.98   3634075.90      110.50183  (21021820)                504121.98
3634075.90      110.78186  (21011520)
        504171.98   3634075.90      127.64784  (20081805)                504221.98
3634075.90      140.70569  (20081805)
        504271.98   3634075.90      134.12907  (20081803)                504321.98
3634075.90      120.88009  (20081603)
        504371.98   3634075.90      101.82502  (20081603)                504421.98
3634075.90       86.42975  (21011418)
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3634075.90       62.28856  (20080422)
        504571.98   3634075.90       56.56487  (20072623)                504621.98
3634075.90       50.49338  (20072623)
        504671.98   3634075.90       48.03220  (20081804)                504721.98
3634075.90       50.26536  (20081804)
        502721.98   3634125.90       31.99628  (21012320)                502771.98
3634125.90       34.23586  (21012320)
        502821.98   3634125.90       36.39851  (21012320)                502871.98
3634125.90       38.27183  (21012320)
        502921.98   3634125.90       39.46624  (21012320)                502971.98
3634125.90       39.97582  (21012320)
        503021.98   3634125.90       39.68412  (21012320)                503071.98
3634125.90       38.28621  (21012320)
        503121.98   3634125.90       35.81512  (21012320)                503171.98
3634125.90       38.39876  (21111004)
        503221.98   3634125.90       43.67538  (21111004)                503271.98
3634125.90       47.56964  (21111004)
        503921.98   3634125.90      109.93755  (21022105)                503971.98
3634125.90      107.86735  (21022020)
        504021.98   3634125.90      108.34060  (21120804)                504071.98
3634125.90      114.02743  (21011520)
        504121.98   3634125.90      120.58480  (20081805)                504171.98
3634125.90      151.89702  (20081805)
        504221.98   3634125.90      148.70564  (20081803)                504271.98
3634125.90      148.06269  (20081603)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018

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, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504321.98   3634125.90      124.17801  (20081603)                504371.98
3634125.90       91.94071  (20081603)
        504421.98   3634125.90       79.08315  (20080422)                504471.98
3634125.90       67.99049  (20072623)
        504521.98   3634125.90       62.17649  (20072623)                504571.98
3634125.90       57.74542  (20081804)
        504621.98   3634125.90       54.53245  (20081804)                504671.98
3634125.90       54.07225  (20081804)
        504721.98   3634125.90       50.58740  (20081804)                502721.98
3634175.90       28.26374  (21012320)
        502771.98   3634175.90       31.54118  (21012320)                502821.98
3634175.90       35.00513  (21012320)
        502871.98   3634175.90       38.51677  (21012320)                502921.98
3634175.90       41.77402  (21012320)
        502971.98   3634175.90       44.75549  (21012320)                503021.98
3634175.90       47.29973  (21012320)
        503071.98   3634175.90       48.86858  (21012320)                503121.98
3634175.90       49.33685  (21012320)
        503171.98   3634175.90       48.35042  (21012320)                503221.98
3634175.90       45.64949  (21012320)
        503271.98   3634175.90       48.20769  (21111004)                503971.98
3634175.90      126.05412  (21120804)
        504021.98   3634175.90      120.68539  (21120104)                504071.98
3634175.90      113.17861  (21010401)
        504121.98   3634175.90      127.04838  (20081805)                504171.98
3634175.90      108.06159  (20081803)
        504221.98   3634175.90      151.15767  (20081603)                504271.98
3634175.90      136.09756  (20081603)
        504321.98   3634175.90      119.03480  (20080721)                504371.98
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        504421.98   3634175.90       71.40055  (20081804)                504471.98
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        504521.98   3634175.90       67.97434  (20081804)                504571.98
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3634175.90       48.23627  (19011923)
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        504721.98   3634175.90       46.10758  (19012803)               502721.98
3634225.90       25.02392  (19083104)
        502771.98   3634225.90       25.65380  (19083104)               502821.98
3634225.90       29.39262  (21012320)
        502871.98   3634225.90       33.62078  (21012320)               502921.98
3634225.90       38.09060  (21012320)
        502971.98   3634225.90       42.87753  (21012320)               503021.98
3634225.90       47.88385  (21012320)
        503071.98   3634225.90       52.64489  (21012320)               503121.98
3634225.90       56.94596  (21012320)
        503171.98   3634225.90       60.30162  (21012320)               503221.98
3634225.90       62.32339  (21012320)
        503271.98   3634225.90       62.64702  (21012320)               504071.98
3634225.90      127.42465  (19120524)
        504121.98   3634225.90      117.63553  (20020722)               504171.98
3634225.90      112.35781  (21022620)
        504221.98   3634225.90      102.96501  (21021922)               504271.98
3634225.90      125.30602  (21040622)
        504321.98   3634225.90      123.99336  (21040622)               504371.98
3634225.90       92.82156  (20081804)
        504421.98   3634225.90       78.23572  (20081804)               504471.98
3634225.90       71.19207  (20081804)
        504521.98   3634225.90       61.65219  (20081804)               504571.98
3634225.90       52.81334  (19012803)
        504621.98   3634225.90       50.74793  (21121821)               504671.98
3634225.90       48.78117  (20121224)
        504721.98   3634225.90       46.59913  (20020703)               502721.98
3634275.90       28.06004  (19083104)
        502771.98   3634275.90       29.49871  (19083104)               502821.98
3634275.90       31.00303  (19083104)
        502871.98   3634275.90       32.54819  (19083104)               502921.98
3634275.90       33.89673  (19083104)
        502971.98   3634275.90       35.19118  (19083104)               503021.98
3634275.90       40.77638  (21012320)
        503071.98   3634275.90       47.29975  (21012320)               503121.98
3634275.90       54.33502  (21012320)
        503171.98   3634275.90       61.71144  (21012320)               503221.98
3634275.90       68.96489  (21012320)
        503271.98   3634275.90       75.83105  (21012320)               504121.98
3634275.90      130.69391  (21021922)
        504171.98   3634275.90      117.86427  (21022221)               504221.98
3634275.90      139.56669  (21040622)
        504271.98   3634275.90      134.02135  (21081123)               504321.98
3634275.90      126.60653  (20081502)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:32:02
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL  ***
INCLUDING SOURCE(S):  L0000001  , L0000002 , L0000003  , L0000004  , L0000005  ,
L0000006  , L0000007  , L0000008  , L0000009  , L0000010 , L0000011  , L0000012  , L0000013  ,
L0000014  , L0000015  , L0000016  , L0000017  , L0000018 , L0000019  , L0000020  , L0000021  ,
L0000022  , L0000023  , L0000024  , L0000025  , L0000026 , L0000027  , L0000028  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 99.15660 | (20082223) | 504421.98 | 3634275.90 | 76.13948 | (20081222) |
| 504471.98 | 3634275.90 | 62.52246 | (20092021) | 504521.98 | 3634275.90 | 55.96552 | (20020703) |
| 504571.98 | 3634275.90 | 53.16208 | (20020703) | 504621.98 | 3634275.90 | 50.25297 | (21122121) |
| 504671.98 | 3634275.90 | 49.04452 | (21122121) | 504721.98 | 3634275.90 | 47.49425 | (21122121) |
| 502721.98 | 3634325.90 | 27.53778 | (19083104) | 502771.98 | 3634325.90 | 29.59993 | (19083104) |
| 502821.98 | 3634325.90 | 31.78252 | (19083104) | 502871.98 | 3634325.90 | 34.53404 | (19083104) |
| 502971.98 | 3634325.90 | 39.58788 | (19083104) | 503021.98 | 3634325.90 | 42.47735 | (19083104) |
| 503071.98 | 3634325.90 | 45.48933 | (19083104) | 503121.98 | 3634325.90 | 48.56656 | (19083104) |
| 503171.98 | 3634325.90 | 51.74597 | (19083104) | 503221.98 | 3634325.90 | 60.93819 | (21012320) |
| 503271.98 | 3634325.90 | 72.26244 | (21012320) | 504171.98 | 3634325.90 | 124.48929 | (21010422) |
| 504221.98 | 3634325.90 | 151.34824 | (20090623) | 504271.98 | 3634325.90 | 137.00633 | (20090623) |
| 504321.98 | 3634325.90 | 129.79393 | (20080102) | 504371.98 | 3634325.90 | 106.22565 | (20080102) |
| 504421.98 | 3634325.90 | 76.74087 | (21121518) | 504471.98 | 3634325.90 | 64.03043 | (20080321) |
| 504521.98 | 3634325.90 | 56.86369 | (20121803) | 504571.98 | | | |

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3634325.90       54.45307  (20121803)
        504621.98   3634325.90       51.93408  (21122201)                504671.98
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        504721.98   3634325.90       47.47991  (21122201)                502721.98
3634375.90       23.91664  (19083104)
        502771.98   3634375.90       26.08414  (19083104)                502821.98
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        503021.98   3634375.90       41.32811  (19083104)                503071.98
3634375.90       45.66907  (19083104)
        503121.98   3634375.90       50.36000  (19083104)                503171.98
3634375.90       55.58926  (19083104)
        503221.98   3634375.90       61.57063  (19083104)                503271.98
3634375.90       68.32270  (19083104)
        504221.98   3634375.90      140.03916  (20081301)                504271.98
3634375.90      133.09511  (20081301)
        504321.98   3634375.90      121.77337  (20081301)                504371.98
3634375.90      100.23215  (21122201)
        504421.98   3634375.90       72.09480  (20080321)                504471.98
3634375.90       59.63834  (20013123)
        504521.98   3634375.90       57.06375  (20013123)                504571.98
3634375.90       54.70582  (20013123)
        504621.98   3634375.90       52.38626  (20013123)                504671.98
3634375.90       50.11009  (20013123)
        504721.98   3634375.90       47.87519  (20013123)                502721.98
3634425.90       26.87369  (21021102)
        502771.98   3634425.90       28.56478  (21021102)                502821.98
3634425.90       30.43388  (21021102)
        504271.98   3634425.90      105.55683  (20121618)                504321.98
3634425.90      120.92606  (20082306)
        504371.98   3634425.90      130.71759  (20082306)                504421.98
3634425.90       91.15946  (20082306)
        504471.98   3634425.90       68.39079  (20082306)                504521.98
3634425.90       57.25704  (20092120)
        504571.98   3634425.90       54.40928  (19122101)                504621.98
3634425.90       52.09406  (19122101)
        504671.98   3634425.90       49.99604  (19122101)                504721.98
3634425.90       48.05712  (19122101)
        502721.98   3634475.90       33.45120  (21021102)                502771.98
3634475.90       35.74657  (21021102)
        502821.98   3634475.90       38.22207  (21021102)                504321.98
3634475.90       91.74847  (21011518)
        504371.98   3634475.90      136.11533  (20082306)                504421.98
3634475.90      131.10397  (20082306)
        504471.98   3634475.90       95.73918  (20082306)                504521.98
3634475.90       80.32877  (20082306)
        504571.98   3634475.90       73.03577  (20082306)                504621.98
3634475.90       67.67329  (20082306)
        504671.98   3634475.90       57.34648  (20082306)                504721.98
3634475.90       48.06912  (20082306)
        502721.98   3634525.90       35.43549  (21021102)                502771.98
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504471.98   3634525.90      107.68721  (20082306)                504521.98
3634525.90       93.12845  (20082306)
        504571.98   3634525.90       86.79036  (20041201)                504621.98
3634525.90       80.42827  (20041201)
        504671.98   3634525.90       67.75276  (20041201)                504721.98
3634525.90       55.94091  (20041201)
        502721.98   3634575.90       32.02477  (21021102)                502771.98
3634575.90       33.48205  (21021102)
        504421.98   3634575.90       70.81596  (21101422)                504471.98
3634575.90       64.05796  (21101422)
        504521.98   3634575.90       58.66215  (21101422)                504571.98
3634575.90       73.50529  (21012820)
        504621.98   3634575.90       78.96512  (20041201)                504671.98
3634575.90       78.63050  (20041201)
        504721.98   3634575.90       71.57774  (20041201)                502721.98
3634625.90       26.28384  (19050903)
        502771.98   3634625.90       29.00998  (19050903)                502821.98
3634625.90       32.04411  (19050903)

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        502871.98   3634625.90       35.28890  (19050903)                502921.98
3634625.90       38.76705  (19050903)
        502971.98   3634625.90       42.49246  (19050903)                503021.98
3634625.90       46.41176  (19050903)
        503071.98   3634625.90       50.45266  (19050903)                503121.98
3634625.90       54.49835  (19050903)
        504471.98   3634625.90       66.66405  (21020220)                504521.98
3634625.90       61.47916  (21020220)
        504571.98   3634625.90       57.24744  (21020220)                504621.98
3634625.90       73.56204  (21012820)
        504671.98   3634625.90       69.77138  (21012820)                504721.98
3634625.90       69.09282  (20081806)
        502721.98   3634675.90       30.36013  (19050903)                502771.98
3634675.90       32.70226  (19050903)
        502821.98   3634675.90       35.11680  (19050903)                502871.98
3634675.90       37.50696  (19050903)
        502921.98   3634675.90       39.83459  (19050903)                502971.98
3634675.90       42.04678  (19050903)
        503021.98   3634675.90       44.00725  (19050903)                503071.98
3634675.90       45.63019  (19050903)
        503121.98   3634675.90       46.84199  (19050903)                503171.98
3634675.90       47.40700  (19050903)
        503221.98   3634675.90       54.34405  (20021724)                503271.98
3634675.90       68.36100  (21011719)
        503321.98   3634675.90       83.93855  (21011719)                503371.98
3634675.90       97.23523  (21011719)
        503421.98   3634675.90      106.11978  (21011719)                503471.98
3634675.90      121.40725  (20022207)
        503521.98   3634675.90      129.63845  (20022207)                504521.98
3634675.90       56.18044  (21020220)
        504571.98   3634675.90       54.18949  (21020220)                504621.98
3634675.90       55.31840  (21020220)
        504671.98   3634675.90       56.59518  (21020220)                504721.98
3634675.90       66.39269  (21012820)
        502721.98   3634725.90       30.73166  (19050903)                502771.98
3634725.90       32.09423  (19050903)
        502821.98   3634725.90       33.29319  (19050903)                502871.98
3634725.90       34.27191  (19050903)
        502921.98   3634725.90       34.94170  (19050903)                502971.98
3634725.90       35.24614  (19050903)
        503021.98   3634725.90       35.11272  (19050903)                503071.98
3634725.90       38.47944  (20021724)
        503121.98   3634725.90       45.89477  (20021724)                503171.98
3634725.90       56.40916  (21011719)
        503221.98   3634725.90       68.57123  (21011719)                503271.98
3634725.90       78.60519  (21011719)
        503321.98   3634725.90       84.93476  (21011719)                503371.98
3634725.90       92.30394  (20022207)
        503421.98   3634725.90      103.68785  (20022207)                503471.98
3634725.90      107.26589  (21012023)
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        503521.98   3634725.90      108.02191  (20040823)                503571.98
3634725.90      115.82813  (21121424)
        503621.98   3634725.90      117.38398  (19121706)                504571.98
3634725.90       42.63840  (21020220)
        504621.98   3634725.90       43.31544  (21020220)                504671.98
3634725.90       45.06735  (21020220)
        504721.98   3634725.90       49.74670  (21020220)                502721.98
3634775.90       27.39826  (19050903)
        502771.98   3634775.90       27.59023  (19050903)                502821.98
3634775.90       27.52496  (19050903)
        502871.98   3634775.90       27.14096  (19050903)                502921.98
3634775.90       28.50286  (20021724)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502971.98   3634775.90       33.83303  (20021724)                503021.98
3634775.90       39.45764  (20021724)
        503071.98   3634775.90       47.68960  (21011719)                503121.98
3634775.90       57.46298  (21011719)
        503171.98   3634775.90       65.55332  (21011719)                503221.98
3634775.90       70.57333  (21011719)
        503271.98   3634775.90       71.44775  (21011719)                503321.98
3634775.90       82.65260  (20022207)
        503371.98   3634775.90       88.57728  (20022207)                503421.98
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3634775.90 91.44429 (21012023)
503471.98 3634775.90 91.34986 (20040823) 503521.98
3634775.90 97.19345 (21121424)
503571.98 3634775.90 99.59765 (19121706) 503621.98
3634775.90 99.80807 (19121706)
503671.98 3634775.90 100.80524 (20120224) 503721.98
3634775.90 114.02039 (21021806)
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3634775.90 123.26395 (21012024)
504621.98 3634775.90 31.33662 (20082303) 504671.98
3634775.90 32.64902 (20082303)
504721.98 3634775.90 44.14385 (20082303) 502721.98
3634825.90 21.64679 (19050903)
502771.98 3634825.90 21.83684 (20021724) 502821.98
3634825.90 25.78926 (20021724)
502871.98 3634825.90 30.03820 (20021724) 502921.98
3634825.90 34.40828 (20021724)
502971.98 3634825.90 41.09228 (21011719) 503021.98
3634825.90 49.11817 (21011719)
503071.98 3634825.90 55.81157 (21011719) 503121.98
3634825.90 60.07266 (21011719)
503171.98 3634825.90 61.00117 (21011719) 503221.98
3634825.90 66.25268 (20022207)
503271.98 3634825.90 73.72720 (20022207) 503321.98
3634825.90 75.95968 (20022207)
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3634825.90 78.62189 (20040823)
503471.98 3634825.90 82.90069 (21121424) 503521.98
3634825.90 85.42340 (21121424)
503571.98 3634825.90 88.17335 (19121706) 503621.98
3634825.90 80.84594 (19121706)
503671.98 3634825.90 91.20922 (20120224) 503721.98
3634825.90 102.70042 (21021806)
503771.98 3634825.90 107.49222 (21012024) 503821.98
3634825.90 109.45246 (21012024)
503871.98 3634825.90 89.03600 (21013118) 503921.98
3634825.90 98.77901 (21013118)
504671.98 3634825.90 23.23792 (20082303) 504721.98
3634825.90 27.90275 (20082303)
502721.98 3634875.90 23.44126 (20021724) 502771.98
3634875.90 26.89250 (20021724)
502821.98 3634875.90 30.36847 (20021724) 502871.98
3634875.90 35.93447 (21011719)
502921.98 3634875.90 42.63898 (21011719) 502971.98
3634875.90 48.28335 (21011719)
503021.98 3634875.90 51.98539 (21011719) 503071.98
3634875.90 53.02678 (21011719)
503121.98 3634875.90 53.46045 (20022207) 503171.98
3634875.90 61.13961 (20022207)
503221.98 3634875.90 65.54723 (20022207) 503271.98

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3634875.90       66.27304  (21012023)
        503321.98   3634875.90       68.57078  (21012023)                503371.98
3634875.90       68.72238  (20040823)
        503421.98   3634875.90       72.31647  (20040823)                503471.98
3634875.90       75.40566  (21121424)
        503521.98   3634875.90       77.75983  (19121706)                503571.98
3634875.90       74.38154  (19121706)
        503621.98   3634875.90       71.49356  (20120224)                503671.98
3634875.90       83.69113  (21021806)
        503721.98   3634875.90       93.12109  (21021806)                503771.98
3634875.90       97.35129  (21012024)
        503821.98   3634875.90       98.04416  (21012024)                503871.98
3634875.90       77.95594  (21013118)
        503921.98   3634875.90      115.58746  (21060422)                504721.98
3634875.90       16.13679  (20082303)
        502721.98   3634925.90       27.04963  (20021724)                502771.98
3634925.90       31.80166  (21011719)
        502821.98   3634925.90       37.47416  (21011719)                502871.98
3634925.90       42.29283  (21011719)
        502921.98   3634925.90       45.57077  (21011719)                502971.98
3634925.90       46.68631  (21011719)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:32:02

                                  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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503021.98 3634925.90 45.31373 (21011719) 503071.98 3634925.90 50.74497 (20022207)
503121.98 3634925.90 56.06347 (20022207) 503171.98 3634925.90 58.13233 (20022207)
503221.98 3634925.90 59.46645 (21012023) 503271.98 3634925.90 60.23321 (21012023)
503321.98 3634925.90 60.76071 (20040823) 503371.98 3634925.90 64.06158 (20040823)
503421.98 3634925.90 67.15640 (21121424) 503471.98 3634925.90 68.36245 (19121706)
503521.98 3634925.90 68.44895 (19121706) 503571.98 3634925.90 61.35774 (19020322)
503621.98 3634925.90 68.29526 (20120224) 503671.98 3634925.90 78.21663 (21021806)
503721.98 3634925.90 91.89908 (21021806) 503771.98 3634925.90 99.58322 (21012024)
503821.98 3634925.90 110.66477 (19122420) 503871.98 3634925.90 120.78155 (19122420)
502721.98 3634975.90 33.27280 (21011719) 502771.98 3634975.90 37.43424 (21011719)
502821.98 3634975.90 40.35292 (21011719) 502871.98 3634975.90 41.51775 (21011719)
502921.98 3634975.90 40.62112 (21011719) 502971.98 3634975.90 42.14718 (20022207)
503021.98 3634975.90 47.67009 (20022207) 503071.98 3634975.90 51.05248 (20022207)
503121.98 3634975.90 51.43533 (20022207) 503171.98 3634975.90 53.52875 (21012023)
503221.98 3634975.90 53.21411 (21012023) 503271.98 3634975.90 54.28176 (20040823)
503321.98 3634975.90 57.33461 (20040823) 503371.98 3634975.90 60.17383 (21121424)
503421.98 3634975.90 59.76915 (19121706) 503471.98 3634975.90 62.63531 (19121706)
503521.98 3634975.90 57.23082 (19121706) 503571.98 3634975.90 55.10348 (19020322)
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502721.98 3635025.90 36.04877 (21011719) 502771.98 3635025.90 37.22659 (21011719)
502821.98 3635025.90 36.69357 (21011719) 502871.98 3635025.90 35.18690 (20022207)
502921.98 3635025.90 40.48507 (20022207) 502971.98 3635025.90 44.44161 (20022207)
503021.98 3635025.90 46.29016 (20022207) 503071.98 3635025.90 45.98121 (21012023)

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        503121.98   3635025.90       48.41743  (21012023)               503171.98
3635025.90       47.35800  (21012023)
        503221.98   3635025.90       48.86359  (20040823)               503271.98
3635025.90       51.63242  (20040823)
        503321.98   3635025.90       54.06851  (21121424)               503371.98
3635025.90       53.45008  (21121424)
        503421.98   3635025.90       56.79382  (19121706)               503471.98
3635025.90       54.41906  (19121706)
        503521.98   3635025.90       49.88228  (19020322)               503571.98
3635025.90       50.78817  (20120224)
        503621.98   3635025.90       61.38302  (20120224)               503671.98
3635025.90       71.79712  (21021806)
        503721.98   3635025.90       97.95523  (21081004)               503771.98
3635025.90       99.05674  (19101219)
        503821.98   3635025.90       92.02829  (20071102)               504371.98
3635025.90       48.07253  (21012617)
        502721.98   3635075.90       33.34786  (21011719)               502771.98
3635075.90       31.59332  (21011719)
        502821.98   3635075.90       34.39997  (20022207)               502871.98
3635075.90       38.50332  (20022207)
        502921.98   3635075.90       41.16546  (20022207)               502971.98
3635075.90       41.83543  (20022207)
        503021.98   3635075.90       42.46910  (21012023)               503071.98
3635075.90       43.90518  (21012023)
        503121.98   3635075.90       42.32415  (21012023)               503171.98
3635075.90       44.29099  (20040823)
        503221.98   3635075.90       46.80985  (20040823)               503271.98
3635075.90       48.78642  (21121424)
        503321.98   3635075.90       49.15752  (21121424)               503371.98
3635075.90       51.13598  (19121706)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503421.98 | 3635075.90 | 51.17451 | (19121706) | 503471.98 | 3635075.90 | 45.04537 | (19121706) |
| 503521.98 | 3635075.90 | 45.52566 | (19020322) | 503571.98 | 3635075.90 | 50.16046 | (20120224) |
| 503621.98 | 3635075.90 | 57.68012 | (20120224) | 503671.98 | 3635075.90 | 70.61384 | (21021806) |
| 503721.98 | 3635075.90 | 88.95834 | (21081004) | 503771.98 | 3635075.90 | 93.77959 | (19101219) |
| 503821.98 | 3635075.90 | 82.81960 | (19072224) | 504371.98 | 3635075.90 | 41.58185 | (20011620) |
| 504421.98 | 3635075.90 | 43.10663 | (21012617) | 504471.98 | 3635075.90 | 42.99350 | (21012617) |
| 504521.98 | 3635075.90 | 40.02254 | (21012617) | 502721.98 | 3635125.90 | 29.31290 | (20022207) |
| 502771.98 | 3635125.90 | 33.28400 | (20022207) | 502821.98 | 3635125.90 | 36.31987 | (20022207) |
| 502871.98 | 3635125.90 | 37.93749 | (20022207) | 502921.98 | 3635125.90 | 37.74524 | (20022207) |
| 502971.98 | 3635125.90 | 39.25594 | (21012023) | 503021.98 | 3635125.90 | 39.93521 | (21012023) |
| 503071.98 | 3635125.90 | 38.00785 | (21012023) | 503121.98 | 3635125.90 | 40.38249 | (20040823) |
| 503171.98 | 3635125.90 | 42.68481 | (20040823) | 503221.98 | 3635125.90 | 44.17225 | (21121424) |
| 503271.98 | 3635125.90 | 45.27222 | (21121424) | 503321.98 | 3635125.90 | 45.69886 | (19121706) |
| 503371.98 | 3635125.90 | 47.57746 | (19121706) | 503421.98 | 3635125.90 | 43.91095 | (19121706) |
| 503471.98 | 3635125.90 | 41.57010 | (19020322) | 503521.98 | 3635125.90 | 40.56262 | (19020322) |
| 503571.98 | 3635125.90 | 52.23751 | (20120224) | 503621.98 | 3635125.90 | 57.26921 | (20120224) |
| 503671.98 | 3635125.90 | 73.85091 | (19031924) | 503721.98 | 3635125.90 | 87.05665 | (21081004) |
| 503771.98 | 3635125.90 | 83.22148 | (19101219) | 503821.98 | 3635125.90 | 77.17152 | (19072224) |
| 504371.98 | 3635125.90 | 41.94160 | (20011620) | 504421.98 | 3635125.90 | 37.24952 | (20011620) |
| 504471.98 | 3635125.90 | 38.93870 | (21012617) | 504521.98 | 3635125.90 | 39.13706 | (21012617) |
| 504571.98 | 3635125.90 | 36.84672 | (21012617) | 502721.98 | | | |

3635175.90  31.93753  (20022207)
  502771.98  3635175.90  34.06397  (20022207)  502821.98
3635175.90  34.82130  (20022207)
  502871.98  3635175.90  34.15032  (21012023)  502921.98
3635175.90  36.31426  (21012023)
  502971.98  3635175.90  36.41778  (21012023)  503021.98
3635175.90  34.27853  (21012023)
  503071.98  3635175.90  37.02478  (20040823)  503121.98
3635175.90  39.13075  (20040823)
  503171.98  3635175.90  40.16957  (21121424)  503221.98
3635175.90  41.75613  (21121424)
  503271.98  3635175.90  40.66559  (19121706)  503321.98
3635175.90  43.84022  (19121706)
  503371.98  3635175.90  42.20556  (19121706)  503421.98
3635175.90  37.06856  (19020322)
  503471.98  3635175.90  38.30757  (19020322)  503521.98
3635175.90  38.54802  (20120224)
  503571.98  3635175.90  59.21415  (20120224)  503621.98
3635175.90  62.62215  (20120224)
  503671.98  3635175.90  75.67820  (19031924)  503721.98
3635175.90  78.25171  (19101219)
  503771.98  3635175.90  73.04296  (19072223)  503821.98
3635175.90  69.57625  (19072224)
  504371.98  3635175.90  39.46591  (20011620)  504421.98
3635175.90  37.89853  (20011620)
  504471.98  3635175.90  33.39718  (20011620)  504521.98
3635175.90  35.41228  (21012617)
  504571.98  3635175.90  35.90706  (21012617)  504621.98
3635175.90  34.07079  (21012617)
  502721.98  3635225.90  31.81518  (20022207)  502771.98
3635225.90  31.91949  (20022207)
  502821.98  3635225.90  32.14063  (21012023)  502871.98
3635225.90  33.62092  (21012023)
  502921.98  3635225.90  33.28527  (21012023)  502971.98
3635225.90  31.03832  (21012023)
  503021.98  3635225.90  34.11668  (20040823)  503071.98
3635225.90  36.04425  (20040823)
  503121.98  3635225.90  36.64370  (21121424)  503171.98
3635225.90  38.59791  (21121424)



                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002

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, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503221.98   3635225.90       37.13104  (21121424)               503271.98
3635225.90       40.13245  (19121706)
        503321.98   3635225.90       40.14108  (19121706)               503371.98
3635225.90       35.90042  (19121706)
        503421.98   3635225.90       35.34977  (19020322)               503471.98
3635225.90       34.72337  (19020322)
        503521.98   3635225.90       38.69832  (20120224)               503571.98
3635225.90       60.16332  (20120224)
        503621.98   3635225.90       75.23250  (19031924)               503671.98
3635225.90       76.60933  (20090823)
        504371.98   3635225.90       34.97830  (20011620)               504421.98
3635225.90       36.27626  (20011620)
        504471.98   3635225.90       34.45143  (20011620)               504521.98
3635225.90       30.20942  (20011620)
        504571.98   3635225.90       32.74339  (21012617)               504621.98
3635225.90       32.88224  (21012617)
        502721.98   3635275.90       29.16517  (20022207)               502771.98
3635275.90       30.19528  (21012023)
        502821.98   3635275.90       31.14995  (21012023)               502871.98
3635275.90       30.50001  (21012023)
        502921.98   3635275.90       28.18900  (21012023)               502971.98
3635275.90       31.54617  (20040823)
        503021.98   3635275.90       33.29390  (20040823)               503071.98
3635275.90       33.49147  (21121424)
        503121.98   3635275.90       35.66667  (21121424)               503171.98
3635275.90       34.89691  (21121424)
        503221.98   3635275.90       36.47183  (19121706)               503271.98
3635275.90       37.73850  (19121706)
        503321.98   3635275.90       35.17942  (19121706)               503371.98
3635275.90       31.78580  (19020322)
        503421.98   3635275.90       32.94037  (19020322)               503471.98
3635275.90       30.82646  (19020322)
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        503521.98   3635275.90       38.45255  (20120224)                503571.98
3635275.90       46.92051  (20120224)
        503621.98   3635275.90       66.49708  (19031924)                504371.98
3635275.90       29.84567  (20011620)
        504421.98   3635275.90       35.20342  (20011620)                504471.98
3635275.90       33.76252  (20011620)
        504521.98   3635275.90       31.60586  (20011620)                504571.98
3635275.90       27.67380  (21012617)
        504621.98   3635275.90       30.76217  (21012617)                504671.98
3635275.90       30.36906  (21012617)
        502721.98   3635325.90       28.38961  (21012023)                502771.98
3635325.90       29.09983  (21012023)
        502821.98   3635325.90       28.25536  (21012023)                502871.98
3635325.90       26.24122  (20040823)
        502921.98   3635325.90       29.36685  (20040823)                502971.98
3635325.90       30.92209  (20040823)
        503021.98   3635325.90       30.85785  (20040823)                503071.98
3635325.90       33.24302  (21121424)
        503121.98   3635325.90       33.17913  (21121424)                503171.98
3635325.90       33.05000  (19121706)
        503221.98   3635325.90       35.18309  (19121706)                503271.98
3635325.90       34.02422  (19121706)
        503321.98   3635325.90       29.67684  (19121706)                503371.98
3635325.90       30.46072  (19020322)
        503421.98   3635325.90       30.09052  (19020322)                503471.98
3635325.90       30.57905  (20120224)
        503521.98   3635325.90       37.70527  (20120224)                503571.98
3635325.90       40.48362  (20120224)
        503621.98   3635325.90       58.75850  (19031924)                504371.98
3635325.90       25.97252  (20011620)
        504421.98   3635325.90       30.13573  (20011620)                504471.98
3635325.90       31.31783  (20011620)
        504521.98   3635325.90       30.84091  (20011620)                504571.98
3635325.90       28.77237  (20011620)
        504621.98   3635325.90       26.09412  (21012617)                504671.98
3635325.90       31.44738  (21012617)
        504721.98   3635325.90       28.13907  (21012617)                502721.98
3635375.90       29.03360  (21012023)
        502771.98   3635375.90       37.18331  (21012023)                502821.98
3635375.90       39.85070  (20070801)
        502871.98   3635375.90       41.03702  (20070801)                502921.98
3635375.90       40.88445  (20070802)
        502971.98   3635375.90       30.12028  (20040823)                503021.98
3635375.90       45.44862  (21121424)
        503071.98   3635375.90       49.88265  (19091321)                503121.98
3635375.90       34.04280  (19121706)
        503171.98   3635375.90       33.67984  (19121706)                503221.98
3635375.90       32.55325  (19121706)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
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                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635425.90 45.39107 (21121424)
503021.98 3635425.90 49.17588 (19091321) 503071.98
3635425.90 50.32337 (20042421)
503121.98 3635425.90 33.46310 (19121706) 503171.98
3635425.90 33.05963 (19121706)
503221.98 3635425.90 29.32686 (19121706) 503271.98
3635425.90 28.48319 (19020322)
503321.98 3635425.90 29.06655 (19020322) 503371.98
3635425.90 26.93767 (19020322)
503421.98 3635425.90 24.22996 (19020322) 503471.98
3635425.90 32.10089 (20120224)
503521.98 3635425.90 39.94317 (20120224) 503571.98
3635425.90 42.08556 (21021806)
503621.98 3635425.90 47.61724 (21021806) 503671.98
3635425.90 59.06333 (21081004)
503721.98 3635425.90 64.90923 (19101219) 503771.98
3635425.90 64.49099 (20071102)
503821.98 3635425.90 61.47223 (20071102) 504371.98
3635425.90 21.98875 (21121422)
504421.98 3635425.90 21.89936 (20011620) 504471.98
3635425.90 26.32842 (20011620)
504521.98 3635425.90 26.01198 (20011620) 504571.98
3635425.90 27.23764 (20011620)
504621.98 3635425.90 28.87731 (20011620) 504671.98
3635425.90 28.40279 (21122618)
504721.98 3635425.90 29.37372 (21122618) 502721.98
3635475.90 35.28074 (20070801)
502771.98 3635475.90 38.53947 (20070801) 502821.98
3635475.90 39.84773 (20070802)
502871.98 3635475.90 44.07854 (20070802) 502921.98
3635475.90 42.57819 (20070802)
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3635475.90 48.63856 (19091321)
503071.98 3635475.90 49.21572 (20042421) 503121.98
3635475.90 31.90681 (19121706)
503171.98 3635475.90 30.62084 (19121706) 503221.98
3635475.90 27.96201 (19121706)
503271.98 3635475.90 29.63371 (19020322) 503321.98
3635475.90 29.93896 (19020322)
503371.98 3635475.90 26.61201 (19020322) 503421.98
3635475.90 26.95030 (20120224)
503471.98 3635475.90 36.29847 (20120224) 503521.98
3635475.90 40.84083 (20120224)
503571.98 3635475.90 44.21679 (21021806) 503621.98
3635475.90 46.63567 (21021806)
503671.98 3635475.90 49.85168 (21081004) 503721.98
3635475.90 54.63377 (19101219)
503771.98 3635475.90 61.17866 (20071102) 503821.98
3635475.90 58.24180 (20071102)
503871.98 3635475.90 55.72764 (19122420) 503921.98

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504671.98   3635475.90       28.71517  (20011620)                504721.98
3635475.90       41.21512  (21122618)
        502221.98   3632975.90        4.37834  (19010119)                502271.98
3632975.90        4.67375  (21030103)
        502321.98   3632975.90        5.95915  (21030103)                502371.98
3632975.90        7.41643  (21030103)
        502421.98   3632975.90        8.97696  (21030103)                502471.98
3632975.90       10.53525  (21030103)
        502521.98   3632975.90       11.95139  (21030103)                502571.98
3632975.90       13.07902  (21030103)
        502621.98   3632975.90       13.76917  (21030103)                502671.98
3632975.90       14.55042  (20121603)
        502721.98   3632975.90       17.19493  (20121603)                502771.98
3632975.90       19.36769  (20121603)

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        502821.98   3632975.90       29.01167  (20121603)               502871.98
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        502921.98   3632975.90       30.88265  (20092124)               502971.98
3632975.90       30.40272  (20090205)
        503021.98   3632975.90       34.48960  (20090205)               503071.98
3632975.90       39.08370  (20090205)
        503121.98   3632975.90       33.87633  (20102407)               503171.98
3632975.90       34.22264  (20111701)
        503221.98   3632975.90       35.94321  (20111701)               503271.98
3632975.90       34.41257  (20111701)
        503321.98   3632975.90       39.59117  (19081924)               503371.98
3632975.90       42.49075  (19081924)
        503421.98   3632975.90       36.23715  (19081924)               503471.98
3632975.90       40.20591  (19110606)
        503621.98   3632975.90       34.86286  (20050102)               503671.98
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3632975.90       26.08066  (20080820)
        504021.98   3632975.90       27.18245  (20022622)               504071.98
3632975.90       27.02754  (21013120)
        504121.98   3632975.90       26.93989  (21011302)               504171.98
3632975.90       26.03353  (19102905)
        504221.98   3632975.90       26.53938  (21022205)               504271.98
3632975.90       26.82561  (20022403)
        504321.98   3632975.90       26.35401  (21011620)               504371.98
3632975.90       26.01293  (21013021)
        504421.98   3632975.90       26.32147  (21013021)               504471.98
3632975.90       25.45698  (21120723)
        504521.98   3632975.90       25.13576  (21120723)               504571.98
3632975.90       24.94419  (20101423)
        504621.98   3632975.90       24.17943  (21011323)               504671.98
3632975.90       24.92041  (21011323)
        504721.98   3632975.90       24.65233  (21010102)               504771.98
3632975.90       24.40297  (20011902)
        504821.98   3632975.90       23.96379  (19022705)               504871.98
3632975.90       23.99979  (21021820)
        504921.98   3632975.90       23.43821  (20121007)               504971.98
3632975.90       23.56230  (21011520)
        505021.98   3632975.90       22.56753  (21010522)               505071.98
3632975.90       22.33803  (19122301)
        505121.98   3632975.90       22.08075  (20122923)               505171.98
3632975.90       21.35162  (20122923)
        505221.98   3632975.90       21.22369  (20100121)               502221.98
3633025.90        4.98104  (19010119)
        502271.98   3633025.90        4.65113  (19010119)               502321.98
3633025.90        4.97491  (21030103)
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        503171.98   3633025.90       34.11105  (20102407)               503221.98
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3633025.90 27.31125 (21022205)
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3633025.90 22.27541 (20122923)
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502421.98 3633075.90 6.81305 (21030103) 502471.98
3633075.90 8.50732 (21030103)
502521.98 3633075.90 10.30429 (21030103) 502571.98
3633075.90 12.06082 (21030103)
502621.98 3633075.90 13.59344 (21030103) 502671.98
3633075.90 14.71252 (21030103)
502721.98 3633075.90 15.24719 (21030103) 502771.98
3633075.90 17.67940 (20121603)
502821.98 3633075.90 26.90520 (20121603) 502871.98
3633075.90 32.00174 (20121603)
502921.98 3633075.90 34.24629 (20121603) 502971.98

3633075.90       31.75096  (20121603)
        503021.98   3633075.90       37.35694  (20092124)                503071.98
3633075.90       40.58808  (20092124)
        503121.98   3633075.90       39.99418  (20092124)                503171.98
3633075.90       33.45077  (20061222)
        503221.98   3633075.90       35.54643  (20082723)                503271.98
3633075.90       37.24013  (20111701)
        503321.98   3633075.90       38.65479  (19081924)                503371.98
3633075.90       44.50232  (19081924)
        503421.98   3633075.90       39.91773  (19081924)                503471.98
3633075.90       41.68368  (19110606)
        503621.98   3633075.90       33.74656  (20050102)                503671.98
3633075.90       34.75324  (20050102)
        503721.98   3633075.90       33.49796  (21020203)                503771.98
3633075.90       28.27913  (20082921)
        503821.98   3633075.90       29.18240  (20082921)                503871.98
3633075.90       28.43252  (20082921)
        503921.98   3633075.90       25.64631  (20080820)                503971.98
3633075.90       27.91211  (20080820)
        504021.98   3633075.90       29.02973  (20022622)                504071.98
3633075.90       28.98439  (21013120)
        504121.98   3633075.90       28.01141  (21011302)                504171.98
3633075.90       28.39509  (19102905)
        504221.98   3633075.90       28.15728  (19121107)                504271.98
3633075.90       28.27756  (20022403)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 28.15659 | (21011620) | 504371.98 | 3633075.90 | 28.36568 | (21013021) |
| 504421.98 | 3633075.90 | 27.11729 | (20042404) | 504471.98 | 3633075.90 | 26.92332 | (21120723) |
| 504521.98 | 3633075.90 | 26.52943 | (20101423) | 504571.98 | 3633075.90 | 26.11902 | (21011323) |
| 504621.98 | 3633075.90 | 26.31484 | (21011323) | 504671.98 | 3633075.90 | 26.26986 | (21010102) |
| 504721.98 | 3633075.90 | 25.66404 | (20011902) | 504771.98 | 3633075.90 | 25.78057 | (19022705) |
| 504821.98 | 3633075.90 | 25.44992 | (21021820) | 504871.98 | 3633075.90 | 25.34840 | (21011520) |
| 504921.98 | 3633075.90 | 24.42016 | (19121906) | 504971.98 | 3633075.90 | 24.33381 | (21010522) |
| 505021.98 | 3633075.90 | 23.78728 | (19122301) | 505071.98 | 3633075.90 | 23.24396 | (20122923) |
| 505121.98 | 3633075.90 | 22.73011 | (20100121) | 505171.98 | 3633075.90 | 23.27440 | (21022502) |
| 505221.98 | 3633075.90 | 22.38224 | (21022502) | 502221.98 | 3633125.90 | 6.17879 | (19010119) |
| 502271.98 | 3633125.90 | 5.96065 | (19010119) | 502321.98 | 3633125.90 | 5.65560 | (19010119) |
| 502371.98 | 3633125.90 | 5.27652 | (19010119) | 502421.98 | 3633125.90 | 5.67275 | (21030103) |
| 502471.98 | 3633125.90 | 7.30428 | (21030103) | 502521.98 | 3633125.90 | 9.14188 | (21030103) |
| 502571.98 | 3633125.90 | 11.07372 | (21030103) | 502621.98 | 3633125.90 | 12.93419 | (21030103) |
| 502671.98 | 3633125.90 | 14.51842 | (21030103) | 502721.98 | 3633125.90 | 15.61167 | (21030103) |
| 502771.98 | 3633125.90 | 16.17053 | (20121603) | 502821.98 | 3633125.90 | 19.43987 | (20121603) |
| 502871.98 | 3633125.90 | 29.86304 | (20121603) | 502921.98 | 3633125.90 | 33.40643 | (20121603) |
| 502971.98 | 3633125.90 | 34.65746 | (20121603) | 503021.98 | 3633125.90 | 39.62352 | (20092124) |
| 503071.98 | 3633125.90 | 45.83574 | (20092124) | 503121.98 | 3633125.90 | 44.87276 | (20092124) |
| 503171.98 | 3633125.90 | 36.40397 | (20092124) | 503221.98 | 3633125.90 | 34.77965 | (20082723) |
| 503271.98 | 3633125.90 | 37.94581 | (20082723) | 503321.98 | 3633125.90 | 37.02128 | (20111701) |
| 503371.98 | 3633125.90 | 45.35885 | (19081924) | 503421.98 | 3633125.90 | 42.01883 | (19081924) |
| 503471.98 | 3633125.90 | 41.96738 | (19110606) | 503621.98 | 3633125.90 | 33.77515 | (19091221) |

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        503671.98   3633125.90       34.25419  (20101121)                503721.98
3633125.90       32.47626  (21020203)
        503771.98   3633125.90       28.38246  (21020203)                503821.98
3633125.90       29.70350  (20082921)
        503871.98   3633125.90       29.32123  (20082921)                503921.98
3633125.90       26.99325  (20080820)
        503971.98   3633125.90       28.77859  (20080820)                504021.98
3633125.90       29.86345  (20022622)
        504071.98   3633125.90       29.79892  (21013120)                504121.98
3633125.90       28.26985  (21011302)
        504171.98   3633125.90       29.19177  (19102905)                504221.98
3633125.90       29.23491  (20022403)
        504271.98   3633125.90       28.99331  (21011620)                504321.98
3633125.90       29.09642  (21013021)
        504371.98   3633125.90       28.49292  (21013021)                504421.98
3633125.90       28.39037  (21120723)
        504471.98   3633125.90       27.56231  (20101423)                504521.98
3633125.90       27.11568  (20112022)
        504571.98   3633125.90       27.64267  (21011323)                504621.98
3633125.90       27.09892  (21010102)
        504671.98   3633125.90       26.98287  (20011902)                504721.98
3633125.90       26.59732  (19022705)
        504771.98   3633125.90       26.57895  (21021820)                504821.98
3633125.90       26.04515  (21011520)
        504871.98   3633125.90       25.56265  (21011520)                504921.98
3633125.90       25.34338  (21010522)
        504971.98   3633125.90       24.83812  (19122301)                505021.98
3633125.90       24.27275  (20122923)
        505071.98   3633125.90       23.55091  (20100121)                505121.98
3633125.90       24.12999  (21022502)
        505171.98   3633125.90       23.21926  (19120104)                505221.98
3633125.90       22.46669  (20100521)
        502221.98   3633175.90        6.67782  (19010119)                502271.98
3633175.90        6.55686  (19010119)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 6.33947 | (19010119) | 502371.98 | 3633175.90 | 6.03735 | (19010119) |
| 502421.98 | 3633175.90 | 5.64421 | (19010119) | 502471.98 | 3633175.90 | 6.07607 | (21030103) |
| 502521.98 | 3633175.90 | 7.85328 | (21030103) | 502571.98 | 3633175.90 | 9.84717 | (21030103) |
| 502621.98 | 3633175.90 | 11.92491 | (21030103) | 502671.98 | 3633175.90 | 13.89290 | (21030103) |
| 502721.98 | 3633175.90 | 15.51153 | (21030103) | 502771.98 | 3633175.90 | 19.42218 | (21030103) |
| 502821.98 | 3633175.90 | 27.49902 | (21030103) | 502871.98 | 3633175.90 | 24.75106 | (20121603) |
| 502921.98 | 3633175.90 | 32.07601 | (20121603) | 502971.98 | 3633175.90 | 33.70385 | (20121603) |
| 503021.98 | 3633175.90 | 35.30161 | (20092124) | 503071.98 | 3633175.90 | 41.80971 | (20092124) |
| 503121.98 | 3633175.90 | 45.53137 | (20092124) | 503171.98 | 3633175.90 | 38.10384 | (20092124) |
| 503221.98 | 3633175.90 | 34.91365 | (20082723) | 503271.98 | 3633175.90 | 40.22278 | (20082723) |
| 503321.98 | 3633175.90 | 39.83918 | (20111701) | 503371.98 | 3633175.90 | 44.42326 | (19081924) |
| 503421.98 | 3633175.90 | 44.46155 | (19081924) | 503471.98 | 3633175.90 | 41.79067 | (19110606) |
| 503621.98 | 3633175.90 | 33.40553 | (19082022) | 503671.98 | 3633175.90 | 34.90452 | (20101121) |
| 503721.98 | 3633175.90 | 31.36545 | (21020203) | 503771.98 | 3633175.90 | 29.59740 | (21020203) |
| 503821.98 | 3633175.90 | 30.53957 | (20082921) | 503871.98 | 3633175.90 | 30.27385 | (20082921) |
| 503921.98 | 3633175.90 | 28.34426 | (20080820) | 503971.98 | 3633175.90 | 29.84090 | (19032124) |
| 504021.98 | 3633175.90 | 30.64177 | (20022622) | 504071.98 | 3633175.90 | 30.49255 | (21013120) |
| 504121.98 | 3633175.90 | 29.66824 | (19102905) | 504171.98 | 3633175.90 | 30.00418 | (21022205) |
| 504221.98 | 3633175.90 | 30.39723 | (20022403) | 504271.98 | | | |

3633175.90  30.21400  (21011620)
  504321.98  3633175.90  30.45914  (21013021)  504371.98
3633175.90  28.95520  (20042404)
  504421.98  3633175.90  28.92994  (21120723)  504471.98
3633175.90  28.33658  (20101423)
  504521.98  3633175.90  28.24046  (21011323)  504571.98
3633175.90  27.78507  (21011323)
  504621.98  3633175.90  27.85742  (20011902)  504671.98
3633175.90  27.10106  (19022705)
  504721.98  3633175.90  27.48690  (21021820)  504771.98
3633175.90  26.94336  (20121007)
  504821.98  3633175.90  26.92703  (21011520)  504871.98
3633175.90  26.30343  (21010522)
  504921.98  3633175.90  25.89900  (19122301)  504971.98
3633175.90  25.34885  (20122923)
  505021.98  3633175.90  24.44320  (20100121)  505071.98
3633175.90  25.05040  (21022502)
  505121.98  3633175.90  24.12806  (19120104)  505171.98
3633175.90  23.41118  (19112707)
  505221.98  3633175.90  23.92901  (20021702)  502221.98
3633225.90  7.06814  (19010119)
  502271.98  3633225.90  7.07855  (19010119)  502321.98
3633225.90  6.97607  (19010119)
  502371.98  3633225.90  6.77647  (19010119)  502421.98
3633225.90  6.45986  (19010119)
  502471.98  3633225.90  6.03805  (19010119)  502521.98
3633225.90  6.52177  (21030103)
  502571.98  3633225.90  8.46015  (21030103)  502621.98
3633225.90  10.62676  (21030103)
  502671.98  3633225.90  12.86342  (21030103)  502721.98
3633225.90  14.93729  (21030103)
  502771.98  3633225.90  16.77086  (21030103)  502821.98
3633225.90  23.14612  (21030103)
  502871.98  3633225.90  25.45807  (21030103)  502921.98
3633225.90  29.30176  (20121603)
  502971.98  3633225.90  31.26482  (20121603)  503021.98
3633225.90  34.08472  (20121603)
  503071.98  3633225.90  34.96553  (20092124)  503121.98
3633225.90  36.22638  (20092124)
  503171.98  3633225.90  40.34584  (20092124)  503221.98
3633225.90  37.59278  (20092124)
  503271.98  3633225.90  40.35855  (20082723)  503321.98
3633225.90  42.79770  (20111701)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 42.48134 | (20111701) | 503421.98 | 3633225.90 | 45.84323 | (19081924) |
| 503471.98 | 3633225.90 | 42.34877 | (19081924) | 503621.98 | 3633225.90 | 36.04516 | (19082022) |
| 503671.98 | 3633225.90 | 35.04661 | (20101121) | 503721.98 | 3633225.90 | 31.76458 | (21020203) |
| 503771.98 | 3633225.90 | 30.81918 | (21020203) | 503821.98 | 3633225.90 | 31.63563 | (20082921) |
| 503871.98 | 3633225.90 | 31.29390 | (20082921) | 503921.98 | 3633225.90 | 29.70366 | (20080820) |
| 503971.98 | 3633225.90 | 31.00502 | (20022622) | 504021.98 | 3633225.90 | 31.36738 | (20022622) |
| 504071.98 | 3633225.90 | 31.31453 | (21011302) | 504121.98 | 3633225.90 | 31.15776 | (19102905) |
| 504171.98 | 3633225.90 | 30.87412 | (19121107) | 504221.98 | 3633225.90 | 31.13017 | (20022403) |
| 504271.98 | 3633225.90 | 30.86421 | (21011620) | 504321.98 | 3633225.90 | 31.09288 | (21013021) |
| 504371.98 | 3633225.90 | 30.33088 | (21120723) | 504421.98 | 3633225.90 | 29.51292 | (20101423) |
| 504471.98 | 3633225.90 | 28.98683 | (20112022) | 504521.98 | 3633225.90 | 29.57035 | (21011323) |
| 504571.98 | 3633225.90 | 29.20242 | (21010102) | 504621.98 | 3633225.90 | 28.62490 | (20011902) |
| 504671.98 | 3633225.90 | 28.64113 | (19022705) | 504721.98 | 3633225.90 | 28.00707 | (21021820) |
| 504771.98 | 3633225.90 | 28.21999 | (21011520) | 504821.98 | 3633225.90 | 27.23970 | (21010522) |

504871.98 3633225.90 26.95306 (19122301) 504921.98
3633225.90 26.46728 (20122923)
504971.98 3633225.90 25.40135 (20100121) 505021.98
3633225.90 26.05343 (21022502)
505071.98 3633225.90 25.11433 (19120104) 505121.98
3633225.90 24.36865 (19112707)
505171.98 3633225.90 24.85192 (20021702) 505221.98
3633225.90 24.37914 (20020804)
502221.98 3633275.90 7.95761 (21111004) 502271.98
3633275.90 7.46054 (19010119)
502321.98 3633275.90 7.51186 (19010119) 502371.98
3633275.90 7.44049 (19010119)
502421.98 3633275.90 7.23905 (19010119) 502471.98
3633275.90 6.91713 (19010119)
502521.98 3633275.90 6.48420 (19010119) 502571.98
3633275.90 7.01681 (21030103)
502621.98 3633275.90 9.13613 (21030103) 502671.98
3633275.90 11.49459 (21030103)
502721.98 3633275.90 13.90535 (21030103) 502771.98
3633275.90 16.26667 (21030103)
502821.98 3633275.90 36.38234 (20122620) 502871.98
3633275.90 27.70951 (21030103)
502921.98 3633275.90 24.66874 (20121603) 502971.98
3633275.90 28.15812 (20121603)
503021.98 3633275.90 34.20253 (20121603) 503071.98
3633275.90 30.22834 (20121603)
503121.98 3633275.90 25.08639 (20121603) 503171.98
3633275.90 29.40909 (21063005)
503221.98 3633275.90 40.07081 (20092124) 503271.98
3633275.90 41.22194 (20082723)
503321.98 3633275.90 44.32443 (20082723) 503371.98
3633275.90 46.16708 (20111701)
503421.98 3633275.90 45.80025 (19081924) 503471.98
3633275.90 40.34302 (21020924)
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3633275.90 34.39527 (20101121)
503721.98 3633275.90 32.57790 (21020203) 503771.98
3633275.90 32.13413 (21020203)
503821.98 3633275.90 32.85714 (20082921) 503871.98
3633275.90 32.37657 (20082921)
503921.98 3633275.90 31.05340 (20080820) 503971.98
3633275.90 32.35399 (20022622)
504021.98 3633275.90 32.57970 (21013120) 504071.98
3633275.90 32.17338 (21011302)
504121.98 3633275.90 32.34717 (19102905) 504171.98
3633275.90 32.05074 (20022403)
504221.98 3633275.90 32.06330 (21011620) 504271.98
3633275.90 32.56666 (21013021)
504321.98 3633275.90 30.91649 (20042404) 504371.98
3633275.90 31.14617 (21120723)

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3633275.90       29.97273  (21010102)                504571.98
3633275.90       30.09558  (20011902)
        504621.98   3633275.90       29.76018  (19022705)                504671.98
3633275.90       29.56807  (21021820)
        504721.98   3633275.90       29.40393  (21011520)                504771.98
3633275.90       28.15798  (19121906)
        504821.98   3633275.90       28.01825  (19122301)                504871.98
3633275.90       27.61824  (20122923)
        504921.98   3633275.90       26.32382  (20100121)                504971.98
3633275.90       27.12922  (21022502)
        505021.98   3633275.90       26.17591  (19120104)                505071.98
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        505221.98   3633275.90       24.39480  (21010922)                502221.98
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        502271.98   3633325.90        8.70300  (21111004)                502321.98
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        502371.98   3633325.90        7.97698  (19010119)                502421.98

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        502571.98   3633325.90        6.97430  (19010119)                502621.98
3633325.90        7.56748  (21030103)
        502671.98   3633325.90        9.89146  (21030103)                502721.98
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        504271.98   3633325.90       33.74929  (21013021)                504321.98
3633325.90       32.39770  (21120723)
        504371.98   3633325.90       31.56532  (20101423)                504421.98
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        504471.98   3633325.90       31.65413  (21011323)                504521.98
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        504571.98   3633325.90       30.51696  (19022705)                504621.98
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        504671.98   3633325.90       30.44903  (21011520)                504721.98
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♠ *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        502421.98   3633575.90       13.66970  (21111004)                502471.98
3633575.90       13.77211  (21111004)
        502521.98   3633575.90       13.59261  (21111004)                502571.98
3633575.90       13.12246  (21111004)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 12.36803 | (21111004) | 502671.98 | 3633575.90 | 11.34652 | (21111004) |
| 504771.98 | 3633575.90 | 33.74991 | (20021702) | 504821.98 | 3633575.90 | 33.32192 | (20081805) |
| 504871.98 | 3633575.90 | 33.84818 | (20081803) | 504921.98 | 3633575.90 | 32.51836 | (20081803) |
| 504971.98 | 3633575.90 | 33.95304 | (20111118) | 505021.98 | 3633575.90 | 31.61180 | (20111118) |
| 505071.98 | 3633575.90 | 29.52210 | (21011418) | 505121.98 | 3633575.90 | 28.83332 | (21120121) |
| 505171.98 | 3633575.90 | 27.89350 | (21021801) | 505221.98 | 3633575.90 | 27.20269 | (21011022) |
| 502221.98 | 3633625.90 | 10.35226 | (21111004) | 502271.98 | 3633625.90 | 11.35520 | (21111004) |
| 502321.98 | 3633625.90 | 12.35885 | (21111004) | 502371.98 | 3633625.90 | 13.26714 | (21111004) |
| 502421.98 | 3633625.90 | 14.03437 | (21111004) | 502471.98 | 3633625.90 | 14.56444 | (21111004) |
| 502521.98 | 3633625.90 | 14.87165 | (21111004) | 502571.98 | 3633625.90 | 14.85555 | (21111004) |
| 502621.98 | 3633625.90 | 14.50448 | (21111004) | 502671.98 | 3633625.90 | 13.79880 | (21111004) |
| 504771.98 | 3633625.90 | 34.79744 | (20081805) | 504821.98 | 3633625.90 | 37.41650 | (20081803) |
| 504871.98 | 3633625.90 | 35.77980 | (20111118) | 504921.98 | 3633625.90 | 35.49951 | (20111118) |
| 504971.98 | 3633625.90 | 34.90146 | (21011418) | 505021.98 | 3633625.90 | 35.85566 | (21011418) |
| 505071.98 | 3633625.90 | 31.65853 | (21011418) | 505121.98 | 3633625.90 | 29.03953 | (21011022) |
| 505171.98 | 3633625.90 | 28.27082 | (20021024) | 505221.98 | 3633625.90 | 28.15720 | (21122302) |
| 502221.98 | 3633675.90 | 9.11143 | (21111004) | 502271.98 | 3633675.90 | 10.23738 | (21111004) |
| 502321.98 | 3633675.90 | 11.43100 | (21111004) | 502371.98 | 3633675.90 | 12.59728 | (21111004) |
| 502421.98 | 3633675.90 | 13.72497 | (21111004) | 502471.98 | 3633675.90 | 14.70137 | (21111004) |
| 502521.98 | 3633675.90 | 15.49185 | (21111004) | 502571.98 | 3633675.90 | 16.00731 | (21111004) |
| 502621.98 | 3633675.90 | 16.19139 | (21111004) | 502671.98 | 3633675.90 | 15.99189 | (21111004) |

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 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:32:02

                                  PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633775.90       17.19631  (21111004)               502671.98
3633775.90       18.30913  (21111004)
        504771.98   3633775.90       50.27719  (21011418)               504821.98
3633775.90       49.62473  (21011418)
        504871.98   3633775.90       44.74820  (21011418)               504921.98
3633775.90       36.92498  (21011418)
        504971.98   3633775.90       34.18300  (20081722)               505021.98
3633775.90       32.69808  (21011724)
        505071.98   3633775.90       32.24775  (21010408)               505121.98
3633775.90       31.19997  (21011720)
        505171.98   3633775.90       30.23301  (21011720)               505221.98
3633775.90       29.29302  (21011221)
        502221.98   3633825.90       16.87620  (21012320)               502271.98
3633825.90       16.44095  (21012320)
        502321.98   3633825.90       15.95126  (21012320)               502371.98
3633825.90       15.24188  (21012320)
        502421.98   3633825.90       14.33082  (21012320)               502471.98
3633825.90       13.24253  (21012320)
        502521.98   3633825.90       12.64483  (21111004)               502571.98
3633825.90       14.43252  (21111004)
        502621.98   3633825.90       16.22909  (21111004)               502671.98
3633825.90       17.92704  (21111004)
        504771.98   3633825.90       54.07406  (21011418)               504821.98
3633825.90       47.16061  (21011418)
        504871.98   3633825.90       37.77679  (20081722)               504921.98
3633825.90       35.37386  (21122302)
        504971.98   3633825.90       34.56257  (21010408)               505021.98
3633825.90       33.42885  (21011720)
        505071.98   3633825.90       32.46544  (21011720)               505121.98
3633825.90       31.54104  (20121406)
        505171.98   3633825.90       31.05052  (20121406)               505221.98
3633825.90       29.48553  (20021305)
        502221.98   3633875.90       18.87604  (21012320)               502271.98
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3633875.90       18.96516  (21012320)
        502321.98   3633875.90       19.00391  (21012320)                502371.98
3633875.90       18.71176  (21012320)
        502421.98   3633875.90       18.23776  (21012320)                502471.98
3633875.90       17.47190  (21012320)
        502521.98   3633875.90       16.53074  (21012320)                502571.98
3633875.90       15.36020  (21012320)
        502621.98   3633875.90       14.34416  (21111004)                502671.98
3633875.90       16.42524  (21111004)
        504771.98   3633875.90       48.34945  (20081722)                504821.98
3633875.90       41.94486  (20081722)
        504871.98   3633875.90       37.25071  (21010408)                504921.98
3633875.90       36.22205  (21010408)
        504971.98   3633875.90       35.05637  (21011720)                505021.98
3633875.90       34.06210  (20121406)
        505071.98   3633875.90       33.26847  (20121406)                505121.98
3633875.90       31.76276  (20021305)
        505171.98   3633875.90       31.39280  (20021723)                505221.98
3633875.90       30.66964  (19011606)
        502221.98   3633925.90       19.69531  (21012320)                502271.98
3633925.90       20.38207  (21012320)
        502321.98   3633925.90       20.98132  (21012320)                502371.98
3633925.90       21.29613  (21012320)
        502421.98   3633925.90       21.50729  (21012320)                502471.98
3633925.90       21.36259  (21012320)
        502521.98   3633925.90       20.97816  (21012320)                502571.98
3633925.90       20.28582  (21012320)
        502621.98   3633925.90       19.27673  (21012320)                502671.98
3633925.90       17.93923  (21012320)
        504771.98   3633925.90       45.55785  (21091121)                504821.98
3633925.90       41.13243  (20080422)
        504871.98   3633925.90       38.17227  (21011720)                504921.98
3633925.90       36.90962  (20121406)
        504971.98   3633925.90       35.83890  (20121406)                505021.98
3633925.90       34.51535  (20021723)
        505071.98   3633925.90       33.81584  (20021723)                505121.98
3633925.90       33.20890  (19011606)
        505171.98   3633925.90       32.12347  (20081804)                505221.98
3633925.90       32.14615  (20081804)
        502221.98   3633975.90       19.11864  (21012320)                502271.98
3633975.90       20.22109  (21012320)
        502321.98   3633975.90       21.37777  (21012320)                502371.98
3633975.90       22.45252  (21012320)
        502421.98   3633975.90       23.34966  (21012320)                502471.98
3633975.90       24.01336  (21012320)
        502521.98   3633975.90       24.44906  (21012320)                502571.98
3633975.90       24.55044  (21012320)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 24.32246 | (21012320) | 502671.98 | 3633975.90 | 23.66050 | (21012320) |
| 504771.98 | 3633975.90 | 44.67984 | (20080422) | 504821.98 | 3633975.90 | 42.89967 | (20072623) |
| 504871.98 | 3633975.90 | 40.09272 | (20072623) | 504921.98 | 3633975.90 | 37.57122 | (20021723) |
| 504971.98 | 3633975.90 | 36.80529 | (19011606) | 505021.98 | 3633975.90 | 35.75770 | (19011606) |
| 505071.98 | 3633975.90 | 34.07154 | (20012223) | 505121.98 | 3633975.90 | 33.74375 | (19121305) |
| 505171.98 | 3633975.90 | 32.64386 | (19121305) | 505221.98 | 3633975.90 | 31.73769 | (20082223) |
| 502221.98 | 3634025.90 | 17.18620 | (21012320) | 502271.98 | 3634025.90 | 18.58724 | (21012320) |
| 502321.98 | 3634025.90 | 20.13132 | (21012320) | 502371.98 | 3634025.90 | 21.71876 | (21012320) |
| 502421.98 | 3634025.90 | 23.23602 | (21012320) | 502471.98 | 3634025.90 | 24.66339 | (21012320) |
| 502521.98 | 3634025.90 | 25.95480 | (21012320) | 502571.98 | 3634025.90 | 27.04616 | (21012320) |
| 502621.98 | 3634025.90 | 27.87889 | (21012320) | 502671.98 | 3634025.90 | 28.32008 | (21012320) |
| 504771.98 | 3634025.90 | 44.45743 | (20090223) | 504821.98 | 3634025.90 | 45.27040 | (20081804) |

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        504871.98   3634025.90       43.53817  (20081804)                504921.98
3634025.90       39.79335  (20081804)
        504971.98   3634025.90       37.66716  (19121305)                505021.98
3634025.90       36.35933  (19121305)
        505071.98   3634025.90       34.01174  (19121305)                505121.98
3634025.90       33.46549  (19011923)
        505171.98   3634025.90       32.30428  (19011923)                505221.98
3634025.90       31.32744  (19012803)
        502221.98   3634075.90       14.21663  (21012320)                502271.98
3634075.90       15.74089  (21012320)
        502321.98   3634075.90       17.42191  (21012320)                502371.98
3634075.90       19.20417  (21012320)
        502421.98   3634075.90       21.05828  (21012320)                502471.98
3634075.90       23.00436  (21012320)
        502521.98   3634075.90       25.00424  (21012320)                502571.98
3634075.90       27.01561  (21012320)
        502621.98   3634075.90       28.85034  (21012320)                502671.98
3634075.90       30.54078  (21012320)
        504771.98   3634075.90       50.64902  (20081804)                504821.98
3634075.90       48.28583  (20081804)
        504871.98   3634075.90       41.27907  (19121305)                504921.98
3634075.90       38.58647  (19121305)
        504971.98   3634075.90       37.60369  (19011923)                505021.98
3634075.90       36.11892  (19011923)
        505071.98   3634075.90       34.86363  (19012803)                505121.98
3634075.90       33.63986  (21121821)
        505171.98   3634075.90       32.59366  (21121821)                505221.98
3634075.90       31.82271  (20121224)
        502221.98   3634125.90       14.98586  (19083104)                502271.98
3634125.90       15.21004  (19083104)
        502321.98   3634125.90       15.35554  (19083104)                502371.98
3634125.90       15.59551  (21012320)
        502421.98   3634125.90       17.50102  (21012320)                502471.98
3634125.90       19.57778  (21012320)
        502521.98   3634125.90       21.80977  (21012320)                502571.98
3634125.90       24.19015  (21012320)
        502621.98   3634125.90       26.81453  (21012320)                502671.98
3634125.90       29.46546  (21012320)
        504771.98   3634125.90       44.70764  (20082223)                504821.98
3634125.90       42.26706  (20082223)
        504871.98   3634125.90       40.33855  (19012803)                504921.98
3634125.90       39.01061  (19012803)
        504971.98   3634125.90       37.87463  (21121821)                505021.98
3634125.90       36.50462  (20121224)
        505071.98   3634125.90       35.24284  (20121224)                505121.98
3634125.90       33.83669  (20020703)
        505171.98   3634125.90       32.90509  (20020703)                505221.98
3634125.90       31.66738  (20020703)
        502221.98   3634175.90       16.55562  (19083104)                502271.98
3634175.90       17.08332  (19083104)
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3634225.90 19.54231 (19083104)
502421.98 3634225.90 20.38039 (19083104) 502471.98
3634225.90 21.20562 (19083104)
502521.98 3634225.90 22.00155 (19083104) 502571.98
3634225.90 22.81470 (19083104)
502621.98 3634225.90 23.58594 (19083104) 502671.98
3634225.90 24.33441 (19083104)
504771.98 3634225.90 44.65077 (20020703) 504821.98
3634225.90 42.17308 (20020703)
504871.98 3634225.90 40.32758 (21122121) 504921.98
3634225.90 39.74872 (21122121)
504971.98 3634225.90 38.69582 (21122121) 505021.98
3634225.90 37.45606 (21122121)
505071.98 3634225.90 36.23898 (20121803) 505121.98
3634225.90 35.18057 (20121803)
505171.98 3634225.90 34.01070 (20121803) 505221.98
3634225.90 33.06566 (20121803)
502221.98 3634275.90 16.14916 (19083104) 502271.98
3634275.90 17.05378 (19083104)
502321.98 3634275.90 18.07294 (19083104) 502371.98
3634275.90 19.21750 (19083104)
502421.98 3634275.90 20.32026 (19083104) 502471.98
3634275.90 21.46842 (19083104)
502521.98 3634275.90 22.67918 (19083104) 502571.98
3634275.90 23.93734 (19083104)
502621.98 3634275.90 25.27145 (19083104) 502671.98
3634275.90 26.64976 (19083104)
504771.98 3634275.90 45.65224 (21122121) 504821.98
3634275.90 44.13125 (20121803)
504871.98 3634275.90 42.53382 (20121803) 504921.98
3634275.90 40.61288 (20121803)
504971.98 3634275.90 38.88372 (21122201) 505021.98
3634275.90 37.44733 (21122201)
505071.98 3634275.90 35.81206 (21122201) 505121.98
3634275.90 34.59058 (19021906)
505171.98 3634275.90 33.35217 (19021906) 505221.98
3634275.90 32.53135 (19021906)
502221.98 3634325.90 14.16659 (19083104) 502271.98
3634325.90 15.09728 (19083104)
502321.98 3634325.90 16.09179 (19083104) 502371.98
3634325.90 17.16956 (19083104)
502421.98 3634325.90 18.32963 (19083104) 502471.98
3634325.90 19.57187 (19083104)
502521.98 3634325.90 20.92690 (19083104) 502571.98
3634325.90 22.38839 (19083104)
502621.98 3634325.90 23.96712 (19083104) 502671.98
3634325.90 25.69872 (19083104)
504771.98 3634325.90 45.36663 (19021906) 504821.98
3634325.90 43.41849 (19021906)
504871.98 3634325.90 41.34357 (19021906) 504921.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634375.90       20.54154  (19083104)                502671.98
3634375.90       22.10983  (19083104)
        504771.98   3634375.90       45.65725  (20013123)                504821.98
3634375.90       43.25776  (20013123)
        504871.98   3634375.90       41.00213  (20013123)                504921.98
3634375.90       38.92682  (21013019)

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        504971.98   3634375.90       37.78126  (20092120)              505021.98
3634375.90       36.55231  (21013019)
        505071.98   3634375.90       35.28528  (21013019)              505121.98
3634375.90       35.86447  (20092120)
        505171.98   3634375.90       34.17535  (20092120)              505221.98
3634375.90       33.04625  (20092120)
        502221.98   3634425.90       16.34625  (21021102)              502271.98
3634425.90       17.09861  (21021102)
        502321.98   3634425.90       17.88844  (21021102)              502371.98
3634425.90       18.73968  (21021102)
        502421.98   3634425.90       19.66854  (21021102)              502471.98
3634425.90       20.65229  (21021102)
        502521.98   3634425.90       21.74564  (21021102)              502571.98
3634425.90       22.92099  (21021102)
        502621.98   3634425.90       24.20841  (21021102)              502671.98
3634425.90       25.60593  (21021102)
        504771.98   3634425.90       46.13317  (19122101)              504821.98
3634425.90       44.18170  (19122101)
        504871.98   3634425.90       44.81163  (20082306)              504921.98
3634425.90       46.66571  (20082306)
        504971.98   3634425.90       42.04550  (20082306)              505021.98
3634425.90       39.83725  (20082306)
        505071.98   3634425.90       40.01673  (20082306)              505121.98
3634425.90       39.44869  (20082306)
        505171.98   3634425.90       37.10552  (20082306)              505221.98
3634425.90       35.09666  (20082306)
        502221.98   3634475.90       19.75979  (21021102)              502271.98
3634475.90       20.69968  (21021102)
        502321.98   3634475.90       21.70482  (21021102)              502371.98
3634475.90       22.78903  (21021102)
        502421.98   3634475.90       23.95955  (21021102)              502471.98
3634475.90       25.21808  (21021102)
        502521.98   3634475.90       26.61221  (21021102)              502571.98
3634475.90       28.11567  (21021102)
        502621.98   3634475.90       29.75510  (21021102)              502671.98
3634475.90       31.55434  (21021102)
        504771.98   3634475.90       44.85489  (21021007)              504821.98
3634475.90       43.01028  (20082306)
        504871.98   3634475.90       47.77943  (20082306)              504921.98
3634475.90       54.19858  (20082306)
        504971.98   3634475.90       50.42929  (20082306)              505021.98
3634475.90       48.05306  (20082306)
        505071.98   3634475.90       46.84347  (20082306)              505121.98
3634475.90       44.30694  (20082306)
        505171.98   3634475.90       41.37929  (20082306)              505221.98
3634475.90       38.84179  (20082306)
        502221.98   3634525.90       21.59256  (21021102)              502271.98
3634525.90       22.55943  (21021102)
        502321.98   3634525.90       23.59914  (21021102)              502371.98
3634525.90       24.71907  (21021102)
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        502421.98   3634525.90       25.91260  (21021102)                502471.98
3634525.90       27.20199  (21021102)
        502521.98   3634525.90       28.58616  (21021102)                502571.98
3634525.90       30.09588  (21021102)
        502621.98   3634525.90       31.72505  (21021102)                502671.98
3634525.90       33.53046  (21021102)
        504771.98   3634525.90       47.40184  (20041201)                504821.98
3634525.90       43.92672  (20041201)
        504871.98   3634525.90       46.48529  (20041201)                504921.98
3634525.90       51.59252  (20041201)
        504971.98   3634525.90       51.22480  (20011720)                505021.98
3634525.90       47.92322  (20011720)
        505071.98   3634525.90       45.02949  (20011720)                505121.98
3634525.90       40.75665  (20011720)
        505171.98   3634525.90       36.92099  (20011720)                505221.98
3634525.90       34.07798  (20011720)
        502221.98   3634575.90       21.35160  (21021102)                502271.98
3634575.90       22.13931  (21021102)
        502321.98   3634575.90       23.00012  (21021102)                502371.98
3634575.90       23.91946  (21021102)
        502421.98   3634575.90       24.89314  (21021102)                502471.98
3634575.90       25.92483  (21021102)
        502521.98   3634575.90       27.00591  (21021102)                502571.98
3634575.90       28.15444  (21021102)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

| Y-COORD (M) | | CONC | (YYMMDDHH) | | |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 29.37195 | (21021102) | 502671.98 | 3634575.90 | 30.68250 | (21021102) |
| 504771.98 | 3634575.90 | 64.41320 | (20041201) | 504821.98 | 3634575.90 | 60.59423 | (20041201) |
| 504871.98 | 3634575.90 | 63.26216 | (20041201) | 504921.98 | 3634575.90 | 63.68414 | (20041201) |
| 504971.98 | 3634575.90 | 60.77168 | (20041201) | 505021.98 | 3634575.90 | 57.22847 | (20041201) |
| 505071.98 | 3634575.90 | 53.53119 | (20041201) | 505121.98 | 3634575.90 | 49.77707 | (20041201) |
| 505171.98 | 3634575.90 | 43.26032 | (20041201) | 505221.98 | 3634575.90 | 39.58057 | (20041201) |
| 502221.98 | 3634625.90 | 19.07658 | (21021102) | 502271.98 | 3634625.90 | 19.61259 | (21021102) |
| 502321.98 | 3634625.90 | 20.12468 | (21021102) | 502371.98 | 3634625.90 | 20.69018 | (21021102) |
| 502421.98 | 3634625.90 | 21.26764 | (21021102) | 502471.98 | 3634625.90 | 21.86084 | (21021102) |
| 502521.98 | 3634625.90 | 22.48602 | (21021102) | 502571.98 | 3634625.90 | 23.08566 | (21021102) |
| 502621.98 | 3634625.90 | 23.69092 | (21021102) | 502671.98 | 3634625.90 | 24.28540 | (21021102) |
| 504771.98 | 3634625.90 | 66.50299 | (20081806) | 504821.98 | 3634625.90 | 59.09623 | (20081806) |
| 504871.98 | 3634625.90 | 57.60382 | (20041201) | 504921.98 | 3634625.90 | 57.11913 | (20041201) |
| 504971.98 | 3634625.90 | 57.07340 | (20041201) | 505021.98 | 3634625.90 | 55.13634 | (20041201) |
| 505071.98 | 3634625.90 | 52.11908 | (20041201) | 505121.98 | 3634625.90 | 49.62744 | (20041201) |
| 505171.98 | 3634625.90 | 42.89615 | (20041201) | 505221.98 | 3634625.90 | 39.71313 | (20041201) |
| 502221.98 | 3634675.90 | 15.43286 | (21021102) | 502271.98 | 3634675.90 | 15.67821 | (21021102) |
| 502321.98 | 3634675.90 | 16.28769 | (19101801) | 502371.98 | 3634675.90 | 17.13525 | (19050903) |
| 502421.98 | 3634675.90 | 18.65328 | (19050903) | 502471.98 | 3634675.90 | 20.29418 | (19050903) |
| 502521.98 | 3634675.90 | 22.06046 | (19050903) | 502571.98 | 3634675.90 | 23.96293 | (19050903) |
| 502621.98 | 3634675.90 | 25.98836 | (19050903) | 502671.98 | 3634675.90 | 28.11409 | (19050903) |
| 504771.98 | 3634675.90 | 68.95744 | (21012820) | 504821.98 | 3634675.90 | 64.48868 | (21012820) |
| 504871.98 | 3634675.90 | 60.03723 | (20081806) | 504921.98 | 3634675.90 | 57.73344 | (20081806) |
| 504971.98 | 3634675.90 | 56.03926 | (20081806) | 505021.98 | | | |

3634675.90       53.40404  (20081806)
        505071.98   3634675.90       47.84891  (20081806)                505121.98
3634675.90       43.78370  (20081806)
        505171.98   3634675.90       37.53464  (20081806)                505221.98
3634675.90       33.26248  (20041201)
        502221.98   3634725.90       16.25987  (19050903)                502271.98
3634725.90       17.49756  (19050903)
        502321.98   3634725.90       18.77460  (19050903)                502371.98
3634725.90       20.14117  (19050903)
        502421.98   3634725.90       21.60049  (19050903)                502471.98
3634725.90       23.09483  (19050903)
        502521.98   3634725.90       24.61520  (19050903)                502571.98
3634725.90       26.18377  (19050903)
        502621.98   3634725.90       27.73958  (19050903)                502671.98
3634725.90       29.27920  (19050903)
        504771.98   3634725.90       65.76678  (20082303)                504821.98
3634725.90       69.68060  (21012820)
        504871.98   3634725.90       68.28590  (21012820)                504921.98
3634725.90       56.18510  (21032601)
        504971.98   3634725.90       54.68371  (20081806)                505021.98
3634725.90       52.34538  (20081806)
        505071.98   3634725.90       49.04044  (20081806)                505121.98
3634725.90       46.19826  (20081806)
        505171.98   3634725.90       40.52707  (20081806)                505221.98
3634725.90       37.89501  (20081806)
        502221.98   3634775.90       18.32409  (19050903)                502271.98
3634775.90       19.40904  (19050903)
        502321.98   3634775.90       20.45028  (19050903)                502371.98
3634775.90       21.52415  (19050903)
        502421.98   3634775.90       22.58913  (19050903)                502471.98
3634775.90       23.63666  (19050903)
        502521.98   3634775.90       24.66751  (19050903)                502571.98
3634775.90       25.55765  (19050903)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026

, L0000027    , L0000028    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 26.33692 | (19050903) | 502671.98 | 3634775.90 | 26.96859 | (19050903) |
| 504771.98 | 3634775.90 | 56.73396 | (20082303) | 504821.98 | 3634775.90 | 64.56591 | (20081401) |
| 504871.98 | 3634775.90 | 68.15628 | (20081401) | 504921.98 | 3634775.90 | 51.50858 | (19022319) |
| 504971.98 | 3634775.90 | 49.10390 | (19022319) | 505021.98 | 3634775.90 | 42.22924 | (19022319) |
| 505071.98 | 3634775.90 | 39.84625 | (20081806) | 505121.98 | 3634775.90 | 39.78844 | (20081806) |
| 505171.98 | 3634775.90 | 36.02383 | (20081806) | 505221.98 | 3634775.90 | 34.40133 | (20081806) |
| 502221.98 | 3634825.90 | 18.95726 | (19050903) | 502271.98 | 3634825.90 | 19.69917 | (19050903) |
| 502321.98 | 3634825.90 | 20.37820 | (19050903) | 502371.98 | 3634825.90 | 20.99594 | (19050903) |
| 502421.98 | 3634825.90 | 21.50902 | (19050903) | 502471.98 | 3634825.90 | 21.90245 | (19050903) |
| 502521.98 | 3634825.90 | 22.25232 | (19050903) | 502571.98 | 3634825.90 | 22.39888 | (19050903) |
| 502621.98 | 3634825.90 | 22.35749 | (19050903) | 502671.98 | 3634825.90 | 22.11120 | (19050903) |
| 504771.98 | 3634825.90 | 35.06972 | (20082303) | 504821.98 | 3634825.90 | 59.92282 | (19042006) |
| 504871.98 | 3634825.90 | 53.04180 | (19042006) | 504921.98 | 3634825.90 | 47.46361 | (19030607) |
| 504971.98 | 3634825.90 | 40.64615 | (20082303) | 505021.98 | 3634825.90 | 35.39399 | (20082303) |
| 505071.98 | 3634825.90 | 35.12976 | (19022319) | 505121.98 | 3634825.90 | 34.63600 | (19022319) |
| 505171.98 | 3634825.90 | 31.00791 | (19022319) | 505221.98 | 3634825.90 | 28.79097 | (19022319) |
| 502221.98 | 3634875.90 | 18.05302 | (19050903) | 502271.98 | 3634875.90 | 18.35040 | (19050903) |
| 502321.98 | 3634875.90 | 18.55744 | (19050903) | 502371.98 | 3634875.90 | 18.66195 | (19050903) |
| 502421.98 | 3634875.90 | 18.63927 | (19050903) | 502471.98 | 3634875.90 | 18.47765 | (19050903) |

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        502521.98   3634875.90       18.16649  (19050903)                502571.98
3634875.90       17.69719  (19050903)
        502621.98   3634875.90       17.18916  (20021724)                502671.98
3634875.90       20.19154  (20021724)
        504771.98   3634875.90       22.62445  (20082303)                504821.98
3634875.90       42.45090  (21122106)
        504871.98   3634875.90       45.91141  (19042006)                504921.98
3634875.90       47.10221  (19030607)
        504971.98   3634875.90       40.08801  (20082024)                505021.98
3634875.90       33.23555  (19030607)
        505071.98   3634875.90       30.24169  (20082303)                505121.98
3634875.90       30.63950  (20082303)
        505171.98   3634875.90       28.79566  (20082303)                505221.98
3634875.90       28.01286  (19022319)
        502221.98   3634925.90       15.86026  (19050903)                502271.98
3634925.90       15.74796  (19050903)
        502321.98   3634925.90       15.53128  (19050903)                502371.98
3634925.90       15.20097  (19050903)
        502421.98   3634925.90       14.75439  (19050903)                502471.98
3634925.90       14.55518  (19022707)
        502521.98   3634925.90       16.16393  (20021724)                502571.98
3634925.90       18.71223  (20021724)
        502621.98   3634925.90       21.43110  (20021724)                502671.98
3634925.90       24.26104  (20021724)
        504771.98   3634925.90       11.85414  (20082303)                504821.98
3634925.90       38.60953  (20010802)
        504871.98   3634925.90       50.43794  (19022007)                504921.98
3634925.90       45.77063  (20121617)
        504971.98   3634925.90       42.03410  (20082024)                505021.98
3634925.90       35.54015  (20082024)
        505071.98   3634925.90       30.67665  (20082024)                505121.98
3634925.90       29.33107  (20082024)
        505171.98   3634925.90       27.93635  (19030607)                505221.98
3634925.90       27.20304  (20082303)
        502221.98   3634975.90       12.90761  (19050903)                502271.98
3634975.90       12.49664  (19050903)
        502321.98   3634975.90       12.54817  (19022707)                502371.98
3634975.90       13.36756  (19022707)
        502421.98   3634975.90       15.21153  (20021724)                502471.98
3634975.90       17.38643  (20021724)
        502521.98   3634975.90       19.68479  (20021724)                502571.98
3634975.90       22.01976  (20021724)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:32:02

                                  PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 24.31127 | (20021724) | 502671.98 | 3634975.90 | 28.42603 | (21011719) |
| 504821.98 | 3634975.90 | 38.59875 | (20011806) | 504871.98 | 3634975.90 | 50.06574 | (20010802) |
| 504921.98 | 3634975.90 | 46.68822 | (20082106) | 504971.98 | 3634975.90 | 42.03477 | (20082106) |
| 505021.98 | 3634975.90 | 35.36949 | (20082024) | 505071.98 | 3634975.90 | 32.44204 | (20082024) |
| 505121.98 | 3634975.90 | 33.50904 | (20082024) | 505171.98 | 3634975.90 | 32.05905 | (20082024) |
| 505221.98 | 3634975.90 | 29.85164 | (20082024) | 502221.98 | 3635025.90 | 11.64086 | (19022707) |
| 502271.98 | 3635025.90 | 12.56378 | (20021724) | 502321.98 | 3635025.90 | 14.32917 | (20021724) |
| 502371.98 | 3635025.90 | 16.20477 | (20021724) | 502421.98 | 3635025.90 | 18.15643 | (20021724) |
| 502471.98 | 3635025.90 | 20.11810 | (20021724) | 502521.98 | 3635025.90 | 22.01807 | (20021724) |
| 502571.98 | 3635025.90 | 25.61975 | (21011719) | 502621.98 | 3635025.90 | 29.80690 | (21011719) |
| 502671.98 | 3635025.90 | 33.43698 | (21011719) | 504871.98 | 3635025.90 | 43.33209 | (21122806) |
| 504921.98 | 3635025.90 | 46.95105 | (20092620) | 504971.98 | 3635025.90 | 48.66843 | (20082106) |
| 505021.98 | 3635025.90 | 41.43533 | (20082106) | 505071.98 | 3635025.90 | 35.54595 | (20082106) |
| 505121.98 | 3635025.90 | 34.30894 | (20041202) | 505171.98 | 3635025.90 | 33.82949 | (20082024) |
| 505221.98 | 3635025.90 | 32.73389 | (20082024) | 502221.98 | | | |

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3635075.90       13.50756  (20021724)
        502271.98   3635075.90       15.13685  (20021724)                502321.98
3635075.90       16.80469  (20021724)
        502371.98   3635075.90       18.46747  (20021724)                502421.98
3635075.90       20.05603  (20021724)
        502471.98   3635075.90       23.24966  (21011719)                502521.98
3635075.90       26.89867  (21011719)
        502571.98   3635075.90       30.09042  (21011719)                502621.98
3635075.90       32.44184  (21011719)
        502671.98   3635075.90       33.60741  (21011719)                504921.98
3635075.90       45.42513  (20092620)
        504971.98   3635075.90       49.61587  (20092620)                505021.98
3635075.90       45.27730  (20082106)
        505071.98   3635075.90       43.58982  (20082106)                505121.98
3635075.90       41.33881  (20082106)
        505171.98   3635075.90       38.01023  (20041904)                505221.98
3635075.90       34.00503  (20041904)
        502221.98   3635125.90       15.60361  (20021724)                502271.98
3635125.90       17.02863  (20021724)
        502321.98   3635125.90       18.36976  (20021724)                502371.98
3635125.90       21.22618  (21011719)
        502421.98   3635125.90       24.42875  (21011719)                502471.98
3635125.90       27.24815  (21011719)
        502521.98   3635125.90       29.37659  (21011719)                502571.98
3635125.90       30.51936  (21011719)
        502621.98   3635125.90       30.46378  (21011719)                502671.98
3635125.90       29.13229  (21011719)
        505021.98   3635125.90       48.97803  (20092620)                505071.98
3635125.90       45.75411  (20092620)
        505121.98   3635125.90       39.91259  (20082106)                505171.98
3635125.90       35.35660  (20082106)
        505221.98   3635125.90       38.33383  (20082106)                502221.98
3635175.90       16.90042  (20021724)
        502271.98   3635175.90       19.48297  (21011719)                502321.98
3635175.90       22.31168  (21011719)
        502371.98   3635175.90       24.82018  (21011719)                502421.98
3635175.90       26.74793  (21011719)
        502471.98   3635175.90       27.84988  (21011719)                502521.98
3635175.90       27.94281  (21011719)
        502571.98   3635175.90       26.94812  (21011719)                502621.98
3635175.90       25.05734  (20022207)
        502671.98   3635175.90       28.78804  (20022207)                505121.98
3635175.90       32.15877  (21122806)
        505171.98   3635175.90       33.57280  (21122806)                505221.98
3635175.90       33.86231  (21122806)
        502221.98   3635225.90       20.47783  (21011719)                502271.98
3635225.90       22.72770  (21011719)
        502321.98   3635225.90       24.48453  (21011719)                502371.98
3635225.90       25.54393  (21011719)
        502421.98   3635225.90       25.74495  (21011719)                502471.98
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*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 23.35133 | (21011719) | 502571.98 | 3635225.90 | 24.91583 | (20022207) |
| 502621.98 | 3635225.90 | 28.00059 | (20022207) | 502671.98 | 3635225.90 | 30.41583 | (20022207) |
| 502221.98 | 3635275.90 | 29.14755 | (21011719) | 502271.98 | 3635275.90 | 23.52396 | (21011719) |
| 502321.98 | 3635275.90 | 24.10943 | (21011719) | 502371.98 | 3635275.90 | 24.35142 | (21011719) |
| 502421.98 | 3635275.90 | 22.57397 | (21011719) | 502471.98 | 3635275.90 | 21.60762 | (20022207) |
| 502521.98 | 3635275.90 | 26.51149 | (20022207) | 502571.98 | 3635275.90 | 27.03354 | (20022207) |
| 502621.98 | 3635275.90 | 28.78007 | (20022207) | 502671.98 | 3635275.90 | 29.55277 | (20022207) |
| 502221.98 | 3635325.90 | 36.71177 | (21011719) | 502271.98 | 3635325.90 | 22.13466 | (21011719) |
| 502321.98 | 3635325.90 | 26.24886 | (21011719) | 502371.98 | 3635325.90 | 26.27286 | (21011719) |
| 502421.98 | 3635325.90 | 27.75106 | (19013101) | 502471.98 | 3635325.90 | 30.18031 | (19013101) |

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        502521.98   3635325.90       31.01486  (20022207)               502571.98
3635325.90       28.92582  (20022207)
        502621.98   3635325.90       28.41539  (20022207)               502671.98
3635325.90       27.49171  (20022207)
        502221.98   3635375.90       31.60631  (21011719)               502271.98
3635375.90       23.52758  (21011719)
        502321.98   3635375.90       23.78675  (19013101)               502371.98
3635375.90       30.12862  (21040223)
        502421.98   3635375.90       32.28369  (21052423)               502471.98
3635375.90       33.41351  (19013101)
        502521.98   3635375.90       31.09798  (20022207)               502571.98
3635375.90       30.04212  (20122320)
        502621.98   3635375.90       30.58082  (21012023)               502671.98
3635375.90       31.10127  (21012023)
        502221.98   3635425.90       31.56865  (21052423)               502271.98
3635425.90       23.15364  (19013101)
        502321.98   3635425.90       27.20837  (19013101)               502371.98
3635425.90       29.69084  (19013101)
        502421.98   3635425.90       31.47513  (19012005)               502471.98
3635425.90       35.11730  (19012005)
        502521.98   3635425.90       33.84747  (20122320)               502571.98
3635425.90       34.09401  (21012023)
        502621.98   3635425.90       34.84711  (21012023)               502671.98
3635425.90       33.37964  (21012023)
        504771.98   3635425.90       23.93859  (21012617)               502221.98
3635475.90       30.69440  (21052423)
        502271.98   3635475.90       28.17355  (19013101)               502321.98
3635475.90       29.08114  (19013101)
        502371.98   3635475.90       31.30585  (19012005)               502421.98
3635475.90       33.47414  (19012005)
        502471.98   3635475.90       36.71722  (19083024)               502521.98
3635475.90       33.83730  (21012023)
        502571.98   3635475.90       34.31882  (21012023)               502621.98
3635475.90       33.07188  (21012023)
        502671.98   3635475.90       32.19739  (20122721)               504771.98
3635475.90       42.80805  (21122618)
        504821.98   3635475.90       35.72606  (21122618)               504871.98
3635475.90       34.34207  (21122618)
        504921.98   3635475.90       29.61841  (21012617)               502221.98
3635525.90       32.51148  (21031323)
        502271.98   3635525.90       29.34265  (19012005)               502321.98
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        502371.98   3635525.90       31.21710  (19012005)               502421.98
3635525.90       31.99901  (19083024)
        502471.98   3635525.90       33.95134  (20071201)               502521.98
3635525.90       33.45156  (21012023)
        502571.98   3635525.90       32.12857  (21012023)               502621.98
3635525.90       31.89001  (21110406)
        502671.98   3635525.90       35.89167  (20070801)               502721.98
3635525.90       37.66299  (20070801)
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        502871.98   3635525.90       41.81354  (20070802)                502921.98
3635525.90       44.03697  (19091321)
        502971.98   3635525.90       46.76355  (19091321)                503021.98
3635525.90       49.22260  (20042421)
        503071.98   3635525.90       47.12401  (20042421)                503121.98
3635525.90       29.91544  (19121706)
        503171.98   3635525.90       26.97379  (19121706)                503221.98
3635525.90       42.30163  (20110924)
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        503271.98   3635525.90       47.52606  (20091222)                503321.98
3635525.90       47.34648  (19111601)
        503371.98   3635525.90       50.88242  (20033120)                503421.98
3635525.90       52.97633  (20101023)
        503471.98   3635525.90       57.92554  (20101023)                503521.98
3635525.90       57.19353  (19031924)
        503571.98   3635525.90       54.95703  (19031924)                503621.98
3635525.90       47.49650  (21021806)
        503671.98   3635525.90       46.44948  (19101219)                503721.98
3635525.90       50.18920  (19101219)
        503771.98   3635525.90       52.84626  (20071102)                503821.98
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        503971.98   3635525.90       60.37848  (19122420)                504021.98
3635525.90       50.03168  (20092001)
        504071.98   3635525.90       29.46815  (21013118)                504121.98
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3635525.90       28.59978  (21013118)
        504271.98   3635525.90       23.54341  (21013118)                504321.98
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        504371.98   3635525.90       11.50920  (21013118)                504421.98
3635525.90       12.39412  (20040223)
        504471.98   3635525.90       14.82687  (20040223)                504521.98
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        504571.98   3635525.90       22.83609  (20011620)                504621.98
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        504671.98   3635525.90       29.91416  (20011620)                504721.98
3635525.90       37.75659  (21090701)
        504771.98   3635525.90       41.73955  (21122618)                504821.98
3635525.90       43.78379  (21122618)
        504871.98   3635525.90       40.89213  (21122618)                504921.98
3635525.90       28.89067  (21122618)
        504971.98   3635525.90       28.46437  (21012617)                505021.98
3635525.90       30.86946  (19102623)
        505071.98   3635525.90       34.59512  (19102623)                505121.98
3635525.90       35.17347  (19102623)
        505171.98   3635525.90       32.82265  (19102623)                505221.98
3635525.90       26.52314  (19102623)
        502221.98   3635575.90       34.12311  (19012005)                502271.98
3635575.90       32.01210  (19012005)
        502321.98   3635575.90       30.49850  (19012005)                502371.98
3635575.90       31.48545  (20071201)
        502421.98   3635575.90       32.61226  (20071201)                502471.98
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        502521.98   3635575.90       30.18087  (21012023)                502571.98
3635575.90       30.40306  (21110406)
        502621.98   3635575.90       33.88371  (20070801)                502671.98
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        502721.98   3635575.90       36.70069  (20070802)                502771.98
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        502821.98   3635575.90       41.21690  (20070802)                502871.98
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        503021.98   3635575.90       50.98542  (20042421)                503071.98
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        503121.98   3635575.90       27.15481  (19121706)                503171.98
3635575.90       22.92687  (19121706)
        503221.98   3635575.90       49.24543  (19073101)                503271.98
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3635575.90       52.22532  (20091222)
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3635575.90       54.91445  (20101023)
        503521.98   3635575.90       55.15833  (19031924)                503571.98
3635575.90       56.20358  (20090823)
        503621.98   3635575.90       51.15985  (21081004)                503671.98
3635575.90       50.17339  (19101219)
        503721.98   3635575.90       51.02626  (19101219)                503771.98
3635575.90       51.04557  (20071102)
        503821.98   3635575.90       46.87102  (20071102)                503871.98
3635575.90       45.55062  (19013104)
        503921.98   3635575.90       56.17795  (19122420)                503971.98
3635575.90       58.36975  (19122420)
        504021.98   3635575.90       20.67556  (20092001)                504071.98
3635575.90       24.50723  (21013118)
        504121.98   3635575.90       30.20299  (21013118)                504171.98
3635575.90       32.71169  (21013118)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504221.98   3635575.90       29.03547  (21013118)                504271.98
3635575.90       24.22439  (21013118)

504321.98 3635575.90 18.69943 (21013118) 504371.98 3635575.90 13.07992 (21013118)
504421.98 3635575.90 10.05664 (20040223) 504471.98 3635575.90 12.45528 (20040223)
504521.98 3635575.90 14.57431 (20011620) 504571.98 3635575.90 17.86201 (20011620)
504621.98 3635575.90 24.45209 (20011620) 504671.98 3635575.90 27.46396 (20011620)
504721.98 3635575.90 30.15592 (20011620) 504771.98 3635575.90 34.54844 (21122618)
504821.98 3635575.90 41.10141 (21122618) 504871.98 3635575.90 41.07684 (21122618)
504921.98 3635575.90 26.98559 (21122618) 504971.98 3635575.90 31.91012 (21122618)
505021.98 3635575.90 29.20630 (20091421) 505071.98 3635575.90 28.13433 (19102623)
505121.98 3635575.90 35.60191 (19102623) 505171.98 3635575.90 32.65849 (19102623)
505221.98 3635575.90 35.06633 (19102623) 502221.98 3635625.90 33.21645 (19012005)
502271.98 3635625.90 33.64297 (19083024) 502321.98 3635625.90 33.06618 (20071201)
502371.98 3635625.90 30.96309 (21012023) 502421.98 3635625.90 32.77362 (21072005)
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502671.98 3635625.90 34.48132 (20070802) 502721.98 3635625.90 39.43765 (20070802)
502771.98 3635625.90 40.62927 (20070802) 502821.98 3635625.90 40.93568 (20111121)
502871.98 3635625.90 44.72980 (19091321) 502921.98 3635625.90 45.27115 (19071423)
502971.98 3635625.90 49.03672 (20042421) 503021.98 3635625.90 48.09338 (20042421)
503071.98 3635625.90 43.96091 (20110924) 503121.98 3635625.90 48.55316 (20110924)
503171.98 3635625.90 47.49308 (19073101) 503221.98 3635625.90 48.06093 (20091222)
503271.98 3635625.90 47.50141 (19111601) 503321.98 3635625.90 48.13987 (20033120)
503371.98 3635625.90 50.74169 (20033120) 503421.98 3635625.90 54.18143 (20101023)
503471.98 3635625.90 50.92476 (20120224) 503521.98 3635625.90 49.88629 (20120224)
503571.98 3635625.90 52.72710 (20090823) 503621.98 3635625.90 53.71324 (21081004)
503671.98 3635625.90 53.37614 (19101219) 503721.98 3635625.90 53.36806 (19101219)

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        503771.98   3635625.90       53.22552  (20071102)               503821.98
3635625.90       48.62162  (20071102)
        503871.98   3635625.90       41.42788  (19013104)               503921.98
3635625.90       52.34399  (19122420)
        503971.98   3635625.90       55.10186  (19122420)               504021.98
3635625.90       28.67628  (20092001)
        504071.98   3635625.90       22.62960  (21013118)               504121.98
3635625.90       28.40650  (21013118)
        504171.98   3635625.90       31.53518  (21013118)               504221.98
3635625.90       31.88749  (21013118)
        504271.98   3635625.90       26.41899  (21013118)               504321.98
3635625.90       19.87870  (21013118)
        504371.98   3635625.90       14.58161  (21013118)               504421.98
3635625.90        9.74257  (21013118)
        504471.98   3635625.90       10.29613  (20040223)               504521.98
3635625.90       12.46756  (20040223)
        504571.98   3635625.90       14.57951  (20011620)               504621.98
3635625.90       17.86121  (20011620)
        504671.98   3635625.90       21.21333  (20011620)               504721.98
3635625.90       26.35672  (20011620)
        504771.98   3635625.90       33.63196  (21090701)               504821.98
3635625.90       34.68015  (21122618)
        504871.98   3635625.90       38.01025  (21122618)               504921.98
3635625.90       27.58515  (21122618)
        504971.98   3635625.90       36.30825  (21122618)               505021.98
3635625.90       23.36568  (21012617)
        505071.98   3635625.90       23.20645  (21012617)               505121.98
3635625.90       25.75515  (19102623)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 28.72930 | (19102623) | 505221.98 | 3635625.90 | 29.91177 | (19102623) |
| 502221.98 | 3635675.90 | 32.40297 | (20122320) | 502271.98 | 3635675.90 | 32.07425 | (20071201) |
| 502321.98 | 3635675.90 | 32.23633 | (21012023) | 502371.98 | 3635675.90 | 31.42428 | (21072005) |
| 502421.98 | 3635675.90 | 30.39857 | (21072005) | 502471.98 | 3635675.90 | 31.78653 | (21110406) |
| 502521.98 | 3635675.90 | 33.65415 | (20070801) | 502571.98 | 3635675.90 | 33.82729 | (20070801) |
| 502621.98 | 3635675.90 | 32.74047 | (20070802) | 502671.98 | 3635675.90 | 37.16468 | (20070802) |
| 502721.98 | 3635675.90 | 38.98642 | (20070802) | 502771.98 | 3635675.90 | 39.34278 | (21121424) |
| 502821.98 | 3635675.90 | 41.20835 | (19091321) | 502871.98 | 3635675.90 | 41.69920 | (19071423) |
| 502921.98 | 3635675.90 | 42.03637 | (20042421) | 502971.98 | 3635675.90 | 43.64888 | (19121706) |
| 503021.98 | 3635675.90 | 42.89010 | (19121706) | 503071.98 | 3635675.90 | 38.55865 | (20110924) |
| 503121.98 | 3635675.90 | 38.43831 | (20110924) | 503171.98 | 3635675.90 | 40.16079 | (21021621) |
| 503221.98 | 3635675.90 | 40.59070 | (20091222) | 503271.98 | 3635675.90 | 39.53628 | (19111601) |
| 503321.98 | 3635675.90 | 41.21969 | (20033120) | 503371.98 | 3635675.90 | 44.30984 | (20101023) |
| 503421.98 | 3635675.90 | 47.84962 | (20101023) | 503471.98 | 3635675.90 | 49.73209 | (20120224) |
| 503521.98 | 3635675.90 | 46.55170 | (19072124) | 503571.98 | 3635675.90 | 48.19166 | (20090823) |
| 503621.98 | 3635675.90 | 51.56682 | (21081004) | 503671.98 | 3635675.90 | 52.02187 | (19101219) |
| 503721.98 | 3635675.90 | 51.83115 | (19101219) | 503771.98 | 3635675.90 | 52.19151 | (20071102) |
| 503821.98 | 3635675.90 | 48.52512 | (20071102) | 503871.98 | 3635675.90 | 42.89864 | (21061222) |
| 503921.98 | 3635675.90 | 51.78944 | (19122420) | 503971.98 | 3635675.90 | 54.56173 | (19122420) |
| 504021.98 | 3635675.90 | 39.36372 | (19122420) | 504071.98 | 3635675.90 | 28.38000 | (20092001) |
| 504121.98 | 3635675.90 | 26.83062 | (21013118) | 504171.98 | 3635675.90 | 29.73828 | (21013118) |
| 504221.98 | 3635675.90 | 30.25207 | (21013118) | 504271.98 | | | |

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3635675.90       27.66437  (21013118)
        504321.98   3635675.90       21.49663  (21013118)                504371.98
3635675.90       15.90711  (21013118)
        504421.98   3635675.90       11.15896  (21013118)                504471.98
3635675.90       11.98035  (19022602)
        504521.98   3635675.90       21.86724  (21121422)                504571.98
3635675.90       12.37904  (20040223)
        504621.98   3635675.90       17.78642  (20011620)                504671.98
3635675.90       19.03791  (20011620)
        504721.98   3635675.90       21.72298  (20011620)                504771.98
3635675.90       38.03073  (21090701)
        504821.98   3635675.90       34.77878  (21090701)                504871.98
3635675.90       32.44440  (21122618)
        504921.98   3635675.90       28.23864  (21122618)                504971.98
3635675.90       37.55788  (21122618)
        505021.98   3635675.90       33.45159  (21122618)                505071.98
3635675.90       22.28442  (21012617)
        505121.98   3635675.90       27.58936  (20091421)                505171.98
3635675.90       24.37201  (21012617)
        505221.98   3635675.90       26.35993  (19102623)                502221.98
3635725.90       32.92928  (21012023)
        502271.98   3635725.90       31.82095  (21012023)                502321.98
3635725.90       29.80820  (21012023)
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3635725.90       30.75697  (20122721)
        502471.98   3635725.90       32.12645  (20070801)                502521.98
3635725.90       32.38875  (20070801)
        502571.98   3635725.90       31.25311  (20070802)                502621.98
3635725.90       35.33635  (20070802)
        502671.98   3635725.90       37.21383  (20070802)                502721.98
3635725.90       36.86714  (20111121)
        502771.98   3635725.90       38.61019  (19091321)                502821.98
3635725.90       39.55338  (19091321)
        502871.98   3635725.90       40.70080  (20042421)                502921.98
3635725.90       41.83353  (19121706)
        502971.98   3635725.90       42.40192  (19121706)                503021.98
3635725.90       37.63814  (19121706)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503071.98   3635725.90       36.30477  (21100523)               503121.98
3635725.90       38.39636  (21021621)
        503171.98   3635725.90       39.68829  (21021621)               503221.98
3635725.90       37.27163  (21012818)
        503271.98   3635725.90       39.63091  (19050823)               503321.98
3635725.90       39.44829  (19050823)
        503371.98   3635725.90       41.08656  (21100603)               503421.98
3635725.90       45.44682  (20120224)
        503471.98   3635725.90       47.89064  (20120224)               503521.98
3635725.90       44.46494  (19072124)
        503571.98   3635725.90       45.40911  (20090823)               503621.98
3635725.90       48.06555  (21081004)
        503671.98   3635725.90       50.17704  (19101219)               503721.98
3635725.90       49.08822  (19101219)
        503771.98   3635725.90       49.89502  (20071102)               503821.98
3635725.90       47.01673  (20071102)
        503871.98   3635725.90       42.56174  (21061222)               503921.98
3635725.90       49.02723  (19122420)
        503971.98   3635725.90       53.98132  (19122420)               504021.98
3635725.90       43.83948  (19122420)
        504071.98   3635725.90       41.52215  (20092001)               504121.98
3635725.90       30.05632  (21060422)
        504171.98   3635725.90       31.58522  (21013118)               504221.98
3635725.90       38.22677  (21013118)
        504271.98   3635725.90       37.67538  (20121721)               504321.98
3635725.90       23.22524  (21013118)
        504371.98   3635725.90       17.46441  (21013118)               504421.98
3635725.90       12.44271  (21013118)
        504471.98   3635725.90       20.84776  (19022602)               504521.98
3635725.90       29.77368  (21121422)
        504571.98   3635725.90       18.82722  (21121422)               504621.98
3635725.90       19.88260  (21121422)
        504671.98   3635725.90       21.17375  (21061321)               504721.98
3635725.90       19.84854  (20011620)
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        504771.98   3635725.90       21.95719  (20011620)               504821.98
3635725.90       27.19107  (21090701)
        504871.98   3635725.90       24.24349  (20011620)               504921.98
3635725.90       25.51484  (21122618)
        504971.98   3635725.90       35.57655  (21122618)               505021.98
3635725.90       36.88049  (21122618)
        505071.98   3635725.90       31.59275  (21122618)               505121.98
3635725.90       29.66566  (21122618)
        505171.98   3635725.90       26.60114  (20091421)               505221.98
3635725.90       23.08518  (21012617)
        502221.98   3635775.90       31.99594  (21012023)               502271.98
3635775.90       28.83331  (21012023)
        502321.98   3635775.90       28.28337  (20122721)               502371.98
3635775.90       29.29837  (20122721)
        502421.98   3635775.90       30.54402  (20070801)               502471.98
3635775.90       30.79804  (20070801)
        502521.98   3635775.90       29.55273  (19031105)               502571.98
3635775.90       33.62376  (20070802)
        502621.98   3635775.90       35.48079  (20070802)               502671.98
3635775.90       35.37590  (21121424)
        502721.98   3635775.90       36.77273  (19091321)               502771.98
3635775.90       39.17753  (19091321)
        502821.98   3635775.90       38.37549  (20042421)               502871.98
3635775.90       40.33266  (20042421)
        502921.98   3635775.90       41.23814  (19121706)               502971.98
3635775.90       38.42509  (19121706)
        503021.98   3635775.90       35.60554  (21100523)               503071.98
3635775.90       35.56306  (21100523)
        503121.98   3635775.90       38.43833  (21021621)               503171.98
3635775.90       37.15906  (21021621)
        503221.98   3635775.90       38.21793  (19050823)               503271.98
3635775.90       40.65759  (19050823)
        503321.98   3635775.90       41.17874  (21100603)               503371.98
3635775.90       41.14935  (21100603)
        503421.98   3635775.90       45.08056  (20120224)               503471.98
3635775.90       45.63837  (20120224)
        503521.98   3635775.90       43.04777  (19072124)               503571.98
3635775.90       42.22020  (21021806)
        503621.98   3635775.90       41.16310  (21081004)               503671.98
3635775.90       46.60591  (19101219)
        503721.98   3635775.90       46.73586  (19101219)               503771.98
3635775.90       47.66951  (20071102)
        503821.98   3635775.90       45.22340  (20071102)               503871.98
3635775.90       41.56388  (21061222)
        503921.98   3635775.90       45.95472  (19122420)               503971.98
3635775.90       53.06985  (19122420)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:32:02
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL  ***
INCLUDING SOURCE(S):  L0000001  , L0000002 , L0000003  , L0000004  , L0000005  ,
L0000006  , L0000007  , L0000008  , L0000009  , L0000010 , L0000011  , L0000012  , L0000013  ,
L0000014  , L0000015  , L0000016  , L0000017  , L0000018 , L0000019  , L0000020  , L0000021  ,
L0000022  , L0000023  , L0000024  , L0000025  , L0000026 , L0000027  , L0000028  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 46.42332 | (19122420) | 504071.98 | 3635775.90 | 46.81058 | (20092001) |
| 504121.98 | 3635775.90 | 42.70832 | (20092001) | 504171.98 | 3635775.90 | 41.75001 | (21060422) |
| 504221.98 | 3635775.90 | 39.31998 | (21060422) | 504271.98 | 3635775.90 | 39.21930 | (19012903) |
| 504321.98 | 3635775.90 | 39.03729 | (20121721) | 504371.98 | 3635775.90 | 27.83781 | (20121721) |
| 504421.98 | 3635775.90 | 18.36977 | (19022602) | 504471.98 | 3635775.90 | 29.58688 | (19022602) |
| 504521.98 | 3635775.90 | 32.92509 | (19022602) | 504571.98 | 3635775.90 | 24.56360 | (21121422) |
| 504621.98 | 3635775.90 | 28.92775 | (21121422) | 504671.98 | 3635775.90 | 20.86362 | (21121422) |
| 504721.98 | 3635775.90 | 17.79988 | (20011620) | 504771.98 | 3635775.90 | 20.98789 | (20011620) |
| 504821.98 | 3635775.90 | 22.97416 | (20011620) | 504871.98 | 3635775.90 | 23.87000 | (20011620) |
| 504921.98 | 3635775.90 | 23.19229 | (20011620) | 504971.98 | 3635775.90 | 31.47553 | (21122618) |
| 505021.98 | 3635775.90 | 35.36602 | (21122618) | 505071.98 | 3635775.90 | 33.24334 | (21122618) |
| 505121.98 | 3635775.90 | 32.42442 | (21122618) | 505171.98 | 3635775.90 | 28.11233 | (21122618) |
| 505221.98 | 3635775.90 | 25.44799 | (20091421) | 502221.98 | | | |

3635825.90 28.27726 (21012023)
502271.98 3635825.90 28.37118 (20122721) 502321.98
3635825.90 29.57878 (20122721)
502371.98 3635825.90 29.32751 (20070801) 502421.98
3635825.90 29.15940 (20070801)
502471.98 3635825.90 28.46051 (19031105) 502521.98
3635825.90 31.34725 (20070802)
502571.98 3635825.90 33.58719 (20070802) 502621.98
3635825.90 33.75894 (21121424)
502671.98 3635825.90 34.85667 (21121424) 502721.98
3635825.90 36.80539 (19091321)
502771.98 3635825.90 37.22307 (19071423) 502821.98
3635825.90 39.23249 (20042421)
502871.98 3635825.90 38.83604 (19121706) 502921.98
3635825.90 38.48433 (19121706)
502971.98 3635825.90 32.99945 (19121706) 503021.98
3635825.90 35.28731 (21100523)
503071.98 3635825.90 35.97206 (21021621) 503121.98
3635825.90 37.10337 (21021621)
503171.98 3635825.90 36.59887 (21112718) 503221.98
3635825.90 38.15456 (19050823)
503271.98 3635825.90 38.51415 (19050823) 503321.98
3635825.90 40.37820 (21100603)
503371.98 3635825.90 38.76620 (21100603) 503421.98
3635825.90 43.92377 (20120224)
503471.98 3635825.90 42.82041 (20120224) 503521.98
3635825.90 39.16268 (19072124)
503571.98 3635825.90 40.86468 (19051001) 503621.98
3635825.90 38.57446 (19051001)
503671.98 3635825.90 40.85397 (19101219) 503721.98
3635825.90 42.88496 (21041324)
503771.98 3635825.90 45.38345 (20071102) 503821.98
3635825.90 42.76868 (20071102)
503871.98 3635825.90 38.81559 (21061222) 503921.98
3635825.90 42.76145 (19122420)
503971.98 3635825.90 50.02065 (19122420) 504021.98
3635825.90 48.43016 (19122420)
504071.98 3635825.90 46.05421 (20092001) 504121.98
3635825.90 48.66104 (20092001)
504171.98 3635825.90 45.51666 (21060422) 504221.98
3635825.90 43.30683 (21060422)
504271.98 3635825.90 40.80800 (19012903) 504321.98
3635825.90 41.70708 (20121721)
504371.98 3635825.90 40.73988 (20121721) 504421.98
3635825.90 35.03015 (20092821)
504471.98 3635825.90 34.42838 (20092821) 504521.98
3635825.90 37.12764 (19022602)
504571.98 3635825.90 32.09676 (19022602) 504621.98
3635825.90 33.31501 (21121422)
504671.98 3635825.90 25.75739 (21121422) 504721.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504971.98   3635825.90       29.14601  (21090701)                505021.98
3635825.90       29.98848  (21122618)
        505071.98   3635825.90       33.36682  (21122618)                505121.98
3635825.90       33.11864  (21122618)
        505171.98   3635825.90       31.57315  (21122618)                505221.98
3635825.90       27.34459  (21122618)
        502221.98   3635875.90       29.61645  (20122721)                502271.98
3635875.90       29.40522  (20122721)
        502321.98   3635875.90       28.51823  (20122721)                502371.98
3635875.90       28.01629  (20070801)
        502421.98   3635875.90       27.60868  (19031105)                502471.98
3635875.90       29.64961  (20070802)
        502521.98   3635875.90       31.16378  (20070802)                502571.98
3635875.90       32.63225  (21121424)
        502621.98   3635875.90       34.40248  (21121424)                502671.98
3635875.90       33.64038  (19091321)

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        502721.98   3635875.90       34.59839  (19071423)              502771.98
3635875.90       36.96114  (20042421)
        502821.98   3635875.90       37.22224  (20042421)              502871.98
3635875.90       37.50996  (19121706)
        502921.98   3635875.90       33.85339  (19121706)              502971.98
3635875.90       32.92051  (21100523)
        503021.98   3635875.90       33.44801  (21100523)              503071.98
3635875.90       35.70965  (21021621)
        503121.98   3635875.90       35.16199  (21112718)              503171.98
3635875.90       34.89458  (21112718)
        503221.98   3635875.90       38.23031  (19050823)              503271.98
3635875.90       37.09577  (21100603)
        503321.98   3635875.90       39.29807  (21100603)              503371.98
3635875.90       38.16772  (20120224)
        503421.98   3635875.90       42.48448  (20120224)              503471.98
3635875.90       40.82499  (19072124)
        503521.98   3635875.90       35.89501  (20070922)              503571.98
3635875.90       39.68812  (19051001)
        503621.98   3635875.90       36.56089  (19080922)              503671.98
3635875.90       39.55854  (19101219)
        503721.98   3635875.90       41.58471  (21041324)              503771.98
3635875.90       42.58847  (20071102)
        503821.98   3635875.90       39.88009  (20071102)              503871.98
3635875.90       34.09404  (21061222)
        503921.98   3635875.90       39.20006  (19013104)              503971.98
3635875.90       47.24257  (19122420)
        504021.98   3635875.90       48.66854  (19122420)              504071.98
3635875.90       42.76230  (21062624)
        504121.98   3635875.90       46.64203  (20092001)              504171.98
3635875.90       44.82260  (21060422)
        504221.98   3635875.90       45.62957  (21060422)              504271.98
3635875.90       40.48284  (21013118)
        504321.98   3635875.90       42.33682  (19012903)              504371.98
3635875.90       44.87108  (20121721)
        504421.98   3635875.90       43.46627  (20121721)              504471.98
3635875.90       38.21406  (20092821)
        504521.98   3635875.90       34.52719  (19022602)              504571.98
3635875.90       35.98059  (19022602)
        504621.98   3635875.90       33.20151  (21121422)              504671.98
3635875.90       33.54440  (21121422)
        504721.98   3635875.90       15.39939  (21121422)              504771.98
3635875.90       14.77744  (20011620)
        504821.98   3635875.90       18.89951  (20011620)              504871.98
3635875.90       21.69197  (21090701)
        504921.98   3635875.90       25.11499  (21090701)              504971.98
3635875.90       30.59436  (21090701)
        505021.98   3635875.90       28.03806  (21090701)              505071.98
3635875.90       28.24218  (21122618)
        505121.98   3635875.90       31.71470  (21122618)              505171.98
3635875.90       32.26689  (21122618)
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        502871.98   3635925.90       34.45013  (19121706)                502921.98
3635925.90       31.33632  (21100523)
        502971.98   3635925.90       32.37201  (21100523)                503021.98
3635925.90       33.61250  (21021621)
        503071.98   3635925.90       34.31182  (21021621)                503121.98
3635925.90       34.39191  (21112718)
        503171.98   3635925.90       35.55540  (19050823)                503221.98

3635925.90 36.87780 (19050823)
503271.98 3635925.90 37.29922 (21100603) 503321.98
3635925.90 37.49476 (21100603)
503371.98 3635925.90 38.62041 (20120224) 503421.98
3635925.90 40.60228 (20120224)
503471.98 3635925.90 37.74275 (19072124) 503521.98
3635925.90 34.71152 (19051001)
503571.98 3635925.90 38.33074 (19051001) 503621.98
3635925.90 34.63434 (19080922)
503671.98 3635925.90 37.67859 (21041324) 503721.98
3635925.90 40.67492 (21041324)
503771.98 3635925.90 39.15199 (21012024) 503821.98
3635925.90 36.55884 (20071102)
503871.98 3635925.90 32.88430 (21061222) 503921.98
3635925.90 37.26872 (19013104)
503971.98 3635925.90 44.39728 (19122420) 504021.98
3635925.90 46.86499 (19122420)
504071.98 3635925.90 41.28567 (21062624) 504121.98
3635925.90 43.56902 (20092001)
504171.98 3635925.90 42.03215 (20092001) 504221.98
3635925.90 41.74058 (21060422)
504271.98 3635925.90 39.45736 (21060422) 504321.98
3635925.90 39.65413 (19012903)
504371.98 3635925.90 42.18124 (20121721) 504421.98
3635925.90 45.01786 (20121721)
504471.98 3635925.90 42.95120 (20092821) 504521.98
3635925.90 38.97727 (20092821)
504571.98 3635925.90 36.78976 (19022602) 504621.98
3635925.90 33.34657 (19022602)
504671.98 3635925.90 33.50420 (21121422) 504721.98
3635925.90 32.34220 (21121422)
504771.98 3635925.90 24.54852 (21121422) 504821.98
3635925.90 15.27865 (20011620)
504871.98 3635925.90 18.52941 (20011620) 504921.98
3635925.90 21.08619 (21090701)
504971.98 3635925.90 29.25903 (21090701) 505021.98
3635925.90 30.87083 (21090701)
505071.98 3635925.90 29.14128 (21090701) 505121.98
3635925.90 28.68963 (21122618)
505171.98 3635925.90 30.93332 (21122618) 505221.98
3635925.90 33.73134 (21122618)
502221.98 3635975.90 29.91423 (20122721) 502271.98
3635975.90 27.41006 (19031105)
502321.98 3635975.90 26.90346 (19031105) 502371.98
3635975.90 26.25398 (20070802)
502421.98 3635975.90 27.77671 (20070802) 502471.98
3635975.90 29.93921 (21121424)
502521.98 3635975.90 32.45292 (21121424) 502571.98
3635975.90 31.61769 (21121424)
502621.98 3635975.90 30.20153 (19091321) 502671.98

3635975.90       30.49079  (19112801)
        502721.98   3635975.90       32.90525  (20042421)                502771.98
3635975.90       35.08114  (19121706)
        502821.98   3635975.90       34.55394  (19121706)                502871.98
3635975.90       30.06351  (19121706)
        502921.98   3635975.90       31.19880  (21100523)                502971.98
3635975.90       30.91792  (21021621)
        503021.98   3635975.90       33.44433  (21021621)                503071.98
3635975.90       32.74299  (21112718)
        503121.98   3635975.90       32.78425  (21112718)                503171.98
3635975.90       35.47488  (19050823)
        503221.98   3635975.90       34.93346  (19050823)                503271.98
3635975.90       36.75182  (21100603)
        503321.98   3635975.90       35.22232  (21100603)                503371.98
3635975.90       39.10111  (20120224)
        503421.98   3635975.90       36.64947  (20120224)                503471.98
3635975.90       34.92416  (19072124)
        503521.98   3635975.90       35.26195  (19051001)                503571.98
3635975.90       36.56492  (19051001)
        503621.98   3635975.90       33.20331  (19080922)                503671.98
3635975.90       36.96506  (21041324)
        503721.98   3635975.90       39.69586  (21041324)                503771.98
3635975.90       38.52634  (19072223)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)

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        503821.98   3632475.90       29.54755  (20082921)               503921.98
3632475.90       25.76231  (20082921)
        504021.98   3632475.90       20.56150  (20081802)               504121.98
3632475.90       20.98888  (20022622)
        504221.98   3632475.90       20.52809  (21011302)               504321.98
3632475.90       19.99122  (19102905)
        504421.98   3632475.90       20.17242  (20022403)               504521.98
3632475.90       20.43672  (21011620)
        504621.98   3632475.90       19.73626  (21013021)               504721.98
3632475.90       19.48550  (21120723)
        504821.98   3632475.90       18.79042  (20101423)               504921.98
3632475.90       18.57308  (21011323)
        505021.98   3632475.90       18.36583  (21010102)               505121.98
3632475.90       17.72106  (20011902)
        505221.98   3632475.90       17.75210  (21021820)               505321.98
3632475.90       17.33240  (21011520)
        505421.98   3632475.90       16.69970  (19121906)               505521.98
3632475.90       16.54829  (19122301)
        505621.98   3632475.90       15.78947  (20122923)               505721.98
3632475.90       15.41742  (20100121)
        501721.98   3632575.90        3.28037  (19010119)               501821.98
3632575.90        2.84459  (19010119)
        501921.98   3632575.90        3.72557  (21030103)               502021.98
3632575.90        5.49840  (21030103)
        502121.98   3632575.90        7.45736  (21030103)               502221.98
3632575.90        9.16130  (21030103)
        502321.98   3632575.90       10.06460  (21030103)               502421.98
3632575.90       11.87609  (20121603)
        502521.98   3632575.90       14.49800  (20121603)               502621.98
3632575.90       14.91322  (20121603)
        502721.98   3632575.90       12.75988  (20121603)               502821.98
3632575.90       13.12273  (21063005)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 17.02366 | (20102407) | 503021.98 | 3632575.90 | 21.57100 | (20111701) |
| 503121.98 | 3632575.90 | 23.16854 | (20111701) | 503221.98 | 3632575.90 | 33.06985 | (19081924) |
| 503321.98 | 3632575.90 | 29.71762 | (19081924) | 503421.98 | 3632575.90 | 31.13599 | (19110606) |
| 503721.98 | 3632575.90 | 30.20695 | (21020203) | 503821.98 | 3632575.90 | 29.41824 | (20082921) |
| 503921.98 | 3632575.90 | 20.64691 | (20082921) | 504021.98 | 3632575.90 | 20.76285 | (20080820) |
| 504121.98 | 3632575.90 | 21.76623 | (20022622) | 504221.98 | 3632575.90 | 21.44566 | (21011302) |
| 504321.98 | 3632575.90 | 21.14441 | (21022205) | 504421.98 | 3632575.90 | 21.74838 | (20022403) |
| 504521.98 | 3632575.90 | 20.50644 | (20052501) | 504621.98 | 3632575.90 | 20.02020 | (20042404) |
| 504721.98 | 3632575.90 | 19.64933 | (20112701) | 504821.98 | 3632575.90 | 19.37319 | (20112022) |
| 504921.98 | 3632575.90 | 19.22788 | (21011323) | 505021.98 | 3632575.90 | 19.29496 | (20011902) |
| 505121.98 | 3632575.90 | 18.97966 | (19022705) | 505221.98 | 3632575.90 | 18.38543 | (20121007) |
| 505321.98 | 3632575.90 | 17.79395 | (19121906) | 505421.98 | 3632575.90 | 17.46210 | (19122301) |
| 505521.98 | 3632575.90 | 16.93390 | (20122923) | 505621.98 | 3632575.90 | 16.40261 | (20100121) |
| 505721.98 | 3632575.90 | 16.25374 | (21022502) | 501721.98 | 3632675.90 | 3.98059 | (19010119) |
| 501821.98 | 3632675.90 | 3.61959 | (19010119) | 501921.98 | 3632675.90 | 3.14542 | (19010119) |
| 502021.98 | 3632675.90 | 4.15618 | (21030103) | 502121.98 | 3632675.90 | 6.16549 | (21030103) |
| 502221.98 | 3632675.90 | 8.34051 | (21030103) | 502321.98 | 3632675.90 | 10.12801 | (21030103) |
| 502421.98 | 3632675.90 | 10.88381 | (21030103) | 502521.98 | 3632675.90 | 13.81179 | (20121603) |
| 502621.98 | 3632675.90 | 16.04583 | (20121603) | 502721.98 | 3632675.90 | 15.43387 | (20121603) |
| 502821.98 | 3632675.90 | 23.38829 | (20092124) | 502921.98 | | | |

3632675.90  27.78531  (20092124)
  503021.98  3632675.90  25.95397  (20082723)  503721.98
3632675.90  30.93651  (21020203)
  503821.98  3632675.90  31.41847  (20082921)  503921.98
3632675.90  24.99773  (20082921)
  504021.98  3632675.90  21.85958  (19032124)  504121.98
3632675.90  22.73383  (21013120)
  504221.98  3632675.90  21.56251  (21011302)  504321.98
3632675.90  22.45628  (21022205)
  504421.98  3632675.90  22.03611  (21011620)  504521.98
3632675.90  22.33648  (21013021)
  504621.98  3632675.90  21.67490  (21120723)  504721.98
3632675.90  21.01126  (20101423)
  504821.98  3632675.90  21.00599  (21011323)  504921.98
3632675.90  20.57229  (21010102)
  505021.98  3632675.90  19.76049  (19022705)  505121.98
3632675.90  19.57455  (21021820)
  505221.98  3632675.90  19.22894  (21011520)  505321.98
3632675.90  18.52732  (21010522)
  505421.98  3632675.90  18.13046  (20122923)  505521.98
3632675.90  17.43735  (20100121)
  505621.98  3632675.90  17.24824  (21022502)  505721.98
3632675.90  16.38992  (20100521)
  502421.98  3632775.90  12.81357  (21030103)  502521.98
3632775.90  19.87475  (21030103)
  502621.98  3632775.90  20.77375  (20121603)  502721.98
3632775.90  17.45125  (20121603)
  502821.98  3632775.90  27.10262  (20092124)  502921.98
3632775.90  33.15743  (20090205)
  503021.98  3632775.90  30.25820  (20090205)  503121.98
3632775.90  33.57568  (20111701)
  503221.98  3632775.90  29.61091  (20111701)  503621.98
3632775.90  34.08284  (20050102)
  503721.98  3632775.90  32.79227  (21020203)  503821.98
3632775.90  31.03691  (20082921)
  503921.98  3632775.90  26.60542  (20082921)  504021.98
3632775.90  23.50639  (19032124)
  504121.98  3632775.90  24.34091  (21013120)  504221.98
3632775.90  22.98973  (19102905)
  504321.98  3632775.90  23.69854  (19121107)  504421.98
3632775.90  23.81067  (21011620)



                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3632775.90       22.43118  (21013021)               504621.98
3632775.90       22.03831  (21120723)
        504721.98   3632775.90       21.50366  (20112022)               504821.98
3632775.90       21.43159  (20031721)
        504921.98   3632775.90       21.09799  (20011902)               505021.98
3632775.90       21.17583  (21021820)
        505121.98   3632775.90       20.83245  (21011520)               505221.98
3632775.90       19.96380  (21010522)
        505321.98   3632775.90       19.38582  (20122923)               505421.98
3632775.90       18.62024  (20100121)
        505521.98   3632775.90       18.33834  (21022502)               505621.98
3632775.90       17.41710  (20021702)
        505721.98   3632775.90       17.56224  (20020804)               501721.98
3632875.90        4.97153  (19010119)
        501821.98   3632875.90        5.01852  (19010119)               501921.98
3632875.90        4.85051  (19010119)
        502021.98   3632875.90        4.46640  (19010119)               502121.98
3632875.90        3.90345  (19010119)
        502221.98   3632875.90        5.25230  (21030103)               502321.98
3632875.90        7.87210  (21030103)
        502421.98   3632875.90       10.55851  (21030103)               502521.98
3632875.90       12.42340  (21030103)
        502621.98   3632875.90       14.41902  (20121603)               502721.98
3632875.90       18.17930  (20121603)
        502821.98   3632875.90       25.60909  (20121603)               502921.98
3632875.90       33.69584  (20090205)
        503021.98   3632875.90       27.39037  (20090205)               503121.98
3632875.90       29.17333  (20102407)
        503221.98   3632875.90       33.61437  (20111701)               503321.98
3632875.90       39.13180  (19081924)

503421.98 3632875.90 35.79146 (19110606) 503621.98
3632875.90 34.82533 (20050102)
503721.98 3632875.90 33.48942 (21020203) 503821.98
3632875.90 31.44886 (20082921)
503921.98 3632875.90 24.33673 (20081802) 504021.98
3632875.90 25.09449 (19032124)
504121.98 3632875.90 25.71952 (21013120) 504221.98
3632875.90 25.13805 (19102905)
504321.98 3632875.90 25.49057 (20022403) 504421.98
3632875.90 24.85704 (21013021)
504521.98 3632875.90 24.10805 (21120723) 504621.98
3632875.90 23.50746 (20101423)
504721.98 3632875.90 23.57035 (21011323) 504821.98
3632875.90 22.94786 (20011902)
504921.98 3632875.90 22.50012 (19022705) 505021.98
3632875.90 22.11360 (21011520)
505121.98 3632875.90 21.33259 (21010522) 505221.98
3632875.90 20.70886 (20122923)
505321.98 3632875.90 19.85635 (20100121) 505421.98
3632875.90 19.55159 (21022502)
505521.98 3632875.90 18.88726 (20021702) 505621.98
3632875.90 18.73459 (20020804)
505721.98 3632875.90 17.75844 (21012402) 501721.98
3632975.90 6.27832 (21111004)
501821.98 3632975.90 5.61679 (21111004) 501921.98
3632975.90 5.50312 (19010119)
502021.98 3632975.90 5.38180 (19010119) 502121.98
3632975.90 4.99733 (19010119)
505321.98 3632975.90 20.89675 (21022502) 505421.98
3632975.90 20.43722 (20021702)
505521.98 3632975.90 19.93183 (20020804) 505621.98
3632975.90 19.20310 (21012402)
505721.98 3632975.90 18.30926 (20121620) 501721.98
3633075.90 7.45720 (21111004)
501821.98 3633075.90 7.16378 (21111004) 501921.98
3633075.90 6.53948 (21111004)
502021.98 3633075.90 6.04313 (19010119) 502121.98
3633075.90 5.99261 (19010119)
505321.98 3633075.90 22.14065 (20021702) 505421.98
3633075.90 21.10344 (20020804)
505521.98 3633075.90 20.50394 (21012402) 505621.98
3633075.90 19.86395 (20022406)
505721.98 3633075.90 18.78834 (19010903) 501721.98
3633175.90 8.01937 (21111004)
501821.98 3633175.90 8.27754 (21111004) 501921.98
3633175.90 8.15411 (21111004)
502021.98 3633175.90 7.61656 (21111004) 502121.98
3633175.90 6.67802 (21111004)
505321.98 3633175.90 22.56466 (21010922) 505421.98
3633175.90 21.66641 (21012402)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 21.26909 | (20022406) | 505621.98 | 3633175.90 | 20.00509 | (21121121) |
| 505721.98 | 3633175.90 | 19.48205 | (21120121) | 501721.98 | 3633275.90 | 7.73380 | (21111004) |
| 501821.98 | 3633275.90 | 8.57678 | (21111004) | 501921.98 | 3633275.90 | 9.12091 | (21111004) |
| 502021.98 | 3633275.90 | 9.24956 | (21111004) | 502121.98 | 3633275.90 | 8.85836 | (21111004) |
| 505321.98 | 3633275.90 | 23.54049 | (20121620) | 505421.98 | 3633275.90 | 22.46818 | (19010903) |
| 505521.98 | 3633275.90 | 21.50999 | (21011418) | 505621.98 | 3633275.90 | 21.82194 | (21011418) |
| 505721.98 | 3633275.90 | 19.74882 | (21011022) | 501721.98 | 3633375.90 | 6.62209 | (21111004) |
| 501821.98 | 3633375.90 | 7.86787 | (21111004) | 501921.98 | 3633375.90 | 9.02248 | (21111004) |
| 502021.98 | 3633375.90 | 9.92875 | (21111004) | 502121.98 | 3633375.90 | 10.40549 | (21111004) |
| 505321.98 | 3633375.90 | 23.92268 | (21121121) | 505421.98 | 3633375.90 | 23.44057 | (21120121) |
| 505521.98 | 3633375.90 | 22.21636 | (21011022) | 505621.98 | | | |

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3633375.90       21.18164  (20021024)
        505721.98   3633375.90       20.65392  (21122302)                501721.98
3633475.90        6.25231  (21012320)
        501821.98   3633475.90        6.33533  (21111004)                501921.98
3633475.90        7.81995  (21111004)
        502021.98   3633475.90        9.32203  (21111004)                502121.98
3633475.90       10.64897  (21111004)
        505321.98   3633475.90       24.99329  (21021801)                505421.98
3633475.90       23.90976  (20021024)
        505521.98   3633475.90       23.56540  (21122302)                505621.98
3633475.90       22.37969  (21010408)
        505721.98   3633475.90       21.43818  (21011720)                501721.98
3633575.90        9.76383  (21012320)
        501821.98   3633575.90        8.87196  (21012320)                501921.98
3633575.90        7.72988  (21012320)
        502021.98   3633575.90        7.52180  (21111004)                502121.98
3633575.90        9.38742  (21111004)
        505321.98   3633575.90       26.60167  (21122302)                505421.98
3633575.90       25.11255  (21010408)
        505521.98   3633575.90       24.03050  (21011720)                505621.98
3633575.90       22.77550  (21011221)
        505721.98   3633575.90       22.07044  (20121406)                501721.98
3633675.90       12.71827  (21012320)
        501821.98   3633675.90       12.56220  (21012320)                501921.98
3633675.90       12.02823  (21012320)
        502021.98   3633675.90       11.07754  (21012320)                502121.98
3633675.90        9.75902  (21012320)
        505321.98   3633675.90       27.25441  (21011720)                505421.98
3633675.90       25.92372  (21011221)
        505521.98   3633675.90       24.68021  (20121406)                505621.98
3633675.90       23.42243  (20021723)
        505721.98   3633675.90       22.82866  (19011606)                501721.98
3633775.90       13.61477  (21012320)
        501821.98   3633775.90       14.53718  (21012320)                501921.98
3633775.90       15.15727  (21012320)
        502021.98   3633775.90       15.35023  (21012320)                502121.98
3633775.90       14.99573  (21012320)
        505321.98   3633775.90       27.60605  (20121406)                505421.98
3633775.90       26.80790  (20021723)
        505521.98   3633775.90       25.72988  (19011606)                505621.98
3633775.90       23.81224  (19121305)
        505721.98   3633775.90       24.15773  (19121305)                501721.98
3633875.90       11.80842  (21012320)
        501821.98   3633875.90       13.53133  (21012320)                501921.98
3633875.90       15.15360  (21012320)
        502021.98   3633875.90       16.78666  (21012320)                502121.98
3633875.90       18.05331  (21012320)
        505321.98   3633875.90       28.62295  (20012223)                505421.98
3633875.90       27.48315  (19121305)
        505521.98   3633875.90       25.03943  (20082223)                505621.98
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3633875.90       24.40409  (19011923)
        505721.98   3633875.90       23.56565  (19012803)                501721.98
3633975.90        8.85846  (19083104)
        501821.98   3633975.90        9.95705  (21012320)                501921.98
3633975.90       11.95822  (21012320)
        502021.98   3633975.90       14.18751  (21012320)                502121.98
3633975.90       16.62870  (21012320)
        505321.98   3633975.90       29.31338  (19011923)                505421.98
3633975.90       27.38443  (19012803)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3633975.90       26.01843  (21121821)                505621.98
3633975.90       24.83195  (20121224)
        505721.98   3633975.90       24.10284  (20020703)                501721.98
3634075.90       11.34032  (19083104)
        501821.98   3634075.90       11.78009  (19083104)                501921.98
3634075.90       12.14966  (19083104)
        502021.98   3634075.90       12.42061  (19083104)                502121.98
3634075.90       12.56211  (19083104)
        505321.98   3634075.90       29.58621  (20020703)                505421.98
3634075.90       27.52108  (20020703)
        505521.98   3634075.90       25.30918  (20032124)                505621.98
3634075.90       25.25101  (21122121)

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        505721.98   3634075.90       24.64766  (21122121)               501721.98
3634175.90       11.64724  (19083104)
        501821.98   3634175.90       12.60726  (19083104)               501921.98
3634175.90       13.59705  (19083104)
        502021.98   3634175.90       14.55650  (19083104)               502121.98
3634175.90       15.61676  (19083104)
        505321.98   3634175.90       30.79576  (21122121)               505421.98
3634175.90       30.03245  (20121803)
        505521.98   3634175.90       29.01367  (21122201)               505621.98
3634175.90       26.41894  (21122201)
        505721.98   3634175.90       24.10846  (21122201)               501721.98
3634275.90        9.56956  (19083104)
        501821.98   3634275.90       10.59218  (19083104)               501921.98
3634275.90       11.74398  (19083104)
        502021.98   3634275.90       13.03146  (19083104)               502121.98
3634275.90       14.49578  (19083104)
        505321.98   3634275.90       33.00005  (20013123)               505421.98
3634275.90       33.12967  (20013123)
        505521.98   3634275.90       28.06953  (20013123)               505621.98
3634275.90       26.19359  (20013123)
        505721.98   3634275.90       24.25766  (20013123)               501721.98
3634375.90        9.24688  (20022619)
        501821.98   3634375.90        9.90040  (20022619)               501921.98
3634375.90       10.54427  (20022619)
        502021.98   3634375.90       11.29441  (20022619)               502121.98
3634375.90       12.21128  (20022619)
        505321.98   3634375.90       37.68587  (20092120)               505421.98
3634375.90       35.19357  (20092120)
        505521.98   3634375.90       26.82009  (20092120)               505621.98
3634375.90       25.06596  (19122101)
        505721.98   3634375.90       23.91049  (19122101)               501721.98
3634475.90       13.24294  (21021102)
        501821.98   3634475.90       14.26090  (21021102)               501921.98
3634475.90       15.38956  (21021102)
        502021.98   3634475.90       16.68567  (21021102)               502121.98
3634475.90       18.10429  (21021102)
        505321.98   3634475.90       37.47732  (20082306)               505421.98
3634475.90       39.80722  (20082306)
        505521.98   3634475.90       32.55493  (20082306)               505621.98
3634475.90       26.80112  (20082306)
        505721.98   3634475.90       23.41657  (20040323)               501721.98
3634575.90       15.07921  (21021102)
        501821.98   3634575.90       16.08707  (21021102)               501921.98
3634575.90       17.20145  (21021102)
        502021.98   3634575.90       18.45323  (21021102)               502121.98
3634575.90       19.83814  (21021102)
        505321.98   3634575.90       35.96588  (20041201)               505421.98
3634575.90       39.88930  (21013119)
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3634575.90       26.23434  (21013119)
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        505721.98   3634575.90       23.96067  (20011720)                501721.98
3634675.90       12.90502  (21021102)
        501821.98   3634675.90       13.43348  (21021102)                501921.98
3634675.90       13.95068  (21021102)
        502021.98   3634675.90       14.47912  (21021102)                502121.98
3634675.90       14.92544  (21021102)
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3634675.90       40.69041  (20041201)
        505521.98   3634675.90       38.99176  (20041201)                505621.98
3634675.90       37.38005  (20041201)
        505721.98   3634675.90       31.15442  (20041201)                501721.98
3634775.90       10.21532  (19101801)
        501821.98   3634775.90       11.04872  (19050903)                501921.98
3634775.90       12.60038  (19050903)
        502021.98   3634775.90       14.36423  (19050903)                502121.98
3634775.90       16.27687  (19050903)
        505321.98   3634775.90       38.62491  (20081806)                505421.98
3634775.90       38.78207  (20081806)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                   PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3634775.90       35.16567  (20081806)                505621.98
3634775.90       33.56120  (20081806)
        505721.98   3634775.90       29.91732  (20081806)                501721.98
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3634875.90 12.56735 (19050903)
501821.98 3634875.90 13.80060 (19050903) 501921.98
3634875.90 15.01788 (19050903)
502021.98 3634875.90 16.17849 (19050903) 502121.98
3634875.90 17.22210 (19050903)
505321.98 3634875.90 36.74999 (19022319) 505421.98
3634875.90 37.77424 (21012820)
505521.98 3634875.90 36.41432 (21012820) 505621.98
3634875.90 33.06981 (21012820)
505721.98 3634875.90 32.85060 (21032601) 501721.98
3634975.90 12.89787 (19050903)
501821.98 3634975.90 13.37092 (19050903) 501921.98
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3634975.90 39.09966 (20081401)
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3634975.90 36.56420 (20081401)
505721.98 3634975.90 32.33025 (20081401) 501721.98
3635075.90 17.84517 (21121021)
501821.98 3635075.90 10.54687 (19050903) 501921.98
3635075.90 31.75199 (19110921)
502021.98 3635075.90 31.82351 (19110921) 502121.98
3635075.90 10.79456 (19022707)
505321.98 3635075.90 30.49746 (20121617) 505421.98
3635075.90 29.06053 (19042006)
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3635075.90 30.78091 (19042006)
505721.98 3635075.90 31.60189 (20081401) 501721.98
3635175.90 28.89650 (19110921)
501821.98 3635175.90 27.91386 (19100422) 501921.98
3635175.90 36.18932 (21112918)
502021.98 3635175.90 34.27802 (21112918) 502121.98
3635175.90 17.07052 (20021924)
505321.98 3635175.90 28.52868 (20010802) 505421.98
3635175.90 28.26249 (19022007)
505521.98 3635175.90 26.20951 (19022007) 505621.98
3635175.90 23.00685 (19022007)
505721.98 3635175.90 23.62696 (19042006) 501721.98
3635275.90 31.93196 (19120120)
501821.98 3635275.90 33.09678 (21041803) 501921.98
3635275.90 36.41218 (20021924)
502021.98 3635275.90 38.83268 (19012720) 502121.98
3635275.90 33.24485 (19012720)
505621.98 3635275.90 18.73196 (19022007) 505721.98
3635275.90 19.90470 (19022007)
501721.98 3635375.90 29.40391 (20021924) 501821.98
3635375.90 33.71063 (19012720)
501921.98 3635375.90 34.56565 (19012720) 502021.98

3635375.90       33.34699  (21011719)
        502121.98   3635375.90       36.82845  (21011719)                505621.98
3635375.90        9.34041  (20010802)
        501721.98   3635475.90       25.13101  (19012720)                501821.98
3635475.90       28.30229  (21011719)
        501921.98   3635475.90       31.13394  (19111006)                502021.98
3635475.90       32.84014  (19111006)
        502121.98   3635475.90       34.30658  (21052423)                505621.98
3635475.90        5.85032  (21071520)
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3635575.90       26.64600  (21011719)
        501821.98   3635575.90       25.89236  (21011719)                501921.98
3635575.90       27.72561  (21052423)
        502021.98   3635575.90       31.81032  (21052423)                502121.98
3635575.90       31.58032  (19013101)
        505321.98   3635575.90       27.44649  (19102623)                505421.98
3635575.90       10.21220  (21071520)
        505521.98   3635575.90        8.93112  (21071520)                505621.98
3635575.90        7.47580  (21071520)
        505721.98   3635575.90        6.03824  (21071520)                501721.98
3635675.90       23.56152  (19120317)
        501821.98   3635675.90       23.42682  (19120317)                501921.98
3635675.90       28.10833  (19013101)
        502021.98   3635675.90       30.44265  (19013101)                502121.98
3635675.90       30.84667  (20122320)
        505321.98   3635675.90       29.68674  (19102623)                505421.98
3635675.90       12.11417  (21071520)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3

**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 9.46438 | (21071520) | 505621.98 | 3635675.90 | 8.51892 | (21071520) |
| 505721.98 | 3635675.90 | 7.34770 | (21071520) | 501721.98 | 3635775.90 | 23.07213 | (19013101) |
| 501821.98 | 3635775.90 | 28.43643 | (19013101) | 501921.98 | 3635775.90 | 28.10956 | (19013101) |
| 502021.98 | 3635775.90 | 30.09809 | (20122320) | 502121.98 | 3635775.90 | 30.58514 | (21012023) |
| 505321.98 | 3635775.90 | 23.91731 | (19102623) | 505421.98 | 3635775.90 | 29.38639 | (19102623) |
| 505521.98 | 3635775.90 | 27.16229 | (19102623) | 505621.98 | 3635775.90 | 18.94217 | (19102623) |
| 505721.98 | 3635775.90 | 16.98352 | (19010822) | 501721.98 | 3635875.90 | 25.04914 | (19013101) |
| 501821.98 | 3635875.90 | 24.70811 | (20122320) | 501921.98 | 3635875.90 | 28.97670 | (20122320) |
| 502021.98 | 3635875.90 | 29.81584 | (21012023) | 502121.98 | 3635875.90 | 29.39985 | (21012023) |
| 505321.98 | 3635875.90 | 27.94819 | (20091421) | 505421.98 | 3635875.90 | 20.24023 | (19102623) |
| 505521.98 | 3635875.90 | 26.07278 | (19102623) | 505621.98 | 3635875.90 | 25.76079 | (19102623) |
| 505721.98 | 3635875.90 | 21.91802 | (19102623) | 501721.98 | 3635975.90 | 22.59751 | (20122320) |
| 501821.98 | 3635975.90 | 26.22569 | (20122320) | 501921.98 | 3635975.90 | 28.17610 | (21012023) |
| 502021.98 | 3635975.90 | 26.16661 | (21012023) | 502121.98 | 3635975.90 | 28.89383 | (20122721) |
| 505321.98 | 3635975.90 | 29.38461 | (21122618) | 505421.98 | 3635975.90 | 22.55268 | (20091421) |
| 505521.98 | 3635975.90 | 18.33288 | (21012617) | 505621.98 | 3635975.90 | 23.83920 | (19102623) |
| 505721.98 | 3635975.90 | 23.75499 | (19102623) | 501721.98 | 3636075.90 | 22.30039 | (20122320) |
| 501821.98 | 3636075.90 | 25.08013 | (21012023) | 501921.98 | 3636075.90 | 22.69116 | (21012023) |
| 502021.98 | 3636075.90 | 27.23749 | (20122721) | 502121.98 | 3636075.90 | 27.88728 | (20122721) |
| 502221.98 | 3636075.90 | 26.42006 | (19031105) | 502321.98 | 3636075.90 | 23.57100 | (21121424) |
| 502421.98 | 3636075.90 | 30.19751 | (21121424) | 502521.98 | 3636075.90 | 28.60842 | (21121424) |
| 502621.98 | 3636075.90 | 30.00328 | (19112801) | 502721.98 | 3636075.90 | 33.44036 | (19121706) |

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        502821.98   3636075.90       26.38535  (19121706)                502921.98
3636075.90       29.15481  (21021621)
        503021.98   3636075.90       30.51952  (21112718)                503121.98
3636075.90       32.61596  (19050823)
        503221.98   3636075.90       33.99710  (21100603)                503321.98
3636075.90       34.75207  (20120224)
        503421.98   3636075.90       36.06192  (19072124)                503521.98
3636075.90       33.85544  (21021806)
        503621.98   3636075.90       31.49824  (19080922)                503721.98
3636075.90       37.50706  (21041324)
        503821.98   3636075.90       34.51723  (19072223)                503921.98
3636075.90       36.58902  (19072224)
        504021.98   3636075.90       36.84321  (19122420)                504121.98
3636075.90       30.93376  (19050321)
        504221.98   3636075.90       32.34822  (19050322)                504321.98
3636075.90       37.26832  (21013118)
        504421.98   3636075.90       32.28392  (21013118)                504521.98
3636075.90       28.86499  (21080821)
        504621.98   3636075.90       27.91623  (20102221)                504721.98
3636075.90       32.26480  (19022602)
        504821.98   3636075.90       36.41997  (21121422)                504921.98
3636075.90       25.70979  (21061321)
        505021.98   3636075.90       23.78649  (19010920)                505121.98
3636075.90       28.09841  (21090701)
        505221.98   3636075.90       25.25087  (21081602)                505321.98
3636075.90       28.98751  (21122618)
        505421.98   3636075.90       24.51543  (21122618)                505521.98
3636075.90       21.76617  (20091421)
        505621.98   3636075.90       17.48194  (21012617)                505721.98
3636075.90       20.61852  (19102623)
        501721.98   3636175.90       21.19052  (21012023)                501821.98
3636175.90       19.85056  (20031920)
        501921.98   3636175.90       25.44481  (20122721)                502021.98
3636175.90       25.54687  (20122721)
        502121.98   3636175.90       24.26929  (19031105)                502221.98
3636175.90       23.63795  (20112322)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02

                                  PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3636175.90       28.57274  (21121424)               502421.98
3636175.90       27.81301  (21121424)
        502521.98   3636175.90       27.45698  (19112801)               502621.98
3636175.90       31.05607  (19121706)
        502721.98   3636175.90       28.30889  (19121706)               502821.98
3636175.90       27.23441  (21100523)
        502921.98   3636175.90       29.66283  (21021621)               503021.98
3636175.90       29.11283  (21112718)
        503121.98   3636175.90       29.97783  (19050823)               503221.98
3636175.90       32.22010  (21100603)
        503321.98   3636175.90       34.34902  (20120224)               503421.98
3636175.90       33.71025  (19072124)
        503521.98   3636175.90       32.60656  (19051001)               503621.98
3636175.90       30.46000  (19051020)
        503721.98   3636175.90       34.98552  (21041324)               503821.98
3636175.90       32.93715  (19072223)
        503921.98   3636175.90       34.11372  (19072224)               504021.98
3636175.90       35.58556  (19072224)
        504121.98   3636175.90       30.25887  (19070422)               504221.98
3636175.90       31.17930  (19050322)
        504321.98   3636175.90       29.43482  (19073022)               504421.98
3636175.90       26.91763  (21013118)
        504521.98   3636175.90       22.47203  (19111019)               504621.98
3636175.90       24.97706  (20102221)
        504721.98   3636175.90       26.06161  (19060920)               504821.98
3636175.90       25.44095  (19112903)
        504921.98   3636175.90       27.95816  (21121422)               505021.98
3636175.90       26.91924  (21061321)
        505121.98   3636175.90       23.39442  (21090701)               505221.98
3636175.90       26.85215  (21090701)
        505321.98   3636175.90       25.88228  (21081602)               505421.98
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        505521.98   3636175.90       24.94819  (21122618)               505621.98
3636175.90       21.14087  (20091421)
        505721.98   3636175.90       16.80842  (20091421)               501721.98
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3636275.90       17.94900  (21040604)
        501821.98   3636275.90       22.93588  (20122721)                501921.98
3636275.90       23.26344  (20122721)
        502021.98   3636275.90       22.52946  (19031105)                502121.98
3636275.90       22.38908  (20112322)
        502221.98   3636275.90       26.28089  (21121424)                502321.98
3636275.90       27.31101  (21121424)
        502421.98   3636275.90       24.87073  (19112801)                502521.98
3636275.90       27.74355  (19121706)
        502621.98   3636275.90       28.91086  (19121706)                502721.98
3636275.90       25.27141  (21100523)
        502821.98   3636275.90       26.21641  (21021621)                502921.98
3636275.90       26.97667  (21021621)
        503021.98   3636275.90       28.37118  (19050823)                503121.98
3636275.90       28.08819  (21100603)
        503221.98   3636275.90       28.40532  (21100603)                503321.98
3636275.90       30.00206  (20120224)
        503421.98   3636275.90       29.67405  (19072124)                503521.98
3636275.90       30.92918  (19051001)
        503621.98   3636275.90       29.57661  (19051020)                503721.98
3636275.90       32.06945  (21041324)
        503821.98   3636275.90       30.77905  (19072223)                503921.98
3636275.90       31.01150  (19072224)
        504021.98   3636275.90       34.06900  (19072224)                504121.98
3636275.90       27.26200  (19082323)
        504221.98   3636275.90       26.38589  (19082724)                504321.98
3636275.90       20.12311  (20031720)
        504421.98   3636275.90       22.76935  (21013118)                504521.98
3636275.90       18.75898  (19081120)
        504621.98   3636275.90       18.57103  (20050923)                504721.98
3636275.90       23.26617  (19060406)
        504821.98   3636275.90       19.72002  (19110518)                504921.98
3636275.90       24.44294  (21050522)
        505021.98   3636275.90       26.09336  (21121422)                505121.98
3636275.90       23.16249  (21061321)
        505221.98   3636275.90       23.55689  (21090701)                505321.98
3636275.90       27.05832  (21090701)
        505421.98   3636275.90       25.63885  (21081602)                505521.98
3636275.90       26.53012  (21122618)
        505621.98   3636275.90       24.33945  (21122618)                505721.98
3636275.90       21.06982  (20091421)
        501721.98   3636375.90       20.79593  (20122721)                501821.98
3636375.90       20.76188  (20122721)
        501921.98   3636375.90       20.72424  (19031105)                502021.98
3636375.90       21.08730  (20112322)
 *** AERMOD - VERSION 22112  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\Santee\Santee.isc   ***        11/06/23
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:32:02
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL  ***
INCLUDING SOURCE(S):  L0000001  , L0000002 , L0000003  , L0000004  , L0000005  ,
L0000006  , L0000007  , L0000008  , L0000009  , L0000010 , L0000011  , L0000012  , L0000013  ,
L0000014  , L0000015  , L0000016  , L0000017  , L0000018 , L0000019  , L0000020  , L0000021  ,
L0000022  , L0000023  , L0000024  , L0000025  , L0000026 , L0000027  , L0000028  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 23.56443 | (21121424) | 502221.98 | 3636375.90 | 26.22045 | (21121424) |
| 502321.98 | 3636375.90 | 22.66022 | (19112801) | 502421.98 | 3636375.90 | 25.82237 | (19112801) |
| 502521.98 | 3636375.90 | 28.24359 | (19121706) | 502621.98 | 3636375.90 | 22.83322 | (20040204) |
| 502721.98 | 3636375.90 | 24.49925 | (21100523) | 502821.98 | 3636375.90 | 26.38146 | (21021621) |
| 502921.98 | 3636375.90 | 25.88031 | (21112718) | 503021.98 | 3636375.90 | 27.73207 | (19050823) |
| 503121.98 | 3636375.90 | 27.58046 | (21100603) | 503221.98 | 3636375.90 | 24.75038 | (19080122) |
| 503321.98 | 3636375.90 | 24.72291 | (20120224) | 503421.98 | 3636375.90 | 26.87658 | (20052321) |
| 503521.98 | 3636375.90 | 28.56682 | (19051001) | 503621.98 | 3636375.90 | 27.99128 | (19051020) |
| 503721.98 | 3636375.90 | 29.38293 | (19072223) | 503821.98 | 3636375.90 | 28.58596 | (19072223) |
| 503921.98 | 3636375.90 | 27.92650 | (21050323) | 504021.98 | 3636375.90 | 31.63450 | (19072224) |
| 504121.98 | 3636375.90 | 23.81350 | (19082323) | 504221.98 | 3636375.90 | 21.47436 | (19082724) |
| 504321.98 | 3636375.90 | 18.52301 | (21071621) | 504421.98 | 3636375.90 | 20.84125 | (21013118) |
| 504521.98 | 3636375.90 | 18.66602 | (21013118) | 504621.98 | 3636375.90 | 17.28693 | (19080523) |

504721.98 3636375.90 18.61613 (19060406) 504821.98
3636375.90 17.29175 (19060406)
504921.98 3636375.90 17.21791 (19081721) 505021.98
3636375.90 22.54394 (21050522)
505121.98 3636375.90 22.32403 (21061321) 505221.98
3636375.90 22.82826 (21061321)
505321.98 3636375.90 24.38264 (21090701) 505421.98
3636375.90 25.52433 (21090701)
505521.98 3636375.90 23.95058 (21081602) 505621.98
3636375.90 25.76972 (21122618)
505721.98 3636375.90 23.48973 (21122618) 501721.98
3636475.90 17.71623 (20122721)
501821.98 3636475.90 18.44375 (21101802) 501921.98
3636475.90 19.60157 (20112322)
502021.98 3636475.90 20.84254 (19122519) 502121.98
3636475.90 24.10837 (21121424)
502221.98 3636475.90 21.20621 (21021521) 502321.98
3636475.90 24.61524 (19112801)
502421.98 3636475.90 26.50948 (19121706) 502521.98
3636475.90 24.00478 (19121706)
502621.98 3636475.90 22.96992 (21100523) 502721.98
3636475.90 23.69522 (21021621)
502821.98 3636475.90 23.61365 (21112718) 502921.98
3636475.90 23.65049 (19050823)
503021.98 3636475.90 24.80325 (19050823) 503121.98
3636475.90 25.09901 (21100603)
503221.98 3636475.90 21.63163 (19081523) 503321.98
3636475.90 23.00199 (19072124)
503421.98 3636475.90 24.10987 (20071122) 503521.98
3636475.90 25.73273 (19051001)
503621.98 3636475.90 26.05266 (19051020) 503721.98
3636475.90 27.04720 (19072223)
503821.98 3636475.90 25.45867 (19082801) 503921.98
3636475.90 24.95220 (21050323)
504021.98 3636475.90 24.04105 (19072224) 504121.98
3636475.90 19.52786 (19081023)
504221.98 3636475.90 19.58983 (19082724) 504321.98
3636475.90 17.53611 (21071621)
504421.98 3636475.90 17.57389 (21013118) 504521.98
3636475.90 20.01626 (21013118)
504621.98 3636475.90 16.72768 (19081120) 504721.98
3636475.90 16.23957 (19061821)
504821.98 3636475.90 15.50567 (19061621) 504921.98
3636475.90 15.97349 (19060920)
505021.98 3636475.90 21.26473 (19112903) 505121.98
3636475.90 24.96792 (21121422)
505221.98 3636475.90 21.63127 (21061321) 505321.98
3636475.90 20.53179 (19010920)
505421.98 3636475.90 23.53452 (21090701) 505521.98
3636475.90 23.61240 (21090701)

*** THE SUMMARY OF MAXIMUM PERIOD ( 26304 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| GROUP ID | NETWORK AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | GRID-ID |
|---|---|---|---|---|
| ALL | 1ST HIGHEST VALUE IS | 14.00489 AT ( 504121.98, 3634275.90, 111.85, 363.34, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 13.84085 AT ( 503821.98, 3634775.90, 107.48, 336.50, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 13.79846 AT ( 504071.98, 3634225.90, 111.70, 363.34, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 13.62633 AT ( 503771.98, 3634775.90, 109.72, 334.85, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 13.54964 AT ( 503971.98, 3634175.90, 111.56, 363.34, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 13.39112 AT ( 503621.98, 3634725.90, 107.45, 334.15, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 12.90402 AT ( 503721.98, 3634775.90, 110.62, 333.64, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 12.71777 AT ( 504171.98, 3634325.90, 113.36, 363.34, 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 12.35390 AT ( 504021.98, 3634175.90, 111.49, 363.34, 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 11.93989 AT ( 504121.98, 3634225.90, 112.70, 363.34, 0.00) | DC | |

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| GROUP ID | AVERAGE | CONC | DATE (YYMMDDHH) | NETWORK TYPE | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF GRID-ID |
|---|---|---|---|---|---|---|
| ALL | HIGH | 1ST HIGH VALUE IS | 151.89702 | ON 20081805: | AT ( 504171.98, 3634125.90, 115.88, 363.34, 0.00) | DC |

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR



*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 5244 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 4177 Calm Hours Identified

```
 A Total of         1067 Missing Hours Identified (  4.06 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403     708       PFLCNV: Turbulence data is being used w/o ADJ_U* option
SigA Data

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

HARP2 - HRACalc (dated 22118) 11/7/2023 10:29:58 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.28

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.28
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: RMP

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\SanteeCV7to7wOPRwM\hra\ConstCancerMitCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\SanteeCV7to7wOPRwM\hra\ConstCancerMitCancerRiskSumByRec.csv
HRA ran successfully

*HARP - HRACalc v22118 11/7/2023 10:29:58 AM - Cancer Risk - Input File: C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\SanteeCV7to7wOPRwM\hra\ConstCancerMitHRAInput.hra

| REC | GRP | NETID | X | Y | RISK_SUM | SCENARIO | INH_RISK | SOIL_RISK | DERMAL_R | MMILK_RI | WATER_RI | FISH_RISK | CROP_RISK | BEEF_RISK | DAIRY_RISI | PIG_RISK | CHICKEN_F | EGG_RISK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 502722 | 3633476 | 9.57E-08 | 1.28YrCanc | 9.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2 | ALL | | 502772 | 3633476 | 9.98E-08 | 1.28YrCanc | 9.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3 | ALL | | 502822 | 3633476 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 4 | ALL | | 502872 | 3633476 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 5 | ALL | | 502922 | 3633476 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 6 | ALL | | 502972 | 3633476 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 7 | ALL | | 503022 | 3633476 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 8 | ALL | | 503072 | 3633476 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 9 | ALL | | 503122 | 3633476 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 10 | ALL | | 503172 | 3633476 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 11 | ALL | | 503222 | 3633476 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 12 | ALL | | 503272 | 3633476 | 1.49E-07 | 1.28YrCanc | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 13 | ALL | | 503322 | 3633476 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 14 | ALL | | 503372 | 3633476 | 9.37E-08 | 1.28YrCanc | 9.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 15 | ALL | | 503422 | 3633476 | 9.54E-08 | 1.28YrCanc | 9.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 16 | ALL | | 503472 | 3633476 | 9.82E-08 | 1.28YrCanc | 9.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 17 | ALL | | 503522 | 3633476 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 18 | ALL | | 503622 | 3633476 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 19 | ALL | | 503672 | 3633476 | 9.31E-08 | 1.28YrCanc | 9.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 20 | ALL | | 503722 | 3633476 | 8.55E-08 | 1.28YrCanc | 8.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 21 | ALL | | 503772 | 3633476 | 8.66E-08 | 1.28YrCanc | 8.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 22 | ALL | | 503822 | 3633476 | 8.29E-08 | 1.28YrCanc | 8.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 23 | ALL | | 503872 | 3633476 | 8.33E-08 | 1.28YrCanc | 8.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 24 | ALL | | 503922 | 3633476 | 8.99E-08 | 1.28YrCanc | 8.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 25 | ALL | | 503972 | 3633476 | 9.09E-08 | 1.28YrCanc | 9.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 26 | ALL | | 504022 | 3633476 | 8.70E-08 | 1.28YrCanc | 8.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 27 | ALL | | 504072 | 3633476 | 8.83E-08 | 1.28YrCanc | 8.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 28 | ALL | | 504122 | 3633476 | 9.20E-08 | 1.28YrCanc | 9.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 29 | ALL | | 504172 | 3633476 | 8.84E-08 | 1.28YrCanc | 8.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 30 | ALL | | 504222 | 3633476 | 9.03E-08 | 1.28YrCanc | 9.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 31 | ALL | | 504272 | 3633476 | 9.36E-08 | 1.28YrCanc | 9.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 32 | ALL | | 504322 | 3633476 | 9.37E-08 | 1.28YrCanc | 9.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 33 | ALL | | 504372 | 3633476 | 8.53E-08 | 1.28YrCanc | 8.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 34 | ALL | | 504422 | 3633476 | 8.00E-08 | 1.28YrCanc | 8.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 35 | ALL | | 504472 | 3633476 | 7.72E-08 | 1.28YrCanc | 7.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 36 | ALL | | 504522 | 3633476 | 7.64E-08 | 1.28YrCanc | 7.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 37 | ALL | | 504572 | 3633476 | 7.79E-08 | 1.28YrCanc | 7.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 38 | ALL | | 504622 | 3633476 | 8.03E-08 | 1.28YrCanc | 8.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 39 | ALL | | 504672 | 3633476 | 8.14E-08 | 1.28YrCanc | 8.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 40 | ALL | | 504722 | 3633476 | 8.36E-08 | 1.28YrCanc | 8.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 41 | ALL | | 502722 | 3633526 | 9.95E-08 | 1.28YrCanc | 9.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 42 | ALL | | 502772 | 3633526 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 43 | ALL | | 502822 | 3633526 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 44 | ALL | | 502872 | 3633526 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 45 | ALL | | 502922 | 3633526 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 46 | ALL | | 502972 | 3633526 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 47 | ALL | | 503022 | 3633526 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 48 | ALL | | 503072 | 3633526 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | ALL | 503122 | 3633526 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 50 | ALL | 503172 | 3633526 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 51 | ALL | 503222 | 3633526 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 52 | ALL | 503272 | 3633526 | 1.59E-07 | 1.28YrCanc | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 53 | ALL | 503322 | 3633526 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 54 | ALL | 503372 | 3633526 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 55 | ALL | 503422 | 3633526 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 56 | ALL | 503472 | 3633526 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 57 | ALL | 503522 | 3633526 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 58 | ALL | 503622 | 3633526 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 59 | ALL | 503672 | 3633526 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 60 | ALL | 503722 | 3633526 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 61 | ALL | 503772 | 3633526 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 62 | ALL | 503822 | 3633526 | 9.75E-08 | 1.28YrCanc | 9.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 63 | ALL | 503872 | 3633526 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 64 | ALL | 503922 | 3633526 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 65 | ALL | 503972 | 3633526 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 66 | ALL | 504022 | 3633526 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 67 | ALL | 504072 | 3633526 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 68 | ALL | 504122 | 3633526 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 69 | ALL | 504172 | 3633526 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 70 | ALL | 504222 | 3633526 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 71 | ALL | 504272 | 3633526 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 72 | ALL | 504322 | 3633526 | 9.24E-08 | 1.28YrCanc | 9.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 73 | ALL | 504372 | 3633526 | 8.79E-08 | 1.28YrCanc | 8.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 74 | ALL | 504422 | 3633526 | 8.47E-08 | 1.28YrCanc | 8.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 75 | ALL | 504472 | 3633526 | 8.33E-08 | 1.28YrCanc | 8.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 76 | ALL | 504522 | 3633526 | 8.51E-08 | 1.28YrCanc | 8.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 77 | ALL | 504572 | 3633526 | 8.83E-08 | 1.28YrCanc | 8.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 78 | ALL | 504622 | 3633526 | 9.07E-08 | 1.28YrCanc | 9.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 79 | ALL | 504672 | 3633526 | 9.10E-08 | 1.28YrCanc | 9.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 80 | ALL | 504722 | 3633526 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 81 | ALL | 502722 | 3633576 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 82 | ALL | 502772 | 3633576 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 83 | ALL | 502822 | 3633576 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 84 | ALL | 502872 | 3633576 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 85 | ALL | 502922 | 3633576 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 86 | ALL | 502972 | 3633576 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 87 | ALL | 503022 | 3633576 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 88 | ALL | 503072 | 3633576 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 89 | ALL | 503122 | 3633576 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 90 | ALL | 503172 | 3633576 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 91 | ALL | 503222 | 3633576 | 1.64E-07 | 1.28YrCanc | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 92 | ALL | 503272 | 3633576 | 1.71E-07 | 1.28YrCanc | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 93 | ALL | 503322 | 3633576 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 94 | ALL | 503372 | 3633576 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 95 | ALL | 503422 | 3633576 | 1.56E-07 | 1.28YrCanc | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 96 | ALL | 503472 | 3633576 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 97 | ALL | 503522 | 3633576 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 98 | ALL | 503622 | 3633576 | 1.42E-07 | 1.28YrCanc | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99 | ALL | 503672 | 3633576 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 100 | ALL | 503722 | 3633576 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 101 | ALL | 503772 | 3633576 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 102 | ALL | 503822 | 3633576 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 103 | ALL | 503872 | 3633576 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 104 | ALL | 503922 | 3633576 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 105 | ALL | 503972 | 3633576 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 106 | ALL | 504022 | 3633576 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 107 | ALL | 504072 | 3633576 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 108 | ALL | 504122 | 3633576 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 109 | ALL | 504172 | 3633576 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 110 | ALL | 504222 | 3633576 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 111 | ALL | 504272 | 3633576 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 112 | ALL | 504322 | 3633576 | 9.92E-08 | 1.28YrCanc | 9.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 113 | ALL | 504372 | 3633576 | 9.51E-08 | 1.28YrCanc | 9.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 114 | ALL | 504422 | 3633576 | 9.15E-08 | 1.28YrCanc | 9.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 115 | ALL | 504472 | 3633576 | 9.18E-08 | 1.28YrCanc | 9.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 116 | ALL | 504522 | 3633576 | 9.61E-08 | 1.28YrCanc | 9.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 117 | ALL | 504572 | 3633576 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 118 | ALL | 504622 | 3633576 | 9.97E-08 | 1.28YrCanc | 9.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 119 | ALL | 504672 | 3633576 | 9.85E-08 | 1.28YrCanc | 9.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 120 | ALL | 504722 | 3633576 | 9.76E-08 | 1.28YrCanc | 9.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 121 | ALL | 502722 | 3633626 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 122 | ALL | 502772 | 3633626 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 123 | ALL | 502822 | 3633626 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 124 | ALL | 502872 | 3633626 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 125 | ALL | 502922 | 3633626 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 126 | ALL | 502972 | 3633626 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 127 | ALL | 503022 | 3633626 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 128 | ALL | 503072 | 3633626 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 129 | ALL | 503122 | 3633626 | 1.59E-07 | 1.28YrCanc | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 130 | ALL | 503172 | 3633626 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 131 | ALL | 503222 | 3633626 | 1.75E-07 | 1.28YrCanc | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 132 | ALL | 503272 | 3633626 | 1.84E-07 | 1.28YrCanc | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 133 | ALL | 503322 | 3633626 | 1.92E-07 | 1.28YrCanc | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 134 | ALL | 503372 | 3633626 | 1.93E-07 | 1.28YrCanc | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 135 | ALL | 503422 | 3633626 | 1.78E-07 | 1.28YrCanc | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 136 | ALL | 503472 | 3633626 | 1.76E-07 | 1.28YrCanc | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 137 | ALL | 503522 | 3633626 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 138 | ALL | 503622 | 3633626 | 1.66E-07 | 1.28YrCanc | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 139 | ALL | 503672 | 3633626 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 140 | ALL | 503722 | 3633626 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 141 | ALL | 503772 | 3633626 | 1.49E-07 | 1.28YrCanc | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 142 | ALL | 503822 | 3633626 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 143 | ALL | 503872 | 3633626 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 144 | ALL | 503922 | 3633626 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 145 | ALL | 503972 | 3633626 | 1.49E-07 | 1.28YrCanc | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 146 | ALL | 504022 | 3633626 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 147 | ALL | 504072 | 3633626 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 148 | ALL | 504122 | 3633626 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 149 | ALL | 504172 | 3633626 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 150 | ALL | 504222 | 3633626 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 151 | ALL | 504272 | 3633626 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 152 | ALL | 504322 | 3633626 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 153 | ALL | 504372 | 3633626 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 154 | ALL | 504422 | 3633626 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 155 | ALL | 504472 | 3633626 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 156 | ALL | 504522 | 3633626 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 157 | ALL | 504572 | 3633626 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 158 | ALL | 504622 | 3633626 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 159 | ALL | 504672 | 3633626 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 160 | ALL | 504722 | 3633626 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 161 | ALL | 502722 | 3633676 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 162 | ALL | 502772 | 3633676 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 163 | ALL | 502822 | 3633676 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 164 | ALL | 502872 | 3633676 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 165 | ALL | 502922 | 3633676 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 166 | ALL | 502972 | 3633676 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 167 | ALL | 503022 | 3633676 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 168 | ALL | 503072 | 3633676 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 169 | ALL | 503122 | 3633676 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 170 | ALL | 503172 | 3633676 | 1.78E-07 | 1.28YrCanc | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 171 | ALL | 503222 | 3633676 | 1.88E-07 | 1.28YrCanc | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 172 | ALL | 503272 | 3633676 | 1.98E-07 | 1.28YrCanc | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 173 | ALL | 503322 | 3633676 | 2.07E-07 | 1.28YrCanc | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 174 | ALL | 503372 | 3633676 | 2.17E-07 | 1.28YrCanc | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 175 | ALL | 503422 | 3633676 | 2.26E-07 | 1.28YrCanc | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 176 | ALL | 503472 | 3633676 | 2.25E-07 | 1.28YrCanc | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 177 | ALL | 503522 | 3633676 | 2.21E-07 | 1.28YrCanc | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 178 | ALL | 503572 | 3633676 | 1.84E-07 | 1.28YrCanc | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 179 | ALL | 503672 | 3633676 | 1.79E-07 | 1.28YrCanc | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 180 | ALL | 503722 | 3633676 | 1.83E-07 | 1.28YrCanc | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 181 | ALL | 503772 | 3633676 | 1.82E-07 | 1.28YrCanc | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 182 | ALL | 503822 | 3633676 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 183 | ALL | 503872 | 3633676 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 184 | ALL | 503922 | 3633676 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 185 | ALL | 503972 | 3633676 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 186 | ALL | 504022 | 3633676 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 187 | ALL | 504072 | 3633676 | 1.66E-07 | 1.28YrCanc | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 188 | ALL | 504122 | 3633676 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 189 | ALL | 504172 | 3633676 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 190 | ALL | 504222 | 3633676 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 191 | ALL | 504272 | 3633676 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 192 | ALL | 504322 | 3633676 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 193 | ALL | 504372 | 3633676 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 194 | ALL | 504422 | 3633676 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 195 | ALL | 504472 | 3633676 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 196 | ALL | 504522 | 3633676 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 197 | ALL | 504572 | 3633676 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 198 | ALL | 504622 | 3633676 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 199 | ALL | 504672 | 3633676 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 200 | ALL | 504722 | 3633676 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 201 | ALL | 502722 | 3633726 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 202 | ALL | 502772 | 3633726 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 203 | ALL | 502822 | 3633726 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 204 | ALL | 502872 | 3633726 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 205 | ALL | 502922 | 3633726 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 206 | ALL | 502972 | 3633726 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 207 | ALL | 503022 | 3633726 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 208 | ALL | 503072 | 3633726 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 209 | ALL | 503122 | 3633726 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 210 | ALL | 503172 | 3633726 | 1.90E-07 | 1.28YrCanc | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 211 | ALL | 503222 | 3633726 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 212 | ALL | 503272 | 3633726 | 2.13E-07 | 1.28YrCanc | 2.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 213 | ALL | 503322 | 3633726 | 2.24E-07 | 1.28YrCanc | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 214 | ALL | 503372 | 3633726 | 2.36E-07 | 1.28YrCanc | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 215 | ALL | 503422 | 3633726 | 2.48E-07 | 1.28YrCanc | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 216 | ALL | 503472 | 3633726 | 2.59E-07 | 1.28YrCanc | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 217 | ALL | 503522 | 3633726 | 2.65E-07 | 1.28YrCanc | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 218 | ALL | 503572 | 3633726 | 2.47E-07 | 1.28YrCanc | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 219 | ALL | 503722 | 3633726 | 2.22E-07 | 1.28YrCanc | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 220 | ALL | 503772 | 3633726 | 2.11E-07 | 1.28YrCanc | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 221 | ALL | 503822 | 3633726 | 2.09E-07 | 1.28YrCanc | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 222 | ALL | 503872 | 3633726 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 223 | ALL | 503922 | 3633726 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 224 | ALL | 503972 | 3633726 | 1.93E-07 | 1.28YrCanc | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 225 | ALL | 504022 | 3633726 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 226 | ALL | 504072 | 3633726 | 1.90E-07 | 1.28YrCanc | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 227 | ALL | 504122 | 3633726 | 2.00E-07 | 1.28YrCanc | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 228 | ALL | 504172 | 3633726 | 1.98E-07 | 1.28YrCanc | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 229 | ALL | 504222 | 3633726 | 1.92E-07 | 1.28YrCanc | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 230 | ALL | 504272 | 3633726 | 1.90E-07 | 1.28YrCanc | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 231 | ALL | 504322 | 3633726 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 232 | ALL | 504372 | 3633726 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 233 | ALL | 504422 | 3633726 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 234 | ALL | 504472 | 3633726 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 235 | ALL | 504522 | 3633726 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 236 | ALL | 504572 | 3633726 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 237 | ALL | 504622 | 3633726 | 1.42E-07 | 1.28YrCanc | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 238 | ALL | 504672 | 3633726 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 239 | ALL | 504722 | 3633726 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 240 | ALL | 502722 | 3633776 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 241 | ALL | 502772 | 3633776 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 242 | ALL | 502822 | 3633776 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 243 | ALL | 502872 | 3633776 | 1.42E-07 | 1.28YrCanc | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 244 | ALL | 502922 | 3633776 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 245 | ALL | 502972 | 3633776 | 1.60E-07 | 1.28YrCanc | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 246 | ALL | 503022 | 3633776 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 247 | ALL | 503072 | 3633776 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 248 | ALL | 503122 | 3633776 | 1.91E-07 | 1.28YrCanc | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249 ALL | 503172 | 3633776 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 250 ALL | 503222 | 3633776 | 2.16E-07 | 1.28YrCanc | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 251 ALL | 503272 | 3633776 | 2.30E-07 | 1.28YrCanc | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 252 ALL | 503322 | 3633776 | 2.44E-07 | 1.28YrCanc | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 253 ALL | 503372 | 3633776 | 2.58E-07 | 1.28YrCanc | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 254 ALL | 503422 | 3633776 | 2.72E-07 | 1.28YrCanc | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 255 ALL | 503472 | 3633776 | 2.86E-07 | 1.28YrCanc | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 256 ALL | 503772 | 3633776 | 2.46E-07 | 1.28YrCanc | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 257 ALL | 503822 | 3633776 | 2.43E-07 | 1.28YrCanc | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 258 ALL | 503872 | 3633776 | 2.41E-07 | 1.28YrCanc | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 259 ALL | 503922 | 3633776 | 2.29E-07 | 1.28YrCanc | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 260 ALL | 503972 | 3633776 | 2.20E-07 | 1.28YrCanc | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 261 ALL | 504022 | 3633776 | 2.19E-07 | 1.28YrCanc | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 262 ALL | 504072 | 3633776 | 2.39E-07 | 1.28YrCanc | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 263 ALL | 504122 | 3633776 | 2.37E-07 | 1.28YrCanc | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 264 ALL | 504172 | 3633776 | 2.35E-07 | 1.28YrCanc | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 265 ALL | 504222 | 3633776 | 2.27E-07 | 1.28YrCanc | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 266 ALL | 504272 | 3633776 | 2.16E-07 | 1.28YrCanc | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 267 ALL | 504322 | 3633776 | 1.91E-07 | 1.28YrCanc | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 268 ALL | 504372 | 3633776 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 269 ALL | 504422 | 3633776 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 270 ALL | 504472 | 3633776 | 1.64E-07 | 1.28YrCanc | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 271 ALL | 504522 | 3633776 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 272 ALL | 504572 | 3633776 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 273 ALL | 504622 | 3633776 | 1.66E-07 | 1.28YrCanc | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 274 ALL | 504672 | 3633776 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 275 ALL | 504722 | 3633776 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 276 ALL | 502722 | 3633826 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 277 ALL | 502772 | 3633826 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 278 ALL | 502822 | 3633826 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 279 ALL | 502872 | 3633826 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 280 ALL | 502922 | 3633826 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 281 ALL | 502972 | 3633826 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 282 ALL | 503022 | 3633826 | 1.79E-07 | 1.28YrCanc | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 283 ALL | 503072 | 3633826 | 1.91E-07 | 1.28YrCanc | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 284 ALL | 503122 | 3633826 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 285 ALL | 503172 | 3633826 | 2.18E-07 | 1.28YrCanc | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 286 ALL | 503222 | 3633826 | 2.33E-07 | 1.28YrCanc | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 287 ALL | 503272 | 3633826 | 2.48E-07 | 1.28YrCanc | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 288 ALL | 503772 | 3633826 | 3.04E-07 | 1.28YrCanc | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 289 ALL | 503822 | 3633826 | 3.02E-07 | 1.28YrCanc | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 290 ALL | 503872 | 3633826 | 2.85E-07 | 1.28YrCanc | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 291 ALL | 503922 | 3633826 | 2.64E-07 | 1.28YrCanc | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 292 ALL | 503972 | 3633826 | 2.59E-07 | 1.28YrCanc | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 293 ALL | 504022 | 3633826 | 2.84E-07 | 1.28YrCanc | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 294 ALL | 504072 | 3633826 | 2.79E-07 | 1.28YrCanc | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 295 ALL | 504122 | 3633826 | 2.78E-07 | 1.28YrCanc | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 296 ALL | 504172 | 3633826 | 2.80E-07 | 1.28YrCanc | 2.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 297 ALL | 504222 | 3633826 | 2.69E-07 | 1.28YrCanc | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 298 ALL | 504272 | 3633826 | 2.60E-07 | 1.28YrCanc | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 299 | ALL | 504322 | 3633826 | 2.49E-07 | 1.28YrCanc | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 300 | ALL | 504372 | 3633826 | 2.34E-07 | 1.28YrCanc | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 301 | ALL | 504422 | 3633826 | 2.16E-07 | 1.28YrCanc | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 302 | ALL | 504472 | 3633826 | 2.06E-07 | 1.28YrCanc | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 303 | ALL | 504522 | 3633826 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 304 | ALL | 504572 | 3633826 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 305 | ALL | 504622 | 3633826 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 306 | ALL | 504672 | 3633826 | 1.76E-07 | 1.28YrCanc | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 307 | ALL | 504722 | 3633826 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 308 | ALL | 502722 | 3633876 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 309 | ALL | 502772 | 3633876 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 310 | ALL | 502822 | 3633876 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 311 | ALL | 502872 | 3633876 | 1.55E-07 | 1.28YrCanc | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 312 | ALL | 502922 | 3633876 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 313 | ALL | 502972 | 3633876 | 1.76E-07 | 1.28YrCanc | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 314 | ALL | 503022 | 3633876 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 315 | ALL | 503072 | 3633876 | 2.02E-07 | 1.28YrCanc | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 316 | ALL | 503122 | 3633876 | 2.17E-07 | 1.28YrCanc | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 317 | ALL | 503172 | 3633876 | 2.33E-07 | 1.28YrCanc | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 318 | ALL | 503222 | 3633876 | 2.50E-07 | 1.28YrCanc | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 319 | ALL | 503272 | 3633876 | 2.69E-07 | 1.28YrCanc | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 320 | ALL | 503822 | 3633876 | 3.56E-07 | 1.28YrCanc | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 321 | ALL | 503872 | 3633876 | 3.31E-07 | 1.28YrCanc | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 322 | ALL | 503922 | 3633876 | 3.21E-07 | 1.28YrCanc | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 323 | ALL | 503972 | 3633876 | 3.48E-07 | 1.28YrCanc | 3.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 324 | ALL | 504022 | 3633876 | 3.43E-07 | 1.28YrCanc | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 325 | ALL | 504072 | 3633876 | 3.28E-07 | 1.28YrCanc | 3.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 326 | ALL | 504122 | 3633876 | 3.33E-07 | 1.28YrCanc | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 327 | ALL | 504172 | 3633876 | 3.23E-07 | 1.28YrCanc | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 328 | ALL | 504222 | 3633876 | 3.15E-07 | 1.28YrCanc | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 329 | ALL | 504272 | 3633876 | 3.03E-07 | 1.28YrCanc | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 330 | ALL | 504322 | 3633876 | 2.84E-07 | 1.28YrCanc | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 331 | ALL | 504372 | 3633876 | 2.70E-07 | 1.28YrCanc | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 332 | ALL | 504422 | 3633876 | 2.53E-07 | 1.28YrCanc | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 333 | ALL | 504472 | 3633876 | 2.44E-07 | 1.28YrCanc | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 334 | ALL | 504522 | 3633876 | 2.45E-07 | 1.28YrCanc | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 335 | ALL | 504572 | 3633876 | 2.35E-07 | 1.28YrCanc | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 336 | ALL | 504622 | 3633876 | 2.19E-07 | 1.28YrCanc | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 337 | ALL | 504672 | 3633876 | 1.91E-07 | 1.28YrCanc | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 338 | ALL | 504722 | 3633876 | 1.83E-07 | 1.28YrCanc | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 339 | ALL | 502722 | 3633926 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 340 | ALL | 502772 | 3633926 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 341 | ALL | 502822 | 3633926 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 342 | ALL | 502872 | 3633926 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 343 | ALL | 502922 | 3633926 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 344 | ALL | 502972 | 3633926 | 1.85E-07 | 1.28YrCanc | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 345 | ALL | 503022 | 3633926 | 1.99E-07 | 1.28YrCanc | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 346 | ALL | 503072 | 3633926 | 2.14E-07 | 1.28YrCanc | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 347 | ALL | 503122 | 3633926 | 2.31E-07 | 1.28YrCanc | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 348 | ALL | 503172 | 3633926 | 2.49E-07 | 1.28YrCanc | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 349 | ALL | 503222 | 3633926 | 2.69E-07 | 1.28YrCanc | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 350 | ALL | 503272 | 3633926 | 2.92E-07 | 1.28YrCanc | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 351 | ALL | 503822 | 3633926 | 4.35E-07 | 1.28YrCanc | 4.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 352 | ALL | 503872 | 3633926 | 4.17E-07 | 1.28YrCanc | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 353 | ALL | 503922 | 3633926 | 4.18E-07 | 1.28YrCanc | 4.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 354 | ALL | 503972 | 3633926 | 4.40E-07 | 1.28YrCanc | 4.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 355 | ALL | 504022 | 3633926 | 4.15E-07 | 1.28YrCanc | 4.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 356 | ALL | 504072 | 3633926 | 4.07E-07 | 1.28YrCanc | 4.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 357 | ALL | 504122 | 3633926 | 3.92E-07 | 1.28YrCanc | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 358 | ALL | 504172 | 3633926 | 3.86E-07 | 1.28YrCanc | 3.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 359 | ALL | 504222 | 3633926 | 3.77E-07 | 1.28YrCanc | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 360 | ALL | 504272 | 3633926 | 3.61E-07 | 1.28YrCanc | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 361 | ALL | 504322 | 3633926 | 3.48E-07 | 1.28YrCanc | 3.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 362 | ALL | 504372 | 3633926 | 3.26E-07 | 1.28YrCanc | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 363 | ALL | 504422 | 3633926 | 3.13E-07 | 1.28YrCanc | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 364 | ALL | 504472 | 3633926 | 2.95E-07 | 1.28YrCanc | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 365 | ALL | 504522 | 3633926 | 2.75E-07 | 1.28YrCanc | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 366 | ALL | 504572 | 3633926 | 2.47E-07 | 1.28YrCanc | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 367 | ALL | 504622 | 3633926 | 2.25E-07 | 1.28YrCanc | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 368 | ALL | 504672 | 3633926 | 2.08E-07 | 1.28YrCanc | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 369 | ALL | 504722 | 3633926 | 1.92E-07 | 1.28YrCanc | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 370 | ALL | 502722 | 3633976 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 371 | ALL | 502772 | 3633976 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 372 | ALL | 502822 | 3633976 | 1.56E-07 | 1.28YrCanc | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 373 | ALL | 502872 | 3633976 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 374 | ALL | 502922 | 3633976 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 375 | ALL | 502972 | 3633976 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 376 | ALL | 503022 | 3633976 | 2.09E-07 | 1.28YrCanc | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 377 | ALL | 503072 | 3633976 | 2.26E-07 | 1.28YrCanc | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 378 | ALL | 503122 | 3633976 | 2.45E-07 | 1.28YrCanc | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 379 | ALL | 503172 | 3633976 | 2.67E-07 | 1.28YrCanc | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 380 | ALL | 503222 | 3633976 | 2.90E-07 | 1.28YrCanc | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 381 | ALL | 503272 | 3633976 | 3.16E-07 | 1.28YrCanc | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 382 | ALL | 503822 | 3633976 | 5.38E-07 | 1.28YrCanc | 5.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 383 | ALL | 503872 | 3633976 | 5.30E-07 | 1.28YrCanc | 5.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 384 | ALL | 503922 | 3633976 | 5.88E-07 | 1.28YrCanc | 5.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 385 | ALL | 503972 | 3633976 | 5.43E-07 | 1.28YrCanc | 5.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 386 | ALL | 504022 | 3633976 | 5.12E-07 | 1.28YrCanc | 5.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 387 | ALL | 504072 | 3633976 | 4.89E-07 | 1.28YrCanc | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 388 | ALL | 504122 | 3633976 | 4.78E-07 | 1.28YrCanc | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 389 | ALL | 504172 | 3633976 | 4.62E-07 | 1.28YrCanc | 4.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 390 | ALL | 504222 | 3633976 | 4.39E-07 | 1.28YrCanc | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 391 | ALL | 504272 | 3633976 | 4.20E-07 | 1.28YrCanc | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 392 | ALL | 504322 | 3633976 | 4.05E-07 | 1.28YrCanc | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 393 | ALL | 504372 | 3633976 | 3.76E-07 | 1.28YrCanc | 3.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 394 | ALL | 504422 | 3633976 | 3.55E-07 | 1.28YrCanc | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 395 | ALL | 504472 | 3633976 | 3.16E-07 | 1.28YrCanc | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 396 | ALL | 504522 | 3633976 | 2.76E-07 | 1.28YrCanc | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 397 | ALL | 504572 | 3633976 | 2.53E-07 | 1.28YrCanc | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 398 | ALL | 504622 | 3633976 | 2.32E-07 | 1.28YrCanc | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 399 | ALL | 504672 | 3633976 | 2.09E-07 | 1.28YrCanc | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 400 | ALL | 504722 | 3633976 | 1.86E-07 | 1.28YrCanc | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 401 | ALL | 502722 | 3634026 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 402 | ALL | 502772 | 3634026 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 403 | ALL | 502822 | 3634026 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 404 | ALL | 502872 | 3634026 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 405 | ALL | 502922 | 3634026 | 1.87E-07 | 1.28YrCanc | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 406 | ALL | 502972 | 3634026 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 407 | ALL | 503022 | 3634026 | 2.20E-07 | 1.28YrCanc | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 408 | ALL | 503072 | 3634026 | 2.39E-07 | 1.28YrCanc | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 409 | ALL | 503122 | 3634026 | 2.60E-07 | 1.28YrCanc | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 410 | ALL | 503172 | 3634026 | 2.85E-07 | 1.28YrCanc | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 411 | ALL | 503222 | 3634026 | 3.12E-07 | 1.28YrCanc | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 412 | ALL | 503272 | 3634026 | 3.43E-07 | 1.28YrCanc | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 413 | ALL | 503872 | 3634026 | 7.23E-07 | 1.28YrCanc | 7.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 414 | ALL | 503922 | 3634026 | 7.20E-07 | 1.28YrCanc | 7.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 415 | ALL | 503972 | 3634026 | 6.58E-07 | 1.28YrCanc | 6.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 416 | ALL | 504022 | 3634026 | 6.33E-07 | 1.28YrCanc | 6.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 417 | ALL | 504072 | 3634026 | 5.99E-07 | 1.28YrCanc | 5.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 418 | ALL | 504122 | 3634026 | 5.75E-07 | 1.28YrCanc | 5.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 419 | ALL | 504172 | 3634026 | 5.42E-07 | 1.28YrCanc | 5.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 420 | ALL | 504222 | 3634026 | 5.18E-07 | 1.28YrCanc | 5.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 421 | ALL | 504272 | 3634026 | 4.89E-07 | 1.28YrCanc | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 422 | ALL | 504322 | 3634026 | 4.63E-07 | 1.28YrCanc | 4.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 423 | ALL | 504372 | 3634026 | 4.24E-07 | 1.28YrCanc | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 424 | ALL | 504422 | 3634026 | 3.62E-07 | 1.28YrCanc | 3.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 425 | ALL | 504472 | 3634026 | 3.20E-07 | 1.28YrCanc | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 426 | ALL | 504522 | 3634026 | 2.90E-07 | 1.28YrCanc | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 427 | ALL | 504572 | 3634026 | 2.59E-07 | 1.28YrCanc | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 428 | ALL | 504622 | 3634026 | 2.26E-07 | 1.28YrCanc | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 429 | ALL | 504672 | 3634026 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 430 | ALL | 504722 | 3634026 | 1.81E-07 | 1.28YrCanc | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 431 | ALL | 502722 | 3634076 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 432 | ALL | 502772 | 3634076 | 1.55E-07 | 1.28YrCanc | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 433 | ALL | 502822 | 3634076 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 434 | ALL | 502872 | 3634076 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 435 | ALL | 502922 | 3634076 | 1.95E-07 | 1.28YrCanc | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 436 | ALL | 502972 | 3634076 | 2.11E-07 | 1.28YrCanc | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 437 | ALL | 503022 | 3634076 | 2.30E-07 | 1.28YrCanc | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 438 | ALL | 503072 | 3634076 | 2.51E-07 | 1.28YrCanc | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 439 | ALL | 503122 | 3634076 | 2.76E-07 | 1.28YrCanc | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 440 | ALL | 503172 | 3634076 | 3.03E-07 | 1.28YrCanc | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 441 | ALL | 503222 | 3634076 | 3.35E-07 | 1.28YrCanc | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 442 | ALL | 503272 | 3634076 | 3.71E-07 | 1.28YrCanc | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 443 | ALL | 503872 | 3634076 | 9.10E-07 | 1.28YrCanc | 9.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 444 | ALL | 503922 | 3634076 | 8.82E-07 | 1.28YrCanc | 8.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 445 | ALL | 503972 | 3634076 | 8.41E-07 | 1.28YrCanc | 8.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 446 | ALL | 504022 | 3634076 | 7.72E-07 | 1.28YrCanc | 7.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 447 | ALL | 504072 | 3634076 | 7.28E-07 | 1.28YrCanc | 7.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 448 | ALL | 504122 | 3634076 | 6.90E-07 | 1.28YrCanc | 6.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 449 | ALL | 504172 | 3634076 | 6.51E-07 | 1.28YrCanc | 6.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 450 | ALL | 504222 | 3634076 | 6.15E-07 | 1.28YrCanc | 6.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 451 | ALL | 504272 | 3634076 | 5.77E-07 | 1.28YrCanc | 5.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 452 | ALL | 504322 | 3634076 | 5.23E-07 | 1.28YrCanc | 5.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 453 | ALL | 504372 | 3634076 | 4.47E-07 | 1.28YrCanc | 4.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 454 | ALL | 504422 | 3634076 | 3.88E-07 | 1.28YrCanc | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 455 | ALL | 504472 | 3634076 | 3.34E-07 | 1.28YrCanc | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 456 | ALL | 504522 | 3634076 | 2.85E-07 | 1.28YrCanc | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 457 | ALL | 504572 | 3634076 | 2.46E-07 | 1.28YrCanc | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 458 | ALL | 504622 | 3634076 | 2.12E-07 | 1.28YrCanc | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 459 | ALL | 504672 | 3634076 | 1.93E-07 | 1.28YrCanc | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 460 | ALL | 504722 | 3634076 | 1.79E-07 | 1.28YrCanc | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 461 | ALL | 502722 | 3634126 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 462 | ALL | 502772 | 3634126 | 1.59E-07 | 1.28YrCanc | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 463 | ALL | 502822 | 3634126 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 464 | ALL | 502872 | 3634126 | 1.86E-07 | 1.28YrCanc | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 465 | ALL | 502922 | 3634126 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 466 | ALL | 502972 | 3634126 | 2.19E-07 | 1.28YrCanc | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 467 | ALL | 503022 | 3634126 | 2.40E-07 | 1.28YrCanc | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 468 | ALL | 503072 | 3634126 | 2.63E-07 | 1.28YrCanc | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 469 | ALL | 503122 | 3634126 | 2.91E-07 | 1.28YrCanc | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 470 | ALL | 503172 | 3634126 | 3.22E-07 | 1.28YrCanc | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 471 | ALL | 503222 | 3634126 | 3.58E-07 | 1.28YrCanc | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 472 | ALL | 503272 | 3634126 | 4.01E-07 | 1.28YrCanc | 4.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 473 | ALL | 503922 | 3634126 | 1.11E-06 | 1.28YrCanc | 1.11E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 474 | ALL | 503972 | 3634126 | 1.05E-06 | 1.28YrCanc | 1.05E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 475 | ALL | 504022 | 3634126 | 9.73E-07 | 1.28YrCanc | 9.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 476 | ALL | 504072 | 3634126 | 9.01E-07 | 1.28YrCanc | 9.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 477 | ALL | 504122 | 3634126 | 8.41E-07 | 1.28YrCanc | 8.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 478 | ALL | 504172 | 3634126 | 7.85E-07 | 1.28YrCanc | 7.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 479 | ALL | 504222 | 3634126 | 7.28E-07 | 1.28YrCanc | 7.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 480 | ALL | 504272 | 3634126 | 6.64E-07 | 1.28YrCanc | 6.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 481 | ALL | 504322 | 3634126 | 5.85E-07 | 1.28YrCanc | 5.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 482 | ALL | 504372 | 3634126 | 4.99E-07 | 1.28YrCanc | 4.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 483 | ALL | 504422 | 3634126 | 4.11E-07 | 1.28YrCanc | 4.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 484 | ALL | 504472 | 3634126 | 3.23E-07 | 1.28YrCanc | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 485 | ALL | 504522 | 3634126 | 2.78E-07 | 1.28YrCanc | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 486 | ALL | 504572 | 3634126 | 2.38E-07 | 1.28YrCanc | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 487 | ALL | 504622 | 3634126 | 2.09E-07 | 1.28YrCanc | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 488 | ALL | 504672 | 3634126 | 1.92E-07 | 1.28YrCanc | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 489 | ALL | 504722 | 3634126 | 1.75E-07 | 1.28YrCanc | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 490 | ALL | 502722 | 3634176 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 491 | ALL | 502772 | 3634176 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 492 | ALL | 502822 | 3634176 | 1.76E-07 | 1.28YrCanc | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 493 | ALL | 502872 | 3634176 | 1.91E-07 | 1.28YrCanc | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 494 | ALL | 502922 | 3634176 | 2.08E-07 | 1.28YrCanc | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 495 | ALL | 502972 | 3634176 | 2.27E-07 | 1.28YrCanc | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 496 | ALL | 503022 | 3634176 | 2.49E-07 | 1.28YrCanc | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 497 | ALL | 503072 | 3634176 | 2.75E-07 | 1.28YrCanc | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 498 | ALL | 503122 | 3634176 | 3.05E-07 | 1.28YrCanc | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 499 | ALL | 503172 | 3634176 | 3.40E-07 | 1.28YrCanc | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 500 | ALL | 503222 | 3634176 | 3.81E-07 | 1.28YrCanc | 3.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 501 | ALL | 503272 | 3634176 | 4.31E-07 | 1.28YrCanc | 4.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 502 | ALL | 503972 | 3634176 | 1.34E-06 | 1.28YrCanc | 1.34E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 503 | ALL | 504022 | 3634176 | 1.22E-06 | 1.28YrCanc | 1.22E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 504 | ALL | 504072 | 3634176 | 1.10E-06 | 1.28YrCanc | 1.10E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 505 | ALL | 504122 | 3634176 | 1.00E-06 | 1.28YrCanc | 1.00E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 506 | ALL | 504172 | 3634176 | 8.96E-07 | 1.28YrCanc | 8.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 507 | ALL | 504222 | 3634176 | 8.38E-07 | 1.28YrCanc | 8.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 508 | ALL | 504272 | 3634176 | 7.52E-07 | 1.28YrCanc | 7.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 509 | ALL | 504322 | 3634176 | 6.62E-07 | 1.28YrCanc | 6.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 510 | ALL | 504372 | 3634176 | 4.88E-07 | 1.28YrCanc | 4.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 511 | ALL | 504422 | 3634176 | 3.54E-07 | 1.28YrCanc | 3.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 512 | ALL | 504472 | 3634176 | 3.10E-07 | 1.28YrCanc | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 513 | ALL | 504522 | 3634176 | 2.71E-07 | 1.28YrCanc | 2.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 514 | ALL | 504572 | 3634176 | 2.27E-07 | 1.28YrCanc | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 515 | ALL | 504622 | 3634176 | 1.99E-07 | 1.28YrCanc | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 516 | ALL | 504672 | 3634176 | 1.79E-07 | 1.28YrCanc | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 517 | ALL | 504722 | 3634176 | 1.59E-07 | 1.28YrCanc | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 518 | ALL | 502722 | 3634226 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 519 | ALL | 502772 | 3634226 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 520 | ALL | 502822 | 3634226 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 521 | ALL | 502872 | 3634226 | 1.96E-07 | 1.28YrCanc | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 522 | ALL | 502922 | 3634226 | 2.14E-07 | 1.28YrCanc | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 523 | ALL | 502972 | 3634226 | 2.34E-07 | 1.28YrCanc | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 524 | ALL | 503022 | 3634226 | 2.58E-07 | 1.28YrCanc | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 525 | ALL | 503072 | 3634226 | 2.86E-07 | 1.28YrCanc | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 526 | ALL | 503122 | 3634226 | 3.19E-07 | 1.28YrCanc | 3.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 527 | ALL | 503172 | 3634226 | 3.58E-07 | 1.28YrCanc | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 528 | ALL | 503222 | 3634226 | 4.04E-07 | 1.28YrCanc | 4.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 529 | ALL | 503272 | 3634226 | 4.61E-07 | 1.28YrCanc | 4.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 530 | ALL | 504072 | 3634226 | 1.37E-06 | 1.28YrCanc | 1.37E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 531 | ALL | 504122 | 3634226 | 1.18E-06 | 1.28YrCanc | 1.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 532 | ALL | 504172 | 3634226 | 1.04E-06 | 1.28YrCanc | 1.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 533 | ALL | 504222 | 3634226 | 8.93E-07 | 1.28YrCanc | 8.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 534 | ALL | 504272 | 3634226 | 8.19E-07 | 1.28YrCanc | 8.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 535 | ALL | 504322 | 3634226 | 7.04E-07 | 1.28YrCanc | 7.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 536 | ALL | 504372 | 3634226 | 4.78E-07 | 1.28YrCanc | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 537 | ALL | 504422 | 3634226 | 3.46E-07 | 1.28YrCanc | 3.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 538 | ALL | 504472 | 3634226 | 3.03E-07 | 1.28YrCanc | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 539 | ALL | 504522 | 3634226 | 2.63E-07 | 1.28YrCanc | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 540 | ALL | 504572 | 3634226 | 2.22E-07 | 1.28YrCanc | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 541 | ALL | 504622 | 3634226 | 1.91E-07 | 1.28YrCanc | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 542 | ALL | 504672 | 3634226 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 543 | ALL | 504722 | 3634226 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 544 | ALL | 502722 | 3634276 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 545 | ALL | 502772 | 3634276 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 546 | ALL | 502822 | 3634276 | 1.84E-07 | 1.28YrCanc | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 547 | ALL | 502872 | 3634276 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 548 | ALL | 502922 | 3634276 | 2.19E-07 | 1.28YrCanc | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 549 | ALL | 502972 | 3634276 | 2.41E-07 | 1.28YrCanc | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 550 | ALL | 503022 | 3634276 | 2.66E-07 | 1.28YrCanc | 2.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 551 | ALL | 503072 | 3634276 | 2.96E-07 | 1.28YrCanc | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 552 | ALL | 503122 | 3634276 | 3.31E-07 | 1.28YrCanc | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 553 | ALL | 503172 | 3634276 | 3.74E-07 | 1.28YrCanc | 3.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 554 | ALL | 503222 | 3634276 | 4.25E-07 | 1.28YrCanc | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 555 | ALL | 503272 | 3634276 | 4.90E-07 | 1.28YrCanc | 4.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 556 | ALL | 504122 | 3634276 | 1.39E-06 | 1.28YrCanc | 1.39E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 557 | ALL | 504172 | 3634276 | 1.15E-06 | 1.28YrCanc | 1.15E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 558 | ALL | 504222 | 3634276 | 1.01E-06 | 1.28YrCanc | 1.01E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 559 | ALL | 504272 | 3634276 | 8.57E-07 | 1.28YrCanc | 8.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 560 | ALL | 504322 | 3634276 | 7.08E-07 | 1.28YrCanc | 7.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 561 | ALL | 504372 | 3634276 | 5.16E-07 | 1.28YrCanc | 5.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 562 | ALL | 504422 | 3634276 | 3.71E-07 | 1.28YrCanc | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 563 | ALL | 504472 | 3634276 | 2.98E-07 | 1.28YrCanc | 2.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 564 | ALL | 504522 | 3634276 | 2.47E-07 | 1.28YrCanc | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 565 | ALL | 504572 | 3634276 | 2.07E-07 | 1.28YrCanc | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 566 | ALL | 504622 | 3634276 | 1.79E-07 | 1.28YrCanc | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 567 | ALL | 504672 | 3634276 | 1.56E-07 | 1.28YrCanc | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 568 | ALL | 504722 | 3634276 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 569 | ALL | 502722 | 3634326 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 570 | ALL | 502772 | 3634326 | 1.71E-07 | 1.28YrCanc | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 571 | ALL | 502822 | 3634326 | 1.86E-07 | 1.28YrCanc | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 572 | ALL | 502872 | 3634326 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 573 | ALL | 502972 | 3634326 | 2.46E-07 | 1.28YrCanc | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 574 | ALL | 503022 | 3634326 | 2.73E-07 | 1.28YrCanc | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 575 | ALL | 503072 | 3634326 | 3.04E-07 | 1.28YrCanc | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 576 | ALL | 503122 | 3634326 | 3.42E-07 | 1.28YrCanc | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 577 | ALL | 503172 | 3634326 | 3.88E-07 | 1.28YrCanc | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 578 | ALL | 503222 | 3634326 | 4.44E-07 | 1.28YrCanc | 4.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 579 | ALL | 503272 | 3634326 | 5.15E-07 | 1.28YrCanc | 5.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 580 | ALL | 504172 | 3634326 | 1.26E-06 | 1.28YrCanc | 1.26E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 581 | ALL | 504222 | 3634326 | 1.04E-06 | 1.28YrCanc | 1.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 582 | ALL | 504272 | 3634326 | 8.68E-07 | 1.28YrCanc | 8.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 583 | ALL | 504322 | 3634326 | 7.16E-07 | 1.28YrCanc | 7.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 584 | ALL | 504372 | 3634326 | 5.56E-07 | 1.28YrCanc | 5.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 585 | ALL | 504422 | 3634326 | 3.83E-07 | 1.28YrCanc | 3.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 586 | ALL | 504472 | 3634326 | 2.96E-07 | 1.28YrCanc | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 587 | ALL | 504522 | 3634326 | 2.37E-07 | 1.28YrCanc | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 588 | ALL | 504572 | 3634326 | 1.96E-07 | 1.28YrCanc | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 589 | ALL | 504622 | 3634326 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 590 | ALL | 504672 | 3634326 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 591 | ALL | 504722 | 3634326 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 592 | ALL | 502722 | 3634376 | 1.60E-07 | 1.28YrCanc | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 593 | ALL | 502772 | 3634376 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 594 | ALL | 502822 | 3634376 | 1.88E-07 | 1.28YrCanc | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 595 | ALL | 503022 | 3634376 | 2.77E-07 | 1.28YrCanc | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 596 | ALL | 503072 | 3634376 | 3.11E-07 | 1.28YrCanc | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 597 | ALL | 503122 | 3634376 | 3.50E-07 | 1.28YrCanc | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 598 | ALL | 503172 | 3634376 | 3.98E-07 | 1.28YrCanc | 3.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 599 | ALL | 503222 | 3634376 | 4.58E-07 | 1.28YrCanc | 4.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 600 | ALL | 503272 | 3634376 | 5.35E-07 | 1.28YrCanc | 5.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 601 | ALL | 504222 | 3634376 | 1.06E-06 | 1.28YrCanc | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 602 | ALL | 504272 | 3634376 | 8.64E-07 | 1.28YrCanc | 8.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 603 | ALL | 504322 | 3634376 | 7.22E-07 | 1.28YrCanc | 7.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 604 | ALL | 504372 | 3634376 | 5.25E-07 | 1.28YrCanc | 5.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 605 | ALL | 504422 | 3634376 | 3.36E-07 | 1.28YrCanc | 3.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 606 | ALL | 504472 | 3634376 | 2.60E-07 | 1.28YrCanc | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 607 | ALL | 504522 | 3634376 | 2.16E-07 | 1.28YrCanc | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 608 | ALL | 504572 | 3634376 | 1.86E-07 | 1.28YrCanc | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 609 | ALL | 504622 | 3634376 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 610 | ALL | 504672 | 3634376 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 611 | ALL | 504722 | 3634376 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 612 | ALL | 502722 | 3634426 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 613 | ALL | 502772 | 3634426 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 614 | ALL | 502822 | 3634426 | 1.90E-07 | 1.28YrCanc | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 615 | ALL | 504272 | 3634426 | 8.44E-07 | 1.28YrCanc | 8.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 616 | ALL | 504322 | 3634426 | 7.09E-07 | 1.28YrCanc | 7.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 617 | ALL | 504372 | 3634426 | 5.45E-07 | 1.28YrCanc | 5.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 618 | ALL | 504422 | 3634426 | 3.59E-07 | 1.28YrCanc | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 619 | ALL | 504472 | 3634426 | 2.65E-07 | 1.28YrCanc | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 620 | ALL | 504522 | 3634426 | 2.19E-07 | 1.28YrCanc | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 621 | ALL | 504572 | 3634426 | 1.93E-07 | 1.28YrCanc | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 622 | ALL | 504622 | 3634426 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 623 | ALL | 504672 | 3634426 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 624 | ALL | 504722 | 3634426 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 625 | ALL | 502722 | 3634476 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 626 | ALL | 502772 | 3634476 | 1.76E-07 | 1.28YrCanc | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 627 | ALL | 502822 | 3634476 | 1.92E-07 | 1.28YrCanc | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 628 | ALL | 504322 | 3634476 | 6.86E-07 | 1.28YrCanc | 6.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 629 | ALL | 504372 | 3634476 | 5.84E-07 | 1.28YrCanc | 5.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 630 | ALL | 504422 | 3634476 | 4.71E-07 | 1.28YrCanc | 4.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 631 | ALL | 504472 | 3634476 | 3.33E-07 | 1.28YrCanc | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 632 | ALL | 504522 | 3634476 | 2.65E-07 | 1.28YrCanc | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 633 | ALL | 504572 | 3634476 | 2.30E-07 | 1.28YrCanc | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 634 | ALL | 504622 | 3634476 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 635 | ALL | 504672 | 3634476 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 636 | ALL | 504722 | 3634476 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 637 | ALL | 502722 | 3634526 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 638 | ALL | 502772 | 3634526 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 639 | ALL | 504372 | 3634526 | 5.64E-07 | 1.28YrCanc | 5.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 640 | ALL | 504422 | 3634526 | 4.87E-07 | 1.28YrCanc | 4.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 641 | ALL | 504472 | 3634526 | 4.28E-07 | 1.28YrCanc | 4.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 642 | ALL | 504522 | 3634526 | 3.63E-07 | 1.28YrCanc | 3.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 643 | ALL | 504572 | 3634526 | 3.10E-07 | 1.28YrCanc | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 644 | ALL | 504622 | 3634526 | 2.58E-07 | 1.28YrCanc | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 645 | ALL | 504672 | 3634526 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 646 | ALL | 504722 | 3634526 | 1.66E-07 | 1.28YrCanc | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 647 | ALL | 502722 | 3634576 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 648 | ALL | 502772 | 3634576 | 1.76E-07 | 1.28YrCanc | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 649 | ALL | 504422 | 3634576 | 4.73E-07 | 1.28YrCanc | 4.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 650 | ALL | 504472 | 3634576 | 4.14E-07 | 1.28YrCanc | 4.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 651 | ALL | 504522 | 3634576 | 3.67E-07 | 1.28YrCanc | 3.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 652 | ALL | 504572 | 3634576 | 3.33E-07 | 1.28YrCanc | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 653 | ALL | 504622 | 3634576 | 2.90E-07 | 1.28YrCanc | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 654 | ALL | 504672 | 3634576 | 2.41E-07 | 1.28YrCanc | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 655 | ALL | 504722 | 3634576 | 1.99E-07 | 1.28YrCanc | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 656 | ALL | 502722 | 3634626 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 657 | ALL | 502772 | 3634626 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 658 | ALL | 502822 | 3634626 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 659 | ALL | 502872 | 3634626 | 2.07E-07 | 1.28YrCanc | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 660 | ALL | 502922 | 3634626 | 2.26E-07 | 1.28YrCanc | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 661 | ALL | 502972 | 3634626 | 2.49E-07 | 1.28YrCanc | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 662 | ALL | 503022 | 3634626 | 2.76E-07 | 1.28YrCanc | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 663 | ALL | 503072 | 3634626 | 3.07E-07 | 1.28YrCanc | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 664 | ALL | 503122 | 3634626 | 3.45E-07 | 1.28YrCanc | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 665 | ALL | 504472 | 3634626 | 4.00E-07 | 1.28YrCanc | 4.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 666 | ALL | 504522 | 3634626 | 3.55E-07 | 1.28YrCanc | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 667 | ALL | 504572 | 3634626 | 3.18E-07 | 1.28YrCanc | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 668 | ALL | 504622 | 3634626 | 2.92E-07 | 1.28YrCanc | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 669 | ALL | 504672 | 3634626 | 2.66E-07 | 1.28YrCanc | 2.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 670 | ALL | 504722 | 3634626 | 2.36E-07 | 1.28YrCanc | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 671 | ALL | 502722 | 3634676 | 1.60E-07 | 1.28YrCanc | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 672 | ALL | 502772 | 3634676 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 673 | ALL | 502822 | 3634676 | 1.87E-07 | 1.28YrCanc | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 674 | ALL | 502872 | 3634676 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 675 | ALL | 502922 | 3634676 | 2.22E-07 | 1.28YrCanc | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 676 | ALL | 502972 | 3634676 | 2.44E-07 | 1.28YrCanc | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 677 | ALL | 503022 | 3634676 | 2.69E-07 | 1.28YrCanc | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 678 | ALL | 503072 | 3634676 | 2.98E-07 | 1.28YrCanc | 2.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 679 | ALL | 503122 | 3634676 | 3.34E-07 | 1.28YrCanc | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 680 | ALL | 503172 | 3634676 | 3.75E-07 | 1.28YrCanc | 3.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 681 | ALL | 503222 | 3634676 | 4.26E-07 | 1.28YrCanc | 4.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 682 | ALL | 503272 | 3634676 | 4.87E-07 | 1.28YrCanc | 4.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 683 | ALL | 503322 | 3634676 | 5.63E-07 | 1.28YrCanc | 5.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 684 | ALL | 503372 | 3634676 | 6.59E-07 | 1.28YrCanc | 6.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 685 | ALL | 503422 | 3634676 | 7.82E-07 | 1.28YrCanc | 7.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 686 | ALL | 503472 | 3634676 | 9.36E-07 | 1.28YrCanc | 9.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 687 | ALL | 503522 | 3634676 | 1.14E-06 | 1.28YrCanc | 1.14E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 688 | ALL | 504522 | 3634676 | 3.43E-07 | 1.28YrCanc | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 689 | ALL | 504572 | 3634676 | 3.08E-07 | 1.28YrCanc | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 690 | ALL | 504622 | 3634676 | 2.79E-07 | 1.28YrCanc | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 691 | ALL | 504672 | 3634676 | 2.55E-07 | 1.28YrCanc | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 692 | ALL | 504722 | 3634676 | 2.35E-07 | 1.28YrCanc | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 693 | ALL | 502722 | 3634726 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 694 | ALL | 502772 | 3634726 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 695 | ALL | 502822 | 3634726 | 1.83E-07 | 1.28YrCanc | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 696 | ALL | 502872 | 3634726 | 1.99E-07 | 1.28YrCanc | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 697 | ALL | 502922 | 3634726 | 2.17E-07 | 1.28YrCanc | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 698 | ALL | 502972 | 3634726 | 2.37E-07 | 1.28YrCanc | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 699 | ALL | 503022 | 3634726 | 2.61E-07 | 1.28YrCanc | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 700 | ALL | 503072 | 3634726 | 2.88E-07 | 1.28YrCanc | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 701 | ALL | 503122 | 3634726 | 3.20E-07 | 1.28YrCanc | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 702 | ALL | 503172 | 3634726 | 3.58E-07 | 1.28YrCanc | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 703 | ALL | 503222 | 3634726 | 4.03E-07 | 1.28YrCanc | 4.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 704 | ALL | 503272 | 3634726 | 4.57E-07 | 1.28YrCanc | 4.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 705 | ALL | 503322 | 3634726 | 5.23E-07 | 1.28YrCanc | 5.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 706 | ALL | 503372 | 3634726 | 6.03E-07 | 1.28YrCanc | 6.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 707 | ALL | 503422 | 3634726 | 7.02E-07 | 1.28YrCanc | 7.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 708 | ALL | 503472 | 3634726 | 8.20E-07 | 1.28YrCanc | 8.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 709 | ALL | 503522 | 3634726 | 9.65E-07 | 1.28YrCanc | 9.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 710 | ALL | 503572 | 3634726 | 1.14E-06 | 1.28YrCanc | 1.14E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 711 | ALL | 503622 | 3634726 | 1.33E-06 | 1.28YrCanc | 1.33E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 712 | ALL | 504572 | 3634726 | 2.96E-07 | 1.28YrCanc | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 713 | ALL | 504622 | 3634726 | 2.68E-07 | 1.28YrCanc | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 714 | ALL | 504672 | 3634726 | 2.45E-07 | 1.28YrCanc | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 715 | ALL | 504722 | 3634726 | 2.26E-07 | 1.28YrCanc | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 716 | ALL | 502722 | 3634776 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 717 | ALL | 502772 | 3634776 | 1.66E-07 | 1.28YrCanc | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 718 | ALL | 502822 | 3634776 | 1.79E-07 | 1.28YrCanc | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 719 | ALL | 502872 | 3634776 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 720 | ALL | 502922 | 3634776 | 2.10E-07 | 1.28YrCanc | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 721 | ALL | 502972 | 3634776 | 2.29E-07 | 1.28YrCanc | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 722 | ALL | 503022 | 3634776 | 2.51E-07 | 1.28YrCanc | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 723 | ALL | 503072 | 3634776 | 2.76E-07 | 1.28YrCanc | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 724 | ALL | 503122 | 3634776 | 3.05E-07 | 1.28YrCanc | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 725 | ALL | 503172 | 3634776 | 3.39E-07 | 1.28YrCanc | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 726 | ALL | 503222 | 3634776 | 3.79E-07 | 1.28YrCanc | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 727 | ALL | 503272 | 3634776 | 4.26E-07 | 1.28YrCanc | 4.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 728 | ALL | 503322 | 3634776 | 4.82E-07 | 1.28YrCanc | 4.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 729 | ALL | 503372 | 3634776 | 5.48E-07 | 1.28YrCanc | 5.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 730 | ALL | 503422 | 3634776 | 6.27E-07 | 1.28YrCanc | 6.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 731 | ALL | 503472 | 3634776 | 7.17E-07 | 1.28YrCanc | 7.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 732 | ALL | 503522 | 3634776 | 8.22E-07 | 1.28YrCanc | 8.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 733 | ALL | 503572 | 3634776 | 9.39E-07 | 1.28YrCanc | 9.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 734 | ALL | 503622 | 3634776 | 1.06E-06 | 1.28YrCanc | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 735 | ALL | 503672 | 3634776 | 1.18E-06 | 1.28YrCanc | 1.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 736 | ALL | 503722 | 3634776 | 1.28E-06 | 1.28YrCanc | 1.28E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 737 | ALL | 503772 | 3634776 | 1.35E-06 | 1.28YrCanc | 1.35E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 738 | ALL | 503822 | 3634776 | 1.37E-06 | 1.28YrCanc | 1.37E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 739 | ALL | 504622 | 3634776 | 2.58E-07 | 1.28YrCanc | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 740 | ALL | 504672 | 3634776 | 2.36E-07 | 1.28YrCanc | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 741 | ALL | 504722 | 3634776 | 2.18E-07 | 1.28YrCanc | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 742 | ALL | 502722 | 3634826 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 743 | ALL | 502772 | 3634826 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 744 | ALL | 502822 | 3634826 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 745 | ALL | 502872 | 3634826 | 1.88E-07 | 1.28YrCanc | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 746 | ALL | 502922 | 3634826 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 747 | ALL | 502972 | 3634826 | 2.21E-07 | 1.28YrCanc | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 748 | ALL | 503022 | 3634826 | 2.41E-07 | 1.28YrCanc | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 749 | ALL | 503072 | 3634826 | 2.64E-07 | 1.28YrCanc | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 750 | ALL | 503122 | 3634826 | 2.90E-07 | 1.28YrCanc | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 751 | ALL | 503172 | 3634826 | 3.20E-07 | 1.28YrCanc | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 752 | ALL | 503222 | 3634826 | 3.55E-07 | 1.28YrCanc | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 753 | ALL | 503272 | 3634826 | 3.96E-07 | 1.28YrCanc | 3.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 754 | ALL | 503322 | 3634826 | 4.43E-07 | 1.28YrCanc | 4.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 755 | ALL | 503372 | 3634826 | 4.97E-07 | 1.28YrCanc | 4.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 756 | ALL | 503422 | 3634826 | 5.58E-07 | 1.28YrCanc | 5.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 757 | ALL | 503472 | 3634826 | 6.27E-07 | 1.28YrCanc | 6.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 758 | ALL | 503522 | 3634826 | 7.03E-07 | 1.28YrCanc | 7.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 759 | ALL | 503572 | 3634826 | 7.84E-07 | 1.28YrCanc | 7.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 760 | ALL | 503622 | 3634826 | 8.64E-07 | 1.28YrCanc | 8.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 761 | ALL | 503672 | 3634826 | 9.37E-07 | 1.28YrCanc | 9.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 762 | ALL | 503722 | 3634826 | 9.97E-07 | 1.28YrCanc | 9.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 763 | ALL | 503772 | 3634826 | 1.04E-06 | 1.28YrCanc | 1.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 764 | ALL | 503822 | 3634826 | 1.05E-06 | 1.28YrCanc | 1.05E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 765 | ALL | 503872 | 3634826 | 1.04E-06 | 1.28YrCanc | 1.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 766 | ALL | 503922 | 3634826 | 9.98E-07 | 1.28YrCanc | 9.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 767 | ALL | 504672 | 3634826 | 2.27E-07 | 1.28YrCanc | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 768 | ALL | 504722 | 3634826 | 2.09E-07 | 1.28YrCanc | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 769 | ALL | 502722 | 3634876 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 770 | ALL | 502772 | 3634876 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 771 | ALL | 502822 | 3634876 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 772 | ALL | 502872 | 3634876 | 1.81E-07 | 1.28YrCanc | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 773 | ALL | 502922 | 3634876 | 1.96E-07 | 1.28YrCanc | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 774 | ALL | 502972 | 3634876 | 2.12E-07 | 1.28YrCanc | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 775 | ALL | 503022 | 3634876 | 2.30E-07 | 1.28YrCanc | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 776 | ALL | 503072 | 3634876 | 2.51E-07 | 1.28YrCanc | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 777 | ALL | 503122 | 3634876 | 2.74E-07 | 1.28YrCanc | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 778 | ALL | 503172 | 3634876 | 3.01E-07 | 1.28YrCanc | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 779 | ALL | 503222 | 3634876 | 3.32E-07 | 1.28YrCanc | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 780 | ALL | 503272 | 3634876 | 3.66E-07 | 1.28YrCanc | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 781 | ALL | 503322 | 3634876 | 4.05E-07 | 1.28YrCanc | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 782 | ALL | 503372 | 3634876 | 4.49E-07 | 1.28YrCanc | 4.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 783 | ALL | 503422 | 3634876 | 4.98E-07 | 1.28YrCanc | 4.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 784 | ALL | 503472 | 3634876 | 5.50E-07 | 1.28YrCanc | 5.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 785 | ALL | 503522 | 3634876 | 6.05E-07 | 1.28YrCanc | 6.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 786 | ALL | 503572 | 3634876 | 6.62E-07 | 1.28YrCanc | 6.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 787 | ALL | 503622 | 3634876 | 7.16E-07 | 1.28YrCanc | 7.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 788 | ALL | 503672 | 3634876 | 7.65E-07 | 1.28YrCanc | 7.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 789 | ALL | 503722 | 3634876 | 8.02E-07 | 1.28YrCanc | 8.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 790 | ALL | 503772 | 3634876 | 8.26E-07 | 1.28YrCanc | 8.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 791 | ALL | 503822 | 3634876 | 8.35E-07 | 1.28YrCanc | 8.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 792 | ALL | 503872 | 3634876 | 8.28E-07 | 1.28YrCanc | 8.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 793 | ALL | 503922 | 3634876 | 8.29E-07 | 1.28YrCanc | 8.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 794 | ALL | 504722 | 3634876 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 795 | ALL | 502722 | 3634926 | 1.42E-07 | 1.28YrCanc | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 796 | ALL | 502772 | 3634926 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 797 | ALL | 502822 | 3634926 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 798 | ALL | 502872 | 3634926 | 1.75E-07 | 1.28YrCanc | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 799 | ALL | 502922 | 3634926 | 1.88E-07 | 1.28YrCanc | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 800 | ALL | 502972 | 3634926 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 801 | ALL | 503022 | 3634926 | 2.20E-07 | 1.28YrCanc | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 802 | ALL | 503072 | 3634926 | 2.38E-07 | 1.28YrCanc | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 803 | ALL | 503122 | 3634926 | 2.59E-07 | 1.28YrCanc | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 804 | ALL | 503172 | 3634926 | 2.83E-07 | 1.28YrCanc | 2.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 805 | ALL | 503222 | 3634926 | 3.09E-07 | 1.28YrCanc | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 806 | ALL | 503272 | 3634926 | 3.38E-07 | 1.28YrCanc | 3.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 807 | ALL | 503322 | 3634926 | 3.71E-07 | 1.28YrCanc | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 808 | ALL | 503372 | 3634926 | 4.06E-07 | 1.28YrCanc | 4.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 809 | ALL | 503422 | 3634926 | 4.44E-07 | 1.28YrCanc | 4.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 810 | ALL | 503472 | 3634926 | 4.85E-07 | 1.28YrCanc | 4.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 811 | ALL | 503522 | 3634926 | 5.26E-07 | 1.28YrCanc | 5.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 812 | ALL | 503572 | 3634926 | 5.66E-07 | 1.28YrCanc | 5.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 813 | ALL | 503622 | 3634926 | 6.05E-07 | 1.28YrCanc | 6.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 814 | ALL | 503672 | 3634926 | 6.37E-07 | 1.28YrCanc | 6.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 815 | ALL | 503722 | 3634926 | 6.56E-07 | 1.28YrCanc | 6.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 816 | ALL | 503772 | 3634926 | 6.75E-07 | 1.28YrCanc | 6.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 817 | ALL | 503822 | 3634926 | 6.93E-07 | 1.28YrCanc | 6.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 818 | ALL | 503872 | 3634926 | 7.05E-07 | 1.28YrCanc | 7.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 819 | ALL | 502722 | 3634976 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 820 | ALL | 502772 | 3634976 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 821 | ALL | 502822 | 3634976 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 822 | ALL | 502872 | 3634976 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 823 | ALL | 502922 | 3634976 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 824 | ALL | 502972 | 3634976 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 825 | ALL | 503022 | 3634976 | 2.09E-07 | 1.28YrCanc | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 826 | ALL | 503072 | 3634976 | 2.26E-07 | 1.28YrCanc | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 827 | ALL | 503122 | 3634976 | 2.45E-07 | 1.28YrCanc | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 828 | ALL | 503172 | 3634976 | 2.65E-07 | 1.28YrCanc | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 829 | ALL | 503222 | 3634976 | 2.88E-07 | 1.28YrCanc | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 830 | ALL | 503272 | 3634976 | 3.13E-07 | 1.28YrCanc | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 831 | ALL | 503322 | 3634976 | 3.40E-07 | 1.28YrCanc | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 832 | ALL | 503372 | 3634976 | 3.68E-07 | 1.28YrCanc | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 833 | ALL | 503422 | 3634976 | 3.98E-07 | 1.28YrCanc | 3.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 834 | ALL | 503472 | 3634976 | 4.29E-07 | 1.28YrCanc | 4.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 835 | ALL | 503522 | 3634976 | 4.60E-07 | 1.28YrCanc | 4.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 836 | ALL | 503572 | 3634976 | 4.90E-07 | 1.28YrCanc | 4.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 837 | ALL | 503622 | 3634976 | 5.18E-07 | 1.28YrCanc | 5.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 838 | ALL | 503672 | 3634976 | 5.41E-07 | 1.28YrCanc | 5.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 839 | ALL | 503722 | 3634976 | 5.51E-07 | 1.28YrCanc | 5.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 840 | ALL | 503772 | 3634976 | 5.75E-07 | 1.28YrCanc | 5.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 841 | ALL | 503822 | 3634976 | 5.90E-07 | 1.28YrCanc | 5.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 842 | ALL | 503872 | 3634976 | 5.77E-07 | 1.28YrCanc | 5.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 843 | ALL | 502722 | 3635026 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 844 | ALL | 502772 | 3635026 | 1.42E-07 | 1.28YrCanc | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 845 | ALL | 502822 | 3635026 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 846 | ALL | 502872 | 3635026 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 847 | ALL | 502922 | 3635026 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 848 | ALL | 502972 | 3635026 | 1.85E-07 | 1.28YrCanc | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 849 | ALL | 503022 | 3635026 | 1.99E-07 | 1.28YrCanc | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 850 | ALL | 503072 | 3635026 | 2.14E-07 | 1.28YrCanc | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 851 | ALL | 503122 | 3635026 | 2.30E-07 | 1.28YrCanc | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 852 | ALL | 503172 | 3635026 | 2.48E-07 | 1.28YrCanc | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 853 | ALL | 503222 | 3635026 | 2.68E-07 | 1.28YrCanc | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 854 | ALL | 503272 | 3635026 | 2.89E-07 | 1.28YrCanc | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 855 | ALL | 503322 | 3635026 | 3.11E-07 | 1.28YrCanc | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 856 | ALL | 503372 | 3635026 | 3.34E-07 | 1.28YrCanc | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 857 | ALL | 503422 | 3635026 | 3.58E-07 | 1.28YrCanc | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 858 | ALL | 503472 | 3635026 | 3.82E-07 | 1.28YrCanc | 3.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 859 | ALL | 503522 | 3635026 | 4.06E-07 | 1.28YrCanc | 4.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 860 | ALL | 503572 | 3635026 | 4.28E-07 | 1.28YrCanc | 4.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 861 | ALL | 503622 | 3635026 | 4.48E-07 | 1.28YrCanc | 4.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 862 | ALL | 503672 | 3635026 | 4.63E-07 | 1.28YrCanc | 4.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 863 | ALL | 503722 | 3635026 | 4.78E-07 | 1.28YrCanc | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 864 | ALL | 503772 | 3635026 | 4.94E-07 | 1.28YrCanc | 4.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 865 | ALL | 503822 | 3635026 | 5.05E-07 | 1.28YrCanc | 5.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 866 | ALL | 504372 | 3635026 | 2.91E-07 | 1.28YrCanc | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 867 | ALL | 502722 | 3635076 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 868 | ALL | 502772 | 3635076 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 869 | ALL | 502822 | 3635076 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 870 | ALL | 502872 | 3635076 | 1.55E-07 | 1.28YrCanc | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 871 | ALL | 502922 | 3635076 | 1.66E-07 | 1.28YrCanc | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 872 | ALL | 502972 | 3635076 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 873 | ALL | 503022 | 3635076 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 874 | ALL | 503072 | 3635076 | 2.02E-07 | 1.28YrCanc | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 875 | ALL | 503122 | 3635076 | 2.17E-07 | 1.28YrCanc | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 876 | ALL | 503172 | 3635076 | 2.32E-07 | 1.28YrCanc | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 877 | ALL | 503222 | 3635076 | 2.49E-07 | 1.28YrCanc | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 878 | ALL | 503272 | 3635076 | 2.67E-07 | 1.28YrCanc | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 879 | ALL | 503322 | 3635076 | 2.85E-07 | 1.28YrCanc | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 880 | ALL | 503372 | 3635076 | 3.04E-07 | 1.28YrCanc | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 881 | ALL | 503422 | 3635076 | 3.23E-07 | 1.28YrCanc | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 882 | ALL | 503472 | 3635076 | 3.42E-07 | 1.28YrCanc | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 883 | ALL | 503522 | 3635076 | 3.60E-07 | 1.28YrCanc | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 884 | ALL | 503572 | 3635076 | 3.77E-07 | 1.28YrCanc | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 885 | ALL | 503622 | 3635076 | 3.92E-07 | 1.28YrCanc | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 886 | ALL | 503672 | 3635076 | 4.02E-07 | 1.28YrCanc | 4.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 887 | ALL | 503722 | 3635076 | 4.14E-07 | 1.28YrCanc | 4.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 888 | ALL | 503772 | 3635076 | 4.29E-07 | 1.28YrCanc | 4.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 889 | ALL | 503822 | 3635076 | 4.30E-07 | 1.28YrCanc | 4.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 890 | ALL | 504372 | 3635076 | 2.69E-07 | 1.28YrCanc | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 891 | ALL | 504422 | 3635076 | 2.51E-07 | 1.28YrCanc | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 892 | ALL | 504472 | 3635076 | 2.35E-07 | 1.28YrCanc | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 893 | ALL | 504522 | 3635076 | 2.20E-07 | 1.28YrCanc | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 894 | ALL | 502722 | 3635126 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 895 | ALL | 502772 | 3635126 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 896 | ALL | 502822 | 3635126 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 897 | ALL | 502872 | 3635126 | 1.49E-07 | 1.28YrCanc | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 898 | ALL | 502922 | 3635126 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 899 | ALL | 502972 | 3635126 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 900 | ALL | 503022 | 3635126 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 901 | ALL | 503072 | 3635126 | 1.91E-07 | 1.28YrCanc | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 902 | ALL | 503122 | 3635126 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 903 | ALL | 503172 | 3635126 | 2.17E-07 | 1.28YrCanc | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 904 | ALL | 503222 | 3635126 | 2.32E-07 | 1.28YrCanc | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 905 | ALL | 503272 | 3635126 | 2.46E-07 | 1.28YrCanc | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 906 | ALL | 503322 | 3635126 | 2.61E-07 | 1.28YrCanc | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 907 | ALL | 503372 | 3635126 | 2.77E-07 | 1.28YrCanc | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 908 | ALL | 503422 | 3635126 | 2.92E-07 | 1.28YrCanc | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 909 | ALL | 503472 | 3635126 | 3.07E-07 | 1.28YrCanc | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 910 | ALL | 503522 | 3635126 | 3.22E-07 | 1.28YrCanc | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 911 | ALL | 503572 | 3635126 | 3.33E-07 | 1.28YrCanc | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 912 | ALL | 503622 | 3635126 | 3.45E-07 | 1.28YrCanc | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 913 | ALL | 503672 | 3635126 | 3.52E-07 | 1.28YrCanc | 3.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 914 | ALL | 503722 | 3635126 | 3.69E-07 | 1.28YrCanc | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 915 | ALL | 503772 | 3635126 | 3.79E-07 | 1.28YrCanc | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 916 | ALL | 503822 | 3635126 | 3.78E-07 | 1.28YrCanc | 3.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 917 | ALL | 504372 | 3635126 | 2.49E-07 | 1.28YrCanc | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 918 | ALL | 504422 | 3635126 | 2.34E-07 | 1.28YrCanc | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 919 | ALL | 504472 | 3635126 | 2.20E-07 | 1.28YrCanc | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 920 | ALL | 504522 | 3635126 | 2.06E-07 | 1.28YrCanc | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 921 | ALL | 504572 | 3635126 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 922 | ALL | 502722 | 3635176 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 923 | ALL | 502772 | 3635176 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 924 | ALL | 502822 | 3635176 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 925 | ALL | 502872 | 3635176 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 926 | ALL | 502922 | 3635176 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 927 | ALL | 502972 | 3635176 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 928 | ALL | 503022 | 3635176 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 929 | ALL | 503072 | 3635176 | 1.81E-07 | 1.28YrCanc | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 930 | ALL | 503122 | 3635176 | 1.92E-07 | 1.28YrCanc | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 931 | ALL | 503172 | 3635176 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 932 | ALL | 503222 | 3635176 | 2.15E-07 | 1.28YrCanc | 2.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 933 | ALL | 503272 | 3635176 | 2.28E-07 | 1.28YrCanc | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 934 | ALL | 503322 | 3635176 | 2.40E-07 | 1.28YrCanc | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 935 | ALL | 503372 | 3635176 | 2.53E-07 | 1.28YrCanc | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 936 | ALL | 503422 | 3635176 | 2.66E-07 | 1.28YrCanc | 2.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 937 | ALL | 503472 | 3635176 | 2.78E-07 | 1.28YrCanc | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 938 | ALL | 503522 | 3635176 | 2.89E-07 | 1.28YrCanc | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 939 | ALL | 503572 | 3635176 | 2.97E-07 | 1.28YrCanc | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 940 | ALL | 503622 | 3635176 | 3.06E-07 | 1.28YrCanc | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 941 | ALL | 503672 | 3635176 | 3.15E-07 | 1.28YrCanc | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 942 | ALL | 503722 | 3635176 | 3.30E-07 | 1.28YrCanc | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 943 | ALL | 503772 | 3635176 | 3.31E-07 | 1.28YrCanc | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 944 | ALL | 503822 | 3635176 | 3.15E-07 | 1.28YrCanc | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 945 | ALL | 504372 | 3635176 | 2.30E-07 | 1.28YrCanc | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 946 | ALL | 504422 | 3635176 | 2.17E-07 | 1.28YrCanc | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 947 | ALL | 504472 | 3635176 | 2.05E-07 | 1.28YrCanc | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 948 | ALL | 504522 | 3635176 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 949 | ALL | 504572 | 3635176 | 1.83E-07 | 1.28YrCanc | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 950 | ALL | 504622 | 3635176 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 951 | ALL | 502722 | 3635226 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 952 | ALL | 502772 | 3635226 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 953 | ALL | 502822 | 3635226 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 954 | ALL | 502872 | 3635226 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 955 | ALL | 502922 | 3635226 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 956 | ALL | 502972 | 3635226 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 957 | ALL | 503022 | 3635226 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 958 | ALL | 503072 | 3635226 | 1.71E-07 | 1.28YrCanc | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 959 | ALL | 503122 | 3635226 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 960 | ALL | 503172 | 3635226 | 1.90E-07 | 1.28YrCanc | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 961 | ALL | 503222 | 3635226 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 962 | ALL | 503272 | 3635226 | 2.11E-07 | 1.28YrCanc | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 963 | ALL | 503322 | 3635226 | 2.22E-07 | 1.28YrCanc | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 964 | ALL | 503372 | 3635226 | 2.32E-07 | 1.28YrCanc | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 965 | ALL | 503422 | 3635226 | 2.43E-07 | 1.28YrCanc | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 966 | ALL | 503472 | 3635226 | 2.52E-07 | 1.28YrCanc | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 967 | ALL | 503522 | 3635226 | 2.61E-07 | 1.28YrCanc | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 968 | ALL | 503572 | 3635226 | 2.67E-07 | 1.28YrCanc | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 969 | ALL | 503622 | 3635226 | 2.76E-07 | 1.28YrCanc | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 970 | ALL | 503672 | 3635226 | 2.87E-07 | 1.28YrCanc | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 971 | ALL | 504372 | 3635226 | 2.13E-07 | 1.28YrCanc | 2.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 972 | ALL | 504422 | 3635226 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 973 | ALL | 504472 | 3635226 | 1.92E-07 | 1.28YrCanc | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 974 | ALL | 504522 | 3635226 | 1.82E-07 | 1.28YrCanc | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 975 | ALL | 504572 | 3635226 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 976 | ALL | 504622 | 3635226 | 1.64E-07 | 1.28YrCanc | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 977 | ALL | 502722 | 3635276 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 978 | ALL | 502772 | 3635276 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 979 | ALL | 502822 | 3635276 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 980 | ALL | 502872 | 3635276 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 981 | ALL | 502922 | 3635276 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 982 | ALL | 502972 | 3635276 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 983 | ALL | 503022 | 3635276 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 984 | ALL | 503072 | 3635276 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 985 | ALL | 503122 | 3635276 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 986 | ALL | 503172 | 3635276 | 1.78E-07 | 1.28YrCanc | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 987 | ALL | 503222 | 3635276 | 1.87E-07 | 1.28YrCanc | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 988 | ALL | 503272 | 3635276 | 1.96E-07 | 1.28YrCanc | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 989 | ALL | 503322 | 3635276 | 2.05E-07 | 1.28YrCanc | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 990 | ALL | 503372 | 3635276 | 2.14E-07 | 1.28YrCanc | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 991 | ALL | 503422 | 3635276 | 2.22E-07 | 1.28YrCanc | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 992 | ALL | 503472 | 3635276 | 2.30E-07 | 1.28YrCanc | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 993 | ALL | 503522 | 3635276 | 2.38E-07 | 1.28YrCanc | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 994 | ALL | 503572 | 3635276 | 2.43E-07 | 1.28YrCanc | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 995 | ALL | 503622 | 3635276 | 2.48E-07 | 1.28YrCanc | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 996 | ALL | 504372 | 3635276 | 1.98E-07 | 1.28YrCanc | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 997 | ALL | 504422 | 3635276 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 998 | ALL | 504472 | 3635276 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 999 | ALL | 504522 | 3635276 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1000 | ALL | 504572 | 3635276 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1001 | ALL | 504622 | 3635276 | 1.55E-07 | 1.28YrCanc | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1002 | ALL | 504672 | 3635276 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1003 | ALL | 502722 | 3635326 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1004 | ALL | 502772 | 3635326 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1005 | ALL | 502822 | 3635326 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1006 | ALL | 502872 | 3635326 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1007 | ALL | 502922 | 3635326 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1008 | ALL | 502972 | 3635326 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1009 | ALL | 503022 | 3635326 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1010 | ALL | 503072 | 3635326 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1011 | ALL | 503122 | 3635326 | 1.60E-07 | 1.28YrCanc | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1012 | ALL | 503172 | 3635326 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1013 | ALL | 503222 | 3635326 | 1.75E-07 | 1.28YrCanc | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1014 | ALL | 503272 | 3635326 | 1.82E-07 | 1.28YrCanc | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1015 | ALL | 503322 | 3635326 | 1.90E-07 | 1.28YrCanc | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1016 | ALL | 503372 | 3635326 | 1.97E-07 | 1.28YrCanc | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1017 | ALL | 503422 | 3635326 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1018 | ALL | 503472 | 3635326 | 2.11E-07 | 1.28YrCanc | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1019 | ALL | 503522 | 3635326 | 2.17E-07 | 1.28YrCanc | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1020 | ALL | 503572 | 3635326 | 2.23E-07 | 1.28YrCanc | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1021 | ALL | 503622 | 3635326 | 2.25E-07 | 1.28YrCanc | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1022 | ALL | 504372 | 3635326 | 1.85E-07 | 1.28YrCanc | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1023 | ALL | 504422 | 3635326 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1024 | ALL | 504472 | 3635326 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1025 | ALL | 504522 | 3635326 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1026 | ALL | 504572 | 3635326 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1027 | ALL | 504622 | 3635326 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1028 | ALL | 504672 | 3635326 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1029 | ALL | 504722 | 3635326 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1030 | ALL | 502722 | 3635376 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1031 | ALL | 502772 | 3635376 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1032 | ALL | 502822 | 3635376 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1033 | ALL | 502872 | 3635376 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1034 | ALL | 502922 | 3635376 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1035 | ALL | 502972 | 3635376 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1036 | ALL | 503022 | 3635376 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1037 | ALL | 503072 | 3635376 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1038 | ALL | 503122 | 3635376 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1039 | ALL | 503172 | 3635376 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1040 | ALL | 503222 | 3635376 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1041 | ALL | 503272 | 3635376 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1042 | ALL | 503322 | 3635376 | 1.76E-07 | 1.28YrCanc | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1043 | ALL | 503372 | 3635376 | 1.82E-07 | 1.28YrCanc | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1044 | ALL | 503422 | 3635376 | 1.88E-07 | 1.28YrCanc | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1045 | ALL | 503472 | 3635376 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1046 | ALL | 503522 | 3635376 | 1.99E-07 | 1.28YrCanc | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1047 | ALL | 503572 | 3635376 | 2.04E-07 | 1.28YrCanc | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1048 | ALL | 503622 | 3635376 | 2.07E-07 | 1.28YrCanc | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1049 | ALL | 503672 | 3635376 | 2.11E-07 | 1.28YrCanc | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1050 | ALL | 503722 | 3635376 | 2.21E-07 | 1.28YrCanc | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1051 | ALL | 504372 | 3635376 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1052 | ALL | 504422 | 3635376 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1053 | ALL | 504472 | 3635376 | 1.59E-07 | 1.28YrCanc | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1054 | ALL | 504522 | 3635376 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1055 | ALL | 504572 | 3635376 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1056 | ALL | 504622 | 3635376 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1057 | ALL | 504672 | 3635376 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1058 | ALL | 504722 | 3635376 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1059 | ALL | 502722 | 3635426 | 9.90E-08 | 1.28YrCanc | 9.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1060 | ALL | 502772 | 3635426 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1061 | ALL | 502822 | 3635426 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1062 | ALL | 502872 | 3635426 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1063 | ALL | 502922 | 3635426 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1064 | ALL | 502972 | 3635426 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1065 | ALL | 503022 | 3635426 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1066 | ALL | 503072 | 3635426 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1067 | ALL | 503122 | 3635426 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1068 | ALL | 503172 | 3635426 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1069 | ALL | 503222 | 3635426 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1070 | ALL | 503272 | 3635426 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1071 | ALL | 503322 | 3635426 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1072 | ALL | 503372 | 3635426 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1073 | ALL | 503422 | 3635426 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1074 | ALL | 503472 | 3635426 | 1.78E-07 | 1.28YrCanc | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1075 | ALL | 503522 | 3635426 | 1.82E-07 | 1.28YrCanc | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1076 | ALL | 503572 | 3635426 | 1.86E-07 | 1.28YrCanc | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1077 | ALL | 503622 | 3635426 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1078 | ALL | 503672 | 3635426 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1079 | ALL | 503722 | 3635426 | 1.99E-07 | 1.28YrCanc | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1080 | ALL | 503772 | 3635426 | 2.03E-07 | 1.28YrCanc | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1081 | ALL | 503822 | 3635426 | 2.08E-07 | 1.28YrCanc | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1082 | ALL | 504372 | 3635426 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1083 | ALL | 504422 | 3635426 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1084 | ALL | 504472 | 3635426 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1085 | ALL | 504522 | 3635426 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1086 | ALL | 504572 | 3635426 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1087 | ALL | 504622 | 3635426 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1088 | ALL | 504672 | 3635426 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1089 | ALL | 504722 | 3635426 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1090 | ALL | 502722 | 3635476 | 9.44E-08 | 1.28YrCanc | 9.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1091 | ALL | 502772 | 3635476 | 9.80E-08 | 1.28YrCanc | 9.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1092 | ALL | 502822 | 3635476 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1093 | ALL | 502872 | 3635476 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1094 | ALL | 502922 | 3635476 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1095 | ALL | 502972 | 3635476 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1096 | ALL | 503022 | 3635476 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1097 | ALL | 503072 | 3635476 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1098 | ALL | 503122 | 3635476 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1099 | ALL | 503172 | 3635476 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1100 | ALL | 503222 | 3635476 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1101 | ALL | 503272 | 3635476 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1102 | ALL | 503322 | 3635476 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1103 | ALL | 503372 | 3635476 | 1.56E-07 | 1.28YrCanc | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1104 | ALL | 503422 | 3635476 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1105 | ALL | 503472 | 3635476 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1106 | ALL | 503522 | 3635476 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1107 | ALL | 503572 | 3635476 | 1.71E-07 | 1.28YrCanc | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1108 | ALL | 503622 | 3635476 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1109 | ALL | 503672 | 3635476 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1110 | ALL | 503722 | 3635476 | 1.79E-07 | 1.28YrCanc | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1111 | ALL | 503772 | 3635476 | 1.85E-07 | 1.28YrCanc | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1112 | ALL | 503822 | 3635476 | 1.87E-07 | 1.28YrCanc | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1113 | ALL | 503872 | 3635476 | 1.88E-07 | 1.28YrCanc | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1114 | ALL | 503922 | 3635476 | 1.90E-07 | 1.28YrCanc | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1115 | ALL | 504372 | 3635476 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1116 | ALL | 504422 | 3635476 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1117 | ALL | 504472 | 3635476 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1118 | ALL | 504522 | 3635476 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1119 | ALL | 504572 | 3635476 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1120 | ALL | 504622 | 3635476 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1121 | ALL | 504672 | 3635476 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1122 | ALL | 504722 | 3635476 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1123 | ALL | 502222 | 3632976 | 4.98E-08 | 1.28YrCanc | 4.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1124 | ALL | 502272 | 3632976 | 5.12E-08 | 1.28YrCanc | 5.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1125 | ALL | 502322 | 3632976 | 5.26E-08 | 1.28YrCanc | 5.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1126 | ALL | 502372 | 3632976 | 5.41E-08 | 1.28YrCanc | 5.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1127 | ALL | 502422 | 3632976 | 5.57E-08 | 1.28YrCanc | 5.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1128 | ALL | 502472 | 3632976 | 5.72E-08 | 1.28YrCanc | 5.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1129 | ALL | 502522 | 3632976 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1130 | ALL | 502572 | 3632976 | 6.05E-08 | 1.28YrCanc | 6.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1131 | ALL | 502622 | 3632976 | 6.22E-08 | 1.28YrCanc | 6.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1132 | ALL | 502672 | 3632976 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1133 | ALL | 502722 | 3632976 | 6.56E-08 | 1.28YrCanc | 6.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1134 | ALL | 502772 | 3632976 | 6.72E-08 | 1.28YrCanc | 6.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1135 | ALL | 502822 | 3632976 | 5.86E-08 | 1.28YrCanc | 5.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1136 | ALL | 502872 | 3632976 | 5.10E-08 | 1.28YrCanc | 5.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1137 | ALL | 502922 | 3632976 | 5.20E-08 | 1.28YrCanc | 5.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1138 | ALL | 502972 | 3632976 | 3.75E-08 | 1.28YrCanc | 3.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1139 | ALL | 503022 | 3632976 | 3.79E-08 | 1.28YrCanc | 3.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1140 | ALL | 503072 | 3632976 | 4.44E-08 | 1.28YrCanc | 4.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1141 | ALL | 503122 | 3632976 | 5.20E-08 | 1.28YrCanc | 5.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1142 | ALL | 503172 | 3632976 | 5.86E-08 | 1.28YrCanc | 5.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1143 | ALL | 503222 | 3632976 | 6.21E-08 | 1.28YrCanc | 6.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1144 | ALL | 503272 | 3632976 | 6.31E-08 | 1.28YrCanc | 6.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1145 | ALL | 503322 | 3632976 | 6.31E-08 | 1.28YrCanc | 6.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1146 | ALL | 503372 | 3632976 | 6.37E-08 | 1.28YrCanc | 6.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1147 | ALL | 503422 | 3632976 | 6.14E-08 | 1.28YrCanc | 6.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1148 | ALL | 503472 | 3632976 | 6.07E-08 | 1.28YrCanc | 6.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1149 | ALL | 503622 | 3632976 | 5.62E-08 | 1.28YrCanc | 5.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1150 | ALL | 503672 | 3632976 | 5.42E-08 | 1.28YrCanc | 5.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1151 | ALL | 503722 | 3632976 | 5.21E-08 | 1.28YrCanc | 5.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1152 | ALL | 503772 | 3632976 | 4.93E-08 | 1.28YrCanc | 4.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1153 | ALL | 503822 | 3632976 | 4.29E-08 | 1.28YrCanc | 4.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1154 | ALL | 503872 | 3632976 | 3.82E-08 | 1.28YrCanc | 3.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1155 | ALL | 503922 | 3632976 | 3.69E-08 | 1.28YrCanc | 3.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1156 | ALL | 503972 | 3632976 | 3.70E-08 | 1.28YrCanc | 3.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1157 | ALL | 504022 | 3632976 | 3.67E-08 | 1.28YrCanc | 3.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1158 | ALL | 504072 | 3632976 | 3.71E-08 | 1.28YrCanc | 3.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1159 | ALL | 504122 | 3632976 | 3.67E-08 | 1.28YrCanc | 3.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1160 | ALL | 504172 | 3632976 | 3.70E-08 | 1.28YrCanc | 3.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1161 | ALL | 504222 | 3632976 | 3.71E-08 | 1.28YrCanc | 3.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1162 | ALL | 504272 | 3632976 | 3.72E-08 | 1.28YrCanc | 3.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1163 | ALL | 504322 | 3632976 | 3.71E-08 | 1.28YrCanc | 3.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1164 | ALL | 504372 | 3632976 | 3.67E-08 | 1.28YrCanc | 3.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1165 | ALL | 504422 | 3632976 | 3.65E-08 | 1.28YrCanc | 3.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1166 | ALL | 504472 | 3632976 | 3.64E-08 | 1.28YrCanc | 3.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1167 | ALL | 504522 | 3632976 | 3.65E-08 | 1.28YrCanc | 3.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1168 | ALL | 504572 | 3632976 | 3.65E-08 | 1.28YrCanc | 3.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1169 | ALL | 504622 | 3632976 | 3.65E-08 | 1.28YrCanc | 3.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1170 | ALL | 504672 | 3632976 | 3.66E-08 | 1.28YrCanc | 3.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1171 | ALL | 504722 | 3632976 | 3.69E-08 | 1.28YrCanc | 3.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1172 | ALL | 504772 | 3632976 | 3.71E-08 | 1.28YrCanc | 3.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1173 | ALL | 504822 | 3632976 | 3.72E-08 | 1.28YrCanc | 3.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1174 | ALL | 504872 | 3632976 | 3.73E-08 | 1.28YrCanc | 3.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1175 | ALL | 504922 | 3632976 | 3.75E-08 | 1.28YrCanc | 3.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1176 | ALL | 504972 | 3632976 | 3.76E-08 | 1.28YrCanc | 3.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1177 | ALL | 505022 | 3632976 | 3.75E-08 | 1.28YrCanc | 3.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1178 | ALL | 505072 | 3632976 | 3.75E-08 | 1.28YrCanc | 3.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1179 | ALL | 505122 | 3632976 | 3.76E-08 | 1.28YrCanc | 3.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1180 | ALL | 505172 | 3632976 | 3.79E-08 | 1.28YrCanc | 3.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1181 | ALL | 505222 | 3632976 | 3.83E-08 | 1.28YrCanc | 3.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1182 | ALL | 502222 | 3633026 | 5.11E-08 | 1.28YrCanc | 5.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1183 | ALL | 502272 | 3633026 | 5.26E-08 | 1.28YrCanc | 5.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1184 | ALL | 502322 | 3633026 | 5.41E-08 | 1.28YrCanc | 5.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1185 | ALL | 502372 | 3633026 | 5.57E-08 | 1.28YrCanc | 5.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1186 | ALL | 502422 | 3633026 | 5.73E-08 | 1.28YrCanc | 5.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1187 | ALL | 502472 | 3633026 | 5.90E-08 | 1.28YrCanc | 5.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1188 | ALL | 502522 | 3633026 | 6.07E-08 | 1.28YrCanc | 6.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1189 | ALL | 502572 | 3633026 | 6.25E-08 | 1.28YrCanc | 6.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1190 | ALL | 502622 | 3633026 | 6.43E-08 | 1.28YrCanc | 6.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1191 | ALL | 502672 | 3633026 | 6.62E-08 | 1.28YrCanc | 6.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1192 | ALL | 502722 | 3633026 | 6.80E-08 | 1.28YrCanc | 6.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1193 | ALL | 502772 | 3633026 | 6.99E-08 | 1.28YrCanc | 6.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1194 | ALL | 502822 | 3633026 | 6.01E-08 | 1.28YrCanc | 6.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1195 | ALL | 502872 | 3633026 | 5.69E-08 | 1.28YrCanc | 5.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1196 | ALL | 502922 | 3633026 | 5.40E-08 | 1.28YrCanc | 5.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1197 | ALL | 502972 | 3633026 | 3.91E-08 | 1.28YrCanc | 3.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1198 | ALL | 503022 | 3633026 | 4.20E-08 | 1.28YrCanc | 4.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1199 | ALL | 503072 | 3633026 | 5.12E-08 | 1.28YrCanc | 5.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1200 | ALL | 503122 | 3633026 | 6.00E-08 | 1.28YrCanc | 6.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1201 | ALL | 503172 | 3633026 | 6.37E-08 | 1.28YrCanc | 6.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1202 | ALL | 503222 | 3633026 | 6.78E-08 | 1.28YrCanc | 6.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1203 | ALL | 503272 | 3633026 | 6.79E-08 | 1.28YrCanc | 6.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1204 | ALL | 503322 | 3633026 | 6.87E-08 | 1.28YrCanc | 6.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1205 | ALL | 503372 | 3633026 | 6.74E-08 | 1.28YrCanc | 6.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1206 | ALL | 503422 | 3633026 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1207 | ALL | 503472 | 3633026 | 6.38E-08 | 1.28YrCanc | 6.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1208 | ALL | 503622 | 3633026 | 5.81E-08 | 1.28YrCanc | 5.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1209 | ALL | 503672 | 3633026 | 5.68E-08 | 1.28YrCanc | 5.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1210 | ALL | 503722 | 3633026 | 5.58E-08 | 1.28YrCanc | 5.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1211 | ALL | 503772 | 3633026 | 4.89E-08 | 1.28YrCanc | 4.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1212 | ALL | 503822 | 3633026 | 4.26E-08 | 1.28YrCanc | 4.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1213 | ALL | 503872 | 3633026 | 3.91E-08 | 1.28YrCanc | 3.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1214 | ALL | 503922 | 3633026 | 3.82E-08 | 1.28YrCanc | 3.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1215 | ALL | 503972 | 3633026 | 3.83E-08 | 1.28YrCanc | 3.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1216 | ALL | 504022 | 3633026 | 3.84E-08 | 1.28YrCanc | 3.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1217 | ALL | 504072 | 3633026 | 3.85E-08 | 1.28YrCanc | 3.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1218 | ALL | 504122 | 3633026 | 3.86E-08 | 1.28YrCanc | 3.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1219 | ALL | 504172 | 3633026 | 3.89E-08 | 1.28YrCanc | 3.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1220 | ALL | 504222 | 3633026 | 3.91E-08 | 1.28YrCanc | 3.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1221 | ALL | 504272 | 3633026 | 3.91E-08 | 1.28YrCanc | 3.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1222 | ALL | 504322 | 3633026 | 3.90E-08 | 1.28YrCanc | 3.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1223 | ALL | 504372 | 3633026 | 3.87E-08 | 1.28YrCanc | 3.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1224 | ALL | 504422 | 3633026 | 3.85E-08 | 1.28YrCanc | 3.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1225 | ALL | 504472 | 3633026 | 3.84E-08 | 1.28YrCanc | 3.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1226 | ALL | 504522 | 3633026 | 3.83E-08 | 1.28YrCanc | 3.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1227 | ALL | 504572 | 3633026 | 3.84E-08 | 1.28YrCanc | 3.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1228 | ALL | 504622 | 3633026 | 3.85E-08 | 1.28YrCanc | 3.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1229 | ALL | 504672 | 3633026 | 3.87E-08 | 1.28YrCanc | 3.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1230 | ALL | 504722 | 3633026 | 3.89E-08 | 1.28YrCanc | 3.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1231 | ALL | 504772 | 3633026 | 3.92E-08 | 1.28YrCanc | 3.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1232 | ALL | 504822 | 3633026 | 3.94E-08 | 1.28YrCanc | 3.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1233 | ALL | 504872 | 3633026 | 3.97E-08 | 1.28YrCanc | 3.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1234 | ALL | 504922 | 3633026 | 3.98E-08 | 1.28YrCanc | 3.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1235 | ALL | 504972 | 3633026 | 3.98E-08 | 1.28YrCanc | 3.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1236 | ALL | 505022 | 3633026 | 3.97E-08 | 1.28YrCanc | 3.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1237 | ALL | 505072 | 3633026 | 3.97E-08 | 1.28YrCanc | 3.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1238 | ALL | 505122 | 3633026 | 3.98E-08 | 1.28YrCanc | 3.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1239 | ALL | 505172 | 3633026 | 4.02E-08 | 1.28YrCanc | 4.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1240 | ALL | 505222 | 3633026 | 4.08E-08 | 1.28YrCanc | 4.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1241 | ALL | 502222 | 3633076 | 5.24E-08 | 1.28YrCanc | 5.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1242 | ALL | 502272 | 3633076 | 5.40E-08 | 1.28YrCanc | 5.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1243 | ALL | 502322 | 3633076 | 5.57E-08 | 1.28YrCanc | 5.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1244 | ALL | 502372 | 3633076 | 5.73E-08 | 1.28YrCanc | 5.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1245 | ALL | 502422 | 3633076 | 5.91E-08 | 1.28YrCanc | 5.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1246 | ALL | 502472 | 3633076 | 6.09E-08 | 1.28YrCanc | 6.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1247 | ALL | 502522 | 3633076 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1248 | ALL | 502572 | 3633076 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1249 | ALL | 502622 | 3633076 | 6.66E-08 | 1.28YrCanc | 6.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1250 | ALL | 502672 | 3633076 | 6.86E-08 | 1.28YrCanc | 6.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1251 | ALL | 502722 | 3633076 | 7.06E-08 | 1.28YrCanc | 7.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1252 | ALL | 502772 | 3633076 | 7.27E-08 | 1.28YrCanc | 7.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1253 | ALL | 502822 | 3633076 | 6.62E-08 | 1.28YrCanc | 6.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1254 | ALL | 502872 | 3633076 | 6.33E-08 | 1.28YrCanc | 6.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1255 | ALL | 502922 | 3633076 | 6.05E-08 | 1.28YrCanc | 6.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1256 | ALL | 502972 | 3633076 | 5.44E-08 | 1.28YrCanc | 5.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1257 | ALL | 503022 | 3633076 | 5.79E-08 | 1.28YrCanc | 5.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1258 | ALL | 503072 | 3633076 | 6.04E-08 | 1.28YrCanc | 6.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1259 | ALL | 503122 | 3633076 | 6.57E-08 | 1.28YrCanc | 6.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1260 | ALL | 503172 | 3633076 | 6.93E-08 | 1.28YrCanc | 6.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1261 | ALL | 503222 | 3633076 | 7.46E-08 | 1.28YrCanc | 7.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1262 | ALL | 503272 | 3633076 | 7.30E-08 | 1.28YrCanc | 7.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1263 | ALL | 503322 | 3633076 | 7.22E-08 | 1.28YrCanc | 7.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1264 | ALL | 503372 | 3633076 | 7.06E-08 | 1.28YrCanc | 7.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1265 | ALL | 503422 | 3633076 | 6.63E-08 | 1.28YrCanc | 6.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1266 | ALL | 503472 | 3633076 | 6.75E-08 | 1.28YrCanc | 6.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1267 | ALL | 503622 | 3633076 | 6.04E-08 | 1.28YrCanc | 6.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1268 | ALL | 503672 | 3633076 | 5.82E-08 | 1.28YrCanc | 5.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1269 | ALL | 503722 | 3633076 | 5.68E-08 | 1.28YrCanc | 5.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1270 | ALL | 503772 | 3633076 | 4.96E-08 | 1.28YrCanc | 4.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1271 | ALL | 503822 | 3633076 | 4.32E-08 | 1.28YrCanc | 4.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1272 | ALL | 503872 | 3633076 | 4.01E-08 | 1.28YrCanc | 4.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1273 | ALL | 503922 | 3633076 | 4.01E-08 | 1.28YrCanc | 4.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1274 | ALL | 503972 | 3633076 | 4.06E-08 | 1.28YrCanc | 4.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1275 | ALL | 504022 | 3633076 | 4.05E-08 | 1.28YrCanc | 4.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1276 | ALL | 504072 | 3633076 | 4.07E-08 | 1.28YrCanc | 4.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1277 | ALL | 504122 | 3633076 | 4.09E-08 | 1.28YrCanc | 4.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1278 | ALL | 504172 | 3633076 | 4.11E-08 | 1.28YrCanc | 4.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1279 | ALL | 504222 | 3633076 | 4.13E-08 | 1.28YrCanc | 4.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1280 | ALL | 504272 | 3633076 | 4.13E-08 | 1.28YrCanc | 4.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1281 | ALL | 504322 | 3633076 | 4.13E-08 | 1.28YrCanc | 4.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1282 | ALL | 504372 | 3633076 | 4.09E-08 | 1.28YrCanc | 4.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1283 | ALL | 504422 | 3633076 | 4.08E-08 | 1.28YrCanc | 4.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1284 | ALL | 504472 | 3633076 | 4.06E-08 | 1.28YrCanc | 4.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1285 | ALL | 504522 | 3633076 | 4.05E-08 | 1.28YrCanc | 4.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1286 | ALL | 504572 | 3633076 | 4.06E-08 | 1.28YrCanc | 4.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1287 | ALL | 504622 | 3633076 | 4.08E-08 | 1.28YrCanc | 4.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1288 | ALL | 504672 | 3633076 | 4.10E-08 | 1.28YrCanc | 4.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1289 | ALL | 504722 | 3633076 | 4.13E-08 | 1.28YrCanc | 4.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1290 | ALL | 504772 | 3633076 | 4.17E-08 | 1.28YrCanc | 4.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1291 | ALL | 504822 | 3633076 | 4.19E-08 | 1.28YrCanc | 4.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1292 | ALL | 504872 | 3633076 | 4.22E-08 | 1.28YrCanc | 4.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1293 | ALL | 504922 | 3633076 | 4.25E-08 | 1.28YrCanc | 4.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1294 | ALL | 504972 | 3633076 | 4.23E-08 | 1.28YrCanc | 4.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1295 | ALL | 505022 | 3633076 | 4.21E-08 | 1.28YrCanc | 4.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1296 | ALL | 505072 | 3633076 | 4.21E-08 | 1.28YrCanc | 4.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1297 | ALL | 505122 | 3633076 | 4.23E-08 | 1.28YrCanc | 4.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1298 | ALL | 505172 | 3633076 | 4.27E-08 | 1.28YrCanc | 4.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1299 | ALL | 505222 | 3633076 | 4.32E-08 | 1.28YrCanc | 4.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1300 | ALL | 502222 | 3633126 | 5.38E-08 | 1.28YrCanc | 5.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1301 | ALL | 502272 | 3633126 | 5.55E-08 | 1.28YrCanc | 5.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1302 | ALL | 502322 | 3633126 | 5.72E-08 | 1.28YrCanc | 5.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1303 | ALL | 502372 | 3633126 | 5.90E-08 | 1.28YrCanc | 5.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1304 | ALL | 502422 | 3633126 | 6.09E-08 | 1.28YrCanc | 6.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1305 | ALL | 502472 | 3633126 | 6.28E-08 | 1.28YrCanc | 6.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1306 | ALL | 502522 | 3633126 | 6.48E-08 | 1.28YrCanc | 6.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1307 | ALL | 502572 | 3633126 | 6.68E-08 | 1.28YrCanc | 6.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1308 | ALL | 502622 | 3633126 | 6.89E-08 | 1.28YrCanc | 6.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1309 | ALL | 502672 | 3633126 | 7.11E-08 | 1.28YrCanc | 7.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1310 | ALL | 502722 | 3633126 | 7.33E-08 | 1.28YrCanc | 7.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1311 | ALL | 502772 | 3633126 | 7.55E-08 | 1.28YrCanc | 7.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1312 | ALL | 502822 | 3633126 | 7.78E-08 | 1.28YrCanc | 7.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1313 | ALL | 502872 | 3633126 | 6.97E-08 | 1.28YrCanc | 6.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1314 | ALL | 502922 | 3633126 | 6.89E-08 | 1.28YrCanc | 6.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1315 | ALL | 502972 | 3633126 | 6.55E-08 | 1.28YrCanc | 6.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1316 | ALL | 503022 | 3633126 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1317 | ALL | 503072 | 3633126 | 6.82E-08 | 1.28YrCanc | 6.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1318 | ALL | 503122 | 3633126 | 7.19E-08 | 1.28YrCanc | 7.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1319 | ALL | 503172 | 3633126 | 7.65E-08 | 1.28YrCanc | 7.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1320 | ALL | 503222 | 3633126 | 7.97E-08 | 1.28YrCanc | 7.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1321 | ALL | 503272 | 3633126 | 7.92E-08 | 1.28YrCanc | 7.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1322 | ALL | 503322 | 3633126 | 7.97E-08 | 1.28YrCanc | 7.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1323 | ALL | 503372 | 3633126 | 7.55E-08 | 1.28YrCanc | 7.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1324 | ALL | 503422 | 3633126 | 6.99E-08 | 1.28YrCanc | 6.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1325 | ALL | 503472 | 3633126 | 7.12E-08 | 1.28YrCanc | 7.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1326 | ALL | 503622 | 3633126 | 6.25E-08 | 1.28YrCanc | 6.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1327 | ALL | 503672 | 3633126 | 5.90E-08 | 1.28YrCanc | 5.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1328 | ALL | 503722 | 3633126 | 5.76E-08 | 1.28YrCanc | 5.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1329 | ALL | 503772 | 3633126 | 4.90E-08 | 1.28YrCanc | 4.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1330 | ALL | 503822 | 3633126 | 4.41E-08 | 1.28YrCanc | 4.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1331 | ALL | 503872 | 3633126 | 4.21E-08 | 1.28YrCanc | 4.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1332 | ALL | 503922 | 3633126 | 4.24E-08 | 1.28YrCanc | 4.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1333 | ALL | 503972 | 3633126 | 4.30E-08 | 1.28YrCanc | 4.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1334 | ALL | 504022 | 3633126 | 4.27E-08 | 1.28YrCanc | 4.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1335 | ALL | 504072 | 3633126 | 4.32E-08 | 1.28YrCanc | 4.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1336 | ALL | 504122 | 3633126 | 4.36E-08 | 1.28YrCanc | 4.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1337 | ALL | 504172 | 3633126 | 4.38E-08 | 1.28YrCanc | 4.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1338 | ALL | 504222 | 3633126 | 4.39E-08 | 1.28YrCanc | 4.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1339 | ALL | 504272 | 3633126 | 4.40E-08 | 1.28YrCanc | 4.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1340 | ALL | 504322 | 3633126 | 4.38E-08 | 1.28YrCanc | 4.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1341 | ALL | 504372 | 3633126 | 4.36E-08 | 1.28YrCanc | 4.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1342 | ALL | 504422 | 3633126 | 4.34E-08 | 1.28YrCanc | 4.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1343 | ALL | 504472 | 3633126 | 4.31E-08 | 1.28YrCanc | 4.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1344 | ALL | 504522 | 3633126 | 4.30E-08 | 1.28YrCanc | 4.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1345 | ALL | 504572 | 3633126 | 4.32E-08 | 1.28YrCanc | 4.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1346 | ALL | 504622 | 3633126 | 4.34E-08 | 1.28YrCanc | 4.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1347 | ALL | 504672 | 3633126 | 4.37E-08 | 1.28YrCanc | 4.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1348 | ALL | 504722 | 3633126 | 4.41E-08 | 1.28YrCanc | 4.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1349 | ALL | 504772 | 3633126 | 4.44E-08 | 1.28YrCanc | 4.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1350 | ALL | 504822 | 3633126 | 4.46E-08 | 1.28YrCanc | 4.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1351 | ALL | 504872 | 3633126 | 4.50E-08 | 1.28YrCanc | 4.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1352 | ALL | 504922 | 3633126 | 4.56E-08 | 1.28YrCanc | 4.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1353 | ALL | 504972 | 3633126 | 4.53E-08 | 1.28YrCanc | 4.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1354 | ALL | 505022 | 3633126 | 4.49E-08 | 1.28YrCanc | 4.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1355 | ALL | 505072 | 3633126 | 4.48E-08 | 1.28YrCanc | 4.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1356 | ALL | 505122 | 3633126 | 4.49E-08 | 1.28YrCanc | 4.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1357 | ALL | 505172 | 3633126 | 4.52E-08 | 1.28YrCanc | 4.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1358 | ALL | 505222 | 3633126 | 4.58E-08 | 1.28YrCanc | 4.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1359 | ALL | 502222 | 3633176 | 5.52E-08 | 1.28YrCanc | 5.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1360 | ALL | 502272 | 3633176 | 5.70E-08 | 1.28YrCanc | 5.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1361 | ALL | 502322 | 3633176 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1362 | ALL | 502372 | 3633176 | 6.08E-08 | 1.28YrCanc | 6.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1363 | ALL | 502422 | 3633176 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1364 | ALL | 502472 | 3633176 | 6.48E-08 | 1.28YrCanc | 6.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1365 | ALL | 502522 | 3633176 | 6.69E-08 | 1.28YrCanc | 6.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1366 | ALL | 502572 | 3633176 | 6.91E-08 | 1.28YrCanc | 6.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1367 | ALL | 502622 | 3633176 | 7.14E-08 | 1.28YrCanc | 7.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1368 | ALL | 502672 | 3633176 | 7.37E-08 | 1.28YrCanc | 7.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1369 | ALL | 502722 | 3633176 | 7.60E-08 | 1.28YrCanc | 7.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1370 | ALL | 502772 | 3633176 | 7.63E-08 | 1.28YrCanc | 7.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1371 | ALL | 502822 | 3633176 | 7.15E-08 | 1.28YrCanc | 7.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1372 | ALL | 502872 | 3633176 | 8.00E-08 | 1.28YrCanc | 8.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1373 | ALL | 502922 | 3633176 | 7.54E-08 | 1.28YrCanc | 7.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1374 | ALL | 502972 | 3633176 | 7.69E-08 | 1.28YrCanc | 7.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1375 | ALL | 503022 | 3633176 | 7.61E-08 | 1.28YrCanc | 7.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1376 | ALL | 503072 | 3633176 | 7.91E-08 | 1.28YrCanc | 7.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1377 | ALL | 503122 | 3633176 | 7.97E-08 | 1.28YrCanc | 7.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1378 | ALL | 503172 | 3633176 | 8.46E-08 | 1.28YrCanc | 8.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1379 | ALL | 503222 | 3633176 | 8.35E-08 | 1.28YrCanc | 8.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1380 | ALL | 503272 | 3633176 | 8.28E-08 | 1.28YrCanc | 8.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1381 | ALL | 503322 | 3633176 | 8.38E-08 | 1.28YrCanc | 8.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1382 | ALL | 503372 | 3633176 | 7.91E-08 | 1.28YrCanc | 7.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1383 | ALL | 503422 | 3633176 | 7.48E-08 | 1.28YrCanc | 7.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1384 | ALL | 503472 | 3633176 | 7.45E-08 | 1.28YrCanc | 7.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1385 | ALL | 503622 | 3633176 | 6.22E-08 | 1.28YrCanc | 6.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1386 | ALL | 503672 | 3633176 | 6.14E-08 | 1.28YrCanc | 6.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1387 | ALL | 503722 | 3633176 | 5.64E-08 | 1.28YrCanc | 5.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1388 | ALL | 503772 | 3633176 | 4.89E-08 | 1.28YrCanc | 4.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1389 | ALL | 503822 | 3633176 | 4.53E-08 | 1.28YrCanc | 4.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1390 | ALL | 503872 | 3633176 | 4.42E-08 | 1.28YrCanc | 4.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1391 | ALL | 503922 | 3633176 | 4.51E-08 | 1.28YrCanc | 4.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1392 | ALL | 503972 | 3633176 | 4.58E-08 | 1.28YrCanc | 4.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1393 | ALL | 504022 | 3633176 | 4.55E-08 | 1.28YrCanc | 4.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1394 | ALL | 504072 | 3633176 | 4.61E-08 | 1.28YrCanc | 4.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1395 | ALL | 504122 | 3633176 | 4.67E-08 | 1.28YrCanc | 4.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1396 | ALL | 504172 | 3633176 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1397 | ALL | 504222 | 3633176 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1398 | ALL | 504272 | 3633176 | 4.70E-08 | 1.28YrCanc | 4.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1399 | ALL | 504322 | 3633176 | 4.68E-08 | 1.28YrCanc | 4.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1400 | ALL | 504372 | 3633176 | 4.70E-08 | 1.28YrCanc | 4.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1401 | ALL | 504422 | 3633176 | 4.65E-08 | 1.28YrCanc | 4.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1402 | ALL | 504472 | 3633176 | 4.60E-08 | 1.28YrCanc | 4.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1403 | ALL | 504522 | 3633176 | 4.59E-08 | 1.28YrCanc | 4.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1404 | ALL | 504572 | 3633176 | 4.61E-08 | 1.28YrCanc | 4.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1405 | ALL | 504622 | 3633176 | 4.65E-08 | 1.28YrCanc | 4.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1406 | ALL | 504672 | 3633176 | 4.69E-08 | 1.28YrCanc | 4.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1407 | ALL | 504722 | 3633176 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1408 | ALL | 504772 | 3633176 | 4.75E-08 | 1.28YrCanc | 4.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1409 | ALL | 504822 | 3633176 | 4.77E-08 | 1.28YrCanc | 4.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1410 | ALL | 504872 | 3633176 | 4.81E-08 | 1.28YrCanc | 4.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1411 | ALL | 504922 | 3633176 | 4.91E-08 | 1.28YrCanc | 4.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1412 | ALL | 504972 | 3633176 | 4.84E-08 | 1.28YrCanc | 4.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1413 | ALL | 505022 | 3633176 | 4.78E-08 | 1.28YrCanc | 4.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1414 | ALL | 505072 | 3633176 | 4.77E-08 | 1.28YrCanc | 4.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1415 | ALL | 505122 | 3633176 | 4.78E-08 | 1.28YrCanc | 4.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1416 | ALL | 505172 | 3633176 | 4.79E-08 | 1.28YrCanc | 4.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1417 | ALL | 505222 | 3633176 | 4.82E-08 | 1.28YrCanc | 4.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1418 | ALL | 502222 | 3633226 | 5.67E-08 | 1.28YrCanc | 5.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1419 | ALL | 502272 | 3633226 | 5.86E-08 | 1.28YrCanc | 5.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1420 | ALL | 502322 | 3633226 | 6.05E-08 | 1.28YrCanc | 6.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1421 | ALL | 502372 | 3633226 | 6.26E-08 | 1.28YrCanc | 6.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1422 | ALL | 502422 | 3633226 | 6.47E-08 | 1.28YrCanc | 6.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1423 | ALL | 502472 | 3633226 | 6.68E-08 | 1.28YrCanc | 6.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1424 | ALL | 502522 | 3633226 | 6.91E-08 | 1.28YrCanc | 6.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1425 | ALL | 502572 | 3633226 | 7.15E-08 | 1.28YrCanc | 7.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1426 | ALL | 502622 | 3633226 | 7.39E-08 | 1.28YrCanc | 7.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1427 | ALL | 502672 | 3633226 | 7.64E-08 | 1.28YrCanc | 7.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1428 | ALL | 502722 | 3633226 | 7.89E-08 | 1.28YrCanc | 7.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1429 | ALL | 502772 | 3633226 | 8.15E-08 | 1.28YrCanc | 8.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1430 | ALL | 502822 | 3633226 | 7.98E-08 | 1.28YrCanc | 7.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1431 | ALL | 502872 | 3633226 | 7.98E-08 | 1.28YrCanc | 7.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1432 | ALL | 502922 | 3633226 | 8.34E-08 | 1.28YrCanc | 8.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1433 | ALL | 502972 | 3633226 | 8.65E-08 | 1.28YrCanc | 8.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1434 | ALL | 503022 | 3633226 | 8.48E-08 | 1.28YrCanc | 8.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1435 | ALL | 503072 | 3633226 | 8.74E-08 | 1.28YrCanc | 8.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1436 | ALL | 503122 | 3633226 | 9.14E-08 | 1.28YrCanc | 9.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1437 | ALL | 503172 | 3633226 | 9.10E-08 | 1.28YrCanc | 9.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1438 | ALL | 503222 | 3633226 | 8.97E-08 | 1.28YrCanc | 8.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1439 | ALL | 503272 | 3633226 | 8.89E-08 | 1.28YrCanc | 8.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1440 | ALL | 503322 | 3633226 | 8.69E-08 | 1.28YrCanc | 8.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1441 | ALL | 503372 | 3633226 | 8.12E-08 | 1.28YrCanc | 8.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1442 | ALL | 503422 | 3633226 | 7.94E-08 | 1.28YrCanc | 7.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1443 | ALL | 503472 | 3633226 | 7.69E-08 | 1.28YrCanc | 7.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1444 | ALL | 503622 | 3633226 | 6.59E-08 | 1.28YrCanc | 6.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1445 | ALL | 503672 | 3633226 | 6.30E-08 | 1.28YrCanc | 6.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1446 | ALL | 503722 | 3633226 | 5.67E-08 | 1.28YrCanc | 5.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1447 | ALL | 503772 | 3633226 | 5.12E-08 | 1.28YrCanc | 5.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1448 | ALL | 503822 | 3633226 | 4.73E-08 | 1.28YrCanc | 4.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1449 | ALL | 503872 | 3633226 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1450 | ALL | 503922 | 3633226 | 4.79E-08 | 1.28YrCanc | 4.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1451 | ALL | 503972 | 3633226 | 4.88E-08 | 1.28YrCanc | 4.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1452 | ALL | 504022 | 3633226 | 4.92E-08 | 1.28YrCanc | 4.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1453 | ALL | 504072 | 3633226 | 4.99E-08 | 1.28YrCanc | 4.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1454 | ALL | 504122 | 3633226 | 5.07E-08 | 1.28YrCanc | 5.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1455 | ALL | 504172 | 3633226 | 5.12E-08 | 1.28YrCanc | 5.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1456 | ALL | 504222 | 3633226 | 5.03E-08 | 1.28YrCanc | 5.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1457 | ALL | 504272 | 3633226 | 5.01E-08 | 1.28YrCanc | 5.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1458 | ALL | 504322 | 3633226 | 5.06E-08 | 1.28YrCanc | 5.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1459 | ALL | 504372 | 3633226 | 5.09E-08 | 1.28YrCanc | 5.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1460 | ALL | 504422 | 3633226 | 4.99E-08 | 1.28YrCanc | 4.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1461 | ALL | 504472 | 3633226 | 4.94E-08 | 1.28YrCanc | 4.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1462 | ALL | 504522 | 3633226 | 4.93E-08 | 1.28YrCanc | 4.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1463 | ALL | 504572 | 3633226 | 4.95E-08 | 1.28YrCanc | 4.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1464 | ALL | 504622 | 3633226 | 5.00E-08 | 1.28YrCanc | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1465 | ALL | 504672 | 3633226 | 5.06E-08 | 1.28YrCanc | 5.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1466 | ALL | 504722 | 3633226 | 5.10E-08 | 1.28YrCanc | 5.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1467 | ALL | 504772 | 3633226 | 5.11E-08 | 1.28YrCanc | 5.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1468 | ALL | 504822 | 3633226 | 5.15E-08 | 1.28YrCanc | 5.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1469 | ALL | 504872 | 3633226 | 5.19E-08 | 1.28YrCanc | 5.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1470 | ALL | 504922 | 3633226 | 5.28E-08 | 1.28YrCanc | 5.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1471 | ALL | 504972 | 3633226 | 5.20E-08 | 1.28YrCanc | 5.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1472 | ALL | 505022 | 3633226 | 5.13E-08 | 1.28YrCanc | 5.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1473 | ALL | 505072 | 3633226 | 5.11E-08 | 1.28YrCanc | 5.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1474 | ALL | 505122 | 3633226 | 5.09E-08 | 1.28YrCanc | 5.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1475 | ALL | 505172 | 3633226 | 5.05E-08 | 1.28YrCanc | 5.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1476 | ALL | 505222 | 3633226 | 5.06E-08 | 1.28YrCanc | 5.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1477 | ALL | 502222 | 3633276 | 5.82E-08 | 1.28YrCanc | 5.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1478 | ALL | 502272 | 3633276 | 6.01E-08 | 1.28YrCanc | 6.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1479 | ALL | 502322 | 3633276 | 6.22E-08 | 1.28YrCanc | 6.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1480 | ALL | 502372 | 3633276 | 6.44E-08 | 1.28YrCanc | 6.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1481 | ALL | 502422 | 3633276 | 6.66E-08 | 1.28YrCanc | 6.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1482 | ALL | 502472 | 3633276 | 6.90E-08 | 1.28YrCanc | 6.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1483 | ALL | 502522 | 3633276 | 7.14E-08 | 1.28YrCanc | 7.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1484 | ALL | 502572 | 3633276 | 7.39E-08 | 1.28YrCanc | 7.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1485 | ALL | 502622 | 3633276 | 7.65E-08 | 1.28YrCanc | 7.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1486 | ALL | 502672 | 3633276 | 7.92E-08 | 1.28YrCanc | 7.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1487 | ALL | 502722 | 3633276 | 8.20E-08 | 1.28YrCanc | 8.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1488 | ALL | 502772 | 3633276 | 8.48E-08 | 1.28YrCanc | 8.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1489 | ALL | 502822 | 3633276 | 7.33E-08 | 1.28YrCanc | 7.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1490 | ALL | 502872 | 3633276 | 8.32E-08 | 1.28YrCanc | 8.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1491 | ALL | 502922 | 3633276 | 9.14E-08 | 1.28YrCanc | 9.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1492 | ALL | 502972 | 3633276 | 9.46E-08 | 1.28YrCanc | 9.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1493 | ALL | 503022 | 3633276 | 9.19E-08 | 1.28YrCanc | 9.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1494 | ALL | 503072 | 3633276 | 9.78E-08 | 1.28YrCanc | 9.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1495 | ALL | 503122 | 3633276 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1496 | ALL | 503172 | 3633276 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1497 | ALL | 503222 | 3633276 | 9.83E-08 | 1.28YrCanc | 9.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1498 | ALL | 503272 | 3633276 | 9.19E-08 | 1.28YrCanc | 9.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1499 | ALL | 503322 | 3633276 | 9.18E-08 | 1.28YrCanc | 9.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1500 | ALL | 503372 | 3633276 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1501 | ALL | 503422 | 3633276 | 8.34E-08 | 1.28YrCanc | 8.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1502 | ALL | 503472 | 3633276 | 6.41E-08 | 1.28YrCanc | 6.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1503 | ALL | 503622 | 3633276 | 6.61E-08 | 1.28YrCanc | 6.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1504 | ALL | 503672 | 3633276 | 6.37E-08 | 1.28YrCanc | 6.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1505 | ALL | 503722 | 3633276 | 5.71E-08 | 1.28YrCanc | 5.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1506 | ALL | 503772 | 3633276 | 5.24E-08 | 1.28YrCanc | 5.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1507 | ALL | 503822 | 3633276 | 4.97E-08 | 1.28YrCanc | 4.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1508 | ALL | 503872 | 3633276 | 5.03E-08 | 1.28YrCanc | 5.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1509 | ALL | 503922 | 3633276 | 5.18E-08 | 1.28YrCanc | 5.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1510 | ALL | 503972 | 3633276 | 5.42E-08 | 1.28YrCanc | 5.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1511 | ALL | 504022 | 3633276 | 5.46E-08 | 1.28YrCanc | 5.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1512 | ALL | 504072 | 3633276 | 5.47E-08 | 1.28YrCanc | 5.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1513 | ALL | 504122 | 3633276 | 5.58E-08 | 1.28YrCanc | 5.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1514 | ALL | 504172 | 3633276 | 5.51E-08 | 1.28YrCanc | 5.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1515 | ALL | 504222 | 3633276 | 5.41E-08 | 1.28YrCanc | 5.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1516 | ALL | 504272 | 3633276 | 5.40E-08 | 1.28YrCanc | 5.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1517 | ALL | 504322 | 3633276 | 5.50E-08 | 1.28YrCanc | 5.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1518 | ALL | 504372 | 3633276 | 5.59E-08 | 1.28YrCanc | 5.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1519 | ALL | 504422 | 3633276 | 5.45E-08 | 1.28YrCanc | 5.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1520 | ALL | 504472 | 3633276 | 5.35E-08 | 1.28YrCanc | 5.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1521 | ALL | 504522 | 3633276 | 5.33E-08 | 1.28YrCanc | 5.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1522 | ALL | 504572 | 3633276 | 5.35E-08 | 1.28YrCanc | 5.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1523 | ALL | 504622 | 3633276 | 5.42E-08 | 1.28YrCanc | 5.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1524 | ALL | 504672 | 3633276 | 5.50E-08 | 1.28YrCanc | 5.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1525 | ALL | 504722 | 3633276 | 5.51E-08 | 1.28YrCanc | 5.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1526 | ALL | 504772 | 3633276 | 5.47E-08 | 1.28YrCanc | 5.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1527 | ALL | 504822 | 3633276 | 5.53E-08 | 1.28YrCanc | 5.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1528 | ALL | 504872 | 3633276 | 5.62E-08 | 1.28YrCanc | 5.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1529 | ALL | 504922 | 3633276 | 5.72E-08 | 1.28YrCanc | 5.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1530 | ALL | 504972 | 3633276 | 5.64E-08 | 1.28YrCanc | 5.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1531 | ALL | 505022 | 3633276 | 5.55E-08 | 1.28YrCanc | 5.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1532 | ALL | 505072 | 3633276 | 5.52E-08 | 1.28YrCanc | 5.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1533 | ALL | 505122 | 3633276 | 5.45E-08 | 1.28YrCanc | 5.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1534 | ALL | 505172 | 3633276 | 5.35E-08 | 1.28YrCanc | 5.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1535 | ALL | 505222 | 3633276 | 5.33E-08 | 1.28YrCanc | 5.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1536 | ALL | 502222 | 3633326 | 5.97E-08 | 1.28YrCanc | 5.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1537 | ALL | 502272 | 3633326 | 6.18E-08 | 1.28YrCanc | 6.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1538 | ALL | 502322 | 3633326 | 6.40E-08 | 1.28YrCanc | 6.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1539 | ALL | 502372 | 3633326 | 6.63E-08 | 1.28YrCanc | 6.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1540 | ALL | 502422 | 3633326 | 6.86E-08 | 1.28YrCanc | 6.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1541 | ALL | 502472 | 3633326 | 7.11E-08 | 1.28YrCanc | 7.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1542 | ALL | 502522 | 3633326 | 7.37E-08 | 1.28YrCanc | 7.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1543 | ALL | 502572 | 3633326 | 7.65E-08 | 1.28YrCanc | 7.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1544 | ALL | 502622 | 3633326 | 7.93E-08 | 1.28YrCanc | 7.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1545 | ALL | 502672 | 3633326 | 8.22E-08 | 1.28YrCanc | 8.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1546 | ALL | 502722 | 3633326 | 8.53E-08 | 1.28YrCanc | 8.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1547 | ALL | 502772 | 3633326 | 8.74E-08 | 1.28YrCanc | 8.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1548 | ALL | 502822 | 3633326 | 8.69E-08 | 1.28YrCanc | 8.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1549 | ALL | 502872 | 3633326 | 9.50E-08 | 1.28YrCanc | 9.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1550 | ALL | 502922 | 3633326 | 9.83E-08 | 1.28YrCanc | 9.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1551 | ALL | 502972 | 3633326 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1552 | ALL | 503022 | 3633326 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1553 | ALL | 503072 | 3633326 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1554 | ALL | 503122 | 3633326 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1555 | ALL | 503172 | 3633326 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1556 | ALL | 503222 | 3633326 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1557 | ALL | 503272 | 3633326 | 9.65E-08 | 1.28YrCanc | 9.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1558 | ALL | 503322 | 3633326 | 9.61E-08 | 1.28YrCanc | 9.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1559 | ALL | 503372 | 3633326 | 9.07E-08 | 1.28YrCanc | 9.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1560 | ALL | 503422 | 3633326 | 7.61E-08 | 1.28YrCanc | 7.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1561 | ALL | 503472 | 3633326 | 6.07E-08 | 1.28YrCanc | 6.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1562 | ALL | 503622 | 3633326 | 6.63E-08 | 1.28YrCanc | 6.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1563 | ALL | 503672 | 3633326 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1564 | ALL | 503722 | 3633326 | 5.70E-08 | 1.28YrCanc | 5.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1565 | ALL | 503772 | 3633326 | 5.51E-08 | 1.28YrCanc | 5.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1566 | ALL | 503822 | 3633326 | 5.36E-08 | 1.28YrCanc | 5.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1567 | ALL | 503872 | 3633326 | 5.42E-08 | 1.28YrCanc | 5.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1568 | ALL | 503922 | 3633326 | 5.75E-08 | 1.28YrCanc | 5.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1569 | ALL | 503972 | 3633326 | 6.15E-08 | 1.28YrCanc | 6.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1570 | ALL | 504022 | 3633326 | 6.13E-08 | 1.28YrCanc | 6.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1571 | ALL | 504072 | 3633326 | 6.05E-08 | 1.28YrCanc | 6.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1572 | ALL | 504122 | 3633326 | 6.23E-08 | 1.28YrCanc | 6.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1573 | ALL | 504172 | 3633326 | 5.99E-08 | 1.28YrCanc | 5.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1574 | ALL | 504222 | 3633326 | 5.84E-08 | 1.28YrCanc | 5.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1575 | ALL | 504272 | 3633326 | 5.90E-08 | 1.28YrCanc | 5.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1576 | ALL | 504322 | 3633326 | 6.12E-08 | 1.28YrCanc | 6.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1577 | ALL | 504372 | 3633326 | 6.22E-08 | 1.28YrCanc | 6.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1578 | ALL | 504422 | 3633326 | 5.99E-08 | 1.28YrCanc | 5.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1579 | ALL | 504472 | 3633326 | 5.84E-08 | 1.28YrCanc | 5.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1580 | ALL | 504522 | 3633326 | 5.79E-08 | 1.28YrCanc | 5.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1581 | ALL | 504572 | 3633326 | 5.83E-08 | 1.28YrCanc | 5.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1582 | ALL | 504622 | 3633326 | 5.91E-08 | 1.28YrCanc | 5.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1583 | ALL | 504672 | 3633326 | 6.02E-08 | 1.28YrCanc | 6.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1584 | ALL | 504722 | 3633326 | 6.00E-08 | 1.28YrCanc | 6.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1585 | ALL | 504772 | 3633326 | 5.91E-08 | 1.28YrCanc | 5.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1586 | ALL | 504822 | 3633326 | 5.94E-08 | 1.28YrCanc | 5.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1587 | ALL | 504872 | 3633326 | 6.12E-08 | 1.28YrCanc | 6.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1588 | ALL | 504922 | 3633326 | 6.23E-08 | 1.28YrCanc | 6.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1589 | ALL | 504972 | 3633326 | 6.14E-08 | 1.28YrCanc | 6.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1590 | ALL | 505022 | 3633326 | 6.05E-08 | 1.28YrCanc | 6.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1591 | ALL | 505072 | 3633326 | 6.00E-08 | 1.28YrCanc | 6.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1592 | ALL | 505122 | 3633326 | 5.81E-08 | 1.28YrCanc | 5.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1593 | ALL | 505172 | 3633326 | 5.67E-08 | 1.28YrCanc | 5.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1594 | ALL | 505222 | 3633326 | 5.65E-08 | 1.28YrCanc | 5.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1595 | ALL | 502222 | 3633376 | 6.12E-08 | 1.28YrCanc | 6.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1596 | ALL | 502272 | 3633376 | 6.34E-08 | 1.28YrCanc | 6.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1597 | ALL | 502322 | 3633376 | 6.57E-08 | 1.28YrCanc | 6.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1598 | ALL | 502372 | 3633376 | 6.82E-08 | 1.28YrCanc | 6.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1599 | ALL | 502422 | 3633376 | 7.07E-08 | 1.28YrCanc | 7.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1600 | ALL | 502472 | 3633376 | 7.34E-08 | 1.28YrCanc | 7.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1601 | ALL | 502522 | 3633376 | 7.62E-08 | 1.28YrCanc | 7.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1602 | ALL | 502572 | 3633376 | 7.91E-08 | 1.28YrCanc | 7.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1603 | ALL | 502622 | 3633376 | 8.21E-08 | 1.28YrCanc | 8.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1604 | ALL | 502672 | 3633376 | 8.53E-08 | 1.28YrCanc | 8.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1605 | ALL | 502722 | 3633376 | 8.86E-08 | 1.28YrCanc | 8.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1606 | ALL | 502772 | 3633376 | 9.20E-08 | 1.28YrCanc | 9.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1607 | ALL | 502822 | 3633376 | 9.56E-08 | 1.28YrCanc | 9.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1608 | ALL | 502872 | 3633376 | 9.93E-08 | 1.28YrCanc | 9.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1609 | ALL | 502922 | 3633376 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1610 | ALL | 502972 | 3633376 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1611 | ALL | 503022 | 3633376 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1612 | ALL | 503072 | 3633376 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1613 | ALL | 503122 | 3633376 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1614 | ALL | 503172 | 3633376 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1615 | ALL | 503222 | 3633376 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1616 | ALL | 503272 | 3633376 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1617 | ALL | 503322 | 3633376 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1618 | ALL | 503372 | 3633376 | 9.72E-08 | 1.28YrCanc | 9.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1619 | ALL | 503422 | 3633376 | 7.29E-08 | 1.28YrCanc | 7.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1620 | ALL | 503472 | 3633376 | 7.21E-08 | 1.28YrCanc | 7.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1621 | ALL | 503622 | 3633376 | 7.29E-08 | 1.28YrCanc | 7.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1622 | ALL | 503672 | 3633376 | 6.84E-08 | 1.28YrCanc | 6.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1623 | ALL | 503722 | 3633376 | 6.23E-08 | 1.28YrCanc | 6.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1624 | ALL | 503772 | 3633376 | 6.10E-08 | 1.28YrCanc | 6.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1625 | ALL | 503822 | 3633376 | 6.19E-08 | 1.28YrCanc | 6.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1626 | ALL | 503872 | 3633376 | 6.10E-08 | 1.28YrCanc | 6.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1627 | ALL | 503922 | 3633376 | 6.52E-08 | 1.28YrCanc | 6.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1628 | ALL | 503972 | 3633376 | 7.05E-08 | 1.28YrCanc | 7.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1629 | ALL | 504022 | 3633376 | 6.88E-08 | 1.28YrCanc | 6.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1630 | ALL | 504072 | 3633376 | 6.73E-08 | 1.28YrCanc | 6.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1631 | ALL | 504122 | 3633376 | 6.97E-08 | 1.28YrCanc | 6.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1632 | ALL | 504172 | 3633376 | 6.51E-08 | 1.28YrCanc | 6.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1633 | ALL | 504222 | 3633376 | 6.45E-08 | 1.28YrCanc | 6.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1634 | ALL | 504272 | 3633376 | 6.64E-08 | 1.28YrCanc | 6.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1635 | ALL | 504322 | 3633376 | 6.93E-08 | 1.28YrCanc | 6.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1636 | ALL | 504372 | 3633376 | 7.00E-08 | 1.28YrCanc | 7.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1637 | ALL | 504422 | 3633376 | 6.63E-08 | 1.28YrCanc | 6.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1638 | ALL | 504472 | 3633376 | 6.40E-08 | 1.28YrCanc | 6.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1639 | ALL | 504522 | 3633376 | 6.32E-08 | 1.28YrCanc | 6.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1640 | ALL | 504572 | 3633376 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1641 | ALL | 504622 | 3633376 | 6.50E-08 | 1.28YrCanc | 6.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1642 | ALL | 504672 | 3633376 | 6.65E-08 | 1.28YrCanc | 6.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1643 | ALL | 504722 | 3633376 | 6.55E-08 | 1.28YrCanc | 6.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1644 | ALL | 504772 | 3633376 | 6.43E-08 | 1.28YrCanc | 6.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1645 | ALL | 504822 | 3633376 | 6.49E-08 | 1.28YrCanc | 6.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1646 | ALL | 504872 | 3633376 | 6.77E-08 | 1.28YrCanc | 6.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1647 | ALL | 504922 | 3633376 | 6.80E-08 | 1.28YrCanc | 6.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1648 | ALL | 504972 | 3633376 | 6.72E-08 | 1.28YrCanc | 6.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1649 | ALL | 505022 | 3633376 | 6.60E-08 | 1.28YrCanc | 6.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1650 | ALL | 505072 | 3633376 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1651 | ALL | 505122 | 3633376 | 6.16E-08 | 1.28YrCanc | 6.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1652 | ALL | 505172 | 3633376 | 6.02E-08 | 1.28YrCanc | 6.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1653 | ALL | 505222 | 3633376 | 6.01E-08 | 1.28YrCanc | 6.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1654 | ALL | 502222 | 3633426 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1655 | ALL | 502272 | 3633426 | 6.50E-08 | 1.28YrCanc | 6.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1656 | ALL | 502322 | 3633426 | 6.75E-08 | 1.28YrCanc | 6.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1657 | ALL | 502372 | 3633426 | 7.00E-08 | 1.28YrCanc | 7.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1658 | ALL | 502422 | 3633426 | 7.28E-08 | 1.28YrCanc | 7.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1659 | ALL | 502472 | 3633426 | 7.57E-08 | 1.28YrCanc | 7.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1660 | ALL | 502522 | 3633426 | 7.87E-08 | 1.28YrCanc | 7.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1661 | ALL | 502572 | 3633426 | 8.18E-08 | 1.28YrCanc | 8.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1662 | ALL | 502622 | 3633426 | 8.51E-08 | 1.28YrCanc | 8.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1663 | ALL | 502672 | 3633426 | 8.85E-08 | 1.28YrCanc | 8.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1664 | ALL | 502722 | 3633426 | 9.21E-08 | 1.28YrCanc | 9.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1665 | ALL | 502772 | 3633426 | 9.59E-08 | 1.28YrCanc | 9.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1666 | ALL | 502822 | 3633426 | 9.98E-08 | 1.28YrCanc | 9.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1667 | ALL | 502872 | 3633426 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1668 | ALL | 502922 | 3633426 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1669 | ALL | 502972 | 3633426 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1670 | ALL | 503022 | 3633426 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1671 | ALL | 503072 | 3633426 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1672 | ALL | 503122 | 3633426 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1673 | ALL | 503172 | 3633426 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1674 | ALL | 503222 | 3633426 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1675 | ALL | 503272 | 3633426 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1676 | ALL | 503322 | 3633426 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1677 | ALL | 503372 | 3633426 | 9.44E-08 | 1.28YrCanc | 9.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1678 | ALL | 503422 | 3633426 | 8.17E-08 | 1.28YrCanc | 8.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1679 | ALL | 503472 | 3633426 | 8.36E-08 | 1.28YrCanc | 8.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1680 | ALL | 503622 | 3633426 | 8.71E-08 | 1.28YrCanc | 8.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1681 | ALL | 503672 | 3633426 | 7.90E-08 | 1.28YrCanc | 7.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1682 | ALL | 503722 | 3633426 | 7.05E-08 | 1.28YrCanc | 7.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1683 | ALL | 503772 | 3633426 | 6.83E-08 | 1.28YrCanc | 6.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1684 | ALL | 503822 | 3633426 | 6.95E-08 | 1.28YrCanc | 6.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1685 | ALL | 503872 | 3633426 | 7.08E-08 | 1.28YrCanc | 7.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1686 | ALL | 503922 | 3633426 | 7.70E-08 | 1.28YrCanc | 7.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1687 | ALL | 503972 | 3633426 | 7.96E-08 | 1.28YrCanc | 7.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1688 | ALL | 504022 | 3633426 | 7.72E-08 | 1.28YrCanc | 7.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1689 | ALL | 504072 | 3633426 | 7.59E-08 | 1.28YrCanc | 7.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1690 | ALL | 504122 | 3633426 | 7.86E-08 | 1.28YrCanc | 7.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1691 | ALL | 504172 | 3633426 | 7.38E-08 | 1.28YrCanc | 7.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1692 | ALL | 504222 | 3633426 | 7.46E-08 | 1.28YrCanc | 7.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1693 | ALL | 504272 | 3633426 | 7.79E-08 | 1.28YrCanc | 7.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1694 | ALL | 504322 | 3633426 | 8.16E-08 | 1.28YrCanc | 8.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1695 | ALL | 504372 | 3633426 | 7.77E-08 | 1.28YrCanc | 7.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1696 | ALL | 504422 | 3633426 | 7.33E-08 | 1.28YrCanc | 7.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1697 | ALL | 504472 | 3633426 | 7.06E-08 | 1.28YrCanc | 7.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1698 | ALL | 504522 | 3633426 | 6.94E-08 | 1.28YrCanc | 6.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1699 | ALL | 504572 | 3633426 | 7.06E-08 | 1.28YrCanc | 7.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1700 | ALL | 504622 | 3633426 | 7.25E-08 | 1.28YrCanc | 7.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1701 | ALL | 504672 | 3633426 | 7.35E-08 | 1.28YrCanc | 7.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1702 | ALL | 504722 | 3633426 | 7.31E-08 | 1.28YrCanc | 7.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1703 | ALL | 504772 | 3633426 | 7.17E-08 | 1.28YrCanc | 7.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1704 | ALL | 504822 | 3633426 | 7.12E-08 | 1.28YrCanc | 7.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1705 | ALL | 504872 | 3633426 | 7.45E-08 | 1.28YrCanc | 7.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1706 | ALL | 504922 | 3633426 | 7.38E-08 | 1.28YrCanc | 7.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1707 | ALL | 504972 | 3633426 | 7.22E-08 | 1.28YrCanc | 7.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1708 | ALL | 505022 | 3633426 | 6.89E-08 | 1.28YrCanc | 6.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1709 | ALL | 505072 | 3633426 | 6.66E-08 | 1.28YrCanc | 6.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1710 | ALL | 505122 | 3633426 | 6.50E-08 | 1.28YrCanc | 6.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1711 | ALL | 505172 | 3633426 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1712 | ALL | 505222 | 3633426 | 6.40E-08 | 1.28YrCanc | 6.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1713 | ALL | 502222 | 3633476 | 6.42E-08 | 1.28YrCanc | 6.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1714 | ALL | 502272 | 3633476 | 6.67E-08 | 1.28YrCanc | 6.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1715 | ALL | 502322 | 3633476 | 6.93E-08 | 1.28YrCanc | 6.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1716 | ALL | 502372 | 3633476 | 7.20E-08 | 1.28YrCanc | 7.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1717 | ALL | 502422 | 3633476 | 7.49E-08 | 1.28YrCanc | 7.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1718 | ALL | 502472 | 3633476 | 7.80E-08 | 1.28YrCanc | 7.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1719 | ALL | 502522 | 3633476 | 8.12E-08 | 1.28YrCanc | 8.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1720 | ALL | 502572 | 3633476 | 8.46E-08 | 1.28YrCanc | 8.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1721 | ALL | 502622 | 3633476 | 8.81E-08 | 1.28YrCanc | 8.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1722 | ALL | 502672 | 3633476 | 9.18E-08 | 1.28YrCanc | 9.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1723 | ALL | 504772 | 3633476 | 8.24E-08 | 1.28YrCanc | 8.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1724 | ALL | 504822 | 3633476 | 8.23E-08 | 1.28YrCanc | 8.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1725 | ALL | 504872 | 3633476 | 8.16E-08 | 1.28YrCanc | 8.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1726 | ALL | 504922 | 3633476 | 8.07E-08 | 1.28YrCanc | 8.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1727 | ALL | 504972 | 3633476 | 7.74E-08 | 1.28YrCanc | 7.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1728 | ALL | 505022 | 3633476 | 7.31E-08 | 1.28YrCanc | 7.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1729 | ALL | 505072 | 3633476 | 7.06E-08 | 1.28YrCanc | 7.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1730 | ALL | 505122 | 3633476 | 6.89E-08 | 1.28YrCanc | 6.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1731 | ALL | 505172 | 3633476 | 6.75E-08 | 1.28YrCanc | 6.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1732 | ALL | 505222 | 3633476 | 6.72E-08 | 1.28YrCanc | 6.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1733 | ALL | 502222 | 3633526 | 6.58E-08 | 1.28YrCanc | 6.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1734 | ALL | 502272 | 3633526 | 6.83E-08 | 1.28YrCanc | 6.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1735 | ALL | 502322 | 3633526 | 7.11E-08 | 1.28YrCanc | 7.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1736 | ALL | 502372 | 3633526 | 7.40E-08 | 1.28YrCanc | 7.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1737 | ALL | 502422 | 3633526 | 7.71E-08 | 1.28YrCanc | 7.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1738 | ALL | 502472 | 3633526 | 8.04E-08 | 1.28YrCanc | 8.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1739 | ALL | 502522 | 3633526 | 8.38E-08 | 1.28YrCanc | 8.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1740 | ALL | 502572 | 3633526 | 8.73E-08 | 1.28YrCanc | 8.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1741 | ALL | 502622 | 3633526 | 9.12E-08 | 1.28YrCanc | 9.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1742 | ALL | 502672 | 3633526 | 9.52E-08 | 1.28YrCanc | 9.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1743 | ALL | 504772 | 3633526 | 8.94E-08 | 1.28YrCanc | 8.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1744 | ALL | 504822 | 3633526 | 8.81E-08 | 1.28YrCanc | 8.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1745 | ALL | 504872 | 3633526 | 8.71E-08 | 1.28YrCanc | 8.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1746 | ALL | 504922 | 3633526 | 8.61E-08 | 1.28YrCanc | 8.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1747 | ALL | 504972 | 3633526 | 8.46E-08 | 1.28YrCanc | 8.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1748 | ALL | 505022 | 3633526 | 8.03E-08 | 1.28YrCanc | 8.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1749 | ALL | 505072 | 3633526 | 7.59E-08 | 1.28YrCanc | 7.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1750 | ALL | 505122 | 3633526 | 7.28E-08 | 1.28YrCanc | 7.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1751 | ALL | 505172 | 3633526 | 7.11E-08 | 1.28YrCanc | 7.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1752 | ALL | 505222 | 3633526 | 7.02E-08 | 1.28YrCanc | 7.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1753 | ALL | 502222 | 3633576 | 6.74E-08 | 1.28YrCanc | 6.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1754 | ALL | 502272 | 3633576 | 7.00E-08 | 1.28YrCanc | 7.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1755 | ALL | 502322 | 3633576 | 7.29E-08 | 1.28YrCanc | 7.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1756 | ALL | 502372 | 3633576 | 7.60E-08 | 1.28YrCanc | 7.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1757 | ALL | 502422 | 3633576 | 7.93E-08 | 1.28YrCanc | 7.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1758 | ALL | 502472 | 3633576 | 8.28E-08 | 1.28YrCanc | 8.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1759 | ALL | 502522 | 3633576 | 8.64E-08 | 1.28YrCanc | 8.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1760 | ALL | 502572 | 3633576 | 9.02E-08 | 1.28YrCanc | 9.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1761 | ALL | 502622 | 3633576 | 9.43E-08 | 1.28YrCanc | 9.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1762 | ALL | 502672 | 3633576 | 9.87E-08 | 1.28YrCanc | 9.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1763 | ALL | 504772 | 3633576 | 9.61E-08 | 1.28YrCanc | 9.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1764 | ALL | 504822 | 3633576 | 9.49E-08 | 1.28YrCanc | 9.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1765 | ALL | 504872 | 3633576 | 9.37E-08 | 1.28YrCanc | 9.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1766 | ALL | 504922 | 3633576 | 9.14E-08 | 1.28YrCanc | 9.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1767 | ALL | 504972 | 3633576 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1768 | ALL | 505022 | 3633576 | 8.74E-08 | 1.28YrCanc | 8.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1769 | ALL | 505072 | 3633576 | 8.20E-08 | 1.28YrCanc | 8.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1770 | ALL | 505122 | 3633576 | 7.73E-08 | 1.28YrCanc | 7.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1771 | ALL | 505172 | 3633576 | 7.50E-08 | 1.28YrCanc | 7.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1772 | ALL | 505222 | 3633576 | 7.42E-08 | 1.28YrCanc | 7.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1773 | ALL | 502222 | 3633626 | 6.89E-08 | 1.28YrCanc | 6.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1774 | ALL | 502272 | 3633626 | 7.17E-08 | 1.28YrCanc | 7.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1775 | ALL | 502322 | 3633626 | 7.47E-08 | 1.28YrCanc | 7.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1776 | ALL | 502372 | 3633626 | 7.80E-08 | 1.28YrCanc | 7.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1777 | ALL | 502422 | 3633626 | 8.15E-08 | 1.28YrCanc | 8.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1778 | ALL | 502472 | 3633626 | 8.52E-08 | 1.28YrCanc | 8.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1779 | ALL | 502522 | 3633626 | 8.91E-08 | 1.28YrCanc | 8.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1780 | ALL | 502572 | 3633626 | 9.33E-08 | 1.28YrCanc | 9.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1781 | ALL | 502622 | 3633626 | 9.77E-08 | 1.28YrCanc | 9.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1782 | ALL | 502672 | 3633626 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1783 | ALL | 504772 | 3633626 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1784 | ALL | 504822 | 3633626 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1785 | ALL | 504872 | 3633626 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1786 | ALL | 504922 | 3633626 | 9.81E-08 | 1.28YrCanc | 9.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1787 | ALL | 504972 | 3633626 | 9.66E-08 | 1.28YrCanc | 9.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1788 | ALL | 505022 | 3633626 | 9.35E-08 | 1.28YrCanc | 9.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1789 | ALL | 505072 | 3633626 | 8.72E-08 | 1.28YrCanc | 8.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1790 | ALL | 505122 | 3633626 | 8.22E-08 | 1.28YrCanc | 8.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1791 | ALL | 505172 | 3633626 | 7.88E-08 | 1.28YrCanc | 7.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1792 | ALL | 505222 | 3633626 | 7.78E-08 | 1.28YrCanc | 7.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1793 | ALL | 502222 | 3633676 | 7.04E-08 | 1.28YrCanc | 7.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1794 | ALL | 502272 | 3633676 | 7.33E-08 | 1.28YrCanc | 7.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1795 | ALL | 502322 | 3633676 | 7.65E-08 | 1.28YrCanc | 7.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1796 | ALL | 502372 | 3633676 | 8.00E-08 | 1.28YrCanc | 8.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1797 | ALL | 502422 | 3633676 | 8.37E-08 | 1.28YrCanc | 8.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1798 | ALL | 502472 | 3633676 | 8.76E-08 | 1.28YrCanc | 8.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1799 | ALL | 502522 | 3633676 | 9.18E-08 | 1.28YrCanc | 9.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1800 | ALL | 502572 | 3633676 | 9.63E-08 | 1.28YrCanc | 9.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1801 | ALL | 502622 | 3633676 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1802 | ALL | 502672 | 3633676 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1803 | ALL | 504772 | 3633676 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1804 | ALL | 504822 | 3633676 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1805 | ALL | 504872 | 3633676 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1806 | ALL | 504922 | 3633676 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1807 | ALL | 504972 | 3633676 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1808 | ALL | 505022 | 3633676 | 9.92E-08 | 1.28YrCanc | 9.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1809 | ALL | 505072 | 3633676 | 9.18E-08 | 1.28YrCanc | 9.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1810 | ALL | 505122 | 3633676 | 8.54E-08 | 1.28YrCanc | 8.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1811 | ALL | 505172 | 3633676 | 8.17E-08 | 1.28YrCanc | 8.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1812 | ALL | 505222 | 3633676 | 8.01E-08 | 1.28YrCanc | 8.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1813 | ALL | 502222 | 3633726 | 7.18E-08 | 1.28YrCanc | 7.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1814 | ALL | 502272 | 3633726 | 7.49E-08 | 1.28YrCanc | 7.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1815 | ALL | 502322 | 3633726 | 7.83E-08 | 1.28YrCanc | 7.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1816 | ALL | 502372 | 3633726 | 8.20E-08 | 1.28YrCanc | 8.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1817 | ALL | 502422 | 3633726 | 8.59E-08 | 1.28YrCanc | 8.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1818 | ALL | 502472 | 3633726 | 9.00E-08 | 1.28YrCanc | 9.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1819 | ALL | 502522 | 3633726 | 9.45E-08 | 1.28YrCanc | 9.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1820 | ALL | 502572 | 3633726 | 9.93E-08 | 1.28YrCanc | 9.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1821 | ALL | 502622 | 3633726 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1822 | ALL | 502672 | 3633726 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1823 | ALL | 504772 | 3633726 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1824 | ALL | 504822 | 3633726 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1825 | ALL | 504872 | 3633726 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1826 | ALL | 504922 | 3633726 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1827 | ALL | 504972 | 3633726 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1828 | ALL | 505022 | 3633726 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1829 | ALL | 505072 | 3633726 | 9.40E-08 | 1.28YrCanc | 9.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1830 | ALL | 505122 | 3633726 | 8.73E-08 | 1.28YrCanc | 8.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1831 | ALL | 505172 | 3633726 | 8.41E-08 | 1.28YrCanc | 8.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1832 | ALL | 505222 | 3633726 | 8.16E-08 | 1.28YrCanc | 8.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1833 | ALL | 502222 | 3633776 | 7.33E-08 | 1.28YrCanc | 7.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1834 | ALL | 502272 | 3633776 | 7.65E-08 | 1.28YrCanc | 7.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1835 | ALL | 502322 | 3633776 | 8.02E-08 | 1.28YrCanc | 8.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1836 | ALL | 502372 | 3633776 | 8.40E-08 | 1.28YrCanc | 8.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1837 | ALL | 502422 | 3633776 | 8.81E-08 | 1.28YrCanc | 8.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1838 | ALL | 502472 | 3633776 | 9.24E-08 | 1.28YrCanc | 9.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1839 | ALL | 502522 | 3633776 | 9.72E-08 | 1.28YrCanc | 9.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1840 | ALL | 502572 | 3633776 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1841 | ALL | 502622 | 3633776 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1842 | ALL | 502672 | 3633776 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1843 | ALL | 504772 | 3633776 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1844 | ALL | 504822 | 3633776 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1845 | ALL | 504872 | 3633776 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1846 | ALL | 504922 | 3633776 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1847 | ALL | 504972 | 3633776 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1848 | ALL | 505022 | 3633776 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1849 | ALL | 505072 | 3633776 | 9.64E-08 | 1.28YrCanc | 9.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1850 | ALL | 505122 | 3633776 | 8.95E-08 | 1.28YrCanc | 8.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1851 | ALL | 505172 | 3633776 | 8.54E-08 | 1.28YrCanc | 8.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1852 | ALL | 505222 | 3633776 | 8.27E-08 | 1.28YrCanc | 8.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1853 | ALL | 502222 | 3633826 | 7.47E-08 | 1.28YrCanc | 7.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1854 | ALL | 502272 | 3633826 | 7.81E-08 | 1.28YrCanc | 7.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1855 | ALL | 502322 | 3633826 | 8.19E-08 | 1.28YrCanc | 8.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1856 | ALL | 502372 | 3633826 | 8.59E-08 | 1.28YrCanc | 8.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1857 | ALL | 502422 | 3633826 | 9.02E-08 | 1.28YrCanc | 9.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1858 | ALL | 502472 | 3633826 | 9.48E-08 | 1.28YrCanc | 9.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1859 | ALL | 502522 | 3633826 | 9.98E-08 | 1.28YrCanc | 9.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1860 | ALL | 502572 | 3633826 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1861 | ALL | 502622 | 3633826 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1862 | ALL | 502672 | 3633826 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1863 | ALL | 504772 | 3633826 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1864 | ALL | 504822 | 3633826 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1865 | ALL | 504872 | 3633826 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1866 | ALL | 504922 | 3633826 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1867 | ALL | 504972 | 3633826 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1868 | ALL | 505022 | 3633826 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1869 | ALL | 505072 | 3633826 | 9.78E-08 | 1.28YrCanc | 9.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1870 | ALL | 505122 | 3633826 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1871 | ALL | 505172 | 3633826 | 8.66E-08 | 1.28YrCanc | 8.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1872 | ALL | 505222 | 3633826 | 8.39E-08 | 1.28YrCanc | 8.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1873 | ALL | 502222 | 3633876 | 7.61E-08 | 1.28YrCanc | 7.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1874 | ALL | 502272 | 3633876 | 7.96E-08 | 1.28YrCanc | 7.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1875 | ALL | 502322 | 3633876 | 8.36E-08 | 1.28YrCanc | 8.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1876 | ALL | 502372 | 3633876 | 8.77E-08 | 1.28YrCanc | 8.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1877 | ALL | 502422 | 3633876 | 9.23E-08 | 1.28YrCanc | 9.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1878 | ALL | 502472 | 3633876 | 9.71E-08 | 1.28YrCanc | 9.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1879 | ALL | 502522 | 3633876 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1880 | ALL | 502572 | 3633876 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1881 | ALL | 502622 | 3633876 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1882 | ALL | 502672 | 3633876 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1883 | ALL | 504772 | 3633876 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1884 | ALL | 504822 | 3633876 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1885 | ALL | 504872 | 3633876 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1886 | ALL | 504922 | 3633876 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1887 | ALL | 504972 | 3633876 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1888 | ALL | 505022 | 3633876 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1889 | ALL | 505072 | 3633876 | 9.86E-08 | 1.28YrCanc | 9.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1890 | ALL | 505122 | 3633876 | 9.22E-08 | 1.28YrCanc | 9.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1891 | ALL | 505172 | 3633876 | 8.84E-08 | 1.28YrCanc | 8.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1892 | ALL | 505222 | 3633876 | 8.54E-08 | 1.28YrCanc | 8.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1893 | ALL | 502222 | 3633926 | 7.74E-08 | 1.28YrCanc | 7.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1894 | ALL | 502272 | 3633926 | 8.11E-08 | 1.28YrCanc | 8.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1895 | ALL | 502322 | 3633926 | 8.52E-08 | 1.28YrCanc | 8.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1896 | ALL | 502372 | 3633926 | 8.95E-08 | 1.28YrCanc | 8.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1897 | ALL | 502422 | 3633926 | 9.44E-08 | 1.28YrCanc | 9.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1898 | ALL | 502472 | 3633926 | 9.94E-08 | 1.28YrCanc | 9.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1899 | ALL | 502522 | 3633926 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1900 | ALL | 502572 | 3633926 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1901 | ALL | 502622 | 3633926 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1902 | ALL | 502672 | 3633926 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1903 | ALL | 504772 | 3633926 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1904 | ALL | 504822 | 3633926 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1905 | ALL | 504872 | 3633926 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1906 | ALL | 504922 | 3633926 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1907 | ALL | 504972 | 3633926 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1908 | ALL | 505022 | 3633926 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1909 | ALL | 505072 | 3633926 | 9.90E-08 | 1.28YrCanc | 9.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1910 | ALL | 505122 | 3633926 | 9.40E-08 | 1.28YrCanc | 9.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1911 | ALL | 505172 | 3633926 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1912 | ALL | 505222 | 3633926 | 8.70E-08 | 1.28YrCanc | 8.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1913 | ALL | 502222 | 3633976 | 7.87E-08 | 1.28YrCanc | 7.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1914 | ALL | 502272 | 3633976 | 8.25E-08 | 1.28YrCanc | 8.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1915 | ALL | 502322 | 3633976 | 8.67E-08 | 1.28YrCanc | 8.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1916 | ALL | 502372 | 3633976 | 9.13E-08 | 1.28YrCanc | 9.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1917 | ALL | 502422 | 3633976 | 9.63E-08 | 1.28YrCanc | 9.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1918 | ALL | 502472 | 3633976 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1919 | ALL | 502522 | 3633976 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1920 | ALL | 502572 | 3633976 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1921 | ALL | 502622 | 3633976 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1922 | ALL | 502672 | 3633976 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1923 | ALL | 504772 | 3633976 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1924 | ALL | 504822 | 3633976 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1925 | ALL | 504872 | 3633976 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1926 | ALL | 504922 | 3633976 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1927 | ALL | 504972 | 3633976 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1928 | ALL | 505022 | 3633976 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1929 | ALL | 505072 | 3633976 | 9.88E-08 | 1.28YrCanc | 9.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1930 | ALL | 505122 | 3633976 | 9.55E-08 | 1.28YrCanc | 9.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1931 | ALL | 505172 | 3633976 | 9.17E-08 | 1.28YrCanc | 9.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1932 | ALL | 505222 | 3633976 | 8.76E-08 | 1.28YrCanc | 8.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1933 | ALL | 502222 | 3634026 | 7.99E-08 | 1.28YrCanc | 7.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1934 | ALL | 502272 | 3634026 | 8.38E-08 | 1.28YrCanc | 8.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1935 | ALL | 502322 | 3634026 | 8.82E-08 | 1.28YrCanc | 8.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1936 | ALL | 502372 | 3634026 | 9.30E-08 | 1.28YrCanc | 9.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1937 | ALL | 502422 | 3634026 | 9.81E-08 | 1.28YrCanc | 9.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1938 | ALL | 502472 | 3634026 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1939 | ALL | 502522 | 3634026 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1940 | ALL | 502572 | 3634026 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1941 | ALL | 502622 | 3634026 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1942 | ALL | 502672 | 3634026 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1943 | ALL | 504772 | 3634026 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1944 | ALL | 504822 | 3634026 | 1.55E-07 | 1.28YrCanc | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1945 | ALL | 504872 | 3634026 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1946 | ALL | 504922 | 3634026 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1947 | ALL | 504972 | 3634026 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1948 | ALL | 505022 | 3634026 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 ALL | 505072 | 3634026 | 9.83E-08 | 1.28YrCanc | 9.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1950 ALL | 505122 | 3634026 | 9.50E-08 | 1.28YrCanc | 9.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1951 ALL | 505172 | 3634026 | 9.15E-08 | 1.28YrCanc | 9.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1952 ALL | 505222 | 3634026 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1953 ALL | 502222 | 3634076 | 8.09E-08 | 1.28YrCanc | 8.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1954 ALL | 502272 | 3634076 | 8.50E-08 | 1.28YrCanc | 8.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1955 ALL | 502322 | 3634076 | 8.95E-08 | 1.28YrCanc | 8.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1956 ALL | 502372 | 3634076 | 9.44E-08 | 1.28YrCanc | 9.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1957 ALL | 502422 | 3634076 | 9.97E-08 | 1.28YrCanc | 9.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1958 ALL | 502472 | 3634076 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1959 ALL | 502522 | 3634076 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1960 ALL | 502572 | 3634076 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1961 ALL | 502622 | 3634076 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1962 ALL | 502672 | 3634076 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1963 ALL | 504772 | 3634076 | 1.66E-07 | 1.28YrCanc | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1964 ALL | 504822 | 3634076 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1965 ALL | 504872 | 3634076 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1966 ALL | 504922 | 3634076 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1967 ALL | 504972 | 3634076 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1968 ALL | 505022 | 3634076 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1969 ALL | 505072 | 3634076 | 9.63E-08 | 1.28YrCanc | 9.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1970 ALL | 505122 | 3634076 | 9.25E-08 | 1.28YrCanc | 9.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1971 ALL | 505172 | 3634076 | 8.93E-08 | 1.28YrCanc | 8.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1972 ALL | 505222 | 3634076 | 8.48E-08 | 1.28YrCanc | 8.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1973 ALL | 502222 | 3634126 | 8.18E-08 | 1.28YrCanc | 8.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1974 ALL | 502272 | 3634126 | 8.61E-08 | 1.28YrCanc | 8.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1975 ALL | 502322 | 3634126 | 9.07E-08 | 1.28YrCanc | 9.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1976 ALL | 502372 | 3634126 | 9.58E-08 | 1.28YrCanc | 9.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1977 ALL | 502422 | 3634126 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1978 ALL | 502472 | 3634126 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1979 ALL | 502522 | 3634126 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1980 ALL | 502572 | 3634126 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1981 ALL | 502622 | 3634126 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1982 ALL | 502672 | 3634126 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1983 ALL | 504772 | 3634126 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1984 ALL | 504822 | 3634126 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1985 ALL | 504872 | 3634126 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1986 ALL | 504922 | 3634126 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1987 ALL | 504972 | 3634126 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1988 ALL | 505022 | 3634126 | 9.87E-08 | 1.28YrCanc | 9.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1989 ALL | 505072 | 3634126 | 9.33E-08 | 1.28YrCanc | 9.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1990 ALL | 505122 | 3634126 | 9.00E-08 | 1.28YrCanc | 9.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1991 ALL | 505172 | 3634126 | 8.65E-08 | 1.28YrCanc | 8.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1992 ALL | 505222 | 3634126 | 8.25E-08 | 1.28YrCanc | 8.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1993 ALL | 502222 | 3634176 | 8.24E-08 | 1.28YrCanc | 8.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1994 ALL | 502272 | 3634176 | 8.69E-08 | 1.28YrCanc | 8.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1995 ALL | 502322 | 3634176 | 9.16E-08 | 1.28YrCanc | 9.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1996 ALL | 502372 | 3634176 | 9.73E-08 | 1.28YrCanc | 9.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1997 ALL | 502422 | 3634176 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1998 ALL | 502472 | 3634176 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1999 ALL | 502522 | 3634176 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2000 ALL | 502572 | 3634176 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2001 ALL | 502622 | 3634176 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2002 ALL | 502672 | 3634176 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2003 ALL | 504772 | 3634176 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2004 ALL | 504822 | 3634176 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2005 ALL | 504872 | 3634176 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2006 ALL | 504922 | 3634176 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2007 ALL | 504972 | 3634176 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2008 ALL | 505022 | 3634176 | 9.55E-08 | 1.28YrCanc | 9.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2009 ALL | 505072 | 3634176 | 8.90E-08 | 1.28YrCanc | 8.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2010 ALL | 505122 | 3634176 | 8.69E-08 | 1.28YrCanc | 8.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2011 ALL | 505172 | 3634176 | 8.38E-08 | 1.28YrCanc | 8.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2012 ALL | 505222 | 3634176 | 8.13E-08 | 1.28YrCanc | 8.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2013 ALL | 502222 | 3634226 | 8.33E-08 | 1.28YrCanc | 8.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2014 ALL | 502272 | 3634226 | 8.77E-08 | 1.28YrCanc | 8.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2015 ALL | 502322 | 3634226 | 9.28E-08 | 1.28YrCanc | 9.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2016 ALL | 502372 | 3634226 | 9.84E-08 | 1.28YrCanc | 9.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2017 ALL | 502422 | 3634226 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2018 ALL | 502472 | 3634226 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2019 ALL | 502522 | 3634226 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2020 ALL | 502572 | 3634226 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2021 ALL | 502622 | 3634226 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2022 ALL | 502672 | 3634226 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2023 ALL | 504772 | 3634226 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2024 ALL | 504822 | 3634226 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2025 ALL | 504872 | 3634226 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2026 ALL | 504922 | 3634226 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2027 ALL | 504972 | 3634226 | 9.99E-08 | 1.28YrCanc | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2028 ALL | 505022 | 3634226 | 9.28E-08 | 1.28YrCanc | 9.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2029 ALL | 505072 | 3634226 | 8.66E-08 | 1.28YrCanc | 8.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2030 ALL | 505122 | 3634226 | 8.41E-08 | 1.28YrCanc | 8.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2031 ALL | 505172 | 3634226 | 7.94E-08 | 1.28YrCanc | 7.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2032 ALL | 505222 | 3634226 | 7.91E-08 | 1.28YrCanc | 7.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2033 ALL | 502222 | 3634276 | 8.40E-08 | 1.28YrCanc | 8.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2034 ALL | 502272 | 3634276 | 8.85E-08 | 1.28YrCanc | 8.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2035 ALL | 502322 | 3634276 | 9.36E-08 | 1.28YrCanc | 9.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2036 ALL | 502372 | 3634276 | 9.94E-08 | 1.28YrCanc | 9.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2037 ALL | 502422 | 3634276 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2038 ALL | 502472 | 3634276 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2039 ALL | 502522 | 3634276 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2040 ALL | 502572 | 3634276 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2041 ALL | 502622 | 3634276 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2042 ALL | 502672 | 3634276 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2043 ALL | 504772 | 3634276 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2044 ALL | 504822 | 3634276 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2045 ALL | 504872 | 3634276 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2046 ALL | 504922 | 3634276 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2047 ALL | 504972 | 3634276 | 9.99E-08 | 1.28YrCanc | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2048 ALL | 505022 | 3634276 | 9.14E-08 | 1.28YrCanc | 9.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2049 ALL | 505072 | 3634276 | 8.58E-08 | 1.28YrCanc | 8.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2050 ALL | 505122 | 3634276 | 8.36E-08 | 1.28YrCanc | 8.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2051 ALL | 505172 | 3634276 | 7.74E-08 | 1.28YrCanc | 7.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2052 ALL | 505222 | 3634276 | 7.75E-08 | 1.28YrCanc | 7.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2053 ALL | 502222 | 3634326 | 8.46E-08 | 1.28YrCanc | 8.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2054 ALL | 502272 | 3634326 | 8.93E-08 | 1.28YrCanc | 8.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2055 ALL | 502322 | 3634326 | 9.43E-08 | 1.28YrCanc | 9.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2056 ALL | 502372 | 3634326 | 9.99E-08 | 1.28YrCanc | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2057 ALL | 502422 | 3634326 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2058 ALL | 502472 | 3634326 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2059 ALL | 502522 | 3634326 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2060 ALL | 502572 | 3634326 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2061 ALL | 502622 | 3634326 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2062 ALL | 502672 | 3634326 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2063 ALL | 504772 | 3634326 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2064 ALL | 504822 | 3634326 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2065 ALL | 504872 | 3634326 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2066 ALL | 504922 | 3634326 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2067 ALL | 504972 | 3634326 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2068 ALL | 505022 | 3634326 | 9.11E-08 | 1.28YrCanc | 9.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2069 ALL | 505072 | 3634326 | 8.56E-08 | 1.28YrCanc | 8.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2070 ALL | 505122 | 3634326 | 8.48E-08 | 1.28YrCanc | 8.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2071 ALL | 505172 | 3634326 | 7.85E-08 | 1.28YrCanc | 7.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2072 ALL | 505222 | 3634326 | 7.60E-08 | 1.28YrCanc | 7.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2073 ALL | 502222 | 3634376 | 8.53E-08 | 1.28YrCanc | 8.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2074 ALL | 502272 | 3634376 | 9.00E-08 | 1.28YrCanc | 9.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2075 ALL | 502322 | 3634376 | 9.50E-08 | 1.28YrCanc | 9.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2076 ALL | 502372 | 3634376 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2077 ALL | 502422 | 3634376 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2078 ALL | 502472 | 3634376 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2079 ALL | 502522 | 3634376 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2080 ALL | 502572 | 3634376 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2081 ALL | 502622 | 3634376 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2082 ALL | 502672 | 3634376 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2083 ALL | 504772 | 3634376 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2084 ALL | 504822 | 3634376 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2085 ALL | 504872 | 3634376 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2086 ALL | 504922 | 3634376 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2087 ALL | 504972 | 3634376 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2088 ALL | 505022 | 3634376 | 9.22E-08 | 1.28YrCanc | 9.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2089 ALL | 505072 | 3634376 | 8.73E-08 | 1.28YrCanc | 8.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2090 ALL | 505122 | 3634376 | 8.73E-08 | 1.28YrCanc | 8.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2091 ALL | 505172 | 3634376 | 8.12E-08 | 1.28YrCanc | 8.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2092 ALL | 505222 | 3634376 | 7.64E-08 | 1.28YrCanc | 7.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2093 ALL | 502222 | 3634426 | 8.59E-08 | 1.28YrCanc | 8.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2094 ALL | 502272 | 3634426 | 9.07E-08 | 1.28YrCanc | 9.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2095 ALL | 502322 | 3634426 | 9.58E-08 | 1.28YrCanc | 9.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2096 ALL | 502372 | 3634426 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2097 ALL | 502422 | 3634426 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2098 ALL | 502472 | 3634426 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2099 ALL | 502522 | 3634426 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2100 ALL | 502572 | 3634426 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2101 ALL | 502622 | 3634426 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2102 ALL | 502672 | 3634426 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2103 ALL | 504772 | 3634426 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2104 ALL | 504822 | 3634426 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2105 ALL | 504872 | 3634426 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2106 ALL | 504922 | 3634426 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2107 ALL | 504972 | 3634426 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2108 ALL | 505022 | 3634426 | 9.89E-08 | 1.28YrCanc | 9.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2109 ALL | 505072 | 3634426 | 9.58E-08 | 1.28YrCanc | 9.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2110 ALL | 505122 | 3634426 | 9.20E-08 | 1.28YrCanc | 9.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2111 ALL | 505172 | 3634426 | 8.50E-08 | 1.28YrCanc | 8.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2112 ALL | 505222 | 3634426 | 7.92E-08 | 1.28YrCanc | 7.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2113 ALL | 502222 | 3634476 | 8.61E-08 | 1.28YrCanc | 8.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2114 ALL | 502272 | 3634476 | 9.09E-08 | 1.28YrCanc | 9.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2115 ALL | 502322 | 3634476 | 9.61E-08 | 1.28YrCanc | 9.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2116 ALL | 502372 | 3634476 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2117 ALL | 502422 | 3634476 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2118 ALL | 502472 | 3634476 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2119 ALL | 502522 | 3634476 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2120 ALL | 502572 | 3634476 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2121 ALL | 502622 | 3634476 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2122 ALL | 502672 | 3634476 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2123 ALL | 504772 | 3634476 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2124 ALL | 504822 | 3634476 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2125 ALL | 504872 | 3634476 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2126 ALL | 504922 | 3634476 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2127 ALL | 504972 | 3634476 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2128 ALL | 505022 | 3634476 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2129 ALL | 505072 | 3634476 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2130 ALL | 505122 | 3634476 | 9.87E-08 | 1.28YrCanc | 9.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2131 ALL | 505172 | 3634476 | 9.06E-08 | 1.28YrCanc | 9.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2132 ALL | 505222 | 3634476 | 8.37E-08 | 1.28YrCanc | 8.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2133 ALL | 502222 | 3634526 | 8.63E-08 | 1.28YrCanc | 8.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2134 ALL | 502272 | 3634526 | 9.10E-08 | 1.28YrCanc | 9.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2135 ALL | 502322 | 3634526 | 9.62E-08 | 1.28YrCanc | 9.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2136 ALL | 502372 | 3634526 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2137 ALL | 502422 | 3634526 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2138 ALL | 502472 | 3634526 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2139 ALL | 502522 | 3634526 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2140 ALL | 502572 | 3634526 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2141 ALL | 502622 | 3634526 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2142 ALL | 502672 | 3634526 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2143 ALL | 504772 | 3634526 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2144 ALL | 504822 | 3634526 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2145 ALL | 504872 | 3634526 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2146 ALL | 504922 | 3634526 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2147 ALL | 504972 | 3634526 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2148 ALL | 505022 | 3634526 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2149 | ALL | 505072 | 3634526 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2150 | ALL | 505122 | 3634526 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2151 | ALL | 505172 | 3634526 | 9.50E-08 | 1.28YrCanc | 9.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2152 | ALL | 505222 | 3634526 | 8.62E-08 | 1.28YrCanc | 8.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2153 | ALL | 502222 | 3634576 | 8.63E-08 | 1.28YrCanc | 8.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2154 | ALL | 502272 | 3634576 | 9.09E-08 | 1.28YrCanc | 9.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2155 | ALL | 502322 | 3634576 | 9.61E-08 | 1.28YrCanc | 9.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2156 | ALL | 502372 | 3634576 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2157 | ALL | 502422 | 3634576 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2158 | ALL | 502472 | 3634576 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2159 | ALL | 502522 | 3634576 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2160 | ALL | 502572 | 3634576 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2161 | ALL | 502622 | 3634576 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2162 | ALL | 502672 | 3634576 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2163 | ALL | 504772 | 3634576 | 1.69E-07 | 1.28YrCanc | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2164 | ALL | 504822 | 3634576 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2165 | ALL | 504872 | 3634576 | 1.55E-07 | 1.28YrCanc | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2166 | ALL | 504922 | 3634576 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2167 | ALL | 504972 | 3634576 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2168 | ALL | 505022 | 3634576 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2169 | ALL | 505072 | 3634576 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2170 | ALL | 505122 | 3634576 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2171 | ALL | 505172 | 3634576 | 9.34E-08 | 1.28YrCanc | 9.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2172 | ALL | 505222 | 3634576 | 8.55E-08 | 1.28YrCanc | 8.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2173 | ALL | 502222 | 3634626 | 8.61E-08 | 1.28YrCanc | 8.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2174 | ALL | 502272 | 3634626 | 9.08E-08 | 1.28YrCanc | 9.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2175 | ALL | 502322 | 3634626 | 9.58E-08 | 1.28YrCanc | 9.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2176 | ALL | 502372 | 3634626 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2177 | ALL | 502422 | 3634626 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2178 | ALL | 502472 | 3634626 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2179 | ALL | 502522 | 3634626 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2180 | ALL | 502572 | 3634626 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2181 | ALL | 502622 | 3634626 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2182 | ALL | 502672 | 3634626 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2183 | ALL | 504772 | 3634626 | 2.08E-07 | 1.28YrCanc | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2184 | ALL | 504822 | 3634626 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2185 | ALL | 504872 | 3634626 | 1.86E-07 | 1.28YrCanc | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2186 | ALL | 504922 | 3634626 | 1.72E-07 | 1.28YrCanc | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2187 | ALL | 504972 | 3634626 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2188 | ALL | 505022 | 3634626 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2189 | ALL | 505072 | 3634626 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2190 | ALL | 505122 | 3634626 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2191 | ALL | 505172 | 3634626 | 9.15E-08 | 1.28YrCanc | 9.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2192 | ALL | 505222 | 3634626 | 8.36E-08 | 1.28YrCanc | 8.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2193 | ALL | 502222 | 3634676 | 8.57E-08 | 1.28YrCanc | 8.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2194 | ALL | 502272 | 3634676 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2195 | ALL | 502322 | 3634676 | 9.55E-08 | 1.28YrCanc | 9.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2196 | ALL | 502372 | 3634676 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2197 | ALL | 502422 | 3634676 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2198 | ALL | 502472 | 3634676 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2199 | ALL | 502522 | 3634676 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2200 | ALL | 502572 | 3634676 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2201 | ALL | 502622 | 3634676 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2202 | ALL | 502672 | 3634676 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2203 | ALL | 504772 | 3634676 | 2.18E-07 | 1.28YrCanc | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2204 | ALL | 504822 | 3634676 | 2.01E-07 | 1.28YrCanc | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2205 | ALL | 504872 | 3634676 | 1.84E-07 | 1.28YrCanc | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2206 | ALL | 504922 | 3634676 | 1.71E-07 | 1.28YrCanc | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2207 | ALL | 504972 | 3634676 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2208 | ALL | 505022 | 3634676 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2209 | ALL | 505072 | 3634676 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2210 | ALL | 505122 | 3634676 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2211 | ALL | 505172 | 3634676 | 9.26E-08 | 1.28YrCanc | 9.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2212 | ALL | 505222 | 3634676 | 8.40E-08 | 1.28YrCanc | 8.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2213 | ALL | 502222 | 3634726 | 8.52E-08 | 1.28YrCanc | 8.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2214 | ALL | 502272 | 3634726 | 8.98E-08 | 1.28YrCanc | 8.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2215 | ALL | 502322 | 3634726 | 9.47E-08 | 1.28YrCanc | 9.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2216 | ALL | 502372 | 3634726 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2217 | ALL | 502422 | 3634726 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2218 | ALL | 502472 | 3634726 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2219 | ALL | 502522 | 3634726 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2220 | ALL | 502572 | 3634726 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2221 | ALL | 502622 | 3634726 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2222 | ALL | 502672 | 3634726 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2223 | ALL | 504772 | 3634726 | 2.10E-07 | 1.28YrCanc | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2224 | ALL | 504822 | 3634726 | 1.96E-07 | 1.28YrCanc | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2225 | ALL | 504872 | 3634726 | 1.83E-07 | 1.28YrCanc | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2226 | ALL | 504922 | 3634726 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2227 | ALL | 504972 | 3634726 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2228 | ALL | 505022 | 3634726 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2229 | ALL | 505072 | 3634726 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2230 | ALL | 505122 | 3634726 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2231 | ALL | 505172 | 3634726 | 8.89E-08 | 1.28YrCanc | 8.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2232 | ALL | 505222 | 3634726 | 8.30E-08 | 1.28YrCanc | 8.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2233 | ALL | 502222 | 3634776 | 8.45E-08 | 1.28YrCanc | 8.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2234 | ALL | 502272 | 3634776 | 8.91E-08 | 1.28YrCanc | 8.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2235 | ALL | 502322 | 3634776 | 9.38E-08 | 1.28YrCanc | 9.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2236 | ALL | 502372 | 3634776 | 9.90E-08 | 1.28YrCanc | 9.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2237 | ALL | 502422 | 3634776 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2238 | ALL | 502472 | 3634776 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2239 | ALL | 502522 | 3634776 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2240 | ALL | 502572 | 3634776 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2241 | ALL | 502622 | 3634776 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2242 | ALL | 502672 | 3634776 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2243 | ALL | 504772 | 3634776 | 2.02E-07 | 1.28YrCanc | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2244 | ALL | 504822 | 3634776 | 1.89E-07 | 1.28YrCanc | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2245 | ALL | 504872 | 3634776 | 1.77E-07 | 1.28YrCanc | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2246 | ALL | 504922 | 3634776 | 1.59E-07 | 1.28YrCanc | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2247 | ALL | 504972 | 3634776 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2248 | ALL | 505022 | 3634776 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2249 ALL | 505072 | 3634776 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2250 ALL | 505122 | 3634776 | 9.80E-08 | 1.28YrCanc | 9.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2251 ALL | 505172 | 3634776 | 8.59E-08 | 1.28YrCanc | 8.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2252 ALL | 505222 | 3634776 | 7.95E-08 | 1.28YrCanc | 7.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2253 ALL | 502222 | 3634826 | 8.37E-08 | 1.28YrCanc | 8.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2254 ALL | 502272 | 3634826 | 8.81E-08 | 1.28YrCanc | 8.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2255 ALL | 502322 | 3634826 | 9.28E-08 | 1.28YrCanc | 9.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2256 ALL | 502372 | 3634826 | 9.79E-08 | 1.28YrCanc | 9.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2257 ALL | 502422 | 3634826 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2258 ALL | 502472 | 3634826 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2259 ALL | 502522 | 3634826 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2260 ALL | 502572 | 3634826 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2261 ALL | 502622 | 3634826 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2262 ALL | 502672 | 3634826 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2263 ALL | 504772 | 3634826 | 1.94E-07 | 1.28YrCanc | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2264 ALL | 504822 | 3634826 | 1.82E-07 | 1.28YrCanc | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2265 ALL | 504872 | 3634826 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2266 ALL | 504922 | 3634826 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2267 ALL | 504972 | 3634826 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2268 ALL | 505022 | 3634826 | 9.78E-08 | 1.28YrCanc | 9.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2269 ALL | 505072 | 3634826 | 9.38E-08 | 1.28YrCanc | 9.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2270 ALL | 505122 | 3634826 | 8.96E-08 | 1.28YrCanc | 8.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2271 ALL | 505172 | 3634826 | 8.11E-08 | 1.28YrCanc | 8.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2272 ALL | 505222 | 3634826 | 7.59E-08 | 1.28YrCanc | 7.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2273 ALL | 502222 | 3634876 | 8.27E-08 | 1.28YrCanc | 8.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2274 ALL | 502272 | 3634876 | 8.69E-08 | 1.28YrCanc | 8.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2275 ALL | 502322 | 3634876 | 9.15E-08 | 1.28YrCanc | 9.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2276 ALL | 502372 | 3634876 | 9.65E-08 | 1.28YrCanc | 9.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2277 ALL | 502422 | 3634876 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2278 ALL | 502472 | 3634876 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2279 ALL | 502522 | 3634876 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2280 ALL | 502572 | 3634876 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2281 ALL | 502622 | 3634876 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2282 ALL | 502672 | 3634876 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2283 ALL | 504772 | 3634876 | 1.87E-07 | 1.28YrCanc | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2284 ALL | 504822 | 3634876 | 1.74E-07 | 1.28YrCanc | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2285 ALL | 504872 | 3634876 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2286 ALL | 504922 | 3634876 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2287 ALL | 504972 | 3634876 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2288 ALL | 505022 | 3634876 | 9.08E-08 | 1.28YrCanc | 9.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2289 ALL | 505072 | 3634876 | 8.30E-08 | 1.28YrCanc | 8.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2290 ALL | 505122 | 3634876 | 8.09E-08 | 1.28YrCanc | 8.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2291 ALL | 505172 | 3634876 | 7.61E-08 | 1.28YrCanc | 7.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2292 ALL | 505222 | 3634876 | 7.30E-08 | 1.28YrCanc | 7.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2293 ALL | 502222 | 3634926 | 8.16E-08 | 1.28YrCanc | 8.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2294 ALL | 502272 | 3634926 | 8.56E-08 | 1.28YrCanc | 8.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2295 ALL | 502322 | 3634926 | 9.01E-08 | 1.28YrCanc | 9.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2296 ALL | 502372 | 3634926 | 9.48E-08 | 1.28YrCanc | 9.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2297 ALL | 502422 | 3634926 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2298 ALL | 502472 | 3634926 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2299 | ALL | 502522 | 3634926 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2300 | ALL | 502572 | 3634926 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2301 | ALL | 502622 | 3634926 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2302 | ALL | 502672 | 3634926 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2303 | ALL | 504772 | 3634926 | 1.80E-07 | 1.28YrCanc | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2304 | ALL | 504822 | 3634926 | 1.67E-07 | 1.28YrCanc | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2305 | ALL | 504872 | 3634926 | 1.56E-07 | 1.28YrCanc | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2306 | ALL | 504922 | 3634926 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2307 | ALL | 504972 | 3634926 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2308 | ALL | 505022 | 3634926 | 8.74E-08 | 1.28YrCanc | 8.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2309 | ALL | 505072 | 3634926 | 7.86E-08 | 1.28YrCanc | 7.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2310 | ALL | 505122 | 3634926 | 7.62E-08 | 1.28YrCanc | 7.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2311 | ALL | 505172 | 3634926 | 7.26E-08 | 1.28YrCanc | 7.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2312 | ALL | 505222 | 3634926 | 7.03E-08 | 1.28YrCanc | 7.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2313 | ALL | 502222 | 3634976 | 8.03E-08 | 1.28YrCanc | 8.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2314 | ALL | 502272 | 3634976 | 8.42E-08 | 1.28YrCanc | 8.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2315 | ALL | 502322 | 3634976 | 8.84E-08 | 1.28YrCanc | 8.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2316 | ALL | 502372 | 3634976 | 9.30E-08 | 1.28YrCanc | 9.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2317 | ALL | 502422 | 3634976 | 9.80E-08 | 1.28YrCanc | 9.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2318 | ALL | 502472 | 3634976 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2319 | ALL | 502522 | 3634976 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2320 | ALL | 502572 | 3634976 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2321 | ALL | 502622 | 3634976 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2322 | ALL | 502672 | 3634976 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2323 | ALL | 504822 | 3634976 | 1.60E-07 | 1.28YrCanc | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2324 | ALL | 504872 | 3634976 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2325 | ALL | 504922 | 3634976 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2326 | ALL | 504972 | 3634976 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2327 | ALL | 505022 | 3634976 | 8.76E-08 | 1.28YrCanc | 8.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2328 | ALL | 505072 | 3634976 | 7.84E-08 | 1.28YrCanc | 7.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2329 | ALL | 505122 | 3634976 | 7.77E-08 | 1.28YrCanc | 7.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2330 | ALL | 505172 | 3634976 | 7.41E-08 | 1.28YrCanc | 7.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2331 | ALL | 505222 | 3634976 | 7.02E-08 | 1.28YrCanc | 7.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2332 | ALL | 502222 | 3635026 | 7.89E-08 | 1.28YrCanc | 7.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2333 | ALL | 502272 | 3635026 | 8.27E-08 | 1.28YrCanc | 8.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2334 | ALL | 502322 | 3635026 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2335 | ALL | 502372 | 3635026 | 9.11E-08 | 1.28YrCanc | 9.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2336 | ALL | 502422 | 3635026 | 9.58E-08 | 1.28YrCanc | 9.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2337 | ALL | 502472 | 3635026 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2338 | ALL | 502522 | 3635026 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2339 | ALL | 502572 | 3635026 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2340 | ALL | 502622 | 3635026 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2341 | ALL | 502672 | 3635026 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2342 | ALL | 504872 | 3635026 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2343 | ALL | 504922 | 3635026 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2344 | ALL | 504972 | 3635026 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2345 | ALL | 505022 | 3635026 | 8.87E-08 | 1.28YrCanc | 8.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2346 | ALL | 505072 | 3635026 | 8.11E-08 | 1.28YrCanc | 8.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2347 | ALL | 505122 | 3635026 | 8.16E-08 | 1.28YrCanc | 8.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2348 | ALL | 505172 | 3635026 | 7.83E-08 | 1.28YrCanc | 7.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2349 ALL | 505222 | 3635026 | 7.29E-08 | 1.28YrCanc | 7.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2350 ALL | 502222 | 3635076 | 7.75E-08 | 1.28YrCanc | 7.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2351 ALL | 502272 | 3635076 | 8.11E-08 | 1.28YrCanc | 8.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2352 ALL | 502322 | 3635076 | 8.50E-08 | 1.28YrCanc | 8.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2353 ALL | 502372 | 3635076 | 8.91E-08 | 1.28YrCanc | 8.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2354 ALL | 502422 | 3635076 | 9.36E-08 | 1.28YrCanc | 9.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2355 ALL | 502472 | 3635076 | 9.84E-08 | 1.28YrCanc | 9.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2356 ALL | 502522 | 3635076 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2357 ALL | 502572 | 3635076 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2358 ALL | 502622 | 3635076 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2359 ALL | 502672 | 3635076 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2360 ALL | 504922 | 3635076 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2361 ALL | 504972 | 3635076 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2362 ALL | 505022 | 3635076 | 9.50E-08 | 1.28YrCanc | 9.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2363 ALL | 505072 | 3635076 | 8.93E-08 | 1.28YrCanc | 8.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2364 ALL | 505122 | 3635076 | 8.89E-08 | 1.28YrCanc | 8.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2365 ALL | 505172 | 3635076 | 8.89E-08 | 1.28YrCanc | 8.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2366 ALL | 505222 | 3635076 | 8.20E-08 | 1.28YrCanc | 8.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2367 ALL | 502222 | 3635126 | 7.59E-08 | 1.28YrCanc | 7.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2368 ALL | 502272 | 3635126 | 7.94E-08 | 1.28YrCanc | 7.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2369 ALL | 502322 | 3635126 | 8.31E-08 | 1.28YrCanc | 8.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2370 ALL | 502372 | 3635126 | 8.71E-08 | 1.28YrCanc | 8.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2371 ALL | 502422 | 3635126 | 9.13E-08 | 1.28YrCanc | 9.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2372 ALL | 502472 | 3635126 | 9.59E-08 | 1.28YrCanc | 9.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2373 ALL | 502522 | 3635126 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2374 ALL | 502572 | 3635126 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2375 ALL | 502622 | 3635126 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2376 ALL | 502672 | 3635126 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2377 ALL | 505022 | 3635126 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2378 ALL | 505072 | 3635126 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2379 ALL | 505122 | 3635126 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2380 ALL | 505172 | 3635126 | 9.77E-08 | 1.28YrCanc | 9.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2381 ALL | 505222 | 3635126 | 8.76E-08 | 1.28YrCanc | 8.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2382 ALL | 502222 | 3635176 | 7.44E-08 | 1.28YrCanc | 7.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2383 ALL | 502272 | 3635176 | 7.77E-08 | 1.28YrCanc | 7.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2384 ALL | 502322 | 3635176 | 8.12E-08 | 1.28YrCanc | 8.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2385 ALL | 502372 | 3635176 | 8.50E-08 | 1.28YrCanc | 8.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2386 ALL | 502422 | 3635176 | 8.90E-08 | 1.28YrCanc | 8.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2387 ALL | 502472 | 3635176 | 9.34E-08 | 1.28YrCanc | 9.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2388 ALL | 502522 | 3635176 | 9.80E-08 | 1.28YrCanc | 9.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2389 ALL | 502572 | 3635176 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2390 ALL | 502622 | 3635176 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2391 ALL | 502672 | 3635176 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2392 ALL | 505122 | 3635176 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2393 ALL | 505172 | 3635176 | 9.58E-08 | 1.28YrCanc | 9.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2394 ALL | 505222 | 3635176 | 9.14E-08 | 1.28YrCanc | 9.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2395 ALL | 502222 | 3635226 | 7.28E-08 | 1.28YrCanc | 7.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2396 ALL | 502272 | 3635226 | 7.60E-08 | 1.28YrCanc | 7.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2397 ALL | 502322 | 3635226 | 7.93E-08 | 1.28YrCanc | 7.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2398 ALL | 502372 | 3635226 | 8.29E-08 | 1.28YrCanc | 8.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2399 | ALL | 502422 | 3635226 | 8.67E-08 | 1.28YrCanc | 8.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2400 | ALL | 502472 | 3635226 | 9.09E-08 | 1.28YrCanc | 9.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2401 | ALL | 502522 | 3635226 | 9.53E-08 | 1.28YrCanc | 9.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2402 | ALL | 502572 | 3635226 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2403 | ALL | 502622 | 3635226 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2404 | ALL | 502672 | 3635226 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2405 | ALL | 502222 | 3635276 | 7.29E-08 | 1.28YrCanc | 7.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2406 | ALL | 502272 | 3635276 | 7.42E-08 | 1.28YrCanc | 7.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2407 | ALL | 502322 | 3635276 | 7.75E-08 | 1.28YrCanc | 7.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2408 | ALL | 502372 | 3635276 | 8.10E-08 | 1.28YrCanc | 8.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2409 | ALL | 502422 | 3635276 | 8.46E-08 | 1.28YrCanc | 8.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2410 | ALL | 502472 | 3635276 | 8.85E-08 | 1.28YrCanc | 8.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2411 | ALL | 502522 | 3635276 | 9.33E-08 | 1.28YrCanc | 9.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2412 | ALL | 502572 | 3635276 | 9.70E-08 | 1.28YrCanc | 9.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2413 | ALL | 502622 | 3635276 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2414 | ALL | 502672 | 3635276 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2415 | ALL | 502222 | 3635326 | 7.23E-08 | 1.28YrCanc | 7.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2416 | ALL | 502272 | 3635326 | 7.26E-08 | 1.28YrCanc | 7.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2417 | ALL | 502322 | 3635326 | 7.64E-08 | 1.28YrCanc | 7.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2418 | ALL | 502372 | 3635326 | 8.00E-08 | 1.28YrCanc | 8.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2419 | ALL | 502422 | 3635326 | 8.35E-08 | 1.28YrCanc | 8.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2420 | ALL | 502472 | 3635326 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2421 | ALL | 502522 | 3635326 | 9.03E-08 | 1.28YrCanc | 9.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2422 | ALL | 502572 | 3635326 | 9.43E-08 | 1.28YrCanc | 9.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2423 | ALL | 502622 | 3635326 | 9.86E-08 | 1.28YrCanc | 9.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2424 | ALL | 502672 | 3635326 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2425 | ALL | 502222 | 3635376 | 7.01E-08 | 1.28YrCanc | 7.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2426 | ALL | 502272 | 3635376 | 7.16E-08 | 1.28YrCanc | 7.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2427 | ALL | 502322 | 3635376 | 7.48E-08 | 1.28YrCanc | 7.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2428 | ALL | 502372 | 3635376 | 7.80E-08 | 1.28YrCanc | 7.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2429 | ALL | 502422 | 3635376 | 8.11E-08 | 1.28YrCanc | 8.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2430 | ALL | 502472 | 3635376 | 8.41E-08 | 1.28YrCanc | 8.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2431 | ALL | 502522 | 3635376 | 8.72E-08 | 1.28YrCanc | 8.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2432 | ALL | 502572 | 3635376 | 9.09E-08 | 1.28YrCanc | 9.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2433 | ALL | 502622 | 3635376 | 9.49E-08 | 1.28YrCanc | 9.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2434 | ALL | 502672 | 3635376 | 9.93E-08 | 1.28YrCanc | 9.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2435 | ALL | 502222 | 3635426 | 6.84E-08 | 1.28YrCanc | 6.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2436 | ALL | 502272 | 3635426 | 6.99E-08 | 1.28YrCanc | 6.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2437 | ALL | 502322 | 3635426 | 7.27E-08 | 1.28YrCanc | 7.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2438 | ALL | 502372 | 3635426 | 7.54E-08 | 1.28YrCanc | 7.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2439 | ALL | 502422 | 3635426 | 7.82E-08 | 1.28YrCanc | 7.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2440 | ALL | 502472 | 3635426 | 8.10E-08 | 1.28YrCanc | 8.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2441 | ALL | 502522 | 3635426 | 8.40E-08 | 1.28YrCanc | 8.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2442 | ALL | 502572 | 3635426 | 8.74E-08 | 1.28YrCanc | 8.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2443 | ALL | 502622 | 3635426 | 9.10E-08 | 1.28YrCanc | 9.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2444 | ALL | 502672 | 3635426 | 9.50E-08 | 1.28YrCanc | 9.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2445 | ALL | 504772 | 3635426 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2446 | ALL | 502222 | 3635476 | 6.62E-08 | 1.28YrCanc | 6.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2447 | ALL | 502272 | 3635476 | 6.83E-08 | 1.28YrCanc | 6.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2448 | ALL | 502322 | 3635476 | 7.05E-08 | 1.28YrCanc | 7.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2449 | ALL | 502372 | 3635476 | 7.29E-08 | 1.28YrCanc | 7.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2450 | ALL | 502422 | 3635476 | 7.54E-08 | 1.28YrCanc | 7.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2451 | ALL | 502472 | 3635476 | 7.79E-08 | 1.28YrCanc | 7.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2452 | ALL | 502522 | 3635476 | 8.10E-08 | 1.28YrCanc | 8.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2453 | ALL | 502572 | 3635476 | 8.42E-08 | 1.28YrCanc | 8.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2454 | ALL | 502622 | 3635476 | 8.76E-08 | 1.28YrCanc | 8.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2455 | ALL | 502672 | 3635476 | 9.09E-08 | 1.28YrCanc | 9.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2456 | ALL | 504772 | 3635476 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2457 | ALL | 504822 | 3635476 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2458 | ALL | 504872 | 3635476 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2459 | ALL | 504922 | 3635476 | 9.94E-08 | 1.28YrCanc | 9.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2460 | ALL | 502222 | 3635526 | 6.40E-08 | 1.28YrCanc | 6.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2461 | ALL | 502272 | 3635526 | 6.61E-08 | 1.28YrCanc | 6.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2462 | ALL | 502322 | 3635526 | 6.82E-08 | 1.28YrCanc | 6.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2463 | ALL | 502372 | 3635526 | 7.05E-08 | 1.28YrCanc | 7.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2464 | ALL | 502422 | 3635526 | 7.28E-08 | 1.28YrCanc | 7.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2465 | ALL | 502472 | 3635526 | 7.52E-08 | 1.28YrCanc | 7.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2466 | ALL | 502522 | 3635526 | 7.81E-08 | 1.28YrCanc | 7.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2467 | ALL | 502572 | 3635526 | 8.10E-08 | 1.28YrCanc | 8.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2468 | ALL | 502622 | 3635526 | 8.40E-08 | 1.28YrCanc | 8.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2469 | ALL | 502672 | 3635526 | 8.70E-08 | 1.28YrCanc | 8.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2470 | ALL | 502722 | 3635526 | 9.03E-08 | 1.28YrCanc | 9.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2471 | ALL | 502772 | 3635526 | 9.41E-08 | 1.28YrCanc | 9.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2472 | ALL | 502822 | 3635526 | 9.80E-08 | 1.28YrCanc | 9.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2473 | ALL | 502872 | 3635526 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2474 | ALL | 502922 | 3635526 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2475 | ALL | 502972 | 3635526 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2476 | ALL | 503022 | 3635526 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2477 | ALL | 503072 | 3635526 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2478 | ALL | 503122 | 3635526 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2479 | ALL | 503172 | 3635526 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2480 | ALL | 503222 | 3635526 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2481 | ALL | 503272 | 3635526 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2482 | ALL | 503322 | 3635526 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2483 | ALL | 503372 | 3635526 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2484 | ALL | 503422 | 3635526 | 1.49E-07 | 1.28YrCanc | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2485 | ALL | 503472 | 3635526 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2486 | ALL | 503522 | 3635526 | 1.59E-07 | 1.28YrCanc | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2487 | ALL | 503572 | 3635526 | 1.60E-07 | 1.28YrCanc | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2488 | ALL | 503622 | 3635526 | 1.61E-07 | 1.28YrCanc | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2489 | ALL | 503672 | 3635526 | 1.63E-07 | 1.28YrCanc | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2490 | ALL | 503722 | 3635526 | 1.65E-07 | 1.28YrCanc | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2491 | ALL | 503772 | 3635526 | 1.68E-07 | 1.28YrCanc | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2492 | ALL | 503822 | 3635526 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2493 | ALL | 503872 | 3635526 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2494 | ALL | 503922 | 3635526 | 1.73E-07 | 1.28YrCanc | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2495 | ALL | 503972 | 3635526 | 1.75E-07 | 1.28YrCanc | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2496 | ALL | 504022 | 3635526 | 1.70E-07 | 1.28YrCanc | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2497 | ALL | 504072 | 3635526 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2498 | ALL | 504122 | 3635526 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2499 | ALL | 504172 | 3635526 | 1.56E-07 | 1.28YrCanc | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2500 | ALL | 504222 | 3635526 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2501 | ALL | 504272 | 3635526 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2502 | ALL | 504322 | 3635526 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2503 | ALL | 504372 | 3635526 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2504 | ALL | 504422 | 3635526 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2505 | ALL | 504472 | 3635526 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2506 | ALL | 504522 | 3635526 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2507 | ALL | 504572 | 3635526 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2508 | ALL | 504622 | 3635526 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2509 | ALL | 504672 | 3635526 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2510 | ALL | 504722 | 3635526 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2511 | ALL | 504772 | 3635526 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2512 | ALL | 504822 | 3635526 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2513 | ALL | 504872 | 3635526 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2514 | ALL | 504922 | 3635526 | 9.60E-08 | 1.28YrCanc | 9.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2515 | ALL | 504972 | 3635526 | 9.24E-08 | 1.28YrCanc | 9.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2516 | ALL | 505022 | 3635526 | 8.89E-08 | 1.28YrCanc | 8.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2517 | ALL | 505072 | 3635526 | 8.51E-08 | 1.28YrCanc | 8.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2518 | ALL | 505122 | 3635526 | 8.14E-08 | 1.28YrCanc | 8.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2519 | ALL | 505172 | 3635526 | 7.80E-08 | 1.28YrCanc | 7.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2520 | ALL | 505222 | 3635526 | 7.48E-08 | 1.28YrCanc | 7.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2521 | ALL | 502222 | 3635576 | 6.14E-08 | 1.28YrCanc | 6.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2522 | ALL | 502272 | 3635576 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2523 | ALL | 502322 | 3635576 | 6.60E-08 | 1.28YrCanc | 6.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2524 | ALL | 502372 | 3635576 | 6.81E-08 | 1.28YrCanc | 6.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2525 | ALL | 502422 | 3635576 | 7.02E-08 | 1.28YrCanc | 7.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2526 | ALL | 502472 | 3635576 | 7.27E-08 | 1.28YrCanc | 7.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2527 | ALL | 502522 | 3635576 | 7.54E-08 | 1.28YrCanc | 7.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2528 | ALL | 502572 | 3635576 | 7.82E-08 | 1.28YrCanc | 7.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2529 | ALL | 502622 | 3635576 | 8.09E-08 | 1.28YrCanc | 8.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2530 | ALL | 502672 | 3635576 | 8.37E-08 | 1.28YrCanc | 8.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2531 | ALL | 502722 | 3635576 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2532 | ALL | 502772 | 3635576 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2533 | ALL | 502822 | 3635576 | 9.41E-08 | 1.28YrCanc | 9.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2534 | ALL | 502872 | 3635576 | 9.78E-08 | 1.28YrCanc | 9.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2535 | ALL | 502922 | 3635576 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2536 | ALL | 502972 | 3635576 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2537 | ALL | 503022 | 3635576 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2538 | ALL | 503072 | 3635576 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2539 | ALL | 503122 | 3635576 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2540 | ALL | 503172 | 3635576 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2541 | ALL | 503222 | 3635576 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2542 | ALL | 503272 | 3635576 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2543 | ALL | 503322 | 3635576 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2544 | ALL | 503372 | 3635576 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2545 | ALL | 503422 | 3635576 | 1.41E-07 | 1.28YrCanc | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2546 | ALL | 503472 | 3635576 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2547 | ALL | 503522 | 3635576 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2548 | ALL | 503572 | 3635576 | 1.52E-07 | 1.28YrCanc | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2549 | ALL | 503622 | 3635576 | 1.51E-07 | 1.28YrCanc | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2550 | ALL | 503672 | 3635576 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2551 | ALL | 503722 | 3635576 | 1.54E-07 | 1.28YrCanc | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2552 | ALL | 503772 | 3635576 | 1.56E-07 | 1.28YrCanc | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2553 | ALL | 503822 | 3635576 | 1.57E-07 | 1.28YrCanc | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2554 | ALL | 503872 | 3635576 | 1.58E-07 | 1.28YrCanc | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2555 | ALL | 503922 | 3635576 | 1.60E-07 | 1.28YrCanc | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2556 | ALL | 503972 | 3635576 | 1.62E-07 | 1.28YrCanc | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2557 | ALL | 504022 | 3635576 | 1.53E-07 | 1.28YrCanc | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2558 | ALL | 504072 | 3635576 | 1.50E-07 | 1.28YrCanc | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2559 | ALL | 504122 | 3635576 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2560 | ALL | 504172 | 3635576 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2561 | ALL | 504222 | 3635576 | 1.42E-07 | 1.28YrCanc | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2562 | ALL | 504272 | 3635576 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2563 | ALL | 504322 | 3635576 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2564 | ALL | 504372 | 3635576 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2565 | ALL | 504422 | 3635576 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2566 | ALL | 504472 | 3635576 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2567 | ALL | 504522 | 3635576 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2568 | ALL | 504572 | 3635576 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2569 | ALL | 504622 | 3635576 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2570 | ALL | 504672 | 3635576 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2571 | ALL | 504722 | 3635576 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2572 | ALL | 504772 | 3635576 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2573 | ALL | 504822 | 3635576 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2574 | ALL | 504872 | 3635576 | 9.76E-08 | 1.28YrCanc | 9.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2575 | ALL | 504922 | 3635576 | 9.22E-08 | 1.28YrCanc | 9.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2576 | ALL | 504972 | 3635576 | 8.97E-08 | 1.28YrCanc | 8.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2577 | ALL | 505022 | 3635576 | 8.64E-08 | 1.28YrCanc | 8.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2578 | ALL | 505072 | 3635576 | 8.29E-08 | 1.28YrCanc | 8.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2579 | ALL | 505122 | 3635576 | 8.00E-08 | 1.28YrCanc | 8.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2580 | ALL | 505172 | 3635576 | 7.61E-08 | 1.28YrCanc | 7.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2581 | ALL | 505222 | 3635576 | 7.34E-08 | 1.28YrCanc | 7.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2582 | ALL | 502222 | 3635626 | 5.87E-08 | 1.28YrCanc | 5.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2583 | ALL | 502272 | 3635626 | 6.14E-08 | 1.28YrCanc | 6.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2584 | ALL | 502322 | 3635626 | 6.35E-08 | 1.28YrCanc | 6.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2585 | ALL | 502372 | 3635626 | 6.58E-08 | 1.28YrCanc | 6.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2586 | ALL | 502422 | 3635626 | 6.73E-08 | 1.28YrCanc | 6.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2587 | ALL | 502472 | 3635626 | 6.95E-08 | 1.28YrCanc | 6.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2588 | ALL | 502522 | 3635626 | 7.19E-08 | 1.28YrCanc | 7.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2589 | ALL | 502572 | 3635626 | 7.52E-08 | 1.28YrCanc | 7.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2590 | ALL | 502622 | 3635626 | 7.81E-08 | 1.28YrCanc | 7.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2591 | ALL | 502672 | 3635626 | 8.07E-08 | 1.28YrCanc | 8.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2592 | ALL | 502722 | 3635626 | 8.34E-08 | 1.28YrCanc | 8.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2593 | ALL | 502772 | 3635626 | 8.66E-08 | 1.28YrCanc | 8.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2594 | ALL | 502822 | 3635626 | 8.97E-08 | 1.28YrCanc | 8.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2595 | ALL | 502872 | 3635626 | 9.31E-08 | 1.28YrCanc | 9.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2596 | ALL | 502922 | 3635626 | 9.65E-08 | 1.28YrCanc | 9.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2597 | ALL | 502972 | 3635626 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2598 | ALL | 503022 | 3635626 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2599 | ALL | 503072 | 3635626 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2600 | ALL | 503122 | 3635626 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2601 | ALL | 503172 | 3635626 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2602 | ALL | 503222 | 3635626 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2603 | ALL | 503272 | 3635626 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2604 | ALL | 503322 | 3635626 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2605 | ALL | 503372 | 3635626 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2606 | ALL | 503422 | 3635626 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2607 | ALL | 503472 | 3635626 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2608 | ALL | 503522 | 3635626 | 1.42E-07 | 1.28YrCanc | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2609 | ALL | 503572 | 3635626 | 1.43E-07 | 1.28YrCanc | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2610 | ALL | 503622 | 3635626 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2611 | ALL | 503672 | 3635626 | 1.45E-07 | 1.28YrCanc | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2612 | ALL | 503722 | 3635626 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2613 | ALL | 503772 | 3635626 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2614 | ALL | 503822 | 3635626 | 1.47E-07 | 1.28YrCanc | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2615 | ALL | 503872 | 3635626 | 1.46E-07 | 1.28YrCanc | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2616 | ALL | 503922 | 3635626 | 1.48E-07 | 1.28YrCanc | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2617 | ALL | 503972 | 3635626 | 1.49E-07 | 1.28YrCanc | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2618 | ALL | 504022 | 3635626 | 1.44E-07 | 1.28YrCanc | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2619 | ALL | 504072 | 3635626 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2620 | ALL | 504122 | 3635626 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2621 | ALL | 504172 | 3635626 | 1.37E-07 | 1.28YrCanc | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2622 | ALL | 504222 | 3635626 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2623 | ALL | 504272 | 3635626 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2624 | ALL | 504322 | 3635626 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2625 | ALL | 504372 | 3635626 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2626 | ALL | 504422 | 3635626 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2627 | ALL | 504472 | 3635626 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2628 | ALL | 504522 | 3635626 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2629 | ALL | 504572 | 3635626 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2630 | ALL | 504622 | 3635626 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2631 | ALL | 504672 | 3635626 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2632 | ALL | 504722 | 3635626 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2633 | ALL | 504772 | 3635626 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2634 | ALL | 504822 | 3635626 | 9.80E-08 | 1.28YrCanc | 9.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2635 | ALL | 504872 | 3635626 | 9.41E-08 | 1.28YrCanc | 9.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2636 | ALL | 504922 | 3635626 | 8.89E-08 | 1.28YrCanc | 8.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2637 | ALL | 504972 | 3635626 | 8.71E-08 | 1.28YrCanc | 8.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2638 | ALL | 505022 | 3635626 | 8.25E-08 | 1.28YrCanc | 8.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2639 | ALL | 505072 | 3635626 | 7.93E-08 | 1.28YrCanc | 7.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2640 | ALL | 505122 | 3635626 | 7.75E-08 | 1.28YrCanc | 7.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2641 | ALL | 505172 | 3635626 | 7.42E-08 | 1.28YrCanc | 7.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2642 | ALL | 505222 | 3635626 | 7.12E-08 | 1.28YrCanc | 7.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2643 | ALL | 502222 | 3635676 | 5.59E-08 | 1.28YrCanc | 5.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2644 | ALL | 502272 | 3635676 | 5.87E-08 | 1.28YrCanc | 5.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2645 | ALL | 502322 | 3635676 | 6.07E-08 | 1.28YrCanc | 6.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2646 | ALL | 502372 | 3635676 | 6.29E-08 | 1.28YrCanc | 6.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2647 | ALL | 502422 | 3635676 | 6.47E-08 | 1.28YrCanc | 6.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2648 | ALL | 502472 | 3635676 | 6.70E-08 | 1.28YrCanc | 6.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2649 | ALL | 502522 | 3635676 | 6.94E-08 | 1.28YrCanc | 6.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2650 | ALL | 502572 | 3635676 | 7.22E-08 | 1.28YrCanc | 7.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2651 | ALL | 502622 | 3635676 | 7.51E-08 | 1.28YrCanc | 7.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2652 | ALL | 502672 | 3635676 | 7.78E-08 | 1.28YrCanc | 7.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2653 | ALL | 502722 | 3635676 | 8.02E-08 | 1.28YrCanc | 8.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2654 | ALL | 502772 | 3635676 | 8.26E-08 | 1.28YrCanc | 8.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2655 | ALL | 502822 | 3635676 | 8.56E-08 | 1.28YrCanc | 8.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2656 | ALL | 502872 | 3635676 | 8.86E-08 | 1.28YrCanc | 8.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2657 | ALL | 502922 | 3635676 | 9.11E-08 | 1.28YrCanc | 9.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2658 | ALL | 502972 | 3635676 | 9.48E-08 | 1.28YrCanc | 9.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2659 | ALL | 503022 | 3635676 | 9.79E-08 | 1.28YrCanc | 9.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2660 | ALL | 503072 | 3635676 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2661 | ALL | 503122 | 3635676 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2662 | ALL | 503172 | 3635676 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2663 | ALL | 503222 | 3635676 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2664 | ALL | 503272 | 3635676 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2665 | ALL | 503322 | 3635676 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2666 | ALL | 503372 | 3635676 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2667 | ALL | 503422 | 3635676 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2668 | ALL | 503472 | 3635676 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2669 | ALL | 503522 | 3635676 | 1.33E-07 | 1.28YrCanc | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2670 | ALL | 503572 | 3635676 | 1.35E-07 | 1.28YrCanc | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2671 | ALL | 503622 | 3635676 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2672 | ALL | 503672 | 3635676 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2673 | ALL | 503722 | 3635676 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2674 | ALL | 503772 | 3635676 | 1.39E-07 | 1.28YrCanc | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2675 | ALL | 503822 | 3635676 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2676 | ALL | 503872 | 3635676 | 1.38E-07 | 1.28YrCanc | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2677 | ALL | 503922 | 3635676 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2678 | ALL | 503972 | 3635676 | 1.40E-07 | 1.28YrCanc | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2679 | ALL | 504022 | 3635676 | 1.36E-07 | 1.28YrCanc | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2680 | ALL | 504072 | 3635676 | 1.34E-07 | 1.28YrCanc | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2681 | ALL | 504122 | 3635676 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2682 | ALL | 504172 | 3635676 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2683 | ALL | 504222 | 3635676 | 1.26E-07 | 1.28YrCanc | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2684 | ALL | 504272 | 3635676 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2685 | ALL | 504322 | 3635676 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2686 | ALL | 504372 | 3635676 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2687 | ALL | 504422 | 3635676 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2688 | ALL | 504472 | 3635676 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2689 | ALL | 504522 | 3635676 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2690 | ALL | 504572 | 3635676 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2691 | ALL | 504622 | 3635676 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2692 | ALL | 504672 | 3635676 | 9.99E-08 | 1.28YrCanc | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2693 | ALL | 504722 | 3635676 | 9.71E-08 | 1.28YrCanc | 9.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2694 | ALL | 504772 | 3635676 | 9.86E-08 | 1.28YrCanc | 9.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2695 | ALL | 504822 | 3635676 | 9.41E-08 | 1.28YrCanc | 9.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2696 | ALL | 504872 | 3635676 | 9.06E-08 | 1.28YrCanc | 9.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2697 | ALL | 504922 | 3635676 | 8.59E-08 | 1.28YrCanc | 8.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2698 | ALL | 504972 | 3635676 | 8.45E-08 | 1.28YrCanc | 8.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2699 | ALL | 505022 | 3635676 | 8.10E-08 | 1.28YrCanc | 8.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2700 | ALL | 505072 | 3635676 | 7.71E-08 | 1.28YrCanc | 7.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2701 | ALL | 505122 | 3635676 | 7.55E-08 | 1.28YrCanc | 7.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2702 | ALL | 505172 | 3635676 | 7.26E-08 | 1.28YrCanc | 7.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2703 | ALL | 505222 | 3635676 | 6.96E-08 | 1.28YrCanc | 6.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2704 | ALL | 502222 | 3635726 | 5.36E-08 | 1.28YrCanc | 5.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2705 | ALL | 502272 | 3635726 | 5.65E-08 | 1.28YrCanc | 5.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2706 | ALL | 502322 | 3635726 | 5.87E-08 | 1.28YrCanc | 5.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2707 | ALL | 502372 | 3635726 | 6.09E-08 | 1.28YrCanc | 6.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2708 | ALL | 502422 | 3635726 | 6.26E-08 | 1.28YrCanc | 6.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2709 | ALL | 502472 | 3635726 | 6.48E-08 | 1.28YrCanc | 6.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2710 | ALL | 502522 | 3635726 | 6.69E-08 | 1.28YrCanc | 6.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2711 | ALL | 502572 | 3635726 | 6.98E-08 | 1.28YrCanc | 6.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2712 | ALL | 502622 | 3635726 | 7.25E-08 | 1.28YrCanc | 7.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2713 | ALL | 502672 | 3635726 | 7.48E-08 | 1.28YrCanc | 7.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2714 | ALL | 502722 | 3635726 | 7.73E-08 | 1.28YrCanc | 7.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2715 | ALL | 502772 | 3635726 | 7.96E-08 | 1.28YrCanc | 7.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2716 | ALL | 502822 | 3635726 | 8.22E-08 | 1.28YrCanc | 8.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2717 | ALL | 502872 | 3635726 | 8.50E-08 | 1.28YrCanc | 8.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2718 | ALL | 502922 | 3635726 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2719 | ALL | 502972 | 3635726 | 8.98E-08 | 1.28YrCanc | 8.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2720 | ALL | 503022 | 3635726 | 9.24E-08 | 1.28YrCanc | 9.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2721 | ALL | 503072 | 3635726 | 9.59E-08 | 1.28YrCanc | 9.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2722 | ALL | 503122 | 3635726 | 9.86E-08 | 1.28YrCanc | 9.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2723 | ALL | 503172 | 3635726 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2724 | ALL | 503222 | 3635726 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2725 | ALL | 503272 | 3635726 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2726 | ALL | 503322 | 3635726 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2727 | ALL | 503372 | 3635726 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2728 | ALL | 503422 | 3635726 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2729 | ALL | 503472 | 3635726 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2730 | ALL | 503522 | 3635726 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2731 | ALL | 503572 | 3635726 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2732 | ALL | 503622 | 3635726 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2733 | ALL | 503672 | 3635726 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2734 | ALL | 503722 | 3635726 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2735 | ALL | 503772 | 3635726 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2736 | ALL | 503822 | 3635726 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2737 | ALL | 503872 | 3635726 | 1.30E-07 | 1.28YrCanc | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2738 | ALL | 503922 | 3635726 | 1.31E-07 | 1.28YrCanc | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2739 | ALL | 503972 | 3635726 | 1.32E-07 | 1.28YrCanc | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2740 | ALL | 504022 | 3635726 | 1.29E-07 | 1.28YrCanc | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2741 | ALL | 504072 | 3635726 | 1.28E-07 | 1.28YrCanc | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2742 | ALL | 504122 | 3635726 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2743 | ALL | 504172 | 3635726 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2744 | ALL | 504222 | 3635726 | 1.25E-07 | 1.28YrCanc | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2745 | ALL | 504272 | 3635726 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2746 | ALL | 504322 | 3635726 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2747 | ALL | 504372 | 3635726 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2748 | ALL | 504422 | 3635726 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2749 | ALL | 504472 | 3635726 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2750 | ALL | 504522 | 3635726 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2751 | ALL | 504572 | 3635726 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2752 | ALL | 504622 | 3635726 | 9.96E-08 | 1.28YrCanc | 9.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2753 | ALL | 504672 | 3635726 | 9.77E-08 | 1.28YrCanc | 9.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2754 | ALL | 504722 | 3635726 | 9.30E-08 | 1.28YrCanc | 9.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2755 | ALL | 504772 | 3635726 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2756 | ALL | 504822 | 3635726 | 8.92E-08 | 1.28YrCanc | 8.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2757 | ALL | 504872 | 3635726 | 8.57E-08 | 1.28YrCanc | 8.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2758 | ALL | 504922 | 3635726 | 8.29E-08 | 1.28YrCanc | 8.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2759 | ALL | 504972 | 3635726 | 8.19E-08 | 1.28YrCanc | 8.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2760 | ALL | 505022 | 3635726 | 7.93E-08 | 1.28YrCanc | 7.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2761 | ALL | 505072 | 3635726 | 7.57E-08 | 1.28YrCanc | 7.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2762 | ALL | 505122 | 3635726 | 7.37E-08 | 1.28YrCanc | 7.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2763 | ALL | 505172 | 3635726 | 7.09E-08 | 1.28YrCanc | 7.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2764 | ALL | 505222 | 3635726 | 6.81E-08 | 1.28YrCanc | 6.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2765 | ALL | 502222 | 3635776 | 5.18E-08 | 1.28YrCanc | 5.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2766 | ALL | 502272 | 3635776 | 5.47E-08 | 1.28YrCanc | 5.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2767 | ALL | 502322 | 3635776 | 5.67E-08 | 1.28YrCanc | 5.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2768 | ALL | 502372 | 3635776 | 5.90E-08 | 1.28YrCanc | 5.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2769 | ALL | 502422 | 3635776 | 6.07E-08 | 1.28YrCanc | 6.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2770 | ALL | 502472 | 3635776 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2771 | ALL | 502522 | 3635776 | 6.47E-08 | 1.28YrCanc | 6.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2772 | ALL | 502572 | 3635776 | 6.71E-08 | 1.28YrCanc | 6.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2773 | ALL | 502622 | 3635776 | 6.95E-08 | 1.28YrCanc | 6.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2774 | ALL | 502672 | 3635776 | 7.18E-08 | 1.28YrCanc | 7.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2775 | ALL | 502722 | 3635776 | 7.45E-08 | 1.28YrCanc | 7.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2776 | ALL | 502772 | 3635776 | 7.69E-08 | 1.28YrCanc | 7.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2777 | ALL | 502822 | 3635776 | 7.93E-08 | 1.28YrCanc | 7.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2778 | ALL | 502872 | 3635776 | 8.16E-08 | 1.28YrCanc | 8.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2779 | ALL | 502922 | 3635776 | 8.34E-08 | 1.28YrCanc | 8.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2780 | ALL | 502972 | 3635776 | 8.62E-08 | 1.28YrCanc | 8.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2781 | ALL | 503022 | 3635776 | 8.79E-08 | 1.28YrCanc | 8.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2782 | ALL | 503072 | 3635776 | 9.08E-08 | 1.28YrCanc | 9.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2783 | ALL | 503122 | 3635776 | 9.35E-08 | 1.28YrCanc | 9.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2784 | ALL | 503172 | 3635776 | 9.67E-08 | 1.28YrCanc | 9.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2785 | ALL | 503222 | 3635776 | 9.56E-08 | 1.28YrCanc | 9.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2786 | ALL | 503272 | 3635776 | 9.62E-08 | 1.28YrCanc | 9.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2787 | ALL | 503322 | 3635776 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2788 | ALL | 503372 | 3635776 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2789 | ALL | 503422 | 3635776 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2790 | ALL | 503472 | 3635776 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2791 | ALL | 503522 | 3635776 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2792 | ALL | 503572 | 3635776 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2793 | ALL | 503622 | 3635776 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2794 | ALL | 503672 | 3635776 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2795 | ALL | 503722 | 3635776 | 1.22E-07 | 1.28YrCanc | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2796 | ALL | 503772 | 3635776 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2797 | ALL | 503822 | 3635776 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2798 | ALL | 503872 | 3635776 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2799 | ALL | 503922 | 3635776 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2800 | ALL | 503972 | 3635776 | 1.27E-07 | 1.28YrCanc | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2801 | ALL | 504022 | 3635776 | 1.23E-07 | 1.28YrCanc | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2802 | ALL | 504072 | 3635776 | 1.24E-07 | 1.28YrCanc | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2803 | ALL | 504122 | 3635776 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2804 | ALL | 504172 | 3635776 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2805 | ALL | 504222 | 3635776 | 1.20E-07 | 1.28YrCanc | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2806 | ALL | 504272 | 3635776 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2807 | ALL | 504322 | 3635776 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2808 | ALL | 504372 | 3635776 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2809 | ALL | 504422 | 3635776 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2810 | ALL | 504472 | 3635776 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2811 | ALL | 504522 | 3635776 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2812 | ALL | 504572 | 3635776 | 9.79E-08 | 1.28YrCanc | 9.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2813 | ALL | 504622 | 3635776 | 9.64E-08 | 1.28YrCanc | 9.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2814 | ALL | 504672 | 3635776 | 9.30E-08 | 1.28YrCanc | 9.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2815 | ALL | 504722 | 3635776 | 8.95E-08 | 1.28YrCanc | 8.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2816 | ALL | 504772 | 3635776 | 8.72E-08 | 1.28YrCanc | 8.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2817 | ALL | 504822 | 3635776 | 8.48E-08 | 1.28YrCanc | 8.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2818 | ALL | 504872 | 3635776 | 8.25E-08 | 1.28YrCanc | 8.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2819 | ALL | 504922 | 3635776 | 8.01E-08 | 1.28YrCanc | 8.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2820 | ALL | 504972 | 3635776 | 7.94E-08 | 1.28YrCanc | 7.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2821 | ALL | 505022 | 3635776 | 7.70E-08 | 1.28YrCanc | 7.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2822 | ALL | 505072 | 3635776 | 7.37E-08 | 1.28YrCanc | 7.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2823 | ALL | 505122 | 3635776 | 7.16E-08 | 1.28YrCanc | 7.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2824 | ALL | 505172 | 3635776 | 6.91E-08 | 1.28YrCanc | 6.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2825 | ALL | 505222 | 3635776 | 6.66E-08 | 1.28YrCanc | 6.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2826 | ALL | 502222 | 3635826 | 5.01E-08 | 1.28YrCanc | 5.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2827 | ALL | 502272 | 3635826 | 5.30E-08 | 1.28YrCanc | 5.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2828 | ALL | 502322 | 3635826 | 5.50E-08 | 1.28YrCanc | 5.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2829 | ALL | 502372 | 3635826 | 5.72E-08 | 1.28YrCanc | 5.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2830 | ALL | 502422 | 3635826 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2831 | ALL | 502472 | 3635826 | 6.08E-08 | 1.28YrCanc | 6.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2832 | ALL | 502522 | 3635826 | 6.26E-08 | 1.28YrCanc | 6.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2833 | ALL | 502572 | 3635826 | 6.49E-08 | 1.28YrCanc | 6.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2834 | ALL | 502622 | 3635826 | 6.72E-08 | 1.28YrCanc | 6.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2835 | ALL | 502672 | 3635826 | 6.94E-08 | 1.28YrCanc | 6.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2836 | ALL | 502722 | 3635826 | 7.17E-08 | 1.28YrCanc | 7.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2837 | ALL | 502772 | 3635826 | 7.41E-08 | 1.28YrCanc | 7.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2838 | ALL | 502822 | 3635826 | 7.63E-08 | 1.28YrCanc | 7.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2839 | ALL | 502872 | 3635826 | 7.85E-08 | 1.28YrCanc | 7.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2840 | ALL | 502922 | 3635826 | 8.01E-08 | 1.28YrCanc | 8.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2841 | ALL | 502972 | 3635826 | 8.28E-08 | 1.28YrCanc | 8.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2842 | ALL | 503022 | 3635826 | 8.34E-08 | 1.28YrCanc | 8.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2843 | ALL | 503072 | 3635826 | 8.52E-08 | 1.28YrCanc | 8.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2844 | ALL | 503122 | 3635826 | 8.81E-08 | 1.28YrCanc | 8.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2845 | ALL | 503172 | 3635826 | 9.12E-08 | 1.28YrCanc | 9.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2846 | ALL | 503222 | 3635826 | 8.87E-08 | 1.28YrCanc | 8.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2847 | ALL | 503272 | 3635826 | 9.04E-08 | 1.28YrCanc | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2848 | ALL | 503322 | 3635826 | 9.45E-08 | 1.28YrCanc | 9.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2849 | ALL | 503372 | 3635826 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2850 | ALL | 503422 | 3635826 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2851 | ALL | 503472 | 3635826 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2852 | ALL | 503522 | 3635826 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2853 | ALL | 503572 | 3635826 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2854 | ALL | 503622 | 3635826 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2855 | ALL | 503672 | 3635826 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2856 | ALL | 503722 | 3635826 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2857 | ALL | 503772 | 3635826 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2858 | ALL | 503822 | 3635826 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2859 | ALL | 503872 | 3635826 | 1.18E-07 | 1.28YrCanc | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2860 | ALL | 503922 | 3635826 | 1.19E-07 | 1.28YrCanc | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2861 | ALL | 503972 | 3635826 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2862 | ALL | 504022 | 3635826 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2863 | ALL | 504072 | 3635826 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2864 | ALL | 504122 | 3635826 | 1.21E-07 | 1.28YrCanc | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2865 | ALL | 504172 | 3635826 | 1.17E-07 | 1.28YrCanc | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2866 | ALL | 504222 | 3635826 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2867 | ALL | 504272 | 3635826 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2868 | ALL | 504322 | 3635826 | 1.12E-07 | 1.28YrCanc | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2869 | ALL | 504372 | 3635826 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2870 | ALL | 504422 | 3635826 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2871 | ALL | 504472 | 3635826 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2872 | ALL | 504522 | 3635826 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2873 | ALL | 504572 | 3635826 | 9.61E-08 | 1.28YrCanc | 9.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2874 | ALL | 504622 | 3635826 | 9.36E-08 | 1.28YrCanc | 9.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2875 | ALL | 504672 | 3635826 | 8.95E-08 | 1.28YrCanc | 8.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2876 | ALL | 504722 | 3635826 | 8.55E-08 | 1.28YrCanc | 8.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2877 | ALL | 504772 | 3635826 | 8.33E-08 | 1.28YrCanc | 8.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2878 | ALL | 504822 | 3635826 | 8.20E-08 | 1.28YrCanc | 8.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2879 | ALL | 504872 | 3635826 | 8.03E-08 | 1.28YrCanc | 8.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2880 | ALL | 504922 | 3635826 | 7.77E-08 | 1.28YrCanc | 7.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2881 | ALL | 504972 | 3635826 | 7.64E-08 | 1.28YrCanc | 7.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2882 | ALL | 505022 | 3635826 | 7.42E-08 | 1.28YrCanc | 7.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2883 | ALL | 505072 | 3635826 | 7.21E-08 | 1.28YrCanc | 7.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2884 | ALL | 505122 | 3635826 | 6.96E-08 | 1.28YrCanc | 6.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2885 | ALL | 505172 | 3635826 | 6.75E-08 | 1.28YrCanc | 6.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2886 | ALL | 505222 | 3635826 | 6.52E-08 | 1.28YrCanc | 6.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2887 | ALL | 502222 | 3635876 | 4.87E-08 | 1.28YrCanc | 4.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2888 | ALL | 502272 | 3635876 | 5.15E-08 | 1.28YrCanc | 5.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2889 | ALL | 502322 | 3635876 | 5.36E-08 | 1.28YrCanc | 5.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2890 | ALL | 502372 | 3635876 | 5.55E-08 | 1.28YrCanc | 5.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2891 | ALL | 502422 | 3635876 | 5.70E-08 | 1.28YrCanc | 5.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2892 | ALL | 502472 | 3635876 | 5.89E-08 | 1.28YrCanc | 5.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2893 | ALL | 502522 | 3635876 | 6.06E-08 | 1.28YrCanc | 6.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2894 | ALL | 502572 | 3635876 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2895 | ALL | 502622 | 3635876 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2896 | ALL | 502672 | 3635876 | 6.68E-08 | 1.28YrCanc | 6.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2897 | ALL | 502722 | 3635876 | 6.91E-08 | 1.28YrCanc | 6.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2898 | ALL | 502772 | 3635876 | 7.14E-08 | 1.28YrCanc | 7.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2899 | ALL | 502822 | 3635876 | 7.34E-08 | 1.28YrCanc | 7.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2900 | ALL | 502872 | 3635876 | 7.56E-08 | 1.28YrCanc | 7.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2901 | ALL | 502922 | 3635876 | 7.65E-08 | 1.28YrCanc | 7.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2902 | ALL | 502972 | 3635876 | 7.90E-08 | 1.28YrCanc | 7.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2903 | ALL | 503022 | 3635876 | 7.93E-08 | 1.28YrCanc | 7.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2904 | ALL | 503072 | 3635876 | 8.10E-08 | 1.28YrCanc | 8.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2905 | ALL | 503122 | 3635876 | 8.34E-08 | 1.28YrCanc | 8.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2906 | ALL | 503172 | 3635876 | 8.63E-08 | 1.28YrCanc | 8.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2907 | ALL | 503222 | 3635876 | 8.72E-08 | 1.28YrCanc | 8.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2908 | ALL | 503272 | 3635876 | 8.78E-08 | 1.28YrCanc | 8.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2909 | ALL | 503322 | 3635876 | 9.29E-08 | 1.28YrCanc | 9.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2910 | ALL | 503372 | 3635876 | 9.60E-08 | 1.28YrCanc | 9.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2911 | ALL | 503422 | 3635876 | 9.99E-08 | 1.28YrCanc | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2912 | ALL | 503472 | 3635876 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2913 | ALL | 503522 | 3635876 | 9.51E-08 | 1.28YrCanc | 9.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2914 | ALL | 503572 | 3635876 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2915 | ALL | 503622 | 3635876 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2916 | ALL | 503672 | 3635876 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2917 | ALL | 503722 | 3635876 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2918 | ALL | 503772 | 3635876 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2919 | ALL | 503822 | 3635876 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2920 | ALL | 503872 | 3635876 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2921 | ALL | 503922 | 3635876 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2922 | ALL | 503972 | 3635876 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2923 | ALL | 504022 | 3635876 | 1.13E-07 | 1.28YrCanc | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2924 | ALL | 504072 | 3635876 | 1.16E-07 | 1.28YrCanc | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2925 | ALL | 504122 | 3635876 | 1.15E-07 | 1.28YrCanc | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2926 | ALL | 504172 | 3635876 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2927 | ALL | 504222 | 3635876 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2928 | ALL | 504272 | 3635876 | 1.14E-07 | 1.28YrCanc | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2929 | ALL | 504322 | 3635876 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2930 | ALL | 504372 | 3635876 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2931 | ALL | 504422 | 3635876 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2932 | ALL | 504472 | 3635876 | 9.95E-08 | 1.28YrCanc | 9.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2933 | ALL | 504522 | 3635876 | 9.66E-08 | 1.28YrCanc | 9.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2934 | ALL | 504572 | 3635876 | 9.37E-08 | 1.28YrCanc | 9.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2935 | ALL | 504622 | 3635876 | 9.08E-08 | 1.28YrCanc | 9.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2936 | ALL | 504672 | 3635876 | 8.76E-08 | 1.28YrCanc | 8.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2937 | ALL | 504722 | 3635876 | 8.22E-08 | 1.28YrCanc | 8.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2938 | ALL | 504772 | 3635876 | 8.02E-08 | 1.28YrCanc | 8.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2939 | ALL | 504822 | 3635876 | 7.91E-08 | 1.28YrCanc | 7.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2940 | ALL | 504872 | 3635876 | 7.70E-08 | 1.28YrCanc | 7.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2941 | ALL | 504922 | 3635876 | 7.52E-08 | 1.28YrCanc | 7.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2942 | ALL | 504972 | 3635876 | 7.42E-08 | 1.28YrCanc | 7.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2943 | ALL | 505022 | 3635876 | 7.18E-08 | 1.28YrCanc | 7.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2944 | ALL | 505072 | 3635876 | 6.95E-08 | 1.28YrCanc | 6.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2945 | ALL | 505122 | 3635876 | 6.77E-08 | 1.28YrCanc | 6.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2946 | ALL | 505172 | 3635876 | 6.57E-08 | 1.28YrCanc | 6.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2947 | ALL | 505222 | 3635876 | 6.37E-08 | 1.28YrCanc | 6.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2948 | ALL | 502222 | 3635926 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2949 | ALL | 502272 | 3635926 | 5.00E-08 | 1.28YrCanc | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2950 | ALL | 502322 | 3635926 | 5.19E-08 | 1.28YrCanc | 5.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2951 | ALL | 502372 | 3635926 | 5.39E-08 | 1.28YrCanc | 5.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2952 | ALL | 502422 | 3635926 | 5.54E-08 | 1.28YrCanc | 5.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2953 | ALL | 502472 | 3635926 | 5.71E-08 | 1.28YrCanc | 5.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2954 | ALL | 502522 | 3635926 | 5.85E-08 | 1.28YrCanc | 5.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2955 | ALL | 502572 | 3635926 | 6.05E-08 | 1.28YrCanc | 6.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2956 | ALL | 502622 | 3635926 | 6.24E-08 | 1.28YrCanc | 6.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2957 | ALL | 502672 | 3635926 | 6.44E-08 | 1.28YrCanc | 6.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2958 | ALL | 502722 | 3635926 | 6.66E-08 | 1.28YrCanc | 6.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2959 | ALL | 502772 | 3635926 | 6.88E-08 | 1.28YrCanc | 6.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2960 | ALL | 502822 | 3635926 | 7.07E-08 | 1.28YrCanc | 7.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2961 | ALL | 502872 | 3635926 | 7.27E-08 | 1.28YrCanc | 7.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2962 | ALL | 502922 | 3635926 | 7.35E-08 | 1.28YrCanc | 7.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2963 | ALL | 502972 | 3635926 | 7.55E-08 | 1.28YrCanc | 7.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2964 | ALL | 503022 | 3635926 | 7.58E-08 | 1.28YrCanc | 7.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2965 | ALL | 503072 | 3635926 | 7.70E-08 | 1.28YrCanc | 7.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2966 | ALL | 503122 | 3635926 | 7.92E-08 | 1.28YrCanc | 7.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2967 | ALL | 503172 | 3635926 | 8.13E-08 | 1.28YrCanc | 8.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2968 | ALL | 503222 | 3635926 | 8.26E-08 | 1.28YrCanc | 8.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2969 | ALL | 503272 | 3635926 | 8.49E-08 | 1.28YrCanc | 8.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2970 | ALL | 503322 | 3635926 | 8.83E-08 | 1.28YrCanc | 8.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2971 | ALL | 503372 | 3635926 | 9.16E-08 | 1.28YrCanc | 9.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2972 | ALL | 503422 | 3635926 | 9.45E-08 | 1.28YrCanc | 9.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2973 | ALL | 503472 | 3635926 | 9.34E-08 | 1.28YrCanc | 9.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2974 | ALL | 503522 | 3635926 | 9.05E-08 | 1.28YrCanc | 9.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2975 | ALL | 503572 | 3635926 | 9.78E-08 | 1.28YrCanc | 9.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2976 | ALL | 503622 | 3635926 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2977 | ALL | 503672 | 3635926 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2978 | ALL | 503722 | 3635926 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2979 | ALL | 503772 | 3635926 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2980 | ALL | 503822 | 3635926 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2981 | ALL | 503872 | 3635926 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2982 | ALL | 503922 | 3635926 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2983 | ALL | 503972 | 3635926 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2984 | ALL | 504022 | 3635926 | 1.08E-07 | 1.28YrCanc | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2985 | ALL | 504072 | 3635926 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2986 | ALL | 504122 | 3635926 | 1.10E-07 | 1.28YrCanc | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2987 | ALL | 504172 | 3635926 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2988 | ALL | 504222 | 3635926 | 1.11E-07 | 1.28YrCanc | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2989 | ALL | 504272 | 3635926 | 1.09E-07 | 1.28YrCanc | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2990 | ALL | 504322 | 3635926 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2991 | ALL | 504372 | 3635926 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2992 | ALL | 504422 | 3635926 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2993 | ALL | 504472 | 3635926 | 9.98E-08 | 1.28YrCanc | 9.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2994 | ALL | 504522 | 3635926 | 9.57E-08 | 1.28YrCanc | 9.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2995 | ALL | 504572 | 3635926 | 9.14E-08 | 1.28YrCanc | 9.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2996 | ALL | 504622 | 3635926 | 8.70E-08 | 1.28YrCanc | 8.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2997 | ALL | 504672 | 3635926 | 8.50E-08 | 1.28YrCanc | 8.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2998 | ALL | 504722 | 3635926 | 8.20E-08 | 1.28YrCanc | 8.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2999 ALL | 504772 | 3635926 | 7.87E-08 | 1.28YrCanc | 7.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3000 ALL | 504822 | 3635926 | 7.54E-08 | 1.28YrCanc | 7.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3001 ALL | 504872 | 3635926 | 7.39E-08 | 1.28YrCanc | 7.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3002 ALL | 504922 | 3635926 | 7.22E-08 | 1.28YrCanc | 7.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3003 ALL | 504972 | 3635926 | 7.20E-08 | 1.28YrCanc | 7.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3004 ALL | 505022 | 3635926 | 7.03E-08 | 1.28YrCanc | 7.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3005 ALL | 505072 | 3635926 | 6.84E-08 | 1.28YrCanc | 6.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3006 ALL | 505122 | 3635926 | 6.60E-08 | 1.28YrCanc | 6.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3007 ALL | 505172 | 3635926 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3008 ALL | 505222 | 3635926 | 6.28E-08 | 1.28YrCanc | 6.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3009 ALL | 502222 | 3635976 | 4.55E-08 | 1.28YrCanc | 4.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3010 ALL | 502272 | 3635976 | 4.81E-08 | 1.28YrCanc | 4.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3011 ALL | 502322 | 3635976 | 5.00E-08 | 1.28YrCanc | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3012 ALL | 502372 | 3635976 | 5.22E-08 | 1.28YrCanc | 5.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3013 ALL | 502422 | 3635976 | 5.36E-08 | 1.28YrCanc | 5.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3014 ALL | 502472 | 3635976 | 5.53E-08 | 1.28YrCanc | 5.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3015 ALL | 502522 | 3635976 | 5.67E-08 | 1.28YrCanc | 5.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3016 ALL | 502572 | 3635976 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3017 ALL | 502622 | 3635976 | 6.06E-08 | 1.28YrCanc | 6.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3018 ALL | 502672 | 3635976 | 6.23E-08 | 1.28YrCanc | 6.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3019 ALL | 502722 | 3635976 | 6.43E-08 | 1.28YrCanc | 6.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3020 ALL | 502772 | 3635976 | 6.63E-08 | 1.28YrCanc | 6.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3021 ALL | 502822 | 3635976 | 6.80E-08 | 1.28YrCanc | 6.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3022 ALL | 502872 | 3635976 | 7.00E-08 | 1.28YrCanc | 7.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3023 ALL | 502922 | 3635976 | 7.08E-08 | 1.28YrCanc | 7.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3024 ALL | 502972 | 3635976 | 7.26E-08 | 1.28YrCanc | 7.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3025 ALL | 503022 | 3635976 | 7.27E-08 | 1.28YrCanc | 7.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3026 ALL | 503072 | 3635976 | 7.42E-08 | 1.28YrCanc | 7.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3027 ALL | 503122 | 3635976 | 7.56E-08 | 1.28YrCanc | 7.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3028 ALL | 503172 | 3635976 | 7.74E-08 | 1.28YrCanc | 7.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3029 ALL | 503222 | 3635976 | 7.91E-08 | 1.28YrCanc | 7.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3030 ALL | 503272 | 3635976 | 8.18E-08 | 1.28YrCanc | 8.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3031 ALL | 503322 | 3635976 | 8.45E-08 | 1.28YrCanc | 8.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3032 ALL | 503372 | 3635976 | 8.82E-08 | 1.28YrCanc | 8.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3033 ALL | 503422 | 3635976 | 8.73E-08 | 1.28YrCanc | 8.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3034 ALL | 503472 | 3635976 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3035 ALL | 503522 | 3635976 | 9.01E-08 | 1.28YrCanc | 9.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3036 ALL | 503572 | 3635976 | 9.67E-08 | 1.28YrCanc | 9.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3037 ALL | 503622 | 3635976 | 9.89E-08 | 1.28YrCanc | 9.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3038 ALL | 503672 | 3635976 | 9.99E-08 | 1.28YrCanc | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3039 ALL | 503722 | 3635976 | 1.00E-07 | 1.28YrCanc | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3040 ALL | 503772 | 3635976 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3041 ALL | 503822 | 3635976 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3042 ALL | 503872 | 3635976 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3043 ALL | 503922 | 3635976 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3044 ALL | 503972 | 3635976 | 1.02E-07 | 1.28YrCanc | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3045 ALL | 504022 | 3635976 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3046 ALL | 504072 | 3635976 | 1.05E-07 | 1.28YrCanc | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3047 ALL | 504122 | 3635976 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3048 ALL | 504172 | 3635976 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3049 | ALL | 504222 | 3635976 | 1.07E-07 | 1.28YrCanc | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3050 | ALL | 504272 | 3635976 | 1.06E-07 | 1.28YrCanc | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3051 | ALL | 504322 | 3635976 | 1.04E-07 | 1.28YrCanc | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3052 | ALL | 504372 | 3635976 | 1.03E-07 | 1.28YrCanc | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3053 | ALL | 504422 | 3635976 | 1.01E-07 | 1.28YrCanc | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3054 | ALL | 504472 | 3635976 | 9.82E-08 | 1.28YrCanc | 9.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3055 | ALL | 504522 | 3635976 | 9.56E-08 | 1.28YrCanc | 9.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3056 | ALL | 504572 | 3635976 | 9.24E-08 | 1.28YrCanc | 9.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3057 | ALL | 504622 | 3635976 | 8.98E-08 | 1.28YrCanc | 8.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3058 | ALL | 504672 | 3635976 | 8.56E-08 | 1.28YrCanc | 8.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3059 | ALL | 504722 | 3635976 | 8.24E-08 | 1.28YrCanc | 8.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3060 | ALL | 504772 | 3635976 | 7.87E-08 | 1.28YrCanc | 7.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3061 | ALL | 504822 | 3635976 | 7.51E-08 | 1.28YrCanc | 7.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3062 | ALL | 504872 | 3635976 | 7.24E-08 | 1.28YrCanc | 7.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3063 | ALL | 504922 | 3635976 | 7.00E-08 | 1.28YrCanc | 7.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3064 | ALL | 504972 | 3635976 | 6.96E-08 | 1.28YrCanc | 6.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3065 | ALL | 505022 | 3635976 | 6.82E-08 | 1.28YrCanc | 6.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3066 | ALL | 505072 | 3635976 | 6.65E-08 | 1.28YrCanc | 6.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3067 | ALL | 505122 | 3635976 | 6.45E-08 | 1.28YrCanc | 6.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3068 | ALL | 505172 | 3635976 | 6.26E-08 | 1.28YrCanc | 6.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3069 | ALL | 505222 | 3635976 | 6.05E-08 | 1.28YrCanc | 6.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3070 | ALL | 501722 | 3632476 | 3.13E-08 | 1.28YrCanc | 3.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3071 | ALL | 501822 | 3632476 | 3.26E-08 | 1.28YrCanc | 3.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3072 | ALL | 501922 | 3632476 | 3.40E-08 | 1.28YrCanc | 3.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3073 | ALL | 502022 | 3632476 | 3.55E-08 | 1.28YrCanc | 3.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3074 | ALL | 502122 | 3632476 | 3.70E-08 | 1.28YrCanc | 3.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3075 | ALL | 502222 | 3632476 | 3.85E-08 | 1.28YrCanc | 3.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3076 | ALL | 502322 | 3632476 | 4.01E-08 | 1.28YrCanc | 4.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3077 | ALL | 502422 | 3632476 | 4.17E-08 | 1.28YrCanc | 4.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3078 | ALL | 502522 | 3632476 | 4.34E-08 | 1.28YrCanc | 4.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3079 | ALL | 502622 | 3632476 | 4.50E-08 | 1.28YrCanc | 4.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3080 | ALL | 502722 | 3632476 | 4.59E-08 | 1.28YrCanc | 4.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3081 | ALL | 502822 | 3632476 | 4.59E-08 | 1.28YrCanc | 4.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3082 | ALL | 502922 | 3632476 | 4.44E-08 | 1.28YrCanc | 4.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3083 | ALL | 503022 | 3632476 | 4.34E-08 | 1.28YrCanc | 4.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3084 | ALL | 503122 | 3632476 | 4.18E-08 | 1.28YrCanc | 4.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3085 | ALL | 503222 | 3632476 | 4.36E-08 | 1.28YrCanc | 4.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3086 | ALL | 503322 | 3632476 | 4.10E-08 | 1.28YrCanc | 4.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3087 | ALL | 503422 | 3632476 | 3.98E-08 | 1.28YrCanc | 3.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3088 | ALL | 503722 | 3632476 | 3.77E-08 | 1.28YrCanc | 3.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3089 | ALL | 503822 | 3632476 | 3.48E-08 | 1.28YrCanc | 3.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3090 | ALL | 503922 | 3632476 | 3.20E-08 | 1.28YrCanc | 3.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3091 | ALL | 504022 | 3632476 | 2.97E-08 | 1.28YrCanc | 2.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3092 | ALL | 504122 | 3632476 | 2.92E-08 | 1.28YrCanc | 2.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3093 | ALL | 504222 | 3632476 | 2.74E-08 | 1.28YrCanc | 2.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3094 | ALL | 504322 | 3632476 | 2.67E-08 | 1.28YrCanc | 2.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3095 | ALL | 504422 | 3632476 | 2.86E-08 | 1.28YrCanc | 2.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3096 | ALL | 504522 | 3632476 | 3.05E-08 | 1.28YrCanc | 3.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3097 | ALL | 504622 | 3632476 | 2.66E-08 | 1.28YrCanc | 2.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3098 | ALL | 504722 | 3632476 | 2.53E-08 | 1.28YrCanc | 2.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3099 | ALL | 504822 | 3632476 | 2.54E-08 | 1.28YrCanc | 2.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3100 | ALL | 504922 | 3632476 | 2.49E-08 | 1.28YrCanc | 2.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3101 | ALL | 505022 | 3632476 | 2.42E-08 | 1.28YrCanc | 2.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3102 | ALL | 505122 | 3632476 | 2.45E-08 | 1.28YrCanc | 2.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3103 | ALL | 505222 | 3632476 | 2.38E-08 | 1.28YrCanc | 2.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3104 | ALL | 505322 | 3632476 | 2.37E-08 | 1.28YrCanc | 2.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3105 | ALL | 505422 | 3632476 | 2.38E-08 | 1.28YrCanc | 2.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3106 | ALL | 505522 | 3632476 | 2.40E-08 | 1.28YrCanc | 2.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3107 | ALL | 505622 | 3632476 | 2.47E-08 | 1.28YrCanc | 2.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3108 | ALL | 505722 | 3632476 | 2.57E-08 | 1.28YrCanc | 2.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3109 | ALL | 501722 | 3632576 | 3.26E-08 | 1.28YrCanc | 3.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3110 | ALL | 501822 | 3632576 | 3.40E-08 | 1.28YrCanc | 3.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3111 | ALL | 501922 | 3632576 | 3.55E-08 | 1.28YrCanc | 3.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3112 | ALL | 502022 | 3632576 | 3.71E-08 | 1.28YrCanc | 3.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3113 | ALL | 502122 | 3632576 | 3.88E-08 | 1.28YrCanc | 3.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3114 | ALL | 502222 | 3632576 | 4.05E-08 | 1.28YrCanc | 4.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3115 | ALL | 502322 | 3632576 | 4.23E-08 | 1.28YrCanc | 4.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3116 | ALL | 502422 | 3632576 | 4.41E-08 | 1.28YrCanc | 4.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3117 | ALL | 502522 | 3632576 | 4.60E-08 | 1.28YrCanc | 4.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3118 | ALL | 502622 | 3632576 | 4.79E-08 | 1.28YrCanc | 4.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3119 | ALL | 502722 | 3632576 | 4.97E-08 | 1.28YrCanc | 4.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3120 | ALL | 502822 | 3632576 | 5.10E-08 | 1.28YrCanc | 5.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3121 | ALL | 502922 | 3632576 | 4.95E-08 | 1.28YrCanc | 4.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3122 | ALL | 503022 | 3632576 | 4.75E-08 | 1.28YrCanc | 4.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3123 | ALL | 503122 | 3632576 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3124 | ALL | 503222 | 3632576 | 4.65E-08 | 1.28YrCanc | 4.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3125 | ALL | 503322 | 3632576 | 4.46E-08 | 1.28YrCanc | 4.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3126 | ALL | 503422 | 3632576 | 4.24E-08 | 1.28YrCanc | 4.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3127 | ALL | 503722 | 3632576 | 3.87E-08 | 1.28YrCanc | 3.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3128 | ALL | 503822 | 3632576 | 3.55E-08 | 1.28YrCanc | 3.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3129 | ALL | 503922 | 3632576 | 2.83E-08 | 1.28YrCanc | 2.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3130 | ALL | 504022 | 3632576 | 2.67E-08 | 1.28YrCanc | 2.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3131 | ALL | 504122 | 3632576 | 2.66E-08 | 1.28YrCanc | 2.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3132 | ALL | 504222 | 3632576 | 2.64E-08 | 1.28YrCanc | 2.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3133 | ALL | 504322 | 3632576 | 2.59E-08 | 1.28YrCanc | 2.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3134 | ALL | 504422 | 3632576 | 2.68E-08 | 1.28YrCanc | 2.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3135 | ALL | 504522 | 3632576 | 2.97E-08 | 1.28YrCanc | 2.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3136 | ALL | 504622 | 3632576 | 2.86E-08 | 1.28YrCanc | 2.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3137 | ALL | 504722 | 3632576 | 2.62E-08 | 1.28YrCanc | 2.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3138 | ALL | 504822 | 3632576 | 2.66E-08 | 1.28YrCanc | 2.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3139 | ALL | 504922 | 3632576 | 2.61E-08 | 1.28YrCanc | 2.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3140 | ALL | 505022 | 3632576 | 2.54E-08 | 1.28YrCanc | 2.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3141 | ALL | 505122 | 3632576 | 2.59E-08 | 1.28YrCanc | 2.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3142 | ALL | 505222 | 3632576 | 2.59E-08 | 1.28YrCanc | 2.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3143 | ALL | 505322 | 3632576 | 2.59E-08 | 1.28YrCanc | 2.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3144 | ALL | 505422 | 3632576 | 2.62E-08 | 1.28YrCanc | 2.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3145 | ALL | 505522 | 3632576 | 2.65E-08 | 1.28YrCanc | 2.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3146 | ALL | 505622 | 3632576 | 2.73E-08 | 1.28YrCanc | 2.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3147 | ALL | 505722 | 3632576 | 2.78E-08 | 1.28YrCanc | 2.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3148 | ALL | 501722 | 3632676 | 3.39E-08 | 1.28YrCanc | 3.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3149 | ALL | 501822 | 3632676 | 3.55E-08 | 1.28YrCanc | 3.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3150 | ALL | 501922 | 3632676 | 3.71E-08 | 1.28YrCanc | 3.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3151 | ALL | 502022 | 3632676 | 3.89E-08 | 1.28YrCanc | 3.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3152 | ALL | 502122 | 3632676 | 4.07E-08 | 1.28YrCanc | 4.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3153 | ALL | 502222 | 3632676 | 4.26E-08 | 1.28YrCanc | 4.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3154 | ALL | 502322 | 3632676 | 4.46E-08 | 1.28YrCanc | 4.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3155 | ALL | 502422 | 3632676 | 4.67E-08 | 1.28YrCanc | 4.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3156 | ALL | 502522 | 3632676 | 4.88E-08 | 1.28YrCanc | 4.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3157 | ALL | 502622 | 3632676 | 5.10E-08 | 1.28YrCanc | 5.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3158 | ALL | 502722 | 3632676 | 5.32E-08 | 1.28YrCanc | 5.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3159 | ALL | 502822 | 3632676 | 4.98E-08 | 1.28YrCanc | 4.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3160 | ALL | 502922 | 3632676 | 4.75E-08 | 1.28YrCanc | 4.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3161 | ALL | 503022 | 3632676 | 4.68E-08 | 1.28YrCanc | 4.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3162 | ALL | 503722 | 3632676 | 4.14E-08 | 1.28YrCanc | 4.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3163 | ALL | 503822 | 3632676 | 3.89E-08 | 1.28YrCanc | 3.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3164 | ALL | 503922 | 3632676 | 3.51E-08 | 1.28YrCanc | 3.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3165 | ALL | 504022 | 3632676 | 3.06E-08 | 1.28YrCanc | 3.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3166 | ALL | 504122 | 3632676 | 2.87E-08 | 1.28YrCanc | 2.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3167 | ALL | 504222 | 3632676 | 2.79E-08 | 1.28YrCanc | 2.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3168 | ALL | 504322 | 3632676 | 2.78E-08 | 1.28YrCanc | 2.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3169 | ALL | 504422 | 3632676 | 2.83E-08 | 1.28YrCanc | 2.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3170 | ALL | 504522 | 3632676 | 2.90E-08 | 1.28YrCanc | 2.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3171 | ALL | 504622 | 3632676 | 2.87E-08 | 1.28YrCanc | 2.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3172 | ALL | 504722 | 3632676 | 2.83E-08 | 1.28YrCanc | 2.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3173 | ALL | 504822 | 3632676 | 2.84E-08 | 1.28YrCanc | 2.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3174 | ALL | 504922 | 3632676 | 2.80E-08 | 1.28YrCanc | 2.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3175 | ALL | 505022 | 3632676 | 2.78E-08 | 1.28YrCanc | 2.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3176 | ALL | 505122 | 3632676 | 2.80E-08 | 1.28YrCanc | 2.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3177 | ALL | 505222 | 3632676 | 2.81E-08 | 1.28YrCanc | 2.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3178 | ALL | 505322 | 3632676 | 2.81E-08 | 1.28YrCanc | 2.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3179 | ALL | 505422 | 3632676 | 2.87E-08 | 1.28YrCanc | 2.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3180 | ALL | 505522 | 3632676 | 2.96E-08 | 1.28YrCanc | 2.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3181 | ALL | 505622 | 3632676 | 3.00E-08 | 1.28YrCanc | 3.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3182 | ALL | 505722 | 3632676 | 2.94E-08 | 1.28YrCanc | 2.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3183 | ALL | 502422 | 3632776 | 4.84E-08 | 1.28YrCanc | 4.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3184 | ALL | 502522 | 3632776 | 4.54E-08 | 1.28YrCanc | 4.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3185 | ALL | 502622 | 3632776 | 4.91E-08 | 1.28YrCanc | 4.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3186 | ALL | 502722 | 3632776 | 5.69E-08 | 1.28YrCanc | 5.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3187 | ALL | 502822 | 3632776 | 5.08E-08 | 1.28YrCanc | 5.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3188 | ALL | 502922 | 3632776 | 4.22E-08 | 1.28YrCanc | 4.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3189 | ALL | 503022 | 3632776 | 3.88E-08 | 1.28YrCanc | 3.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3190 | ALL | 503122 | 3632776 | 4.33E-08 | 1.28YrCanc | 4.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3191 | ALL | 503222 | 3632776 | 4.76E-08 | 1.28YrCanc | 4.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3192 | ALL | 503622 | 3632776 | 4.75E-08 | 1.28YrCanc | 4.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3193 | ALL | 503722 | 3632776 | 4.55E-08 | 1.28YrCanc | 4.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3194 | ALL | 503822 | 3632776 | 4.01E-08 | 1.28YrCanc | 4.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3195 | ALL | 503922 | 3632776 | 3.92E-08 | 1.28YrCanc | 3.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3196 | ALL | 504022 | 3632776 | 3.78E-08 | 1.28YrCanc | 3.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3197 | ALL | 504122 | 3632776 | 3.41E-08 | 1.28YrCanc | 3.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3198 | ALL | 504222 | 3632776 | 3.15E-08 | 1.28YrCanc | 3.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3199 | ALL | 504322 | 3632776 | 3.05E-08 | 1.28YrCanc | 3.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3200 | ALL | 504422 | 3632776 | 3.06E-08 | 1.28YrCanc | 3.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3201 | ALL | 504522 | 3632776 | 3.07E-08 | 1.28YrCanc | 3.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3202 | ALL | 504622 | 3632776 | 3.06E-08 | 1.28YrCanc | 3.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3203 | ALL | 504722 | 3632776 | 3.06E-08 | 1.28YrCanc | 3.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3204 | ALL | 504822 | 3632776 | 3.05E-08 | 1.28YrCanc | 3.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3205 | ALL | 504922 | 3632776 | 3.05E-08 | 1.28YrCanc | 3.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3206 | ALL | 505022 | 3632776 | 3.05E-08 | 1.28YrCanc | 3.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3207 | ALL | 505122 | 3632776 | 3.07E-08 | 1.28YrCanc | 3.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3208 | ALL | 505222 | 3632776 | 3.06E-08 | 1.28YrCanc | 3.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3209 | ALL | 505322 | 3632776 | 3.10E-08 | 1.28YrCanc | 3.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3210 | ALL | 505422 | 3632776 | 3.18E-08 | 1.28YrCanc | 3.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3211 | ALL | 505522 | 3632776 | 3.26E-08 | 1.28YrCanc | 3.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3212 | ALL | 505622 | 3632776 | 3.29E-08 | 1.28YrCanc | 3.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3213 | ALL | 505722 | 3632776 | 3.22E-08 | 1.28YrCanc | 3.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3214 | ALL | 501722 | 3632876 | 3.67E-08 | 1.28YrCanc | 3.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3215 | ALL | 501822 | 3632876 | 3.85E-08 | 1.28YrCanc | 3.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3216 | ALL | 501922 | 3632876 | 4.05E-08 | 1.28YrCanc | 4.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3217 | ALL | 502022 | 3632876 | 4.26E-08 | 1.28YrCanc | 4.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3218 | ALL | 502122 | 3632876 | 4.49E-08 | 1.28YrCanc | 4.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3219 | ALL | 502222 | 3632876 | 4.73E-08 | 1.28YrCanc | 4.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3220 | ALL | 502322 | 3632876 | 4.98E-08 | 1.28YrCanc | 4.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3221 | ALL | 502422 | 3632876 | 5.25E-08 | 1.28YrCanc | 5.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3222 | ALL | 502522 | 3632876 | 5.52E-08 | 1.28YrCanc | 5.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3223 | ALL | 502622 | 3632876 | 5.81E-08 | 1.28YrCanc | 5.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3224 | ALL | 502722 | 3632876 | 6.11E-08 | 1.28YrCanc | 6.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3225 | ALL | 502822 | 3632876 | 5.48E-08 | 1.28YrCanc | 5.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3226 | ALL | 502922 | 3632876 | 4.22E-08 | 1.28YrCanc | 4.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3227 | ALL | 503022 | 3632876 | 3.12E-08 | 1.28YrCanc | 3.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3228 | ALL | 503122 | 3632876 | 3.91E-08 | 1.28YrCanc | 3.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3229 | ALL | 503222 | 3632876 | 5.48E-08 | 1.28YrCanc | 5.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3230 | ALL | 503322 | 3632876 | 5.70E-08 | 1.28YrCanc | 5.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3231 | ALL | 503422 | 3632876 | 5.64E-08 | 1.28YrCanc | 5.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3232 | ALL | 503622 | 3632876 | 5.18E-08 | 1.28YrCanc | 5.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3233 | ALL | 503722 | 3632876 | 4.91E-08 | 1.28YrCanc | 4.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3234 | ALL | 503822 | 3632876 | 4.25E-08 | 1.28YrCanc | 4.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3235 | ALL | 503922 | 3632876 | 3.68E-08 | 1.28YrCanc | 3.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3236 | ALL | 504022 | 3632876 | 3.63E-08 | 1.28YrCanc | 3.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3237 | ALL | 504122 | 3632876 | 3.56E-08 | 1.28YrCanc | 3.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3238 | ALL | 504222 | 3632876 | 3.39E-08 | 1.28YrCanc | 3.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3239 | ALL | 504322 | 3632876 | 3.35E-08 | 1.28YrCanc | 3.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3240 | ALL | 504422 | 3632876 | 3.32E-08 | 1.28YrCanc | 3.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3241 | ALL | 504522 | 3632876 | 3.32E-08 | 1.28YrCanc | 3.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3242 | ALL | 504622 | 3632876 | 3.32E-08 | 1.28YrCanc | 3.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3243 | ALL | 504722 | 3632876 | 3.34E-08 | 1.28YrCanc | 3.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3244 | ALL | 504822 | 3632876 | 3.33E-08 | 1.28YrCanc | 3.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3245 | ALL | 504922 | 3632876 | 3.35E-08 | 1.28YrCanc | 3.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3246 | ALL | 505022 | 3632876 | 3.38E-08 | 1.28YrCanc | 3.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3247 | ALL | 505122 | 3632876 | 3.38E-08 | 1.28YrCanc | 3.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3248 | ALL | 505222 | 3632876 | 3.41E-08 | 1.28YrCanc | 3.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3249 | ALL | 505322 | 3632876 | 3.47E-08 | 1.28YrCanc | 3.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3250 | ALL | 505422 | 3632876 | 3.57E-08 | 1.28YrCanc | 3.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3251 | ALL | 505522 | 3632876 | 3.57E-08 | 1.28YrCanc | 3.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3252 | ALL | 505622 | 3632876 | 3.58E-08 | 1.28YrCanc | 3.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3253 | ALL | 505722 | 3632876 | 3.48E-08 | 1.28YrCanc | 3.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3254 | ALL | 501722 | 3632976 | 3.81E-08 | 1.28YrCanc | 3.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3255 | ALL | 501822 | 3632976 | 4.01E-08 | 1.28YrCanc | 4.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3256 | ALL | 501922 | 3632976 | 4.23E-08 | 1.28YrCanc | 4.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3257 | ALL | 502022 | 3632976 | 4.47E-08 | 1.28YrCanc | 4.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3258 | ALL | 502122 | 3632976 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3259 | ALL | 505322 | 3632976 | 3.93E-08 | 1.28YrCanc | 3.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3260 | ALL | 505422 | 3632976 | 3.95E-08 | 1.28YrCanc | 3.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3261 | ALL | 505522 | 3632976 | 3.97E-08 | 1.28YrCanc | 3.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3262 | ALL | 505622 | 3632976 | 3.91E-08 | 1.28YrCanc | 3.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3263 | ALL | 505722 | 3632976 | 3.77E-08 | 1.28YrCanc | 3.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3264 | ALL | 501722 | 3633076 | 3.95E-08 | 1.28YrCanc | 3.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3265 | ALL | 501822 | 3633076 | 4.18E-08 | 1.28YrCanc | 4.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3266 | ALL | 501922 | 3633076 | 4.42E-08 | 1.28YrCanc | 4.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3267 | ALL | 502022 | 3633076 | 4.68E-08 | 1.28YrCanc | 4.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3268 | ALL | 502122 | 3633076 | 4.95E-08 | 1.28YrCanc | 4.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3269 | ALL | 505322 | 3633076 | 4.36E-08 | 1.28YrCanc | 4.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3270 | ALL | 505422 | 3633076 | 4.40E-08 | 1.28YrCanc | 4.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3271 | ALL | 505522 | 3633076 | 4.38E-08 | 1.28YrCanc | 4.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3272 | ALL | 505622 | 3633076 | 4.26E-08 | 1.28YrCanc | 4.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3273 | ALL | 505722 | 3633076 | 4.04E-08 | 1.28YrCanc | 4.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3274 | ALL | 501722 | 3633176 | 4.10E-08 | 1.28YrCanc | 4.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3275 | ALL | 501822 | 3633176 | 4.34E-08 | 1.28YrCanc | 4.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3276 | ALL | 501922 | 3633176 | 4.60E-08 | 1.28YrCanc | 4.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3277 | ALL | 502022 | 3633176 | 4.89E-08 | 1.28YrCanc | 4.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3278 | ALL | 502122 | 3633176 | 5.19E-08 | 1.28YrCanc | 5.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3279 | ALL | 505322 | 3633176 | 4.84E-08 | 1.28YrCanc | 4.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3280 | ALL | 505422 | 3633176 | 4.79E-08 | 1.28YrCanc | 4.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3281 | ALL | 505522 | 3633176 | 4.75E-08 | 1.28YrCanc | 4.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3282 | ALL | 505622 | 3633176 | 4.65E-08 | 1.28YrCanc | 4.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3283 | ALL | 505722 | 3633176 | 4.36E-08 | 1.28YrCanc | 4.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3284 | ALL | 501722 | 3633276 | 4.25E-08 | 1.28YrCanc | 4.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3285 | ALL | 501822 | 3633276 | 4.51E-08 | 1.28YrCanc | 4.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3286 | ALL | 501922 | 3633276 | 4.80E-08 | 1.28YrCanc | 4.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3287 | ALL | 502022 | 3633276 | 5.11E-08 | 1.28YrCanc | 5.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3288 | ALL | 502122 | 3633276 | 5.45E-08 | 1.28YrCanc | 5.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3289 | ALL | 505322 | 3633276 | 5.38E-08 | 1.28YrCanc | 5.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3290 | ALL | 505422 | 3633276 | 5.17E-08 | 1.28YrCanc | 5.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3291 | ALL | 505522 | 3633276 | 5.11E-08 | 1.28YrCanc | 5.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3292 | ALL | 505622 | 3633276 | 5.02E-08 | 1.28YrCanc | 5.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3293 | ALL | 505722 | 3633276 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3294 | ALL | 501722 | 3633376 | 4.39E-08 | 1.28YrCanc | 4.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3295 | ALL | 501822 | 3633376 | 4.67E-08 | 1.28YrCanc | 4.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3296 | ALL | 501922 | 3633376 | 4.99E-08 | 1.28YrCanc | 4.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3297 | ALL | 502022 | 3633376 | 5.33E-08 | 1.28YrCanc | 5.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3298 | ALL | 502122 | 3633376 | 5.70E-08 | 1.28YrCanc | 5.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3299 | ALL | 505322 | 3633376 | 5.99E-08 | 1.28YrCanc | 5.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3300 | ALL | 505422 | 3633376 | 5.59E-08 | 1.28YrCanc | 5.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3301 | ALL | 505522 | 3633376 | 5.40E-08 | 1.28YrCanc | 5.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3302 | ALL | 505622 | 3633376 | 5.34E-08 | 1.28YrCanc | 5.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3303 | ALL | 505722 | 3633376 | 5.08E-08 | 1.28YrCanc | 5.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3304 | ALL | 501722 | 3633476 | 4.53E-08 | 1.28YrCanc | 4.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3305 | ALL | 501822 | 3633476 | 4.84E-08 | 1.28YrCanc | 4.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3306 | ALL | 501922 | 3633476 | 5.18E-08 | 1.28YrCanc | 5.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3307 | ALL | 502022 | 3633476 | 5.55E-08 | 1.28YrCanc | 5.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3308 | ALL | 502122 | 3633476 | 5.96E-08 | 1.28YrCanc | 5.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3309 | ALL | 505322 | 3633476 | 6.53E-08 | 1.28YrCanc | 6.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3310 | ALL | 505422 | 3633476 | 6.02E-08 | 1.28YrCanc | 6.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3311 | ALL | 505522 | 3633476 | 5.77E-08 | 1.28YrCanc | 5.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3312 | ALL | 505622 | 3633476 | 5.52E-08 | 1.28YrCanc | 5.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3313 | ALL | 505722 | 3633476 | 5.25E-08 | 1.28YrCanc | 5.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3314 | ALL | 501722 | 3633576 | 4.67E-08 | 1.28YrCanc | 4.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3315 | ALL | 501822 | 3633576 | 5.00E-08 | 1.28YrCanc | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3316 | ALL | 501922 | 3633576 | 5.37E-08 | 1.28YrCanc | 5.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3317 | ALL | 502022 | 3633576 | 5.77E-08 | 1.28YrCanc | 5.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3318 | ALL | 502122 | 3633576 | 6.23E-08 | 1.28YrCanc | 6.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3319 | ALL | 505322 | 3633576 | 6.97E-08 | 1.28YrCanc | 6.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3320 | ALL | 505422 | 3633576 | 6.30E-08 | 1.28YrCanc | 6.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3321 | ALL | 505522 | 3633576 | 5.93E-08 | 1.28YrCanc | 5.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3322 | ALL | 505622 | 3633576 | 5.64E-08 | 1.28YrCanc | 5.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3323 | ALL | 505722 | 3633576 | 5.32E-08 | 1.28YrCanc | 5.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3324 | ALL | 501722 | 3633676 | 4.81E-08 | 1.28YrCanc | 4.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3325 | ALL | 501822 | 3633676 | 5.16E-08 | 1.28YrCanc | 5.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3326 | ALL | 501922 | 3633676 | 5.55E-08 | 1.28YrCanc | 5.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3327 | ALL | 502022 | 3633676 | 5.99E-08 | 1.28YrCanc | 5.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3328 | ALL | 502122 | 3633676 | 6.48E-08 | 1.28YrCanc | 6.48E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3329 | ALL | 505322 | 3633676 | 7.14E-08 | 1.28YrCanc | 7.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3330 | ALL | 505422 | 3633676 | 6.31E-08 | 1.28YrCanc | 6.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3331 | ALL | 505522 | 3633676 | 5.90E-08 | 1.28YrCanc | 5.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3332 | ALL | 505622 | 3633676 | 5.63E-08 | 1.28YrCanc | 5.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3333 | ALL | 505722 | 3633676 | 5.46E-08 | 1.28YrCanc | 5.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3334 | ALL | 501722 | 3633776 | 4.94E-08 | 1.28YrCanc | 4.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3335 | ALL | 501822 | 3633776 | 5.31E-08 | 1.28YrCanc | 5.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3336 | ALL | 501922 | 3633776 | 5.72E-08 | 1.28YrCanc | 5.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3337 | ALL | 502022 | 3633776 | 6.19E-08 | 1.28YrCanc | 6.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3338 | ALL | 502122 | 3633776 | 6.72E-08 | 1.28YrCanc | 6.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3339 | ALL | 505322 | 3633776 | 7.25E-08 | 1.28YrCanc | 7.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3340 | ALL | 505422 | 3633776 | 6.54E-08 | 1.28YrCanc | 6.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3341 | ALL | 505522 | 3633776 | 6.03E-08 | 1.28YrCanc | 6.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3342 | ALL | 505622 | 3633776 | 5.78E-08 | 1.28YrCanc | 5.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3343 | ALL | 505722 | 3633776 | 5.64E-08 | 1.28YrCanc | 5.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3344 | ALL | 501722 | 3633876 | 5.05E-08 | 1.28YrCanc | 5.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3345 | ALL | 501822 | 3633876 | 5.45E-08 | 1.28YrCanc | 5.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3346 | ALL | 501922 | 3633876 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3347 | ALL | 502022 | 3633876 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3348 | ALL | 502122 | 3633876 | 6.95E-08 | 1.28YrCanc | 6.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3349 ALL | 505322 | 3633876 | 7.44E-08 | 1.28YrCanc | 7.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3350 ALL | 505422 | 3633876 | 6.86E-08 | 1.28YrCanc | 6.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3351 ALL | 505522 | 3633876 | 6.28E-08 | 1.28YrCanc | 6.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3352 ALL | 505622 | 3633876 | 5.79E-08 | 1.28YrCanc | 5.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3353 ALL | 505722 | 3633876 | 5.58E-08 | 1.28YrCanc | 5.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3354 ALL | 501722 | 3633976 | 5.16E-08 | 1.28YrCanc | 5.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3355 ALL | 501822 | 3633976 | 5.57E-08 | 1.28YrCanc | 5.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3356 ALL | 501922 | 3633976 | 6.04E-08 | 1.28YrCanc | 6.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3357 ALL | 502022 | 3633976 | 6.56E-08 | 1.28YrCanc | 6.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3358 ALL | 502122 | 3633976 | 7.17E-08 | 1.28YrCanc | 7.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3359 ALL | 505322 | 3633976 | 7.47E-08 | 1.28YrCanc | 7.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3360 ALL | 505422 | 3633976 | 6.78E-08 | 1.28YrCanc | 6.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3361 ALL | 505522 | 3633976 | 6.13E-08 | 1.28YrCanc | 6.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3362 ALL | 505622 | 3633976 | 5.59E-08 | 1.28YrCanc | 5.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3363 ALL | 505722 | 3633976 | 5.26E-08 | 1.28YrCanc | 5.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3364 ALL | 501722 | 3634076 | 5.25E-08 | 1.28YrCanc | 5.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3365 ALL | 501822 | 3634076 | 5.68E-08 | 1.28YrCanc | 5.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3366 ALL | 501922 | 3634076 | 6.17E-08 | 1.28YrCanc | 6.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3367 ALL | 502022 | 3634076 | 6.72E-08 | 1.28YrCanc | 6.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3368 ALL | 502122 | 3634076 | 7.35E-08 | 1.28YrCanc | 7.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3369 ALL | 505322 | 3634076 | 6.99E-08 | 1.28YrCanc | 6.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3370 ALL | 505422 | 3634076 | 6.35E-08 | 1.28YrCanc | 6.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3371 ALL | 505522 | 3634076 | 5.98E-08 | 1.28YrCanc | 5.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3372 ALL | 505622 | 3634076 | 5.56E-08 | 1.28YrCanc | 5.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3373 ALL | 505722 | 3634076 | 4.97E-08 | 1.28YrCanc | 4.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3374 ALL | 501722 | 3634176 | 5.32E-08 | 1.28YrCanc | 5.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3375 ALL | 501822 | 3634176 | 5.77E-08 | 1.28YrCanc | 5.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3376 ALL | 501922 | 3634176 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3377 ALL | 502022 | 3634176 | 6.83E-08 | 1.28YrCanc | 6.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3378 ALL | 502122 | 3634176 | 7.50E-08 | 1.28YrCanc | 7.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3379 ALL | 505322 | 3634176 | 7.08E-08 | 1.28YrCanc | 7.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3380 ALL | 505422 | 3634176 | 6.59E-08 | 1.28YrCanc | 6.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3381 ALL | 505522 | 3634176 | 6.16E-08 | 1.28YrCanc | 6.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3382 ALL | 505622 | 3634176 | 5.35E-08 | 1.28YrCanc | 5.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3383 ALL | 505722 | 3634176 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3384 ALL | 501722 | 3634276 | 5.38E-08 | 1.28YrCanc | 5.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3385 ALL | 501822 | 3634276 | 5.82E-08 | 1.28YrCanc | 5.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3386 ALL | 501922 | 3634276 | 6.34E-08 | 1.28YrCanc | 6.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3387 ALL | 502022 | 3634276 | 6.92E-08 | 1.28YrCanc | 6.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3388 ALL | 502122 | 3634276 | 7.60E-08 | 1.28YrCanc | 7.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3389 ALL | 505322 | 3634276 | 7.65E-08 | 1.28YrCanc | 7.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3390 ALL | 505422 | 3634276 | 7.10E-08 | 1.28YrCanc | 7.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3391 ALL | 505522 | 3634276 | 5.79E-08 | 1.28YrCanc | 5.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3392 ALL | 505622 | 3634276 | 5.16E-08 | 1.28YrCanc | 5.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3393 ALL | 505722 | 3634276 | 4.57E-08 | 1.28YrCanc | 4.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3394 ALL | 501722 | 3634376 | 5.43E-08 | 1.28YrCanc | 5.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3395 ALL | 501822 | 3634376 | 5.89E-08 | 1.28YrCanc | 5.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3396 ALL | 501922 | 3634376 | 6.40E-08 | 1.28YrCanc | 6.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3397 ALL | 502022 | 3634376 | 7.00E-08 | 1.28YrCanc | 7.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3398 ALL | 502122 | 3634376 | 7.71E-08 | 1.28YrCanc | 7.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3399 ALL | 505322 | 3634376 | 7.91E-08 | 1.28YrCanc | 7.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3400 ALL | 505422 | 3634376 | 7.09E-08 | 1.28YrCanc | 7.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3401 ALL | 505522 | 3634376 | 5.51E-08 | 1.28YrCanc | 5.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3402 ALL | 505622 | 3634376 | 4.79E-08 | 1.28YrCanc | 4.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3403 ALL | 505722 | 3634376 | 4.36E-08 | 1.28YrCanc | 4.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3404 ALL | 501722 | 3634476 | 5.46E-08 | 1.28YrCanc | 5.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3405 ALL | 501822 | 3634476 | 5.93E-08 | 1.28YrCanc | 5.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3406 ALL | 501922 | 3634476 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3407 ALL | 502022 | 3634476 | 7.08E-08 | 1.28YrCanc | 7.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3408 ALL | 502122 | 3634476 | 7.78E-08 | 1.28YrCanc | 7.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3409 ALL | 505322 | 3634476 | 7.82E-08 | 1.28YrCanc | 7.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3410 ALL | 505422 | 3634476 | 8.18E-08 | 1.28YrCanc | 8.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3411 ALL | 505522 | 3634476 | 6.45E-08 | 1.28YrCanc | 6.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3412 ALL | 505622 | 3634476 | 5.27E-08 | 1.28YrCanc | 5.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3413 ALL | 505722 | 3634476 | 4.45E-08 | 1.28YrCanc | 4.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3414 ALL | 501722 | 3634576 | 5.47E-08 | 1.28YrCanc | 5.47E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3415 ALL | 501822 | 3634576 | 5.93E-08 | 1.28YrCanc | 5.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3416 ALL | 501922 | 3634576 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3417 ALL | 502022 | 3634576 | 7.08E-08 | 1.28YrCanc | 7.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3418 ALL | 502122 | 3634576 | 7.79E-08 | 1.28YrCanc | 7.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3419 ALL | 505322 | 3634576 | 7.69E-08 | 1.28YrCanc | 7.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3420 ALL | 505422 | 3634576 | 8.62E-08 | 1.28YrCanc | 8.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3421 ALL | 505522 | 3634576 | 7.54E-08 | 1.28YrCanc | 7.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3422 ALL | 505622 | 3634576 | 5.69E-08 | 1.28YrCanc | 5.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3423 ALL | 505722 | 3634576 | 4.71E-08 | 1.28YrCanc | 4.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3424 ALL | 501722 | 3634676 | 5.46E-08 | 1.28YrCanc | 5.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3425 ALL | 501822 | 3634676 | 5.92E-08 | 1.28YrCanc | 5.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3426 ALL | 501922 | 3634676 | 6.45E-08 | 1.28YrCanc | 6.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3427 ALL | 502022 | 3634676 | 7.06E-08 | 1.28YrCanc | 7.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3428 ALL | 502122 | 3634676 | 7.74E-08 | 1.28YrCanc | 7.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3429 ALL | 505322 | 3634676 | 7.85E-08 | 1.28YrCanc | 7.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3430 ALL | 505422 | 3634676 | 8.70E-08 | 1.28YrCanc | 8.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3431 ALL | 505522 | 3634676 | 8.52E-08 | 1.28YrCanc | 8.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3432 ALL | 505622 | 3634676 | 7.00E-08 | 1.28YrCanc | 7.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3433 ALL | 505722 | 3634676 | 5.41E-08 | 1.28YrCanc | 5.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3434 ALL | 501722 | 3634776 | 5.42E-08 | 1.28YrCanc | 5.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3435 ALL | 501822 | 3634776 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3436 ALL | 501922 | 3634776 | 6.39E-08 | 1.28YrCanc | 6.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3437 ALL | 502022 | 3634776 | 6.99E-08 | 1.28YrCanc | 6.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3438 ALL | 502122 | 3634776 | 7.67E-08 | 1.28YrCanc | 7.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3439 ALL | 505322 | 3634776 | 7.94E-08 | 1.28YrCanc | 7.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3440 ALL | 505422 | 3634776 | 9.43E-08 | 1.28YrCanc | 9.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3441 ALL | 505522 | 3634776 | 8.63E-08 | 1.28YrCanc | 8.63E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3442 ALL | 505622 | 3634776 | 7.69E-08 | 1.28YrCanc | 7.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3443 ALL | 505722 | 3634776 | 6.59E-08 | 1.28YrCanc | 6.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3444 ALL | 501722 | 3634876 | 5.36E-08 | 1.28YrCanc | 5.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3445 ALL | 501822 | 3634876 | 5.81E-08 | 1.28YrCanc | 5.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3446 ALL | 501922 | 3634876 | 6.30E-08 | 1.28YrCanc | 6.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3447 ALL | 502022 | 3634876 | 6.87E-08 | 1.28YrCanc | 6.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3448 ALL | 502122 | 3634876 | 7.52E-08 | 1.28YrCanc | 7.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3449 | ALL | 505322 | 3634876 | 8.45E-08 | 1.28YrCanc | 8.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3450 | ALL | 505422 | 3634876 | 9.19E-08 | 1.28YrCanc | 9.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3451 | ALL | 505522 | 3634876 | 8.43E-08 | 1.28YrCanc | 8.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3452 | ALL | 505622 | 3634876 | 7.76E-08 | 1.28YrCanc | 7.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3453 | ALL | 505722 | 3634876 | 7.13E-08 | 1.28YrCanc | 7.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3454 | ALL | 501722 | 3634976 | 5.28E-08 | 1.28YrCanc | 5.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3455 | ALL | 501822 | 3634976 | 5.70E-08 | 1.28YrCanc | 5.70E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3456 | ALL | 501922 | 3634976 | 6.17E-08 | 1.28YrCanc | 6.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3457 | ALL | 502022 | 3634976 | 6.71E-08 | 1.28YrCanc | 6.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3458 | ALL | 502122 | 3634976 | 7.32E-08 | 1.28YrCanc | 7.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3459 | ALL | 505322 | 3634976 | 8.69E-08 | 1.28YrCanc | 8.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3460 | ALL | 505422 | 3634976 | 8.69E-08 | 1.28YrCanc | 8.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3461 | ALL | 505522 | 3634976 | 8.02E-08 | 1.28YrCanc | 8.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3462 | ALL | 505622 | 3634976 | 7.43E-08 | 1.28YrCanc | 7.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3463 | ALL | 505722 | 3634976 | 6.90E-08 | 1.28YrCanc | 6.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3464 | ALL | 501722 | 3635076 | 5.57E-08 | 1.28YrCanc | 5.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3465 | ALL | 501822 | 3635076 | 5.62E-08 | 1.28YrCanc | 5.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3466 | ALL | 501922 | 3635076 | 7.11E-08 | 1.28YrCanc | 7.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3467 | ALL | 502022 | 3635076 | 7.54E-08 | 1.28YrCanc | 7.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3468 | ALL | 502122 | 3635076 | 7.09E-08 | 1.28YrCanc | 7.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3469 | ALL | 505322 | 3635076 | 8.60E-08 | 1.28YrCanc | 8.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3470 | ALL | 505422 | 3635076 | 8.18E-08 | 1.28YrCanc | 8.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3471 | ALL | 505522 | 3635076 | 7.56E-08 | 1.28YrCanc | 7.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3472 | ALL | 505622 | 3635076 | 7.03E-08 | 1.28YrCanc | 7.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3473 | ALL | 505722 | 3635076 | 6.54E-08 | 1.28YrCanc | 6.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3474 | ALL | 501722 | 3635176 | 5.96E-08 | 1.28YrCanc | 5.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3475 | ALL | 501822 | 3635176 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3476 | ALL | 501922 | 3635176 | 6.93E-08 | 1.28YrCanc | 6.93E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3477 | ALL | 502022 | 3635176 | 7.27E-08 | 1.28YrCanc | 7.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3478 | ALL | 502122 | 3635176 | 7.11E-08 | 1.28YrCanc | 7.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3479 | ALL | 505322 | 3635176 | 8.38E-08 | 1.28YrCanc | 8.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3480 | ALL | 505422 | 3635176 | 7.73E-08 | 1.28YrCanc | 7.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3481 | ALL | 505522 | 3635176 | 7.15E-08 | 1.28YrCanc | 7.15E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3482 | ALL | 505622 | 3635176 | 6.64E-08 | 1.28YrCanc | 6.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3483 | ALL | 505722 | 3635176 | 6.20E-08 | 1.28YrCanc | 6.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3484 | ALL | 501722 | 3635276 | 5.85E-08 | 1.28YrCanc | 5.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3485 | ALL | 501822 | 3635276 | 6.16E-08 | 1.28YrCanc | 6.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3486 | ALL | 501922 | 3635276 | 6.50E-08 | 1.28YrCanc | 6.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3487 | ALL | 502022 | 3635276 | 6.86E-08 | 1.28YrCanc | 6.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3488 | ALL | 502122 | 3635276 | 7.12E-08 | 1.28YrCanc | 7.12E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3489 | ALL | 505622 | 3635276 | 6.29E-08 | 1.28YrCanc | 6.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3490 | ALL | 505722 | 3635276 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3491 | ALL | 501722 | 3635376 | 5.37E-08 | 1.28YrCanc | 5.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3492 | ALL | 501822 | 3635376 | 5.68E-08 | 1.28YrCanc | 5.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3493 | ALL | 501922 | 3635376 | 5.97E-08 | 1.28YrCanc | 5.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3494 | ALL | 502022 | 3635376 | 6.29E-08 | 1.28YrCanc | 6.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3495 | ALL | 502122 | 3635376 | 6.67E-08 | 1.28YrCanc | 6.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3496 | ALL | 505622 | 3635376 | 6.04E-08 | 1.28YrCanc | 6.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3497 | ALL | 501722 | 3635476 | 4.86E-08 | 1.28YrCanc | 4.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3498 | ALL | 501822 | 3635476 | 5.13E-08 | 1.28YrCanc | 5.13E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3499 | ALL | 501922 | 3635476 | 5.51E-08 | 1.28YrCanc | 5.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3500 | ALL | 502022 | 3635476 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3501 | ALL | 502122 | 3635476 | 6.23E-08 | 1.28YrCanc | 6.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3502 | ALL | 505622 | 3635476 | 5.81E-08 | 1.28YrCanc | 5.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3503 | ALL | 505722 | 3635476 | 5.45E-08 | 1.28YrCanc | 5.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3504 | ALL | 501722 | 3635576 | 4.45E-08 | 1.28YrCanc | 4.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3505 | ALL | 501822 | 3635576 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3506 | ALL | 501922 | 3635576 | 5.10E-08 | 1.28YrCanc | 5.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3507 | ALL | 502022 | 3635576 | 5.41E-08 | 1.28YrCanc | 5.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3508 | ALL | 502122 | 3635576 | 5.69E-08 | 1.28YrCanc | 5.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3509 | ALL | 505322 | 3635576 | 6.78E-08 | 1.28YrCanc | 6.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3510 | ALL | 505422 | 3635576 | 6.37E-08 | 1.28YrCanc | 6.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3511 | ALL | 505522 | 3635576 | 5.95E-08 | 1.28YrCanc | 5.95E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3512 | ALL | 505622 | 3635576 | 5.57E-08 | 1.28YrCanc | 5.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3513 | ALL | 505722 | 3635576 | 5.23E-08 | 1.28YrCanc | 5.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3514 | ALL | 501722 | 3635676 | 4.07E-08 | 1.28YrCanc | 4.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3515 | ALL | 501822 | 3635676 | 4.38E-08 | 1.28YrCanc | 4.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3516 | ALL | 501922 | 3635676 | 4.69E-08 | 1.28YrCanc | 4.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3517 | ALL | 502022 | 3635676 | 4.96E-08 | 1.28YrCanc | 4.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3518 | ALL | 502122 | 3635676 | 5.21E-08 | 1.28YrCanc | 5.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3519 | ALL | 505322 | 3635676 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3520 | ALL | 505422 | 3635676 | 6.01E-08 | 1.28YrCanc | 6.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3521 | ALL | 505522 | 3635676 | 5.68E-08 | 1.28YrCanc | 5.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3522 | ALL | 505622 | 3635676 | 5.33E-08 | 1.28YrCanc | 5.33E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3523 | ALL | 505722 | 3635676 | 5.02E-08 | 1.28YrCanc | 5.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3524 | ALL | 501722 | 3635776 | 3.72E-08 | 1.28YrCanc | 3.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3525 | ALL | 501822 | 3635776 | 4.05E-08 | 1.28YrCanc | 4.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3526 | ALL | 501922 | 3635776 | 4.36E-08 | 1.28YrCanc | 4.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3527 | ALL | 502022 | 3635776 | 4.62E-08 | 1.28YrCanc | 4.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3528 | ALL | 502122 | 3635776 | 4.88E-08 | 1.28YrCanc | 4.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3529 | ALL | 505322 | 3635776 | 6.20E-08 | 1.28YrCanc | 6.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3530 | ALL | 505422 | 3635776 | 5.79E-08 | 1.28YrCanc | 5.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3531 | ALL | 505522 | 3635776 | 5.41E-08 | 1.28YrCanc | 5.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3532 | ALL | 505622 | 3635776 | 5.05E-08 | 1.28YrCanc | 5.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3533 | ALL | 505722 | 3635776 | 4.77E-08 | 1.28YrCanc | 4.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3534 | ALL | 501722 | 3635876 | 3.40E-08 | 1.28YrCanc | 3.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3535 | ALL | 501822 | 3635876 | 3.74E-08 | 1.28YrCanc | 3.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3536 | ALL | 501922 | 3635876 | 4.06E-08 | 1.28YrCanc | 4.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3537 | ALL | 502022 | 3635876 | 4.28E-08 | 1.28YrCanc | 4.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3538 | ALL | 502122 | 3635876 | 4.55E-08 | 1.28YrCanc | 4.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3539 | ALL | 505322 | 3635876 | 6.03E-08 | 1.28YrCanc | 6.03E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3540 | ALL | 505422 | 3635876 | 5.55E-08 | 1.28YrCanc | 5.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3541 | ALL | 505522 | 3635876 | 5.20E-08 | 1.28YrCanc | 5.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3542 | ALL | 505622 | 3635876 | 4.88E-08 | 1.28YrCanc | 4.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3543 | ALL | 505722 | 3635876 | 4.60E-08 | 1.28YrCanc | 4.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3544 | ALL | 501722 | 3635976 | 3.19E-08 | 1.28YrCanc | 3.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3545 | ALL | 501822 | 3635976 | 3.52E-08 | 1.28YrCanc | 3.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3546 | ALL | 501922 | 3635976 | 3.80E-08 | 1.28YrCanc | 3.80E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3547 | ALL | 502022 | 3635976 | 3.99E-08 | 1.28YrCanc | 3.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3548 | ALL | 502122 | 3635976 | 4.24E-08 | 1.28YrCanc | 4.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3549 | ALL | 505322 | 3635976 | 5.73E-08 | 1.28YrCanc | 5.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3550 | ALL | 505422 | 3635976 | 5.34E-08 | 1.28YrCanc | 5.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3551 | ALL | 505522 | 3635976 | 5.00E-08 | 1.28YrCanc | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3552 | ALL | 505622 | 3635976 | 4.72E-08 | 1.28YrCanc | 4.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3553 | ALL | 505722 | 3635976 | 4.43E-08 | 1.28YrCanc | 4.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3554 | ALL | 501722 | 3636076 | 3.07E-08 | 1.28YrCanc | 3.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3555 | ALL | 501822 | 3636076 | 3.29E-08 | 1.28YrCanc | 3.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3556 | ALL | 501922 | 3636076 | 3.54E-08 | 1.28YrCanc | 3.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3557 | ALL | 502022 | 3636076 | 3.73E-08 | 1.28YrCanc | 3.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3558 | ALL | 502122 | 3636076 | 3.97E-08 | 1.28YrCanc | 3.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3559 | ALL | 502222 | 3636076 | 4.29E-08 | 1.28YrCanc | 4.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3560 | ALL | 502322 | 3636076 | 4.68E-08 | 1.28YrCanc | 4.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3561 | ALL | 502422 | 3636076 | 5.04E-08 | 1.28YrCanc | 5.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3562 | ALL | 502522 | 3636076 | 5.34E-08 | 1.28YrCanc | 5.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3563 | ALL | 502622 | 3636076 | 5.65E-08 | 1.28YrCanc | 5.65E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3564 | ALL | 502722 | 3636076 | 6.01E-08 | 1.28YrCanc | 6.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3565 | ALL | 502822 | 3636076 | 6.34E-08 | 1.28YrCanc | 6.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3566 | ALL | 502922 | 3636076 | 6.58E-08 | 1.28YrCanc | 6.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3567 | ALL | 503022 | 3636076 | 6.79E-08 | 1.28YrCanc | 6.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3568 | ALL | 503122 | 3636076 | 6.81E-08 | 1.28YrCanc | 6.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3569 | ALL | 503222 | 3636076 | 7.28E-08 | 1.28YrCanc | 7.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3570 | ALL | 503322 | 3636076 | 7.83E-08 | 1.28YrCanc | 7.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3571 | ALL | 503422 | 3636076 | 8.26E-08 | 1.28YrCanc | 8.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3572 | ALL | 503522 | 3636076 | 8.68E-08 | 1.28YrCanc | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3573 | ALL | 503622 | 3636076 | 8.96E-08 | 1.28YrCanc | 8.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3574 | ALL | 503722 | 3636076 | 9.10E-08 | 1.28YrCanc | 9.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3575 | ALL | 503822 | 3636076 | 9.20E-08 | 1.28YrCanc | 9.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3576 | ALL | 503922 | 3636076 | 9.30E-08 | 1.28YrCanc | 9.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3577 | ALL | 504022 | 3636076 | 9.45E-08 | 1.28YrCanc | 9.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3578 | ALL | 504122 | 3636076 | 9.55E-08 | 1.28YrCanc | 9.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3579 | ALL | 504222 | 3636076 | 9.58E-08 | 1.28YrCanc | 9.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3580 | ALL | 504322 | 3636076 | 9.57E-08 | 1.28YrCanc | 9.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3581 | ALL | 504422 | 3636076 | 9.27E-08 | 1.28YrCanc | 9.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3582 | ALL | 504522 | 3636076 | 8.82E-08 | 1.28YrCanc | 8.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3583 | ALL | 504622 | 3636076 | 8.53E-08 | 1.28YrCanc | 8.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3584 | ALL | 504722 | 3636076 | 8.16E-08 | 1.28YrCanc | 8.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3585 | ALL | 504822 | 3636076 | 7.46E-08 | 1.28YrCanc | 7.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3586 | ALL | 504922 | 3636076 | 6.82E-08 | 1.28YrCanc | 6.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3587 | ALL | 505022 | 3636076 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3588 | ALL | 505122 | 3636076 | 6.09E-08 | 1.28YrCanc | 6.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3589 | ALL | 505222 | 3636076 | 5.76E-08 | 1.28YrCanc | 5.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3590 | ALL | 505322 | 3636076 | 5.46E-08 | 1.28YrCanc | 5.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3591 | ALL | 505422 | 3636076 | 5.09E-08 | 1.28YrCanc | 5.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3592 | ALL | 505522 | 3636076 | 4.84E-08 | 1.28YrCanc | 4.84E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3593 | ALL | 505622 | 3636076 | 4.56E-08 | 1.28YrCanc | 4.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3594 | ALL | 505722 | 3636076 | 4.29E-08 | 1.28YrCanc | 4.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3595 | ALL | 501722 | 3636176 | 2.85E-08 | 1.28YrCanc | 2.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3596 | ALL | 501822 | 3636176 | 3.07E-08 | 1.28YrCanc | 3.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3597 | ALL | 501922 | 3636176 | 3.32E-08 | 1.28YrCanc | 3.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3598 | ALL | 502022 | 3636176 | 3.52E-08 | 1.28YrCanc | 3.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3599 | ALL | 502122 | 3636176 | 3.76E-08 | 1.28YrCanc | 3.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3600 | ALL | 502222 | 3636176 | 4.07E-08 | 1.28YrCanc | 4.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3601 | ALL | 502322 | 3636176 | 4.45E-08 | 1.28YrCanc | 4.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3602 | ALL | 502422 | 3636176 | 4.77E-08 | 1.28YrCanc | 4.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3603 | ALL | 502522 | 3636176 | 5.05E-08 | 1.28YrCanc | 5.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3604 | ALL | 502622 | 3636176 | 5.34E-08 | 1.28YrCanc | 5.34E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3605 | ALL | 502722 | 3636176 | 5.61E-08 | 1.28YrCanc | 5.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3606 | ALL | 502822 | 3636176 | 5.86E-08 | 1.28YrCanc | 5.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3607 | ALL | 502922 | 3636176 | 6.08E-08 | 1.28YrCanc | 6.08E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3608 | ALL | 503022 | 3636176 | 6.20E-08 | 1.28YrCanc | 6.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3609 | ALL | 503122 | 3636176 | 5.96E-08 | 1.28YrCanc | 5.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3610 | ALL | 503222 | 3636176 | 6.57E-08 | 1.28YrCanc | 6.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3611 | ALL | 503322 | 3636176 | 7.14E-08 | 1.28YrCanc | 7.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3612 | ALL | 503422 | 3636176 | 7.53E-08 | 1.28YrCanc | 7.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3613 | ALL | 503522 | 3636176 | 7.85E-08 | 1.28YrCanc | 7.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3614 | ALL | 503622 | 3636176 | 8.11E-08 | 1.28YrCanc | 8.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3615 | ALL | 503722 | 3636176 | 8.22E-08 | 1.28YrCanc | 8.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3616 | ALL | 503822 | 3636176 | 8.27E-08 | 1.28YrCanc | 8.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3617 | ALL | 503922 | 3636176 | 8.30E-08 | 1.28YrCanc | 8.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3618 | ALL | 504022 | 3636176 | 8.35E-08 | 1.28YrCanc | 8.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3619 | ALL | 504122 | 3636176 | 8.30E-08 | 1.28YrCanc | 8.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3620 | ALL | 504222 | 3636176 | 8.35E-08 | 1.28YrCanc | 8.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3621 | ALL | 504322 | 3636176 | 7.92E-08 | 1.28YrCanc | 7.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3622 | ALL | 504422 | 3636176 | 7.25E-08 | 1.28YrCanc | 7.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3623 | ALL | 504522 | 3636176 | 6.27E-08 | 1.28YrCanc | 6.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3624 | ALL | 504622 | 3636176 | 6.69E-08 | 1.28YrCanc | 6.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3625 | ALL | 504722 | 3636176 | 7.57E-08 | 1.28YrCanc | 7.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3626 | ALL | 504822 | 3636176 | 7.24E-08 | 1.28YrCanc | 7.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3627 | ALL | 504922 | 3636176 | 6.86E-08 | 1.28YrCanc | 6.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3628 | ALL | 505022 | 3636176 | 6.32E-08 | 1.28YrCanc | 6.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3629 | ALL | 505122 | 3636176 | 5.78E-08 | 1.28YrCanc | 5.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3630 | ALL | 505222 | 3636176 | 5.50E-08 | 1.28YrCanc | 5.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3631 | ALL | 505322 | 3636176 | 5.26E-08 | 1.28YrCanc | 5.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3632 | ALL | 505422 | 3636176 | 4.99E-08 | 1.28YrCanc | 4.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3633 | ALL | 505522 | 3636176 | 4.67E-08 | 1.28YrCanc | 4.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3634 | ALL | 505622 | 3636176 | 4.41E-08 | 1.28YrCanc | 4.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3635 | ALL | 505722 | 3636176 | 4.17E-08 | 1.28YrCanc | 4.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3636 | ALL | 501722 | 3636276 | 2.72E-08 | 1.28YrCanc | 2.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3637 | ALL | 501822 | 3636276 | 2.91E-08 | 1.28YrCanc | 2.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3638 | ALL | 501922 | 3636276 | 3.14E-08 | 1.28YrCanc | 3.14E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3639 | ALL | 502022 | 3636276 | 3.38E-08 | 1.28YrCanc | 3.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3640 | ALL | 502122 | 3636276 | 3.66E-08 | 1.28YrCanc | 3.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3641 | ALL | 502222 | 3636276 | 3.96E-08 | 1.28YrCanc | 3.96E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3642 | ALL | 502322 | 3636276 | 4.25E-08 | 1.28YrCanc | 4.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3643 | ALL | 502422 | 3636276 | 4.53E-08 | 1.28YrCanc | 4.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3644 | ALL | 502522 | 3636276 | 4.79E-08 | 1.28YrCanc | 4.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3645 | ALL | 502622 | 3636276 | 5.01E-08 | 1.28YrCanc | 5.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3646 | ALL | 502722 | 3636276 | 5.23E-08 | 1.28YrCanc | 5.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3647 | ALL | 502822 | 3636276 | 5.42E-08 | 1.28YrCanc | 5.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3648 | ALL | 502922 | 3636276 | 5.58E-08 | 1.28YrCanc | 5.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3649 | ALL | 503022 | 3636276 | 5.77E-08 | 1.28YrCanc | 5.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3650 | ALL | 503122 | 3636276 | 5.78E-08 | 1.28YrCanc | 5.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3651 | ALL | 503222 | 3636276 | 5.86E-08 | 1.28YrCanc | 5.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3652 | ALL | 503322 | 3636276 | 6.26E-08 | 1.28YrCanc | 6.26E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3653 | ALL | 503422 | 3636276 | 6.72E-08 | 1.28YrCanc | 6.72E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3654 | ALL | 503522 | 3636276 | 7.05E-08 | 1.28YrCanc | 7.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3655 | ALL | 503622 | 3636276 | 7.27E-08 | 1.28YrCanc | 7.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3656 | ALL | 503722 | 3636276 | 7.39E-08 | 1.28YrCanc | 7.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3657 | ALL | 503822 | 3636276 | 7.42E-08 | 1.28YrCanc | 7.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3658 | ALL | 503922 | 3636276 | 7.41E-08 | 1.28YrCanc | 7.41E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3659 | ALL | 504022 | 3636276 | 7.31E-08 | 1.28YrCanc | 7.31E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3660 | ALL | 504122 | 3636276 | 7.06E-08 | 1.28YrCanc | 7.06E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3661 | ALL | 504222 | 3636276 | 6.43E-08 | 1.28YrCanc | 6.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3662 | ALL | 504322 | 3636276 | 5.30E-08 | 1.28YrCanc | 5.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3663 | ALL | 504422 | 3636276 | 5.11E-08 | 1.28YrCanc | 5.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3664 | ALL | 504522 | 3636276 | 4.90E-08 | 1.28YrCanc | 4.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3665 | ALL | 504622 | 3636276 | 5.24E-08 | 1.28YrCanc | 5.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3666 | ALL | 504722 | 3636276 | 5.88E-08 | 1.28YrCanc | 5.88E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3667 | ALL | 504822 | 3636276 | 5.32E-08 | 1.28YrCanc | 5.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3668 | ALL | 504922 | 3636276 | 6.21E-08 | 1.28YrCanc | 6.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3669 | ALL | 505022 | 3636276 | 6.01E-08 | 1.28YrCanc | 6.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3670 | ALL | 505122 | 3636276 | 5.50E-08 | 1.28YrCanc | 5.50E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3671 | ALL | 505222 | 3636276 | 5.24E-08 | 1.28YrCanc | 5.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3672 | ALL | 505322 | 3636276 | 5.05E-08 | 1.28YrCanc | 5.05E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3673 | ALL | 505422 | 3636276 | 4.82E-08 | 1.28YrCanc | 4.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3674 | ALL | 505522 | 3636276 | 4.53E-08 | 1.28YrCanc | 4.53E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3675 | ALL | 505622 | 3636276 | 4.29E-08 | 1.28YrCanc | 4.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3676 | ALL | 505722 | 3636276 | 4.07E-08 | 1.28YrCanc | 4.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3677 | ALL | 501722 | 3636376 | 2.59E-08 | 1.28YrCanc | 2.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3678 | ALL | 501822 | 3636376 | 2.79E-08 | 1.28YrCanc | 2.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3679 | ALL | 501922 | 3636376 | 3.04E-08 | 1.28YrCanc | 3.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3680 | ALL | 502022 | 3636376 | 3.25E-08 | 1.28YrCanc | 3.25E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3681 | ALL | 502122 | 3636376 | 3.51E-08 | 1.28YrCanc | 3.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3682 | ALL | 502222 | 3636376 | 3.76E-08 | 1.28YrCanc | 3.76E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3683 | ALL | 502322 | 3636376 | 4.01E-08 | 1.28YrCanc | 4.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3684 | ALL | 502422 | 3636376 | 4.29E-08 | 1.28YrCanc | 4.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3685 | ALL | 502522 | 3636376 | 4.52E-08 | 1.28YrCanc | 4.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3686 | ALL | 502622 | 3636376 | 4.74E-08 | 1.28YrCanc | 4.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3687 | ALL | 502722 | 3636376 | 4.87E-08 | 1.28YrCanc | 4.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3688 | ALL | 502822 | 3636376 | 4.98E-08 | 1.28YrCanc | 4.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3689 | ALL | 502922 | 3636376 | 5.07E-08 | 1.28YrCanc | 5.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3690 | ALL | 503022 | 3636376 | 5.17E-08 | 1.28YrCanc | 5.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3691 | ALL | 503122 | 3636376 | 5.16E-08 | 1.28YrCanc | 5.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3692 | ALL | 503222 | 3636376 | 5.16E-08 | 1.28YrCanc | 5.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3693 | ALL | 503322 | 3636376 | 5.45E-08 | 1.28YrCanc | 5.45E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3694 | ALL | 503422 | 3636376 | 6.02E-08 | 1.28YrCanc | 6.02E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3695 | ALL | 503522 | 3636376 | 6.29E-08 | 1.28YrCanc | 6.29E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3696 | ALL | 503622 | 3636376 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3697 | ALL | 503722 | 3636376 | 6.62E-08 | 1.28YrCanc | 6.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3698 | ALL | 503822 | 3636376 | 6.67E-08 | 1.28YrCanc | 6.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3699 | ALL | 503922 | 3636376 | 6.46E-08 | 1.28YrCanc | 6.46E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3700 | ALL | 504022 | 3636376 | 6.32E-08 | 1.28YrCanc | 6.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3701 | ALL | 504122 | 3636376 | 5.92E-08 | 1.28YrCanc | 5.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3702 | ALL | 504222 | 3636376 | 5.20E-08 | 1.28YrCanc | 5.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3703 | ALL | 504322 | 3636376 | 4.67E-08 | 1.28YrCanc | 4.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3704 | ALL | 504422 | 3636376 | 4.49E-08 | 1.28YrCanc | 4.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3705 | ALL | 504522 | 3636376 | 4.43E-08 | 1.28YrCanc | 4.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3706 | ALL | 504622 | 3636376 | 4.58E-08 | 1.28YrCanc | 4.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3707 | ALL | 504722 | 3636376 | 4.83E-08 | 1.28YrCanc | 4.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3708 | ALL | 504822 | 3636376 | 4.43E-08 | 1.28YrCanc | 4.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3709 | ALL | 504922 | 3636376 | 4.39E-08 | 1.28YrCanc | 4.39E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3710 | ALL | 505022 | 3636376 | 5.51E-08 | 1.28YrCanc | 5.51E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3711 | ALL | 505122 | 3636376 | 5.38E-08 | 1.28YrCanc | 5.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3712 | ALL | 505222 | 3636376 | 5.10E-08 | 1.28YrCanc | 5.10E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3713 | ALL | 505322 | 3636376 | 4.87E-08 | 1.28YrCanc | 4.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3714 | ALL | 505422 | 3636376 | 4.62E-08 | 1.28YrCanc | 4.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3715 | ALL | 505522 | 3636376 | 4.40E-08 | 1.28YrCanc | 4.40E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3716 | ALL | 505622 | 3636376 | 4.18E-08 | 1.28YrCanc | 4.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3717 | ALL | 505722 | 3636376 | 3.97E-08 | 1.28YrCanc | 3.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3718 | ALL | 501722 | 3636476 | 2.42E-08 | 1.28YrCanc | 2.42E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3719 | ALL | 501822 | 3636476 | 2.62E-08 | 1.28YrCanc | 2.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3720 | ALL | 501922 | 3636476 | 2.91E-08 | 1.28YrCanc | 2.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3721 | ALL | 502022 | 3636476 | 3.09E-08 | 1.28YrCanc | 3.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3722 | ALL | 502122 | 3636476 | 3.30E-08 | 1.28YrCanc | 3.30E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3723 | ALL | 502222 | 3636476 | 3.56E-08 | 1.28YrCanc | 3.56E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3724 | ALL | 502322 | 3636476 | 3.83E-08 | 1.28YrCanc | 3.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3725 | ALL | 502422 | 3636476 | 4.09E-08 | 1.28YrCanc | 4.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3726 | ALL | 502522 | 3636476 | 4.27E-08 | 1.28YrCanc | 4.27E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3727 | ALL | 502622 | 3636476 | 4.44E-08 | 1.28YrCanc | 4.44E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3728 | ALL | 502722 | 3636476 | 4.55E-08 | 1.28YrCanc | 4.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3729 | ALL | 502822 | 3636476 | 4.54E-08 | 1.28YrCanc | 4.54E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3730 | ALL | 502922 | 3636476 | 4.61E-08 | 1.28YrCanc | 4.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3731 | ALL | 503022 | 3636476 | 4.62E-08 | 1.28YrCanc | 4.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3732 | ALL | 503122 | 3636476 | 4.57E-08 | 1.28YrCanc | 4.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3733 | ALL | 503222 | 3636476 | 4.57E-08 | 1.28YrCanc | 4.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3734 | ALL | 503322 | 3636476 | 4.90E-08 | 1.28YrCanc | 4.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3735 | ALL | 503422 | 3636476 | 5.28E-08 | 1.28YrCanc | 5.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3736 | ALL | 503522 | 3636476 | 5.58E-08 | 1.28YrCanc | 5.58E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3737 | ALL | 503622 | 3636476 | 5.74E-08 | 1.28YrCanc | 5.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3738 | ALL | 503722 | 3636476 | 5.92E-08 | 1.28YrCanc | 5.92E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3739 | ALL | 503822 | 3636476 | 5.82E-08 | 1.28YrCanc | 5.82E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3740 | ALL | 503922 | 3636476 | 5.62E-08 | 1.28YrCanc | 5.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3741 | ALL | 504022 | 3636476 | 4.69E-08 | 1.28YrCanc | 4.69E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3742 | ALL | 504122 | 3636476 | 4.81E-08 | 1.28YrCanc | 4.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3743 | ALL | 504222 | 3636476 | 4.77E-08 | 1.28YrCanc | 4.77E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3744 | ALL | 504322 | 3636476 | 4.22E-08 | 1.28YrCanc | 4.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3745 | ALL | 504422 | 3636476 | 4.09E-08 | 1.28YrCanc | 4.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3746 | ALL | 504522 | 3636476 | 4.04E-08 | 1.28YrCanc | 4.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3747 | ALL | 504622 | 3636476 | 4.01E-08 | 1.28YrCanc | 4.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3748 | ALL | 504722 | 3636476 | 3.98E-08 | 1.28YrCanc | 3.98E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3749 | ALL | 504822 | 3636476 | 3.91E-08 | 1.28YrCanc | 3.91E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3750 | ALL | 504922 | 3636476 | 4.09E-08 | 1.28YrCanc | 4.09E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3751 | ALL | 505022 | 3636476 | 5.01E-08 | 1.28YrCanc | 5.01E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3752 | ALL | 505122 | 3636476 | 5.17E-08 | 1.28YrCanc | 5.17E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3753 | ALL | 505222 | 3636476 | 4.90E-08 | 1.28YrCanc | 4.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3754 | ALL | 505322 | 3636476 | 4.67E-08 | 1.28YrCanc | 4.67E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3755 | ALL | 505422 | 3636476 | 4.43E-08 | 1.28YrCanc | 4.43E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3756 | ALL | 505522 | 3636476 | 4.23E-08 | 1.28YrCanc | 4.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3757 | ALL | 505622 | 3636476 | 4.04E-08 | 1.28YrCanc | 4.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3758 | ALL | 505722 | 3636476 | 3.85E-08 | 1.28YrCanc | 3.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

1.39E-06
1.39E+00

HARP2 - HRACalc (dated 22118) 11/7/2023 3:33:52 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

**********
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

**********
SOIL & DERMAL PATHWAY SETTINGS

```
Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS
Tier2 not used.

**********

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
C:\Users\dlarocca\Desktop\Air Quality
Work\HARP2\SanteeCV7to7wOPRwM\hra\ConstChronicMitNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\dlarocca\Desktop\Air Quality
Work\HARP2\SanteeCV7to7wOPRwM\hra\ConstChronicMitNCChronicRiskSumByRec.csv
HRA ran successfully
```

*HARP - HRACalc v22118 11/7/2023 3:33:52 PM - Chronic Risk - Input File: C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\SanteeCV7to7wOPRwM\hra\ConstChronicMitHRAInput.hra

| REC | GRP | NETID | X | Y | SCENARIO | CV | CNS | IMMUN | KIDNEY | GILV | REPRO/DE\ | RESP | SKIN | EYE | BONE/TEET | ENDO | BLOOD | ODOR | GENERAL | MAXHI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 502722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 |
| 2 | ALL | | 502772 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 3 | ALL | | 502822 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 |
| 4 | ALL | | 502872 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 5 | ALL | | 502922 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 6 | ALL | | 502972 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 7 | ALL | | 503022 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 8 | ALL | | 503072 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 9 | ALL | | 503122 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 10 | ALL | | 503172 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 11 | ALL | | 503222 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 12 | ALL | | 503272 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 13 | ALL | | 503322 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 14 | ALL | | 503372 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 |
| 15 | ALL | | 503422 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.52E-05 |
| 16 | ALL | | 503472 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 17 | ALL | | 503522 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 18 | ALL | | 503622 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 |
| 19 | ALL | | 503672 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 |
| 20 | ALL | | 503722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 |
| 21 | ALL | | 503772 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 |
| 22 | ALL | | 503822 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 23 | ALL | | 503872 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 24 | ALL | | 503922 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 25 | ALL | | 503972 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 26 | ALL | | 504022 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 27 | ALL | | 504072 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 28 | ALL | | 504122 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 29 | ALL | | 504172 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.90E-05 |
| 30 | ALL | | 504222 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 31 | ALL | | 504272 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 |
| 32 | ALL | | 504322 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 |
| 33 | ALL | | 504372 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 34 | ALL | | 504422 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 |
| 35 | ALL | | 504472 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 36 | ALL | | 504522 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 |
| 37 | ALL | | 504572 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 |
| 38 | ALL | | 504622 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 |
| 39 | ALL | | 504672 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 40 | ALL | | 504722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 |
| 41 | ALL | | 502722 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.89E-05 |
| 42 | ALL | | 502772 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 |
| 43 | ALL | | 502822 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 44 | ALL | | 502872 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 45 | ALL | | 502922 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 46 | ALL | | 502972 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 47 | ALL | | 503022 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 48 | ALL | | 503072 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 49 | ALL | | 503122 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 50 | ALL | | 503172 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 51 | ALL | | 503222 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 52 | ALL | | 503272 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | ALL | 503322 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 54 | ALL | 503372 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 55 | ALL | 503422 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 56 | ALL | 503472 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 57 | ALL | 503522 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 58 | ALL | 503622 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 59 | ALL | 503672 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 60 | ALL | 503722 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 61 | ALL | 503772 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 |
| 62 | ALL | 503822 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 |
| 63 | ALL | 503872 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 64 | ALL | 503922 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 |
| 65 | ALL | 503972 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |
| 66 | ALL | 504022 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 67 | ALL | 504072 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 |
| 68 | ALL | 504122 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 |
| 69 | ALL | 504172 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 |
| 70 | ALL | 504222 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 |
| 71 | ALL | 504272 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 |
| 72 | ALL | 504322 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 |
| 73 | ALL | 504372 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 |
| 74 | ALL | 504422 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 |
| 75 | ALL | 504472 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 76 | ALL | 504522 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 |
| 77 | ALL | 504572 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 78 | ALL | 504622 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 |
| 79 | ALL | 504672 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 80 | ALL | 504722 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 81 | ALL | 502722 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 82 | ALL | 502772 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 83 | ALL | 502822 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 84 | ALL | 502872 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 85 | ALL | 502922 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 86 | ALL | 502972 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 87 | ALL | 503022 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 88 | ALL | 503072 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 89 | ALL | 503122 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 90 | ALL | 503172 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 91 | ALL | 503222 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 92 | ALL | 503272 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 93 | ALL | 503322 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 94 | ALL | 503372 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 95 | ALL | 503422 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 96 | ALL | 503472 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 97 | ALL | 503522 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 98 | ALL | 503622 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 99 | ALL | 503672 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 100 | ALL | 503722 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 101 | ALL | 503772 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 102 | ALL | 503822 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 103 | ALL | 503872 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 104 | ALL | 503922 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 105 | ALL | 503972 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 106 | ALL | 504022 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 107 | ALL | 504072 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 108 | ALL | 504122 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 109 | ALL | 504172 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 110 | ALL | 504222 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 111 | ALL | 504272 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 112 | ALL | 504322 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 113 | ALL | 504372 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 |
| 114 | ALL | 504422 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 115 | ALL | 504472 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 |
| 116 | ALL | 504522 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 117 | ALL | 504572 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 |
| 118 | ALL | 504622 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 |
| 119 | ALL | 504672 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 |
| 120 | ALL | 504722 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 |
| 121 | ALL | 502722 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 |
| 122 | ALL | 502772 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 123 | ALL | 502822 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 124 | ALL | 502872 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 125 | ALL | 502922 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 126 | ALL | 502972 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 127 | ALL | 503022 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 128 | ALL | 503072 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 129 | ALL | 503122 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 130 | ALL | 503172 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 131 | ALL | 503222 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 132 | ALL | 503272 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 133 | ALL | 503322 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 134 | ALL | 503372 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 135 | ALL | 503422 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 136 | ALL | 503472 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 137 | ALL | 503522 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 138 | ALL | 503622 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 139 | ALL | 503672 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 140 | ALL | 503722 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 141 | ALL | 503772 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 142 | ALL | 503822 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 143 | ALL | 503872 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 144 | ALL | 503922 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 145 | ALL | 503972 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 146 | ALL | 504022 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 147 | ALL | 504072 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 148 | ALL | 504122 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 149 | ALL | 504172 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 150 | ALL | 504222 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 151 | ALL | 504272 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 152 | ALL | 504322 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 153 | ALL | 504372 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 |
| 154 | ALL | 504422 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 155 | ALL | 504472 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 |
| 156 | ALL | 504522 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 |
| 157 | ALL | 504572 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.99E-05 |
| 158 | ALL | 504622 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 159 | ALL | 504672 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 160 | ALL | 504722 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | ALL | 502722 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 |
| 162 | ALL | 502772 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 163 | ALL | 502822 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 164 | ALL | 502872 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 165 | ALL | 502922 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 166 | ALL | 502972 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 167 | ALL | 503022 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 168 | ALL | 503072 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 169 | ALL | 503122 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 170 | ALL | 503172 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 171 | ALL | 503222 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 172 | ALL | 503272 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 173 | ALL | 503322 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 174 | ALL | 503372 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 175 | ALL | 503422 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 176 | ALL | 503472 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 177 | ALL | 503522 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 178 | ALL | 503572 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 179 | ALL | 503672 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 180 | ALL | 503722 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 181 | ALL | 503772 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 182 | ALL | 503822 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 183 | ALL | 503872 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 184 | ALL | 503922 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 185 | ALL | 503972 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 186 | ALL | 504022 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 187 | ALL | 504072 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 188 | ALL | 504122 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 189 | ALL | 504172 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 190 | ALL | 504222 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 191 | ALL | 504272 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 192 | ALL | 504322 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 193 | ALL | 504372 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 194 | ALL | 504422 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 195 | ALL | 504472 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 196 | ALL | 504522 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 197 | ALL | 504572 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 198 | ALL | 504622 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 199 | ALL | 504672 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 200 | ALL | 504722 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 201 | ALL | 502722 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 202 | ALL | 502772 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 203 | ALL | 502822 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 204 | ALL | 502872 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 205 | ALL | 502922 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 206 | ALL | 502972 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 207 | ALL | 503022 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 208 | ALL | 503072 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 209 | ALL | 503122 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 210 | ALL | 503172 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 211 | ALL | 503222 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 212 | ALL | 503272 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 |
| 213 | ALL | 503322 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 214 | ALL | 503372 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 215 | ALL | 503422 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 |
| 216 | ALL | 503472 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 217 | ALL | 503522 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 218 | ALL | 503572 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 219 | ALL | 503722 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 220 | ALL | 503772 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 221 | ALL | 503822 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 222 | ALL | 503872 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 223 | ALL | 503922 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 224 | ALL | 503972 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 225 | ALL | 504022 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 226 | ALL | 504072 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 227 | ALL | 504122 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 228 | ALL | 504172 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 229 | ALL | 504222 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 230 | ALL | 504272 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 231 | ALL | 504322 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 232 | ALL | 504372 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 233 | ALL | 504422 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 234 | ALL | 504472 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 235 | ALL | 504522 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 236 | ALL | 504572 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 237 | ALL | 504622 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 238 | ALL | 504672 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 239 | ALL | 504722 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 240 | ALL | 502722 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 241 | ALL | 502772 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 242 | ALL | 502822 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 243 | ALL | 502872 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 244 | ALL | 502922 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 245 | ALL | 502972 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 246 | ALL | 503022 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 247 | ALL | 503072 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 248 | ALL | 503122 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 249 | ALL | 503172 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 250 | ALL | 503222 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 251 | ALL | 503272 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 252 | ALL | 503322 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 253 | ALL | 503372 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 |
| 254 | ALL | 503422 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 |
| 255 | ALL | 503472 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 |
| 256 | ALL | 503772 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 257 | ALL | 503822 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 258 | ALL | 503872 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 259 | ALL | 503922 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 |
| 260 | ALL | 503972 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 261 | ALL | 504022 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 262 | ALL | 504072 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 |
| 263 | ALL | 504122 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 264 | ALL | 504172 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 265 | ALL | 504222 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 266 | ALL | 504272 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 267 | ALL | 504322 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 268 | ALL | 504372 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 269 | ALL | 504422 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 270 | ALL | 504472 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 271 | ALL | 504522 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 272 | ALL | 504572 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 273 | ALL | 504622 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 274 | ALL | 504672 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 275 | ALL | 504722 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 276 | ALL | 502722 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 277 | ALL | 502772 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 278 | ALL | 502822 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 279 | ALL | 502872 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 280 | ALL | 502922 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 281 | ALL | 502972 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 282 | ALL | 503022 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 283 | ALL | 503072 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 284 | ALL | 503122 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 285 | ALL | 503172 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 286 | ALL | 503222 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 287 | ALL | 503272 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 288 | ALL | 503772 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 289 | ALL | 503822 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 290 | ALL | 503872 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 |
| 291 | ALL | 503922 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 |
| 292 | ALL | 503972 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 293 | ALL | 504022 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 294 | ALL | 504072 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 |
| 295 | ALL | 504122 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 |
| 296 | ALL | 504172 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 |
| 297 | ALL | 504222 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 |
| 298 | ALL | 504272 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 299 | ALL | 504322 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 300 | ALL | 504372 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 |
| 301 | ALL | 504422 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 302 | ALL | 504472 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 303 | ALL | 504522 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 304 | ALL | 504572 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 305 | ALL | 504622 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 306 | ALL | 504672 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 307 | ALL | 504722 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 308 | ALL | 502722 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 309 | ALL | 502772 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 310 | ALL | 502822 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 311 | ALL | 502872 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 312 | ALL | 502922 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 313 | ALL | 502972 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 314 | ALL | 503022 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 315 | ALL | 503072 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 316 | ALL | 503122 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 317 | ALL | 503172 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 318 | ALL | 503222 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 319 | ALL | 503272 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 |
| 320 | ALL | 503822 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 321 | ALL | 503872 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 322 | ALL | 503922 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 323 | ALL | 503972 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 324 | ALL | 504022 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 325 | ALL | 504072 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 326 | ALL | 504122 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 327 | ALL | 504172 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 328 | ALL | 504222 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 329 | ALL | 504272 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 330 | ALL | 504322 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 331 | ALL | 504372 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 332 | ALL | 504422 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 333 | ALL | 504472 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 334 | ALL | 504522 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 |
| 335 | ALL | 504572 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 336 | ALL | 504622 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 337 | ALL | 504672 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 338 | ALL | 504722 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 339 | ALL | 502722 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 340 | ALL | 502772 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 341 | ALL | 502822 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 342 | ALL | 502872 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 343 | ALL | 502922 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 344 | ALL | 502972 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 345 | ALL | 503022 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 346 | ALL | 503072 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 347 | ALL | 503122 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 348 | ALL | 503172 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 349 | ALL | 503222 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 |
| 350 | ALL | 503272 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 |
| 351 | ALL | 503822 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 352 | ALL | 503872 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 353 | ALL | 503922 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 354 | ALL | 503972 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-04 |
| 355 | ALL | 504022 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 356 | ALL | 504072 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 357 | ALL | 504122 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 358 | ALL | 504172 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 359 | ALL | 504222 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 360 | ALL | 504272 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 361 | ALL | 504322 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 362 | ALL | 504372 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 363 | ALL | 504422 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 364 | ALL | 504472 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 |
| 365 | ALL | 504522 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 366 | ALL | 504572 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 |
| 367 | ALL | 504622 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 368 | ALL | 504672 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 369 | ALL | 504722 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 370 | ALL | 502722 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 371 | ALL | 502772 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 372 | ALL | 502822 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 373 | ALL | 502872 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 374 | ALL | 502922 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 375 | ALL | 502972 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 376 | ALL | 503022 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 377 | ALL | 503072 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 378 | ALL | 503122 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 |
| 379 | ALL | 503172 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 |
| 380 | ALL | 503222 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 381 | ALL | 503272 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 382 | ALL | 503822 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 |
| 383 | ALL | 503872 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-04 |
| 384 | ALL | 503922 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-04 |
| 385 | ALL | 503972 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-04 |
| 386 | ALL | 504022 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-04 |
| 387 | ALL | 504072 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 |
| 388 | ALL | 504122 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 |
| 389 | ALL | 504172 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-04 |
| 390 | ALL | 504222 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-04 |
| 391 | ALL | 504272 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 392 | ALL | 504322 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 393 | ALL | 504372 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 394 | ALL | 504422 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 395 | ALL | 504472 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 396 | ALL | 504522 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 397 | ALL | 504572 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 398 | ALL | 504622 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 399 | ALL | 504672 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 400 | ALL | 504722 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 401 | ALL | 502722 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 402 | ALL | 502772 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 403 | ALL | 502822 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 404 | ALL | 502872 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 405 | ALL | 502922 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 406 | ALL | 502972 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 407 | ALL | 503022 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 408 | ALL | 503072 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 |
| 409 | ALL | 503122 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 410 | ALL | 503172 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 411 | ALL | 503222 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 412 | ALL | 503272 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 413 | ALL | 503872 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-04 |
| 414 | ALL | 503922 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-04 |
| 415 | ALL | 503972 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-04 |
| 416 | ALL | 504022 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-04 |
| 417 | ALL | 504072 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-04 |
| 418 | ALL | 504122 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 |
| 419 | ALL | 504172 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |
| 420 | ALL | 504222 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 |
| 421 | ALL | 504272 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 |
| 422 | ALL | 504322 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 |
| 423 | ALL | 504372 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 424 | ALL | 504422 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 425 | ALL | 504472 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 426 | ALL | 504522 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 427 | ALL | 504572 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 |
| 428 | ALL | 504622 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 429 | ALL | 504672 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 430 | ALL | 504722 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 431 | ALL | 502722 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 432 | ALL | 502772 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 433 | ALL | 502822 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 434 | ALL | 502872 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 435 | ALL | 502922 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 436 | ALL | 502972 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 437 | ALL | 503022 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 438 | ALL | 503072 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 |
| 439 | ALL | 503122 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 440 | ALL | 503172 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 441 | ALL | 503222 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 442 | ALL | 503272 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 443 | ALL | 503872 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-04 |
| 444 | ALL | 503922 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-04 |
| 445 | ALL | 503972 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.52E-04 |
| 446 | ALL | 504022 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-04 |
| 447 | ALL | 504072 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-04 |
| 448 | ALL | 504122 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-04 |
| 449 | ALL | 504172 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-04 |
| 450 | ALL | 504222 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-04 |
| 451 | ALL | 504272 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-04 |
| 452 | ALL | 504322 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |
| 453 | ALL | 504372 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-04 |
| 454 | ALL | 504422 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 455 | ALL | 504472 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 456 | ALL | 504522 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 457 | ALL | 504572 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 458 | ALL | 504622 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 459 | ALL | 504672 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 460 | ALL | 504722 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 461 | ALL | 502722 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 462 | ALL | 502772 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 463 | ALL | 502822 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 464 | ALL | 502872 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 465 | ALL | 502922 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 466 | ALL | 502972 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 467 | ALL | 503022 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 |
| 468 | ALL | 503072 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 469 | ALL | 503122 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 |
| 470 | ALL | 503172 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 471 | ALL | 503222 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 472 | ALL | 503272 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 473 | ALL | 503922 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-04 |
| 474 | ALL | 503972 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-04 |
| 475 | ALL | 504022 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-04 |
| 476 | ALL | 504072 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-04 |
| 477 | ALL | 504122 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-04 |
| 478 | ALL | 504172 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-04 |
| 479 | ALL | 504222 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-04 |
| 480 | ALL | 504272 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-04 |
| 481 | ALL | 504322 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-04 |
| 482 | ALL | 504372 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-04 |
| 483 | ALL | 504422 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-04 |
| 484 | ALL | 504472 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 485 | ALL | 504522 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 |
| 486 | ALL | 504572 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 |
| 487 | ALL | 504622 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 488 | ALL | 504672 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 489 | ALL | 504722 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 490 | ALL | 502722 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 491 | ALL | 502772 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 492 | ALL | 502822 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 493 | ALL | 502872 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 494 | ALL | 502922 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 495 | ALL | 502972 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 496 | ALL | 503022 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 497 | ALL | 503072 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 498 | ALL | 503122 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 |
| 499 | ALL | 503172 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 500 | ALL | 503222 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 501 | ALL | 503272 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 502 | ALL | 503972 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-03 |
| 503 | ALL | 504022 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-03 |
| 504 | ALL | 504072 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-04 |
| 505 | ALL | 504122 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-04 |
| 506 | ALL | 504172 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-04 |
| 507 | ALL | 504222 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-04 |
| 508 | ALL | 504272 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-04 |
| 509 | ALL | 504322 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-04 |
| 510 | ALL | 504372 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 |
| 511 | ALL | 504422 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 512 | ALL | 504472 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 513 | ALL | 504522 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 514 | ALL | 504572 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 515 | ALL | 504622 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 516 | ALL | 504672 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 517 | ALL | 504722 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 518 | ALL | 502722 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 519 | ALL | 502772 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 520 | ALL | 502822 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 521 | ALL | 502872 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 522 | ALL | 502922 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 523 | ALL | 502972 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 |
| 524 | ALL | 503022 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 525 | ALL | 503072 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 |
| 526 | ALL | 503122 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 527 | ALL | 503172 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 528 | ALL | 503222 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 529 | ALL | 503272 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 |
| 530 | ALL | 504072 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-03 |
| 531 | ALL | 504122 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-03 |
| 532 | ALL | 504172 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-04 |
| 533 | ALL | 504222 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-04 |
| 534 | ALL | 504272 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-04 |
| 535 | ALL | 504322 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-04 |
| 536 | ALL | 504372 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 |
| 537 | ALL | 504422 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 538 | ALL | 504472 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 539 | ALL | 504522 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 540 | ALL | 504572 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 541 | ALL | 504622 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 542 | ALL | 504672 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 543 | ALL | 504722 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 544 | ALL | 502722 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 545 | ALL | 502772 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 546 | ALL | 502822 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 547 | ALL | 502872 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 548 | ALL | 502922 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 549 | ALL | 502972 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 550 | ALL | 503022 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 |
| 551 | ALL | 503072 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 |
| 552 | ALL | 503122 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 553 | ALL | 503172 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 554 | ALL | 503222 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 555 | ALL | 503272 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 |
| 556 | ALL | 504122 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-03 |
| 557 | ALL | 504172 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-03 |
| 558 | ALL | 504222 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-04 |
| 559 | ALL | 504272 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-04 |
| 560 | ALL | 504322 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-04 |
| 561 | ALL | 504372 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-04 |
| 562 | ALL | 504422 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 563 | ALL | 504472 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 |
| 564 | ALL | 504522 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 |
| 565 | ALL | 504572 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 566 | ALL | 504622 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 567 | ALL | 504672 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 568 | ALL | 504722 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 569 | ALL | 502722 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 570 | ALL | 502772 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 571 | ALL | 502822 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 572 | ALL | 502872 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 573 | ALL | 502972 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 574 | ALL | 503022 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 |
| 575 | ALL | 503072 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 |
| 576 | ALL | 503122 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 577 | ALL | 503172 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 578 | ALL | 503222 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 579 | ALL | 503272 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-04 |
| 580 | ALL | 504172 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-03 |
| 581 | ALL | 504222 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-04 |
| 582 | ALL | 504272 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-04 |
| 583 | ALL | 504322 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-04 |
| 584 | ALL | 504372 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 |
| 585 | ALL | 504422 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-04 |
| 586 | ALL | 504472 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 587 | ALL | 504522 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |
| 588 | ALL | 504572 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 589 | ALL | 504622 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 590 | ALL | 504672 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 591 | ALL | 504722 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 592 | ALL | 502722 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 593 | ALL | 502772 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 594 | ALL | 502822 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 595 | ALL | 503022 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 |
| 596 | ALL | 503072 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 |
| 597 | ALL | 503122 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 598 | ALL | 503172 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 599 | ALL | 503222 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 600 | ALL | 503272 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-04 |
| 601 | ALL | 504222 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-04 |
| 602 | ALL | 504272 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-04 |
| 603 | ALL | 504322 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-04 |
| 604 | ALL | 504372 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 605 | ALL | 504422 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 606 | ALL | 504472 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 |
| 607 | ALL | 504522 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 608 | ALL | 504572 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 609 | ALL | 504622 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 610 | ALL | 504672 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 611 | ALL | 504722 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 612 | ALL | 502722 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 613 | ALL | 502772 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 614 | ALL | 502822 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 615 | ALL | 504272 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.54E-04 |
| 616 | ALL | 504322 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-04 |
| 617 | ALL | 504372 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 618 | ALL | 504422 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 619 | ALL | 504472 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 620 | ALL | 504522 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 621 | ALL | 504572 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 622 | ALL | 504622 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 623 | ALL | 504672 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 624 | ALL | 504722 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 625 | ALL | 502722 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 626 | ALL | 502772 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 627 | ALL | 502822 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 628 | ALL | 504322 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-04 |
| 629 | ALL | 504372 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-04 |
| 630 | ALL | 504422 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 |
| 631 | ALL | 504472 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 632 | ALL | 504522 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 633 | ALL | 504572 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 634 | ALL | 504622 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 635 | ALL | 504672 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 636 | ALL | 504722 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 637 | ALL | 502722 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 638 | ALL | 502772 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 639 | ALL | 504372 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-04 |
| 640 | ALL | 504422 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-04 |
| 641 | ALL | 504472 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 642 | ALL | 504522 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 643 | ALL | 504572 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 644 | ALL | 504622 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 |
| 645 | ALL | 504672 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 646 | ALL | 504722 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 647 | ALL | 502722 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 648 | ALL | 502772 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 649 | ALL | 504422 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 |
| 650 | ALL | 504472 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 651 | ALL | 504522 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-04 |
| 652 | ALL | 504572 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 653 | ALL | 504622 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 |
| 654 | ALL | 504672 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 655 | ALL | 504722 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 656 | ALL | 502722 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 657 | ALL | 502772 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 658 | ALL | 502822 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 659 | ALL | 502872 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 660 | ALL | 502922 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 661 | ALL | 502972 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 662 | ALL | 503022 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 663 | ALL | 503072 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 |
| 664 | ALL | 503122 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 665 | ALL | 504472 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 666 | ALL | 504522 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 667 | ALL | 504572 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 668 | ALL | 504622 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 |
| 669 | ALL | 504672 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 670 | ALL | 504722 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 671 | ALL | 502722 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 672 | ALL | 502772 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 673 | ALL | 502822 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 674 | ALL | 502872 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 675 | ALL | 502922 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 676 | ALL | 502972 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 677 | ALL | 503022 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 |
| 678 | ALL | 503072 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 |
| 679 | ALL | 503122 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 680 | ALL | 503172 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 681 | ALL | 503222 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 682 | ALL | 503272 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-04 |
| 683 | ALL | 503322 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-04 |
| 684 | ALL | 503372 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-04 |
| 685 | ALL | 503422 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-04 |
| 686 | ALL | 503472 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-04 |
| 687 | ALL | 503522 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-03 |
| 688 | ALL | 504522 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 689 | ALL | 504572 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 |
| 690 | ALL | 504622 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 |
| 691 | ALL | 504672 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-04 |
| 692 | ALL | 504722 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 693 | ALL | 502722 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 694 | ALL | 502772 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 695 | ALL | 502822 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 696 | ALL | 502872 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 697 | ALL | 502922 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 698 | ALL | 502972 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |
| 699 | ALL | 503022 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 700 | ALL | 503072 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 701 | ALL | 503122 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 702 | ALL | 503172 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 703 | ALL | 503222 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-04 |
| 704 | ALL | 503272 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-04 |
| 705 | ALL | 503322 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |
| 706 | ALL | 503372 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-04 |
| 707 | ALL | 503422 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-04 |
| 708 | ALL | 503472 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-04 |
| 709 | ALL | 503522 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-04 |
| 710 | ALL | 503572 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-03 |
| 711 | ALL | 503622 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-03 |
| 712 | ALL | 504572 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 713 | ALL | 504622 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 |
| 714 | ALL | 504672 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 |
| 715 | ALL | 504722 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 716 | ALL | 502722 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 717 | ALL | 502772 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 718 | ALL | 502822 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 719 | ALL | 502872 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 720 | ALL | 502922 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 721 | ALL | 502972 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 722 | ALL | 503022 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 723 | ALL | 503072 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 |
| 724 | ALL | 503122 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 |
| 725 | ALL | 503172 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 726 | ALL | 503222 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 727 | ALL | 503272 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 728 | ALL | 503322 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 |
| 729 | ALL | 503372 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-04 |
| 730 | ALL | 503422 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-04 |
| 731 | ALL | 503472 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-04 |
| 732 | ALL | 503522 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-04 |
| 733 | ALL | 503572 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.39E-04 |
| 734 | ALL | 503622 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-04 |
| 735 | ALL | 503672 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-03 |
| 736 | ALL | 503722 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-03 |
| 737 | ALL | 503772 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-03 |
| 738 | ALL | 503822 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-03 |
| 739 | ALL | 504622 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 740 | ALL | 504672 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 741 | ALL | 504722 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 742 | ALL | 502722 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 743 | ALL | 502772 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 744 | ALL | 502822 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 745 | ALL | 502872 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 746 | ALL | 502922 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 747 | ALL | 502972 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 748 | ALL | 503022 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 749 | ALL | 503072 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 |
| 750 | ALL | 503122 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 751 | ALL | 503172 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 752 | ALL | 503222 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-04 |
| 753 | ALL | 503272 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-04 |
| 754 | ALL | 503322 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 755 | ALL | 503372 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-04 |
| 756 | ALL | 503422 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-04 |
| 757 | ALL | 503472 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-04 |
| 758 | ALL | 503522 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-04 |
| 759 | ALL | 503572 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-04 |
| 760 | ALL | 503622 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-04 |
| 761 | ALL | 503672 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-04 |
| 762 | ALL | 503722 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-04 |
| 763 | ALL | 503772 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-04 |
| 764 | ALL | 503822 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-04 |
| 765 | ALL | 503872 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-04 |
| 766 | ALL | 503922 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-04 |
| 767 | ALL | 504672 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 768 | ALL | 504722 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 769 | ALL | 502722 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 770 | ALL | 502772 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 771 | ALL | 502822 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 772 | ALL | 502872 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 773 | ALL | 502922 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 774 | ALL | 502972 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 775 | ALL | 503022 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 776 | ALL | 503072 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 777 | ALL | 503122 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 |
| 778 | ALL | 503172 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 |
| 779 | ALL | 503222 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 780 | ALL | 503272 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 781 | ALL | 503322 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 782 | ALL | 503372 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 |
| 783 | ALL | 503422 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 784 | ALL | 503472 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-04 |
| 785 | ALL | 503522 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 |
| 786 | ALL | 503572 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-04 |
| 787 | ALL | 503622 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-04 |
| 788 | ALL | 503672 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-04 |
| 789 | ALL | 503722 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-04 |
| 790 | ALL | 503772 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-04 |
| 791 | ALL | 503822 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-04 |
| 792 | ALL | 503872 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-04 |
| 793 | ALL | 503922 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-04 |
| 794 | ALL | 504722 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 795 | ALL | 502722 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 796 | ALL | 502772 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 797 | ALL | 502822 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 798 | ALL | 502872 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 799 | ALL | 502922 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 800 | ALL | 502972 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 801 | ALL | 503022 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 802 | ALL | 503072 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 |
| 803 | ALL | 503122 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 |
| 804 | ALL | 503172 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 805 | ALL | 503222 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 |
| 806 | ALL | 503272 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 807 | ALL | 503322 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 808 | ALL | 503372 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 809 | ALL | 503422 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 810 | ALL | 503472 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 |
| 811 | ALL | 503522 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 812 | ALL | 503572 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-04 |
| 813 | ALL | 503622 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-04 |
| 814 | ALL | 503672 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-04 |
| 815 | ALL | 503722 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 |
| 816 | ALL | 503772 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-04 |
| 817 | ALL | 503822 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-04 |
| 818 | ALL | 503872 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-04 |
| 819 | ALL | 502722 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 820 | ALL | 502772 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 821 | ALL | 502822 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 822 | ALL | 502872 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 823 | ALL | 502922 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 824 | ALL | 502972 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 825 | ALL | 503022 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 826 | ALL | 503072 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 827 | ALL | 503122 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 828 | ALL | 503172 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 829 | ALL | 503222 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 830 | ALL | 503272 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 831 | ALL | 503322 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 832 | ALL | 503372 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 833 | ALL | 503422 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-04 |
| 834 | ALL | 503472 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 835 | ALL | 503522 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-04 |
| 836 | ALL | 503572 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-04 |
| 837 | ALL | 503622 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-04 |
| 838 | ALL | 503672 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 |
| 839 | ALL | 503722 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-04 |
| 840 | ALL | 503772 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 |
| 841 | ALL | 503822 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-04 |
| 842 | ALL | 503872 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 |
| 843 | ALL | 502722 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 844 | ALL | 502772 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 845 | ALL | 502822 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 846 | ALL | 502872 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 847 | ALL | 502922 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 848 | ALL | 502972 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 849 | ALL | 503022 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 850 | ALL | 503072 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 851 | ALL | 503122 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 852 | ALL | 503172 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 853 | ALL | 503222 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 |
| 854 | ALL | 503272 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.58E-04 |
| 855 | ALL | 503322 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 |
| 856 | ALL | 503372 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 857 | ALL | 503422 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 858 | ALL | 503472 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 859 | ALL | 503522 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-04 |
| 860 | ALL | 503572 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 861 | ALL | 503622 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 862 | ALL | 503672 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 863 | ALL | 503722 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-04 |
| 864 | ALL | 503772 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-04 |
| 865 | ALL | 503822 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 |
| 866 | ALL | 504372 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 |
| 867 | ALL | 502722 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 868 | ALL | 502772 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 869 | ALL | 502822 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 870 | ALL | 502872 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 871 | ALL | 502922 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 872 | ALL | 502972 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 873 | ALL | 503022 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 874 | ALL | 503072 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 875 | ALL | 503122 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 876 | ALL | 503172 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 877 | ALL | 503222 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 878 | ALL | 503272 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 |
| 879 | ALL | 503322 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 |
| 880 | ALL | 503372 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 881 | ALL | 503422 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 882 | ALL | 503472 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 883 | ALL | 503522 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 884 | ALL | 503572 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 885 | ALL | 503622 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 886 | ALL | 503672 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 887 | ALL | 503722 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 888 | ALL | 503772 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-04 |
| 889 | ALL | 503822 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 890 | ALL | 504372 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 |
| 891 | ALL | 504422 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 |
| 892 | ALL | 504472 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 893 | ALL | 504522 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 894 | ALL | 502722 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 895 | ALL | 502772 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 896 | ALL | 502822 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 897 | ALL | 502872 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 898 | ALL | 502922 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 899 | ALL | 502972 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 900 | ALL | 503022 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 901 | ALL | 503072 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 902 | ALL | 503122 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 903 | ALL | 503172 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 904 | ALL | 503222 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 905 | ALL | 503272 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 906 | ALL | 503322 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| 907 | ALL | 503372 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 |
| 908 | ALL | 503422 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 |
| 909 | ALL | 503472 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 |
| 910 | ALL | 503522 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 911 | ALL | 503572 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 912 | ALL | 503622 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-04 |
| 913 | ALL | 503672 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 914 | ALL | 503722 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 915 | ALL | 503772 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 916 | ALL | 503822 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 917 | ALL | 504372 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 918 | ALL | 504422 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 |
| 919 | ALL | 504472 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 920 | ALL | 504522 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 921 | ALL | 504572 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 922 | ALL | 502722 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 923 | ALL | 502772 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 924 | ALL | 502822 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 925 | ALL | 502872 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 926 | ALL | 502922 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 927 | ALL | 502972 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 928 | ALL | 503022 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 929 | ALL | 503072 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 930 | ALL | 503122 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 931 | ALL | 503172 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 932 | ALL | 503222 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 933 | ALL | 503272 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 |
| 934 | ALL | 503322 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 935 | ALL | 503372 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 936 | ALL | 503422 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 |
| 937 | ALL | 503472 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 |
| 938 | ALL | 503522 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.58E-04 |
| 939 | ALL | 503572 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 940 | ALL | 503622 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 |
| 941 | ALL | 503672 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 942 | ALL | 503722 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-04 |
| 943 | ALL | 503772 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 944 | ALL | 503822 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 945 | ALL | 504372 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 946 | ALL | 504422 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 947 | ALL | 504472 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 948 | ALL | 504522 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 949 | ALL | 504572 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 950 | ALL | 504622 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 951 | ALL | 502722 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 952 | ALL | 502772 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 953 | ALL | 502822 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 954 | ALL | 502872 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 955 | ALL | 502922 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 956 | ALL | 502972 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 957 | ALL | 503022 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 958 | ALL | 503072 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 959 | ALL | 503122 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 960 | ALL | 503172 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 961 | ALL | 503222 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 962 | ALL | 503272 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 963 | ALL | 503322 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 964 | ALL | 503372 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 965 | ALL | 503422 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 966 | ALL | 503472 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 967 | ALL | 503522 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 968 | ALL | 503572 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 |
| 969 | ALL | 503622 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 970 | ALL | 503672 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 971 | ALL | 504372 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 972 | ALL | 504422 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 973 | ALL | 504472 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 974 | ALL | 504522 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 975 | ALL | 504572 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 976 | ALL | 504622 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 977 | ALL | 502722 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 978 | ALL | 502772 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 979 | ALL | 502822 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 980 | ALL | 502872 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 981 | ALL | 502922 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 982 | ALL | 502972 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 983 | ALL | 503022 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 984 | ALL | 503072 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 985 | ALL | 503122 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 986 | ALL | 503172 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 987 | ALL | 503222 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 988 | ALL | 503272 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 989 | ALL | 503322 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 990 | ALL | 503372 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 991 | ALL | 503422 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 992 | ALL | 503472 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 993 | ALL | 503522 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 |
| 994 | ALL | 503572 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 995 | ALL | 503622 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 996 | ALL | 504372 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 997 | ALL | 504422 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 998 | ALL | 504472 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 999 | ALL | 504522 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1000 | ALL | 504572 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 1001 | ALL | 504622 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1002 | ALL | 504672 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1003 | ALL | 502722 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.68E-05 |
| 1004 | ALL | 502772 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1005 | ALL | 502822 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1006 | ALL | 502872 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1007 | ALL | 502922 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1008 | ALL | 502972 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1009 | ALL | 503022 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1010 | ALL | 503072 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1011 | ALL | 503122 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 1012 | ALL | 503172 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1013 | ALL | 503222 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1014 | ALL | 503272 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1015 | ALL | 503322 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 1016 | ALL | 503372 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 1017 | ALL | 503422 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 1018 | ALL | 503472 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 1019 | ALL | 503522 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 1020 | ALL | 503572 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 |
| 1021 | ALL | 503622 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 1022 | ALL | 504372 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 1023 | ALL | 504422 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 1024 | ALL | 504472 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1025 | ALL | 504522 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1026 | ALL | 504572 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 1027 | ALL | 504622 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1028 | ALL | 504672 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1029 | ALL | 504722 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1030 | ALL | 502722 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 1031 | ALL | 502772 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 |
| 1032 | ALL | 502822 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 |
| 1033 | ALL | 502872 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1034 | ALL | 502922 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1035 | ALL | 502972 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1036 | ALL | 503022 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1037 | ALL | 503072 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1038 | ALL | 503122 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1039 | ALL | 503172 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1040 | ALL | 503222 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 1041 | ALL | 503272 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 1042 | ALL | 503322 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 1043 | ALL | 503372 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1044 | ALL | 503422 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 1045 | ALL | 503472 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 1046 | ALL | 503522 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 1047 | ALL | 503572 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 1048 | ALL | 503622 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 1049 | ALL | 503672 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 1050 | ALL | 503722 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 1051 | ALL | 504372 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 1052 | ALL | 504422 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 1053 | ALL | 504472 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1054 | ALL | 504522 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1055 | ALL | 504572 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1056 | ALL | 504622 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1057 | ALL | 504672 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1058 | ALL | 504722 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1059 | ALL | 502722 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 |
| 1060 | ALL | 502772 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 |
| 1061 | ALL | 502822 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 |
| 1062 | ALL | 502872 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 |
| 1063 | ALL | 502922 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1064 | ALL | 502972 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1065 | ALL | 503022 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1066 | ALL | 503072 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1067 | ALL | 503122 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1068 | ALL | 503172 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1069 | ALL | 503222 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1070 | ALL | 503272 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 1071 | ALL | 503322 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 1072 | ALL | 503372 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 1073 | ALL | 503422 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 1074 | ALL | 503472 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 1075 | ALL | 503522 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1076 | ALL | 503572 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 1077 | ALL | 503622 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 1078 | ALL | 503672 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1079 | ALL | 503722 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 1080 | ALL | 503772 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 1081 | ALL | 503822 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 1082 | ALL | 504372 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1083 | ALL | 504422 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1084 | ALL | 504472 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1085 | ALL | 504522 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1086 | ALL | 504572 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1087 | ALL | 504622 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1088 | ALL | 504672 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1089 | ALL | 504722 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1090 | ALL | 502722 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 |
| 1091 | ALL | 502772 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 |
| 1092 | ALL | 502822 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 |
| 1093 | ALL | 502872 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 |
| 1094 | ALL | 502922 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.97E-05 |
| 1095 | ALL | 502972 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1096 | ALL | 503022 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1097 | ALL | 503072 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1098 | ALL | 503122 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1099 | ALL | 503172 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1100 | ALL | 503222 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1101 | ALL | 503272 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1102 | ALL | 503322 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 1103 | ALL | 503372 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1104 | ALL | 503422 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1105 | ALL | 503472 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1106 | ALL | 503522 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 1107 | ALL | 503572 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1108 | ALL | 503622 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1109 | ALL | 503672 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 1110 | ALL | 503722 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1111 | ALL | 503772 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 1112 | ALL | 503822 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 1113 | ALL | 503872 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 1114 | ALL | 503922 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 1115 | ALL | 504372 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1116 | ALL | 504422 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1117 | ALL | 504472 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1118 | ALL | 504522 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1119 | ALL | 504572 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1120 | ALL | 504622 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1121 | ALL | 504672 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1122 | ALL | 504722 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1123 | ALL | 502222 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 1124 | ALL | 502272 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1125 | ALL | 502322 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 1126 | ALL | 502372 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1127 | ALL | 502422 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1128 | ALL | 502472 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 1129 | ALL | 502522 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 1130 | ALL | 502572 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 1131 | ALL | 502622 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 1132 | ALL | 502672 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1133 | ALL | 502722 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 |
| 1134 | ALL | 502772 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 1135 | ALL | 502822 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 |
| 1136 | ALL | 502872 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 1137 | ALL | 502922 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 |
| 1138 | ALL | 502972 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1139 | ALL | 503022 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1140 | ALL | 503072 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 1141 | ALL | 503122 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 1142 | ALL | 503172 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 1143 | ALL | 503222 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 1144 | ALL | 503272 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |
| 1145 | ALL | 503322 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |
| 1146 | ALL | 503372 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 1147 | ALL | 503422 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 1148 | ALL | 503472 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 1149 | ALL | 503622 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 1150 | ALL | 503672 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1151 | ALL | 503722 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-05 |
| 1152 | ALL | 503772 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 1153 | ALL | 503822 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1154 | ALL | 503872 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 1155 | ALL | 503922 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1156 | ALL | 503972 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 1157 | ALL | 504022 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1158 | ALL | 504072 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1159 | ALL | 504122 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1160 | ALL | 504172 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1161 | ALL | 504222 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1162 | ALL | 504272 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1163 | ALL | 504322 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1164 | ALL | 504372 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 1165 | ALL | 504422 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1166 | ALL | 504472 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-05 |
| 1167 | ALL | 504522 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1168 | ALL | 504572 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1169 | ALL | 504622 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 1170 | ALL | 504672 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 1171 | ALL | 504722 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 1172 | ALL | 504772 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-05 |
| 1173 | ALL | 504822 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 1174 | ALL | 504872 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 1175 | ALL | 504922 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1176 | ALL | 504972 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 1177 | ALL | 505022 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1178 | ALL | 505072 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-05 |
| 1179 | ALL | 505122 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 1180 | ALL | 505172 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 1181 | ALL | 505222 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1182 | ALL | 502222 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 1183 | ALL | 502272 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 1184 | ALL | 502322 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1185 | ALL | 502372 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 1186 | ALL | 502422 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1187 | ALL | 502472 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1188 | ALL | 502522 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 1189 | ALL | 502572 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 1190 | ALL | 502622 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 1191 | ALL | 502672 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 |
| 1192 | ALL | 502722 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 1193 | ALL | 502772 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 1194 | ALL | 502822 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 1195 | ALL | 502872 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 1196 | ALL | 502922 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 1197 | ALL | 502972 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 1198 | ALL | 503022 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 1199 | ALL | 503072 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1200 | ALL | 503122 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 |
| 1201 | ALL | 503172 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 1202 | ALL | 503222 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 |
| 1203 | ALL | 503272 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 |
| 1204 | ALL | 503322 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 1205 | ALL | 503372 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 1206 | ALL | 503422 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 1207 | ALL | 503472 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 |
| 1208 | ALL | 503622 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 1209 | ALL | 503672 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 1210 | ALL | 503722 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 1211 | ALL | 503772 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 1212 | ALL | 503822 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 1213 | ALL | 503872 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1214 | ALL | 503922 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1215 | ALL | 503972 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1216 | ALL | 504022 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1217 | ALL | 504072 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1218 | ALL | 504122 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1219 | ALL | 504172 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 1220 | ALL | 504222 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 1221 | ALL | 504272 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 1222 | ALL | 504322 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 1223 | ALL | 504372 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 1224 | ALL | 504422 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1225 | ALL | 504472 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1226 | ALL | 504522 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |
| 1227 | ALL | 504572 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 1228 | ALL | 504622 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 1229 | ALL | 504672 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 1230 | ALL | 504722 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 1231 | ALL | 504772 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 1232 | ALL | 504822 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 1233 | ALL | 504872 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 1234 | ALL | 504922 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1235 | ALL | 504972 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1236 | ALL | 505022 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 1237 | ALL | 505072 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 1238 | ALL | 505122 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 1239 | ALL | 505172 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 1240 | ALL | 505222 | 3633026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1241 | ALL | 502222 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 |
| 1242 | ALL | 502272 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 1243 | ALL | 502322 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1244 | ALL | 502372 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 1245 | ALL | 502422 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |
| 1246 | ALL | 502472 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 1247 | ALL | 502522 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 1248 | ALL | 502572 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 1249 | ALL | 502622 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |
| 1250 | ALL | 502672 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 1251 | ALL | 502722 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 1252 | ALL | 502772 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 1253 | ALL | 502822 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 |
| 1254 | ALL | 502872 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 1255 | ALL | 502922 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 1256 | ALL | 502972 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 |
| 1257 | ALL | 503022 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 1258 | ALL | 503072 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 1259 | ALL | 503122 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 |
| 1260 | ALL | 503172 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 1261 | ALL | 503222 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 |
| 1262 | ALL | 503272 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 |
| 1263 | ALL | 503322 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-05 |
| 1264 | ALL | 503372 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 1265 | ALL | 503422 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 |
| 1266 | ALL | 503472 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 1267 | ALL | 503622 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 1268 | ALL | 503672 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 1269 | ALL | 503722 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 1270 | ALL | 503772 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 |
| 1271 | ALL | 503822 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 1272 | ALL | 503872 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1273 | ALL | 503922 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 1274 | ALL | 503972 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1275 | ALL | 504022 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1276 | ALL | 504072 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1277 | ALL | 504122 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 1278 | ALL | 504172 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 1279 | ALL | 504222 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1280 | ALL | 504272 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1281 | ALL | 504322 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1282 | ALL | 504372 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 1283 | ALL | 504422 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1284 | ALL | 504472 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1285 | ALL | 504522 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 1286 | ALL | 504572 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 1287 | ALL | 504622 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 1288 | ALL | 504672 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 1289 | ALL | 504722 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 1290 | ALL | 504772 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 1291 | ALL | 504822 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 1292 | ALL | 504872 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 1293 | ALL | 504922 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 1294 | ALL | 504972 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1295 | ALL | 505022 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1296 | ALL | 505072 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1297 | ALL | 505122 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 1298 | ALL | 505172 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 1299 | ALL | 505222 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 1300 | ALL | 502222 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 |
| 1301 | ALL | 502272 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 1302 | ALL | 502322 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 1303 | ALL | 502372 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1304 | ALL | 502422 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 1305 | ALL | 502472 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 1306 | ALL | 502522 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 1307 | ALL | 502572 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 |
| 1308 | ALL | 502622 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 1309 | ALL | 502672 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 |
| 1310 | ALL | 502722 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 1311 | ALL | 502772 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 1312 | ALL | 502822 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 |
| 1313 | ALL | 502872 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 |
| 1314 | ALL | 502922 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 1315 | ALL | 502972 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 |
| 1316 | ALL | 503022 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 1317 | ALL | 503072 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 1318 | ALL | 503122 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 |
| 1319 | ALL | 503172 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 |
| 1320 | ALL | 503222 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 |
| 1321 | ALL | 503272 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 1322 | ALL | 503322 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 |
| 1323 | ALL | 503372 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 1324 | ALL | 503422 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 1325 | ALL | 503472 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 1326 | ALL | 503622 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-05 |
| 1327 | ALL | 503672 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1328 | ALL | 503722 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 |
| 1329 | ALL | 503772 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 1330 | ALL | 503822 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 1331 | ALL | 503872 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 1332 | ALL | 503922 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 1333 | ALL | 503972 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 1334 | ALL | 504022 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 1335 | ALL | 504072 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 1336 | ALL | 504122 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 1337 | ALL | 504172 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1338 | ALL | 504222 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 1339 | ALL | 504272 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 1340 | ALL | 504322 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 1341 | ALL | 504372 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-05 |
| 1342 | ALL | 504422 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 1343 | ALL | 504472 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1344 | ALL | 504522 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-05 |
| 1345 | ALL | 504572 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.86E-05 |
| 1346 | ALL | 504622 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 1347 | ALL | 504672 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 1348 | ALL | 504722 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1349 | ALL | 504772 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 1350 | ALL | 504822 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 1351 | ALL | 504872 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 1352 | ALL | 504922 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 1353 | ALL | 504972 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 1354 | ALL | 505022 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1355 | ALL | 505072 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 1356 | ALL | 505122 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 1357 | ALL | 505172 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 1358 | ALL | 505222 | 3633126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 1359 | ALL | 502222 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1360 | ALL | 502272 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 |
| 1361 | ALL | 502322 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 1362 | ALL | 502372 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 1363 | ALL | 502422 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 1364 | ALL | 502472 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 1365 | ALL | 502522 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 |
| 1366 | ALL | 502572 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 |
| 1367 | ALL | 502622 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 1368 | ALL | 502672 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 1369 | ALL | 502722 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 1370 | ALL | 502772 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 |
| 1371 | ALL | 502822 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 1372 | ALL | 502872 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 |
| 1373 | ALL | 502922 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 1374 | ALL | 502972 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 1375 | ALL | 503022 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 |
| 1376 | ALL | 503072 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 1377 | ALL | 503122 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 |
| 1378 | ALL | 503172 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 |
| 1379 | ALL | 503222 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 1380 | ALL | 503272 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 |
| 1381 | ALL | 503322 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 |
| 1382 | ALL | 503372 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 1383 | ALL | 503422 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 |
| 1384 | ALL | 503472 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 |
| 1385 | ALL | 503622 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 |
| 1386 | ALL | 503672 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 1387 | ALL | 503722 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 1388 | ALL | 503772 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 1389 | ALL | 503822 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 1390 | ALL | 503872 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 1391 | ALL | 503922 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 1392 | ALL | 503972 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 1393 | ALL | 504022 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 1394 | ALL | 504072 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 1395 | ALL | 504122 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 1396 | ALL | 504172 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 1397 | ALL | 504222 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 1398 | ALL | 504272 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 1399 | ALL | 504322 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 1400 | ALL | 504372 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 1401 | ALL | 504422 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 1402 | ALL | 504472 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1403 | ALL | 504522 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 1404 | ALL | 504572 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 1405 | ALL | 504622 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 1406 | ALL | 504672 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 1407 | ALL | 504722 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 1408 | ALL | 504772 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 1409 | ALL | 504822 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 1410 | ALL | 504872 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 1411 | ALL | 504922 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 |
| 1412 | ALL | 504972 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 1413 | ALL | 505022 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 1414 | ALL | 505072 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 1415 | ALL | 505122 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 1416 | ALL | 505172 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 1417 | ALL | 505222 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 1418 | ALL | 502222 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 1419 | ALL | 502272 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 |
| 1420 | ALL | 502322 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 1421 | ALL | 502372 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 1422 | ALL | 502422 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 1423 | ALL | 502472 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 |
| 1424 | ALL | 502522 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 |
| 1425 | ALL | 502572 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 1426 | ALL | 502622 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 |
| 1427 | ALL | 502672 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 1428 | ALL | 502722 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-05 |
| 1429 | ALL | 502772 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 1430 | ALL | 502822 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 |
| 1431 | ALL | 502872 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 |
| 1432 | ALL | 502922 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 |
| 1433 | ALL | 502972 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 |
| 1434 | ALL | 503022 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 |
| 1435 | ALL | 503072 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 |
| 1436 | ALL | 503122 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 1437 | ALL | 503172 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 1438 | ALL | 503222 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 |
| 1439 | ALL | 503272 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 |
| 1440 | ALL | 503322 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1441 | ALL | 503372 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 1442 | ALL | 503422 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 |
| 1443 | ALL | 503472 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 |
| 1444 | ALL | 503622 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 |
| 1445 | ALL | 503672 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 1446 | ALL | 503722 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 1447 | ALL | 503772 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1448 | ALL | 503822 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 1449 | ALL | 503872 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 1450 | ALL | 503922 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 1451 | ALL | 503972 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 1452 | ALL | 504022 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1453 | ALL | 504072 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1454 | ALL | 504122 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 |
| 1455 | ALL | 504172 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1456 | ALL | 504222 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1457 | ALL | 504272 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 1458 | ALL | 504322 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 1459 | ALL | 504372 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 1460 | ALL | 504422 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1461 | ALL | 504472 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 1462 | ALL | 504522 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-05 |
| 1463 | ALL | 504572 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 |
| 1464 | ALL | 504622 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1465 | ALL | 504672 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 1466 | ALL | 504722 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1467 | ALL | 504772 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 1468 | ALL | 504822 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 |
| 1469 | ALL | 504872 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 1470 | ALL | 504922 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |
| 1471 | ALL | 504972 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 1472 | ALL | 505022 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 |
| 1473 | ALL | 505072 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 1474 | ALL | 505122 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1475 | ALL | 505172 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 1476 | ALL | 505222 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 1477 | ALL | 502222 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 1478 | ALL | 502272 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 1479 | ALL | 502322 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 |
| 1480 | ALL | 502372 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 1481 | ALL | 502422 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |
| 1482 | ALL | 502472 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 1483 | ALL | 502522 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 1484 | ALL | 502572 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 |
| 1485 | ALL | 502622 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 |
| 1486 | ALL | 502672 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 1487 | ALL | 502722 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 |
| 1488 | ALL | 502772 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 |
| 1489 | ALL | 502822 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 1490 | ALL | 502872 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 1491 | ALL | 502922 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 1492 | ALL | 502972 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 |
| 1493 | ALL | 503022 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 1494 | ALL | 503072 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 |
| 1495 | ALL | 503122 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 |
| 1496 | ALL | 503172 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 |
| 1497 | ALL | 503222 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 1498 | ALL | 503272 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 |
| 1499 | ALL | 503322 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 |
| 1500 | ALL | 503372 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1501 | ALL | 503422 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 |
| 1502 | ALL | 503472 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 |
| 1503 | ALL | 503622 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 1504 | ALL | 503672 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 1505 | ALL | 503722 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 1506 | ALL | 503772 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 1507 | ALL | 503822 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 1508 | ALL | 503872 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 |
| 1509 | ALL | 503922 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 1510 | ALL | 503972 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1511 | ALL | 504022 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 1512 | ALL | 504072 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 1513 | ALL | 504122 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 1514 | ALL | 504172 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 |
| 1515 | ALL | 504222 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1516 | ALL | 504272 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 1517 | ALL | 504322 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 1518 | ALL | 504372 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 1519 | ALL | 504422 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 1520 | ALL | 504472 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 1521 | ALL | 504522 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 1522 | ALL | 504572 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 1523 | ALL | 504622 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1524 | ALL | 504672 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 1525 | ALL | 504722 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 |
| 1526 | ALL | 504772 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |
| 1527 | ALL | 504822 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1528 | ALL | 504872 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 1529 | ALL | 504922 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 1530 | ALL | 504972 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 1531 | ALL | 505022 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 1532 | ALL | 505072 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 |
| 1533 | ALL | 505122 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 1534 | ALL | 505172 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 1535 | ALL | 505222 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 1536 | ALL | 502222 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 1537 | ALL | 502272 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 |
| 1538 | ALL | 502322 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 1539 | ALL | 502372 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 |
| 1540 | ALL | 502422 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 1541 | ALL | 502472 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 1542 | ALL | 502522 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 |
| 1543 | ALL | 502572 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 1544 | ALL | 502622 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 1545 | ALL | 502672 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 |
| 1546 | ALL | 502722 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 1547 | ALL | 502772 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 |
| 1548 | ALL | 502822 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1549 | ALL | 502872 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 |
| 1550 | ALL | 502922 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 |
| 1551 | ALL | 502972 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 1552 | ALL | 503022 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 |
| 1553 | ALL | 503072 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 1554 | ALL | 503122 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1555 | ALL | 503172 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1556 | ALL | 503222 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1557 | ALL | 503272 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 |
| 1558 | ALL | 503322 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 1559 | ALL | 503372 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 |
| 1560 | ALL | 503422 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 |
| 1561 | ALL | 503472 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 1562 | ALL | 503622 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 1563 | ALL | 503672 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 1564 | ALL | 503722 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1565 | ALL | 503772 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 1566 | ALL | 503822 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 1567 | ALL | 503872 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 1568 | ALL | 503922 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 1569 | ALL | 503972 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 1570 | ALL | 504022 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 1571 | ALL | 504072 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 1572 | ALL | 504122 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 1573 | ALL | 504172 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 1574 | ALL | 504222 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 1575 | ALL | 504272 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1576 | ALL | 504322 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 1577 | ALL | 504372 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 1578 | ALL | 504422 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 1579 | ALL | 504472 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 1580 | ALL | 504522 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 1581 | ALL | 504572 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 |
| 1582 | ALL | 504622 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |
| 1583 | ALL | 504672 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 1584 | ALL | 504722 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 |
| 1585 | ALL | 504772 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-05 |
| 1586 | ALL | 504822 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-05 |
| 1587 | ALL | 504872 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 1588 | ALL | 504922 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 1589 | ALL | 504972 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 1590 | ALL | 505022 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 1591 | ALL | 505072 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 |
| 1592 | ALL | 505122 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 1593 | ALL | 505172 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 1594 | ALL | 505222 | 3633326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 |
| 1595 | ALL | 502222 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 1596 | ALL | 502272 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 1597 | ALL | 502322 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 |
| 1598 | ALL | 502372 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 |
| 1599 | ALL | 502422 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 |
| 1600 | ALL | 502472 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 |
| 1601 | ALL | 502522 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 |
| 1602 | ALL | 502572 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 1603 | ALL | 502622 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 |
| 1604 | ALL | 502672 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 1605 | ALL | 502722 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 |
| 1606 | ALL | 502772 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 1607 | ALL | 502822 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 |
| 1608 | ALL | 502872 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 1609 | ALL | 502922 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 |
| 1610 | ALL | 502972 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 |
| 1611 | ALL | 503022 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 |
| 1612 | ALL | 503072 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1613 | ALL | 503122 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1614 | ALL | 503172 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1615 | ALL | 503222 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1616 | ALL | 503272 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1617 | ALL | 503322 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1618 | ALL | 503372 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.69E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1619 | ALL | 503422 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 1620 | ALL | 503472 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 |
| 1621 | ALL | 503622 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 1622 | ALL | 503672 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 1623 | ALL | 503722 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 1624 | ALL | 503772 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 1625 | ALL | 503822 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 |
| 1626 | ALL | 503872 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 1627 | ALL | 503922 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 |
| 1628 | ALL | 503972 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 1629 | ALL | 504022 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 |
| 1630 | ALL | 504072 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 |
| 1631 | ALL | 504122 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 |
| 1632 | ALL | 504172 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 |
| 1633 | ALL | 504222 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 |
| 1634 | ALL | 504272 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 1635 | ALL | 504322 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 |
| 1636 | ALL | 504372 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 1637 | ALL | 504422 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 |
| 1638 | ALL | 504472 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 1639 | ALL | 504522 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |
| 1640 | ALL | 504572 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 1641 | ALL | 504622 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 |
| 1642 | ALL | 504672 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |
| 1643 | ALL | 504722 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 |
| 1644 | ALL | 504772 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 1645 | ALL | 504822 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 |
| 1646 | ALL | 504872 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 |
| 1647 | ALL | 504922 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 1648 | ALL | 504972 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 1649 | ALL | 505022 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 1650 | ALL | 505072 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 1651 | ALL | 505122 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 1652 | ALL | 505172 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 1653 | ALL | 505222 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 1654 | ALL | 502222 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 1655 | ALL | 502272 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 |
| 1656 | ALL | 502322 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 1657 | ALL | 502372 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 1658 | ALL | 502422 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 1659 | ALL | 502472 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.76E-05 |
| 1660 | ALL | 502522 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 |
| 1661 | ALL | 502572 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 1662 | ALL | 502622 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 |
| 1663 | ALL | 502672 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 |
| 1664 | ALL | 502722 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 |
| 1665 | ALL | 502772 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 |
| 1666 | ALL | 502822 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 1667 | ALL | 502872 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 1668 | ALL | 502922 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 |
| 1669 | ALL | 502972 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1670 | ALL | 503022 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1671 | ALL | 503072 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1672 | ALL | 503122 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1673 | ALL | 503172 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1674 | ALL | 503222 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1675 | ALL | 503272 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1676 | ALL | 503322 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1677 | ALL | 503372 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 |
| 1678 | ALL | 503422 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-05 |
| 1679 | ALL | 503472 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 |
| 1680 | ALL | 503622 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 |
| 1681 | ALL | 503672 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 |
| 1682 | ALL | 503722 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 1683 | ALL | 503772 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 1684 | ALL | 503822 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 1685 | ALL | 503872 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 |
| 1686 | ALL | 503922 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 1687 | ALL | 503972 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 |
| 1688 | ALL | 504022 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 |
| 1689 | ALL | 504072 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 |
| 1690 | ALL | 504122 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 |
| 1691 | ALL | 504172 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 |
| 1692 | ALL | 504222 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 |
| 1693 | ALL | 504272 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 |
| 1694 | ALL | 504322 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 1695 | ALL | 504372 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 |
| 1696 | ALL | 504422 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 1697 | ALL | 504472 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 1698 | ALL | 504522 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 1699 | ALL | 504572 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 1700 | ALL | 504622 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 1701 | ALL | 504672 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 |
| 1702 | ALL | 504722 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 |
| 1703 | ALL | 504772 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 1704 | ALL | 504822 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 1705 | ALL | 504872 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 |
| 1706 | ALL | 504922 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 |
| 1707 | ALL | 504972 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 1708 | ALL | 505022 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 1709 | ALL | 505072 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |
| 1710 | ALL | 505122 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 |
| 1711 | ALL | 505172 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 1712 | ALL | 505222 | 3633426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 1713 | ALL | 502222 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 |
| 1714 | ALL | 502272 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 |
| 1715 | ALL | 502322 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 |
| 1716 | ALL | 502372 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 |
| 1717 | ALL | 502422 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 |
| 1718 | ALL | 502472 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 |
| 1719 | ALL | 502522 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 1720 | ALL | 502572 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 |
| 1721 | ALL | 502622 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 |
| 1722 | ALL | 502672 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 |
| 1723 | ALL | 504772 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.36E-05 |
| 1724 | ALL | 504822 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 |
| 1725 | ALL | 504872 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 1726 | ALL | 504922 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.21E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1727 | ALL | 504972 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.91E-05 |
| 1728 | ALL | 505022 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 |
| 1729 | ALL | 505072 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 1730 | ALL | 505122 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 1731 | ALL | 505172 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 1732 | ALL | 505222 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 1733 | ALL | 502222 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 1734 | ALL | 502272 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 1735 | ALL | 502322 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 |
| 1736 | ALL | 502372 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-05 |
| 1737 | ALL | 502422 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 1738 | ALL | 502472 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 |
| 1739 | ALL | 502522 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 |
| 1740 | ALL | 502572 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 |
| 1741 | ALL | 502622 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.15E-05 |
| 1742 | ALL | 502672 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-05 |
| 1743 | ALL | 504772 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 |
| 1744 | ALL | 504822 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 |
| 1745 | ALL | 504872 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 |
| 1746 | ALL | 504922 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-05 |
| 1747 | ALL | 504972 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 |
| 1748 | ALL | 505022 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 |
| 1749 | ALL | 505072 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 |
| 1750 | ALL | 505122 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 1751 | ALL | 505172 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 |
| 1752 | ALL | 505222 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 |
| 1753 | ALL | 502222 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 |
| 1754 | ALL | 502272 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 1755 | ALL | 502322 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 1756 | ALL | 502372 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 1757 | ALL | 502422 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 1758 | ALL | 502472 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 1759 | ALL | 502522 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-05 |
| 1760 | ALL | 502572 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 |
| 1761 | ALL | 502622 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 1762 | ALL | 502672 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 |
| 1763 | ALL | 504772 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 1764 | ALL | 504822 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 |
| 1765 | ALL | 504872 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 |
| 1766 | ALL | 504922 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 |
| 1767 | ALL | 504972 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 1768 | ALL | 505022 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 |
| 1769 | ALL | 505072 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 |
| 1770 | ALL | 505122 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.91E-05 |
| 1771 | ALL | 505172 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 |
| 1772 | ALL | 505222 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 1773 | ALL | 502222 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 1774 | ALL | 502272 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 |
| 1775 | ALL | 502322 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 |
| 1776 | ALL | 502372 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 |
| 1777 | ALL | 502422 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 1778 | ALL | 502472 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 |
| 1779 | ALL | 502522 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 |
| 1780 | ALL | 502572 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1781 | ALL | 502622 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 |
| 1782 | ALL | 502672 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 1783 | ALL | 504772 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 1784 | ALL | 504822 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 |
| 1785 | ALL | 504872 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 |
| 1786 | ALL | 504922 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 |
| 1787 | ALL | 504972 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 1788 | ALL | 505022 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 |
| 1789 | ALL | 505072 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 |
| 1790 | ALL | 505122 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 |
| 1791 | ALL | 505172 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 |
| 1792 | ALL | 505222 | 3633626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 |
| 1793 | ALL | 502222 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 |
| 1794 | ALL | 502272 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 1795 | ALL | 502322 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 |
| 1796 | ALL | 502372 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-05 |
| 1797 | ALL | 502422 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 1798 | ALL | 502472 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 1799 | ALL | 502522 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 |
| 1800 | ALL | 502572 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 |
| 1801 | ALL | 502622 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 |
| 1802 | ALL | 502672 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.47E-05 |
| 1803 | ALL | 504772 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1804 | ALL | 504822 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1805 | ALL | 504872 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 |
| 1806 | ALL | 504922 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 |
| 1807 | ALL | 504972 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 |
| 1808 | ALL | 505022 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 1809 | ALL | 505072 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 |
| 1810 | ALL | 505122 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 |
| 1811 | ALL | 505172 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-05 |
| 1812 | ALL | 505222 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 |
| 1813 | ALL | 502222 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 |
| 1814 | ALL | 502272 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 |
| 1815 | ALL | 502322 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 |
| 1816 | ALL | 502372 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 |
| 1817 | ALL | 502422 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 |
| 1818 | ALL | 502472 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 |
| 1819 | ALL | 502522 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 |
| 1820 | ALL | 502572 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 1821 | ALL | 502622 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 1822 | ALL | 502672 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 |
| 1823 | ALL | 504772 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1824 | ALL | 504822 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1825 | ALL | 504872 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1826 | ALL | 504922 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1827 | ALL | 504972 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.76E-05 |
| 1828 | ALL | 505022 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.17E-05 |
| 1829 | ALL | 505072 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 |
| 1830 | ALL | 505122 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 |
| 1831 | ALL | 505172 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.52E-05 |
| 1832 | ALL | 505222 | 3633726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 1833 | ALL | 502222 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 1834 | ALL | 502272 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1835 | ALL | 502322 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 |
| 1836 | ALL | 502372 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 |
| 1837 | ALL | 502422 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 |
| 1838 | ALL | 502472 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 |
| 1839 | ALL | 502522 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 |
| 1840 | ALL | 502572 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 |
| 1841 | ALL | 502622 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 1842 | ALL | 502672 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1843 | ALL | 504772 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1844 | ALL | 504822 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1845 | ALL | 504872 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1846 | ALL | 504922 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1847 | ALL | 504972 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1848 | ALL | 505022 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 |
| 1849 | ALL | 505072 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 |
| 1850 | ALL | 505122 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 1851 | ALL | 505172 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 |
| 1852 | ALL | 505222 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 1853 | ALL | 502222 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 |
| 1854 | ALL | 502272 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 1855 | ALL | 502322 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 |
| 1856 | ALL | 502372 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 |
| 1857 | ALL | 502422 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 |
| 1858 | ALL | 502472 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 |
| 1859 | ALL | 502522 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 1860 | ALL | 502572 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 |
| 1861 | ALL | 502622 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 |
| 1862 | ALL | 502672 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1863 | ALL | 504772 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 1864 | ALL | 504822 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1865 | ALL | 504872 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1866 | ALL | 504922 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1867 | ALL | 504972 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.99E-05 |
| 1868 | ALL | 505022 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 1869 | ALL | 505072 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 |
| 1870 | ALL | 505122 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 1871 | ALL | 505172 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 |
| 1872 | ALL | 505222 | 3633826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 |
| 1873 | ALL | 502222 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 |
| 1874 | ALL | 502272 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 |
| 1875 | ALL | 502322 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 |
| 1876 | ALL | 502372 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 1877 | ALL | 502422 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 |
| 1878 | ALL | 502472 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 |
| 1879 | ALL | 502522 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 1880 | ALL | 502572 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 |
| 1881 | ALL | 502622 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1882 | ALL | 502672 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1883 | ALL | 504772 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1884 | ALL | 504822 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1885 | ALL | 504872 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1886 | ALL | 504922 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1887 | ALL | 504972 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 |
| 1888 | ALL | 505022 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1889 | ALL | 505072 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 |
| 1890 | ALL | 505122 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 |
| 1891 | ALL | 505172 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.90E-05 |
| 1892 | ALL | 505222 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 |
| 1893 | ALL | 502222 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 1894 | ALL | 502272 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 |
| 1895 | ALL | 502322 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 1896 | ALL | 502372 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 1897 | ALL | 502422 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 1898 | ALL | 502472 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 |
| 1899 | ALL | 502522 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 1900 | ALL | 502572 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 |
| 1901 | ALL | 502622 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1902 | ALL | 502672 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1903 | ALL | 504772 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 1904 | ALL | 504822 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1905 | ALL | 504872 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1906 | ALL | 504922 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1907 | ALL | 504972 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 |
| 1908 | ALL | 505022 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.35E-05 |
| 1909 | ALL | 505072 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 |
| 1910 | ALL | 505122 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 |
| 1911 | ALL | 505172 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 1912 | ALL | 505222 | 3633926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 1913 | ALL | 502222 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 |
| 1914 | ALL | 502272 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 |
| 1915 | ALL | 502322 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 1916 | ALL | 502372 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 |
| 1917 | ALL | 502422 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 |
| 1918 | ALL | 502472 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.08E-05 |
| 1919 | ALL | 502522 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 |
| 1920 | ALL | 502572 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1921 | ALL | 502622 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1922 | ALL | 502672 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1923 | ALL | 504772 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1924 | ALL | 504822 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1925 | ALL | 504872 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1926 | ALL | 504922 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1927 | ALL | 504972 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1928 | ALL | 505022 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 |
| 1929 | ALL | 505072 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 |
| 1930 | ALL | 505122 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 |
| 1931 | ALL | 505172 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.19E-05 |
| 1932 | ALL | 505222 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 1933 | ALL | 502222 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-05 |
| 1934 | ALL | 502272 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 |
| 1935 | ALL | 502322 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 |
| 1936 | ALL | 502372 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 1937 | ALL | 502422 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 |
| 1938 | ALL | 502472 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-05 |
| 1939 | ALL | 502522 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 |
| 1940 | ALL | 502572 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1941 | ALL | 502622 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1942 | ALL | 502672 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | ALL | 504772 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1944 | ALL | 504822 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 1945 | ALL | 504872 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1946 | ALL | 504922 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1947 | ALL | 504972 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1948 | ALL | 505022 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 1949 | ALL | 505072 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 1950 | ALL | 505122 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 |
| 1951 | ALL | 505172 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 1952 | ALL | 505222 | 3634026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1953 | ALL | 502222 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 |
| 1954 | ALL | 502272 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 1955 | ALL | 502322 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 1956 | ALL | 502372 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 1957 | ALL | 502422 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 |
| 1958 | ALL | 502472 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 |
| 1959 | ALL | 502522 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1960 | ALL | 502572 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1961 | ALL | 502622 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1962 | ALL | 502672 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1963 | ALL | 504772 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 1964 | ALL | 504822 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1965 | ALL | 504872 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1966 | ALL | 504922 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1967 | ALL | 504972 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 1968 | ALL | 505022 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 |
| 1969 | ALL | 505072 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 |
| 1970 | ALL | 505122 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 |
| 1971 | ALL | 505172 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 |
| 1972 | ALL | 505222 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 |
| 1973 | ALL | 502222 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 1974 | ALL | 502272 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 |
| 1975 | ALL | 502322 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 |
| 1976 | ALL | 502372 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 1977 | ALL | 502422 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 1978 | ALL | 502472 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 |
| 1979 | ALL | 502522 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1980 | ALL | 502572 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1981 | ALL | 502622 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1982 | ALL | 502672 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1983 | ALL | 504772 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1984 | ALL | 504822 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1985 | ALL | 504872 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1986 | ALL | 504922 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1987 | ALL | 504972 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 |
| 1988 | ALL | 505022 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 |
| 1989 | ALL | 505072 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 |
| 1990 | ALL | 505122 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 1991 | ALL | 505172 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 |
| 1992 | ALL | 505222 | 3634126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 |
| 1993 | ALL | 502222 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 |
| 1994 | ALL | 502272 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1995 | ALL | 502322 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.18E-05 |
| 1996 | ALL | 502372 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.69E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1997 | ALL | 502422 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 |
| 1998 | ALL | 502472 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.75E-05 |
| 1999 | ALL | 502522 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2000 | ALL | 502572 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2001 | ALL | 502622 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2002 | ALL | 502672 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2003 | ALL | 504772 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2004 | ALL | 504822 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2005 | ALL | 504872 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2006 | ALL | 504922 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 2007 | ALL | 504972 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 |
| 2008 | ALL | 505022 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 |
| 2009 | ALL | 505072 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 |
| 2010 | ALL | 505122 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 2011 | ALL | 505172 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 |
| 2012 | ALL | 505222 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 2013 | ALL | 502222 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 2014 | ALL | 502272 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 2015 | ALL | 502322 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 |
| 2016 | ALL | 502372 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 |
| 2017 | ALL | 502422 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 2018 | ALL | 502472 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 2019 | ALL | 502522 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2020 | ALL | 502572 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2021 | ALL | 502622 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2022 | ALL | 502672 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2023 | ALL | 504772 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2024 | ALL | 504822 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2025 | ALL | 504872 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2026 | ALL | 504922 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 2027 | ALL | 504972 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2028 | ALL | 505022 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 |
| 2029 | ALL | 505072 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 |
| 2030 | ALL | 505122 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 |
| 2031 | ALL | 505172 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 |
| 2032 | ALL | 505222 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 2033 | ALL | 502222 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 |
| 2034 | ALL | 502272 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 |
| 2035 | ALL | 502322 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 |
| 2036 | ALL | 502372 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 |
| 2037 | ALL | 502422 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 2038 | ALL | 502472 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2039 | ALL | 502522 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2040 | ALL | 502572 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2041 | ALL | 502622 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2042 | ALL | 502672 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2043 | ALL | 504772 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2044 | ALL | 504822 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2045 | ALL | 504872 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.72E-05 |
| 2046 | ALL | 504922 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 |
| 2047 | ALL | 504972 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2048 | ALL | 505022 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 2049 | ALL | 505072 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 |
| 2050 | ALL | 505122 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2051 | ALL | 505172 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2052 | ALL | 505222 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2053 | ALL | 502222 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 |
| 2054 | ALL | 502272 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 |
| 2055 | ALL | 502322 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 2056 | ALL | 502372 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 2057 | ALL | 502422 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 |
| 2058 | ALL | 502472 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2059 | ALL | 502522 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2060 | ALL | 502572 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2061 | ALL | 502622 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2062 | ALL | 502672 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2063 | ALL | 504772 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2064 | ALL | 504822 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2065 | ALL | 504872 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 |
| 2066 | ALL | 504922 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 |
| 2067 | ALL | 504972 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 |
| 2068 | ALL | 505022 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 |
| 2069 | ALL | 505072 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 |
| 2070 | ALL | 505122 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 |
| 2071 | ALL | 505172 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 |
| 2072 | ALL | 505222 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 2073 | ALL | 502222 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 2074 | ALL | 502272 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 2075 | ALL | 502322 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 |
| 2076 | ALL | 502372 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 |
| 2077 | ALL | 502422 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 |
| 2078 | ALL | 502472 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2079 | ALL | 502522 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2080 | ALL | 502572 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2081 | ALL | 502622 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2082 | ALL | 502672 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2083 | ALL | 504772 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2084 | ALL | 504822 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2085 | ALL | 504872 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2086 | ALL | 504922 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.80E-05 |
| 2087 | ALL | 504972 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 |
| 2088 | ALL | 505022 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 |
| 2089 | ALL | 505072 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 |
| 2090 | ALL | 505122 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 |
| 2091 | ALL | 505172 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 |
| 2092 | ALL | 505222 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 2093 | ALL | 502222 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 |
| 2094 | ALL | 502272 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 |
| 2095 | ALL | 502322 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 2096 | ALL | 502372 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 2097 | ALL | 502422 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 2098 | ALL | 502472 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2099 | ALL | 502522 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2100 | ALL | 502572 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2101 | ALL | 502622 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2102 | ALL | 502672 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2103 | ALL | 504772 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2104 | ALL | 504822 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2105 | ALL | 504872 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2106 | ALL | 504922 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2107 | ALL | 504972 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 |
| 2108 | ALL | 505022 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 |
| 2109 | ALL | 505072 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 2110 | ALL | 505122 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 2111 | ALL | 505172 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 |
| 2112 | ALL | 505222 | 3634426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 2113 | ALL | 502222 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 |
| 2114 | ALL | 502272 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 2115 | ALL | 502322 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 2116 | ALL | 502372 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 |
| 2117 | ALL | 502422 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 |
| 2118 | ALL | 502472 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2119 | ALL | 502522 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2120 | ALL | 502572 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2121 | ALL | 502622 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2122 | ALL | 502672 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2123 | ALL | 504772 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2124 | ALL | 504822 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2125 | ALL | 504872 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2126 | ALL | 504922 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2127 | ALL | 504972 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2128 | ALL | 505022 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 |
| 2129 | ALL | 505072 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 |
| 2130 | ALL | 505122 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 |
| 2131 | ALL | 505172 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 |
| 2132 | ALL | 505222 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 2133 | ALL | 502222 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 |
| 2134 | ALL | 502272 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 2135 | ALL | 502322 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 2136 | ALL | 502372 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 |
| 2137 | ALL | 502422 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2138 | ALL | 502472 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2139 | ALL | 502522 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2140 | ALL | 502572 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2141 | ALL | 502622 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2142 | ALL | 502672 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2143 | ALL | 504772 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2144 | ALL | 504822 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2145 | ALL | 504872 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2146 | ALL | 504922 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2147 | ALL | 504972 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2148 | ALL | 505022 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2149 | ALL | 505072 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2150 | ALL | 505122 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 |
| 2151 | ALL | 505172 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 |
| 2152 | ALL | 505222 | 3634526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 |
| 2153 | ALL | 502222 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 |
| 2154 | ALL | 502272 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 2155 | ALL | 502322 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 2156 | ALL | 502372 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 |
| 2157 | ALL | 502422 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 |
| 2158 | ALL | 502472 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2159 | ALL | 502522 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2160 | ALL | 502572 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2161 | ALL | 502622 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2162 | ALL | 502672 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2163 | ALL | 504772 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2164 | ALL | 504822 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2165 | ALL | 504872 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2166 | ALL | 504922 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 2167 | ALL | 504972 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 2168 | ALL | 505022 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2169 | ALL | 505072 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2170 | ALL | 505122 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 |
| 2171 | ALL | 505172 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 |
| 2172 | ALL | 505222 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 |
| 2173 | ALL | 502222 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-05 |
| 2174 | ALL | 502272 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 |
| 2175 | ALL | 502322 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 2176 | ALL | 502372 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 2177 | ALL | 502422 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 |
| 2178 | ALL | 502472 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2179 | ALL | 502522 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2180 | ALL | 502572 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2181 | ALL | 502622 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2182 | ALL | 502672 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2183 | ALL | 504772 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 2184 | ALL | 504822 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 2185 | ALL | 504872 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 2186 | ALL | 504922 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 2187 | ALL | 504972 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2188 | ALL | 505022 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2189 | ALL | 505072 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2190 | ALL | 505122 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 2191 | ALL | 505172 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 2192 | ALL | 505222 | 3634626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 |
| 2193 | ALL | 502222 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 |
| 2194 | ALL | 502272 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 2195 | ALL | 502322 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 |
| 2196 | ALL | 502372 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 |
| 2197 | ALL | 502422 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 |
| 2198 | ALL | 502472 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2199 | ALL | 502522 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2200 | ALL | 502572 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2201 | ALL | 502622 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2202 | ALL | 502672 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2203 | ALL | 504772 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 2204 | ALL | 504822 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 2205 | ALL | 504872 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 2206 | ALL | 504922 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 2207 | ALL | 504972 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2208 | ALL | 505022 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2209 | ALL | 505072 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2210 | ALL | 505122 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 |
| 2211 | ALL | 505172 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.28E-05 |
| 2212 | ALL | 505222 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2213 | ALL | 502222 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 |
| 2214 | ALL | 502272 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 |
| 2215 | ALL | 502322 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 |
| 2216 | ALL | 502372 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 2217 | ALL | 502422 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 |
| 2218 | ALL | 502472 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2219 | ALL | 502522 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2220 | ALL | 502572 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2221 | ALL | 502622 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2222 | ALL | 502672 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2223 | ALL | 504772 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 2224 | ALL | 504822 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 2225 | ALL | 504872 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 2226 | ALL | 504922 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2227 | ALL | 504972 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2228 | ALL | 505022 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2229 | ALL | 505072 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 |
| 2230 | ALL | 505122 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-05 |
| 2231 | ALL | 505172 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 |
| 2232 | ALL | 505222 | 3634726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 2233 | ALL | 502222 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 |
| 2234 | ALL | 502272 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 |
| 2235 | ALL | 502322 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 |
| 2236 | ALL | 502372 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 |
| 2237 | ALL | 502422 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 |
| 2238 | ALL | 502472 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 |
| 2239 | ALL | 502522 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2240 | ALL | 502572 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2241 | ALL | 502622 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2242 | ALL | 502672 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2243 | ALL | 504772 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 2244 | ALL | 504822 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 2245 | ALL | 504872 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 2246 | ALL | 504922 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2247 | ALL | 504972 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2248 | ALL | 505022 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2249 | ALL | 505072 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 2250 | ALL | 505122 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 2251 | ALL | 505172 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 |
| 2252 | ALL | 505222 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 |
| 2253 | ALL | 502222 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 2254 | ALL | 502272 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 |
| 2255 | ALL | 502322 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 |
| 2256 | ALL | 502372 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 2257 | ALL | 502422 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 |
| 2258 | ALL | 502472 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 |
| 2259 | ALL | 502522 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2260 | ALL | 502572 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2261 | ALL | 502622 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2262 | ALL | 502672 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2263 | ALL | 504772 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 2264 | ALL | 504822 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 2265 | ALL | 504872 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 2266 | ALL | 504922 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2267 | ALL | 504972 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2268 | ALL | 505022 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 |
| 2269 | ALL | 505072 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 |
| 2270 | ALL | 505122 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-05 |
| 2271 | ALL | 505172 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 |
| 2272 | ALL | 505222 | 3634826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 |
| 2273 | ALL | 502222 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 2274 | ALL | 502272 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 2275 | ALL | 502322 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.18E-05 |
| 2276 | ALL | 502372 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 |
| 2277 | ALL | 502422 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 |
| 2278 | ALL | 502472 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 2279 | ALL | 502522 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2280 | ALL | 502572 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2281 | ALL | 502622 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2282 | ALL | 502672 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2283 | ALL | 504772 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 2284 | ALL | 504822 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 2285 | ALL | 504872 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 2286 | ALL | 504922 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2287 | ALL | 504972 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.47E-05 |
| 2288 | ALL | 505022 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 2289 | ALL | 505072 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 |
| 2290 | ALL | 505122 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 |
| 2291 | ALL | 505172 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 |
| 2292 | ALL | 505222 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 |
| 2293 | ALL | 502222 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 2294 | ALL | 502272 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 |
| 2295 | ALL | 502322 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 |
| 2296 | ALL | 502372 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 |
| 2297 | ALL | 502422 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2298 | ALL | 502472 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 |
| 2299 | ALL | 502522 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 |
| 2300 | ALL | 502572 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2301 | ALL | 502622 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2302 | ALL | 502672 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2303 | ALL | 504772 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 2304 | ALL | 504822 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2305 | ALL | 504872 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2306 | ALL | 504922 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2307 | ALL | 504972 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 |
| 2308 | ALL | 505022 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 |
| 2309 | ALL | 505072 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 |
| 2310 | ALL | 505122 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 |
| 2311 | ALL | 505172 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 2312 | ALL | 505222 | 3634926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 |
| 2313 | ALL | 502222 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 |
| 2314 | ALL | 502272 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 |
| 2315 | ALL | 502322 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.90E-05 |
| 2316 | ALL | 502372 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 2317 | ALL | 502422 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 2318 | ALL | 502472 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 2319 | ALL | 502522 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.75E-05 |
| 2320 | ALL | 502572 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2321 | ALL | 502622 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2322 | ALL | 502672 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2323 | ALL | 504822 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2324 | ALL | 504872 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2325 | ALL | 504922 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2326 | ALL | 504972 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.37E-05 |
| 2327 | ALL | 505022 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 2328 | ALL | 505072 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 |
| 2329 | ALL | 505122 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 |
| 2330 | ALL | 505172 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 |
| 2331 | ALL | 505222 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 |
| 2332 | ALL | 502222 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-05 |
| 2333 | ALL | 502272 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 2334 | ALL | 502322 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 2335 | ALL | 502372 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 |
| 2336 | ALL | 502422 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 2337 | ALL | 502472 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 |
| 2338 | ALL | 502522 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 |
| 2339 | ALL | 502572 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2340 | ALL | 502622 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2341 | ALL | 502672 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2342 | ALL | 504872 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2343 | ALL | 504922 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2344 | ALL | 504972 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 |
| 2345 | ALL | 505022 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-05 |
| 2346 | ALL | 505072 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 |
| 2347 | ALL | 505122 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 2348 | ALL | 505172 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 |
| 2349 | ALL | 505222 | 3635026 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 2350 | ALL | 502222 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2351 | ALL | 502272 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 |
| 2352 | ALL | 502322 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 2353 | ALL | 502372 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 |
| 2354 | ALL | 502422 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 |
| 2355 | ALL | 502472 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 |
| 2356 | ALL | 502522 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 |
| 2357 | ALL | 502572 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 |
| 2358 | ALL | 502622 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2359 | ALL | 502672 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2360 | ALL | 504922 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2361 | ALL | 504972 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2362 | ALL | 505022 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 |
| 2363 | ALL | 505072 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 |
| 2364 | ALL | 505122 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 |
| 2365 | ALL | 505172 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.94E-05 |
| 2366 | ALL | 505222 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 |
| 2367 | ALL | 502222 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 2368 | ALL | 502272 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 |
| 2369 | ALL | 502322 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 2370 | ALL | 502372 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 |
| 2371 | ALL | 502422 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 |
| 2372 | ALL | 502472 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 |
| 2373 | ALL | 502522 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 |
| 2374 | ALL | 502572 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2375 | ALL | 502622 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2376 | ALL | 502672 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2377 | ALL | 505022 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 |
| 2378 | ALL | 505072 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.13E-05 |
| 2379 | ALL | 505122 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-05 |
| 2380 | ALL | 505172 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 |
| 2381 | ALL | 505222 | 3635126 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 2382 | ALL | 502222 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 |
| 2383 | ALL | 502272 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 |
| 2384 | ALL | 502322 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 2385 | ALL | 502372 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 2386 | ALL | 502422 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 |
| 2387 | ALL | 502472 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 |
| 2388 | ALL | 502522 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 |
| 2389 | ALL | 502572 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 |
| 2390 | ALL | 502622 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 2391 | ALL | 502672 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2392 | ALL | 505122 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 |
| 2393 | ALL | 505172 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 2394 | ALL | 505222 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 |
| 2395 | ALL | 502222 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 2396 | ALL | 502272 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 2397 | ALL | 502322 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 2398 | ALL | 502372 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 2399 | ALL | 502422 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 2400 | ALL | 502472 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 2401 | ALL | 502522 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-05 |
| 2402 | ALL | 502572 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 2403 | ALL | 502622 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.39E-05 |
| 2404 | ALL | 502672 | 3635226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 2405 | ALL | 502222 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 2406 | ALL | 502272 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 2407 | ALL | 502322 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2408 | ALL | 502372 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |
| 2409 | ALL | 502422 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 |
| 2410 | ALL | 502472 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 |
| 2411 | ALL | 502522 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |
| 2412 | ALL | 502572 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.67E-05 |
| 2413 | ALL | 502622 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 |
| 2414 | ALL | 502672 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 |
| 2415 | ALL | 502222 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-05 |
| 2416 | ALL | 502272 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 2417 | ALL | 502322 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 2418 | ALL | 502372 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 |
| 2419 | ALL | 502422 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 2420 | ALL | 502472 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 2421 | ALL | 502522 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 2422 | ALL | 502572 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.42E-05 |
| 2423 | ALL | 502622 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 |
| 2424 | ALL | 502672 | 3635326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 2425 | ALL | 502222 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 2426 | ALL | 502272 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 |
| 2427 | ALL | 502322 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 |
| 2428 | ALL | 502372 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2429 | ALL | 502422 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |
| 2430 | ALL | 502472 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 |
| 2431 | ALL | 502522 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 |
| 2432 | ALL | 502572 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 2433 | ALL | 502622 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 |
| 2434 | ALL | 502672 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 2435 | ALL | 502222 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 2436 | ALL | 502272 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 2437 | ALL | 502322 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 2438 | ALL | 502372 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 2439 | ALL | 502422 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 2440 | ALL | 502472 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |
| 2441 | ALL | 502522 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 |
| 2442 | ALL | 502572 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 |
| 2443 | ALL | 502622 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 2444 | ALL | 502672 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 |
| 2445 | ALL | 504772 | 3635426 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2446 | ALL | 502222 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 |
| 2447 | ALL | 502272 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 2448 | ALL | 502322 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 2449 | ALL | 502372 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 |
| 2450 | ALL | 502422 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 2451 | ALL | 502472 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 |
| 2452 | ALL | 502522 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |
| 2453 | ALL | 502572 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.52E-05 |
| 2454 | ALL | 502622 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 2455 | ALL | 502672 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 2456 | ALL | 504772 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2457 | ALL | 504822 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 |
| 2458 | ALL | 504872 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 2459 | ALL | 504922 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 |
| 2460 | ALL | 502222 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 2461 | ALL | 502272 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 |
| 2462 | ALL | 502322 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 |
| 2463 | ALL | 502372 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 2464 | ALL | 502422 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 2465 | ALL | 502472 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 |
| 2466 | ALL | 502522 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 2467 | ALL | 502572 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |
| 2468 | ALL | 502622 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 |
| 2469 | ALL | 502672 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 |
| 2470 | ALL | 502722 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 2471 | ALL | 502772 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 |
| 2472 | ALL | 502822 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 |
| 2473 | ALL | 502872 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 |
| 2474 | ALL | 502922 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 |
| 2475 | ALL | 502972 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 |
| 2476 | ALL | 503022 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2477 | ALL | 503072 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2478 | ALL | 503122 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2479 | ALL | 503172 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2480 | ALL | 503222 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2481 | ALL | 503272 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2482 | ALL | 503322 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2483 | ALL | 503372 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2484 | ALL | 503422 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2485 | ALL | 503472 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2486 | ALL | 503522 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2487 | ALL | 503572 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2488 | ALL | 503622 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 2489 | ALL | 503672 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2490 | ALL | 503722 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 2491 | ALL | 503772 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 2492 | ALL | 503822 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 2493 | ALL | 503872 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 2494 | ALL | 503922 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 2495 | ALL | 503972 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 2496 | ALL | 504022 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 2497 | ALL | 504072 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2498 | ALL | 504122 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2499 | ALL | 504172 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2500 | ALL | 504222 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 2501 | ALL | 504272 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2502 | ALL | 504322 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2503 | ALL | 504372 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2504 | ALL | 504422 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2505 | ALL | 504472 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2506 | ALL | 504522 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2507 | ALL | 504572 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2508 | ALL | 504622 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2509 | ALL | 504672 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2510 | ALL | 504722 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2511 | ALL | 504772 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 2512 | ALL | 504822 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 |
| 2513 | ALL | 504872 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 2514 | ALL | 504922 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 2515 | ALL | 504972 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 |
| 2516 | ALL | 505022 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 |
| 2517 | ALL | 505072 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 |
| 2518 | ALL | 505122 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 2519 | ALL | 505172 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 |
| 2520 | ALL | 505222 | 3635526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 |
| 2521 | ALL | 502222 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 2522 | ALL | 502272 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 2523 | ALL | 502322 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 |
| 2524 | ALL | 502372 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 2525 | ALL | 502422 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 |
| 2526 | ALL | 502472 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 2527 | ALL | 502522 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 2528 | ALL | 502572 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 2529 | ALL | 502622 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 |
| 2530 | ALL | 502672 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 2531 | ALL | 502722 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 2532 | ALL | 502772 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 2533 | ALL | 502822 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 |
| 2534 | ALL | 502872 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 |
| 2535 | ALL | 502922 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.08E-05 |
| 2536 | ALL | 502972 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2537 | ALL | 503022 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 |
| 2538 | ALL | 503072 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2539 | ALL | 503122 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2540 | ALL | 503172 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2541 | ALL | 503222 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2542 | ALL | 503272 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2543 | ALL | 503322 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2544 | ALL | 503372 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2545 | ALL | 503422 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2546 | ALL | 503472 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2547 | ALL | 503522 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2548 | ALL | 503572 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 2549 | ALL | 503622 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2550 | ALL | 503672 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 2551 | ALL | 503722 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2552 | ALL | 503772 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2553 | ALL | 503822 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2554 | ALL | 503872 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2555 | ALL | 503922 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2556 | ALL | 503972 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2557 | ALL | 504022 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2558 | ALL | 504072 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2559 | ALL | 504122 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2560 | ALL | 504172 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2561 | ALL | 504222 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2562 | ALL | 504272 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2563 | ALL | 504322 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2564 | ALL | 504372 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2565 | ALL | 504422 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2566 | ALL | 504472 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2567 | ALL | 504522 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2568 | ALL | 504572 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2569 | ALL | 504622 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2570 | ALL | 504672 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 |
| 2571 | ALL | 504722 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 |
| 2572 | ALL | 504772 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 |
| 2573 | ALL | 504822 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 |
| 2574 | ALL | 504872 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 |
| 2575 | ALL | 504922 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 |
| 2576 | ALL | 504972 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-05 |
| 2577 | ALL | 505022 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.72E-05 |
| 2578 | ALL | 505072 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 |
| 2579 | ALL | 505122 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 |
| 2580 | ALL | 505172 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.80E-05 |
| 2581 | ALL | 505222 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 2582 | ALL | 502222 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 2583 | ALL | 502272 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 2584 | ALL | 502322 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 |
| 2585 | ALL | 502372 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 2586 | ALL | 502422 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 2587 | ALL | 502472 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 2588 | ALL | 502522 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 |
| 2589 | ALL | 502572 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 |
| 2590 | ALL | 502622 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2591 | ALL | 502672 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.21E-05 |
| 2592 | ALL | 502722 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 2593 | ALL | 502772 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-05 |
| 2594 | ALL | 502822 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 |
| 2595 | ALL | 502872 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 2596 | ALL | 502922 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 |
| 2597 | ALL | 502972 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2598 | ALL | 503022 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 |
| 2599 | ALL | 503072 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 |
| 2600 | ALL | 503122 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 |
| 2601 | ALL | 503172 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2602 | ALL | 503222 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2603 | ALL | 503272 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2604 | ALL | 503322 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2605 | ALL | 503372 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2606 | ALL | 503422 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2607 | ALL | 503472 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2608 | ALL | 503522 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2609 | ALL | 503572 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2610 | ALL | 503622 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2611 | ALL | 503672 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2612 | ALL | 503722 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2613 | ALL | 503772 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2614 | ALL | 503822 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2615 | ALL | 503872 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2616 | ALL | 503922 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2617 | ALL | 503972 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2618 | ALL | 504022 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2619 | ALL | 504072 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2620 | ALL | 504122 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2621 | ALL | 504172 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2622 | ALL | 504222 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2623 | ALL | 504272 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2624 | ALL | 504322 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2625 | ALL | 504372 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2626 | ALL | 504422 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2627 | ALL | 504472 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2628 | ALL | 504522 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2629 | ALL | 504572 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 |
| 2630 | ALL | 504622 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 2631 | ALL | 504672 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 |
| 2632 | ALL | 504722 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 |
| 2633 | ALL | 504772 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 |
| 2634 | ALL | 504822 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 2635 | ALL | 504872 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 |
| 2636 | ALL | 504922 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 |
| 2637 | ALL | 504972 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 |
| 2638 | ALL | 505022 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 |
| 2639 | ALL | 505072 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 2640 | ALL | 505122 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2641 | ALL | 505172 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 2642 | ALL | 505222 | 3635626 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 2643 | ALL | 502222 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 2644 | ALL | 502272 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2645 | ALL | 502322 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 |
| 2646 | ALL | 502372 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 2647 | ALL | 502422 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 2648 | ALL | 502472 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 |
| 2649 | ALL | 502522 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 2650 | ALL | 502572 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 2651 | ALL | 502622 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 |
| 2652 | ALL | 502672 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 |
| 2653 | ALL | 502722 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 |
| 2654 | ALL | 502772 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 |
| 2655 | ALL | 502822 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 |
| 2656 | ALL | 502872 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 |
| 2657 | ALL | 502922 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 |
| 2658 | ALL | 502972 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 |
| 2659 | ALL | 503022 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 |
| 2660 | ALL | 503072 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 2661 | ALL | 503122 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.35E-05 |
| 2662 | ALL | 503172 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 |
| 2663 | ALL | 503222 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2664 | ALL | 503272 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2665 | ALL | 503322 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2666 | ALL | 503372 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2667 | ALL | 503422 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2668 | ALL | 503472 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2669 | ALL | 503522 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2670 | ALL | 503572 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2671 | ALL | 503622 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2672 | ALL | 503672 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2673 | ALL | 503722 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2674 | ALL | 503772 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2675 | ALL | 503822 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2676 | ALL | 503872 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2677 | ALL | 503922 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2678 | ALL | 503972 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2679 | ALL | 504022 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2680 | ALL | 504072 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2681 | ALL | 504122 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2682 | ALL | 504172 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2683 | ALL | 504222 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2684 | ALL | 504272 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2685 | ALL | 504322 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2686 | ALL | 504372 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2687 | ALL | 504422 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2688 | ALL | 504472 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2689 | ALL | 504522 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 |
| 2690 | ALL | 504572 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 |
| 2691 | ALL | 504622 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 |
| 2692 | ALL | 504672 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2693 | ALL | 504722 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.67E-05 |
| 2694 | ALL | 504772 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 |
| 2695 | ALL | 504822 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 |
| 2696 | ALL | 504872 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 |
| 2697 | ALL | 504922 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 |
| 2698 | ALL | 504972 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2699 | ALL | 505022 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |
| 2700 | ALL | 505072 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 2701 | ALL | 505122 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 2702 | ALL | 505172 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 2703 | ALL | 505222 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 |
| 2704 | ALL | 502222 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 2705 | ALL | 502272 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 |
| 2706 | ALL | 502322 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 2707 | ALL | 502372 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 2708 | ALL | 502422 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 2709 | ALL | 502472 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 2710 | ALL | 502522 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 |
| 2711 | ALL | 502572 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 |
| 2712 | ALL | 502622 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 2713 | ALL | 502672 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 |
| 2714 | ALL | 502722 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 |
| 2715 | ALL | 502772 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 |
| 2716 | ALL | 502822 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 |
| 2717 | ALL | 502872 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 2718 | ALL | 502922 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 2719 | ALL | 502972 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 |
| 2720 | ALL | 503022 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 |
| 2721 | ALL | 503072 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 |
| 2722 | ALL | 503122 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 |
| 2723 | ALL | 503172 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 |
| 2724 | ALL | 503222 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-05 |
| 2725 | ALL | 503272 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 |
| 2726 | ALL | 503322 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2727 | ALL | 503372 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2728 | ALL | 503422 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2729 | ALL | 503472 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2730 | ALL | 503522 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2731 | ALL | 503572 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2732 | ALL | 503622 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2733 | ALL | 503672 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2734 | ALL | 503722 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2735 | ALL | 503772 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2736 | ALL | 503822 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2737 | ALL | 503872 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2738 | ALL | 503922 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2739 | ALL | 503972 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2740 | ALL | 504022 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2741 | ALL | 504072 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2742 | ALL | 504122 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2743 | ALL | 504172 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2744 | ALL | 504222 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2745 | ALL | 504272 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2746 | ALL | 504322 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2747 | ALL | 504372 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2748 | ALL | 504422 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2749 | ALL | 504472 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 |
| 2750 | ALL | 504522 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 |
| 2751 | ALL | 504572 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 |
| 2752 | ALL | 504622 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2753 | ALL | 504672 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 |
| 2754 | ALL | 504722 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 2755 | ALL | 504772 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 2756 | ALL | 504822 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 |
| 2757 | ALL | 504872 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 |
| 2758 | ALL | 504922 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 2759 | ALL | 504972 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 2760 | ALL | 505022 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 2761 | ALL | 505072 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.76E-05 |
| 2762 | ALL | 505122 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 2763 | ALL | 505172 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |
| 2764 | ALL | 505222 | 3635726 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 2765 | ALL | 502222 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 2766 | ALL | 502272 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |
| 2767 | ALL | 502322 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 2768 | ALL | 502372 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 2769 | ALL | 502422 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 |
| 2770 | ALL | 502472 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 2771 | ALL | 502522 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 2772 | ALL | 502572 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 2773 | ALL | 502622 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 2774 | ALL | 502672 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 |
| 2775 | ALL | 502722 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 |
| 2776 | ALL | 502772 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 2777 | ALL | 502822 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 2778 | ALL | 502872 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 2779 | ALL | 502922 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 |
| 2780 | ALL | 502972 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 |
| 2781 | ALL | 503022 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |
| 2782 | ALL | 503072 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-05 |
| 2783 | ALL | 503122 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 |
| 2784 | ALL | 503172 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 |
| 2785 | ALL | 503222 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 |
| 2786 | ALL | 503272 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 2787 | ALL | 503322 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 |
| 2788 | ALL | 503372 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 |
| 2789 | ALL | 503422 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2790 | ALL | 503472 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2791 | ALL | 503522 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2792 | ALL | 503572 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2793 | ALL | 503622 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2794 | ALL | 503672 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2795 | ALL | 503722 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2796 | ALL | 503772 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2797 | ALL | 503822 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2798 | ALL | 503872 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2799 | ALL | 503922 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2800 | ALL | 503972 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2801 | ALL | 504022 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2802 | ALL | 504072 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2803 | ALL | 504122 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2804 | ALL | 504172 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2805 | ALL | 504222 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2806 | ALL | 504272 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2807 | ALL | 504322 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2808 | ALL | 504372 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 |
| 2809 | ALL | 504422 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 |
| 2810 | ALL | 504472 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 |
| 2811 | ALL | 504522 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 |
| 2812 | ALL | 504572 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 2813 | ALL | 504622 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 |
| 2814 | ALL | 504672 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 2815 | ALL | 504722 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 2816 | ALL | 504772 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 |
| 2817 | ALL | 504822 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 |
| 2818 | ALL | 504872 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 |
| 2819 | ALL | 504922 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 |
| 2820 | ALL | 504972 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 2821 | ALL | 505022 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 2822 | ALL | 505072 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 2823 | ALL | 505122 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 |
| 2824 | ALL | 505172 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 |
| 2825 | ALL | 505222 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |
| 2826 | ALL | 502222 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 2827 | ALL | 502272 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 2828 | ALL | 502322 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 2829 | ALL | 502372 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 2830 | ALL | 502422 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 2831 | ALL | 502472 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 2832 | ALL | 502522 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 2833 | ALL | 502572 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 |
| 2834 | ALL | 502622 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 2835 | ALL | 502672 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 2836 | ALL | 502722 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 2837 | ALL | 502772 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 |
| 2838 | ALL | 502822 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 |
| 2839 | ALL | 502872 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 |
| 2840 | ALL | 502922 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 |
| 2841 | ALL | 502972 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 2842 | ALL | 503022 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 |
| 2843 | ALL | 503072 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 |
| 2844 | ALL | 503122 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 |
| 2845 | ALL | 503172 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.15E-05 |
| 2846 | ALL | 503222 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 |
| 2847 | ALL | 503272 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 2848 | ALL | 503322 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 |
| 2849 | ALL | 503372 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.08E-05 |
| 2850 | ALL | 503422 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 |
| 2851 | ALL | 503472 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 |
| 2852 | ALL | 503522 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 |
| 2853 | ALL | 503572 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 |
| 2854 | ALL | 503622 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2855 | ALL | 503672 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2856 | ALL | 503722 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2857 | ALL | 503772 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2858 | ALL | 503822 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2859 | ALL | 503872 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2860 | ALL | 503922 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2861 | ALL | 503972 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2862 | ALL | 504022 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2863 | ALL | 504072 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2864 | ALL | 504122 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2865 | ALL | 504172 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2866 | ALL | 504222 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2867 | ALL | 504272 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2868 | ALL | 504322 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2869 | ALL | 504372 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 |
| 2870 | ALL | 504422 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 |
| 2871 | ALL | 504472 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 2872 | ALL | 504522 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 |
| 2873 | ALL | 504572 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 2874 | ALL | 504622 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 |
| 2875 | ALL | 504672 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 2876 | ALL | 504722 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 |
| 2877 | ALL | 504772 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 2878 | ALL | 504822 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 |
| 2879 | ALL | 504872 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 |
| 2880 | ALL | 504922 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 |
| 2881 | ALL | 504972 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 |
| 2882 | ALL | 505022 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 2883 | ALL | 505072 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 |
| 2884 | ALL | 505122 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 |
| 2885 | ALL | 505172 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 2886 | ALL | 505222 | 3635826 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-05 |
| 2887 | ALL | 502222 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 2888 | ALL | 502272 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-05 |
| 2889 | ALL | 502322 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 2890 | ALL | 502372 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 2891 | ALL | 502422 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 2892 | ALL | 502472 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 2893 | ALL | 502522 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 2894 | ALL | 502572 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 2895 | ALL | 502622 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 2896 | ALL | 502672 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 |
| 2897 | ALL | 502722 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 |
| 2898 | ALL | 502772 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 2899 | ALL | 502822 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 |
| 2900 | ALL | 502872 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 2901 | ALL | 502922 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 |
| 2902 | ALL | 502972 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 |
| 2903 | ALL | 503022 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 2904 | ALL | 503072 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 |
| 2905 | ALL | 503122 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 |
| 2906 | ALL | 503172 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 |
| 2907 | ALL | 503222 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 |
| 2908 | ALL | 503272 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 2909 | ALL | 503322 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 |
| 2910 | ALL | 503372 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 2911 | ALL | 503422 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 2912 | ALL | 503472 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 |
| 2913 | ALL | 503522 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 |
| 2914 | ALL | 503572 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2915 | ALL | 503622 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 |
| 2916 | ALL | 503672 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 2917 | ALL | 503722 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 2918 | ALL | 503772 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 |
| 2919 | ALL | 503822 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 |
| 2920 | ALL | 503872 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2921 | ALL | 503922 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2922 | ALL | 503972 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2923 | ALL | 504022 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2924 | ALL | 504072 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2925 | ALL | 504122 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2926 | ALL | 504172 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2927 | ALL | 504222 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2928 | ALL | 504272 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2929 | ALL | 504322 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 2930 | ALL | 504372 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 |
| 2931 | ALL | 504422 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 2932 | ALL | 504472 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.89E-05 |
| 2933 | ALL | 504522 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 2934 | ALL | 504572 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 |
| 2935 | ALL | 504622 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 |
| 2936 | ALL | 504672 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 2937 | ALL | 504722 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 |
| 2938 | ALL | 504772 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 |
| 2939 | ALL | 504822 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 |
| 2940 | ALL | 504872 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 2941 | ALL | 504922 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 |
| 2942 | ALL | 504972 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 2943 | ALL | 505022 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 2944 | ALL | 505072 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 2945 | ALL | 505122 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 |
| 2946 | ALL | 505172 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 |
| 2947 | ALL | 505222 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 2948 | ALL | 502222 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 2949 | ALL | 502272 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 2950 | ALL | 502322 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 |
| 2951 | ALL | 502372 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 2952 | ALL | 502422 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 |
| 2953 | ALL | 502472 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 2954 | ALL | 502522 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 |
| 2955 | ALL | 502572 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 2956 | ALL | 502622 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 2957 | ALL | 502672 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 |
| 2958 | ALL | 502722 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |
| 2959 | ALL | 502772 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 |
| 2960 | ALL | 502822 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 |
| 2961 | ALL | 502872 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 2962 | ALL | 502922 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 |
| 2963 | ALL | 502972 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 2964 | ALL | 503022 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 |
| 2965 | ALL | 503072 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 2966 | ALL | 503122 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 2967 | ALL | 503172 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 2968 | ALL | 503222 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2969 | ALL | 503272 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 2970 | ALL | 503322 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 2971 | ALL | 503372 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.18E-05 |
| 2972 | ALL | 503422 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 |
| 2973 | ALL | 503472 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 |
| 2974 | ALL | 503522 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 |
| 2975 | ALL | 503572 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 |
| 2976 | ALL | 503622 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 2977 | ALL | 503672 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 2978 | ALL | 503722 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 2979 | ALL | 503772 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 |
| 2980 | ALL | 503822 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |
| 2981 | ALL | 503872 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 |
| 2982 | ALL | 503922 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 |
| 2983 | ALL | 503972 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2984 | ALL | 504022 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 |
| 2985 | ALL | 504072 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 |
| 2986 | ALL | 504122 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 |
| 2987 | ALL | 504172 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 2988 | ALL | 504222 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 |
| 2989 | ALL | 504272 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 |
| 2990 | ALL | 504322 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 |
| 2991 | ALL | 504372 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.39E-05 |
| 2992 | ALL | 504422 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.21E-05 |
| 2993 | ALL | 504472 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 2994 | ALL | 504522 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 |
| 2995 | ALL | 504572 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 |
| 2996 | ALL | 504622 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 2997 | ALL | 504672 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 2998 | ALL | 504722 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 |
| 2999 | ALL | 504772 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 |
| 3000 | ALL | 504822 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 3001 | ALL | 504872 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 |
| 3002 | ALL | 504922 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 3003 | ALL | 504972 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 |
| 3004 | ALL | 505022 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 |
| 3005 | ALL | 505072 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 3006 | ALL | 505122 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 |
| 3007 | ALL | 505172 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 3008 | ALL | 505222 | 3635926 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 3009 | ALL | 502222 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 3010 | ALL | 502272 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 3011 | ALL | 502322 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 3012 | ALL | 502372 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 3013 | ALL | 502422 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 3014 | ALL | 502472 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 3015 | ALL | 502522 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 3016 | ALL | 502572 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 3017 | ALL | 502622 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 3018 | ALL | 502672 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 3019 | ALL | 502722 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 3020 | ALL | 502772 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-05 |
| 3021 | ALL | 502822 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 3022 | ALL | 502872 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3023 | ALL | 502922 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 |
| 3024 | ALL | 502972 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 3025 | ALL | 503022 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 3026 | ALL | 503072 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 3027 | ALL | 503122 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 3028 | ALL | 503172 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.91E-05 |
| 3029 | ALL | 503222 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 3030 | ALL | 503272 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 3031 | ALL | 503322 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 |
| 3032 | ALL | 503372 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 |
| 3033 | ALL | 503422 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 |
| 3034 | ALL | 503472 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 3035 | ALL | 503522 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 |
| 3036 | ALL | 503572 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 |
| 3037 | ALL | 503622 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 |
| 3038 | ALL | 503672 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 3039 | ALL | 503722 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 |
| 3040 | ALL | 503772 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 |
| 3041 | ALL | 503822 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 |
| 3042 | ALL | 503872 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 |
| 3043 | ALL | 503922 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-05 |
| 3044 | ALL | 503972 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 3045 | ALL | 504022 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 |
| 3046 | ALL | 504072 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.37E-05 |
| 3047 | ALL | 504122 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 |
| 3048 | ALL | 504172 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 |
| 3049 | ALL | 504222 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 |
| 3050 | ALL | 504272 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 |
| 3051 | ALL | 504322 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 3052 | ALL | 504372 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 3053 | ALL | 504422 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 3054 | ALL | 504472 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 3055 | ALL | 504522 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 |
| 3056 | ALL | 504572 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-05 |
| 3057 | ALL | 504622 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 |
| 3058 | ALL | 504672 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 |
| 3059 | ALL | 504722 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.36E-05 |
| 3060 | ALL | 504772 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 |
| 3061 | ALL | 504822 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 |
| 3062 | ALL | 504872 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 |
| 3063 | ALL | 504922 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 3064 | ALL | 504972 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 |
| 3065 | ALL | 505022 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 |
| 3066 | ALL | 505072 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-05 |
| 3067 | ALL | 505122 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 |
| 3068 | ALL | 505172 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 3069 | ALL | 505222 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 3070 | ALL | 501722 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-05 |
| 3071 | ALL | 501822 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-05 |
| 3072 | ALL | 501922 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 3073 | ALL | 502022 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 3074 | ALL | 502122 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 3075 | ALL | 502222 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 3076 | ALL | 502322 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3077 | ALL | 502422 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 3078 | ALL | 502522 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 3079 | ALL | 502622 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 3080 | ALL | 502722 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 3081 | ALL | 502822 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 3082 | ALL | 502922 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 3083 | ALL | 503022 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 3084 | ALL | 503122 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 3085 | ALL | 503222 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3086 | ALL | 503322 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 3087 | ALL | 503422 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 3088 | ALL | 503722 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 3089 | ALL | 503822 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 |
| 3090 | ALL | 503922 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-05 |
| 3091 | ALL | 504022 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-05 |
| 3092 | ALL | 504122 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-05 |
| 3093 | ALL | 504222 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-05 |
| 3094 | ALL | 504322 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 |
| 3095 | ALL | 504422 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-05 |
| 3096 | ALL | 504522 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 |
| 3097 | ALL | 504622 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 |
| 3098 | ALL | 504722 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-05 |
| 3099 | ALL | 504822 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-05 |
| 3100 | ALL | 504922 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-05 |
| 3101 | ALL | 505022 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-05 |
| 3102 | ALL | 505122 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-05 |
| 3103 | ALL | 505222 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-05 |
| 3104 | ALL | 505322 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-05 |
| 3105 | ALL | 505422 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-05 |
| 3106 | ALL | 505522 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-05 |
| 3107 | ALL | 505622 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-05 |
| 3108 | ALL | 505722 | 3632476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-05 |
| 3109 | ALL | 501722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-05 |
| 3110 | ALL | 501822 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 3111 | ALL | 501922 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 3112 | ALL | 502022 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 3113 | ALL | 502122 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 3114 | ALL | 502222 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 3115 | ALL | 502322 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 3116 | ALL | 502422 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 3117 | ALL | 502522 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 3118 | ALL | 502622 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 3119 | ALL | 502722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 3120 | ALL | 502822 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 3121 | ALL | 502922 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-05 |
| 3122 | ALL | 503022 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 3123 | ALL | 503122 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 3124 | ALL | 503222 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 3125 | ALL | 503322 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 3126 | ALL | 503422 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 3127 | ALL | 503722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-05 |
| 3128 | ALL | 503822 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 3129 | ALL | 503922 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-05 |
| 3130 | ALL | 504022 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3131 | ALL | 504122 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 |
| 3132 | ALL | 504222 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-05 |
| 3133 | ALL | 504322 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 |
| 3134 | ALL | 504422 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-05 |
| 3135 | ALL | 504522 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-05 |
| 3136 | ALL | 504622 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-05 |
| 3137 | ALL | 504722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 |
| 3138 | ALL | 504822 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-05 |
| 3139 | ALL | 504922 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-05 |
| 3140 | ALL | 505022 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-05 |
| 3141 | ALL | 505122 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 |
| 3142 | ALL | 505222 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 |
| 3143 | ALL | 505322 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-05 |
| 3144 | ALL | 505422 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 |
| 3145 | ALL | 505522 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-05 |
| 3146 | ALL | 505622 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-05 |
| 3147 | ALL | 505722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-05 |
| 3148 | ALL | 501722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-05 |
| 3149 | ALL | 501822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 3150 | ALL | 501922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 3151 | ALL | 502022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 3152 | ALL | 502122 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 3153 | ALL | 502222 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 3154 | ALL | 502322 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 3155 | ALL | 502422 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 3156 | ALL | 502522 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 3157 | ALL | 502622 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3158 | ALL | 502722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 3159 | ALL | 502822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 3160 | ALL | 502922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 3161 | ALL | 503022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 3162 | ALL | 503722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 3163 | ALL | 503822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 3164 | ALL | 503922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-05 |
| 3165 | ALL | 504022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 |
| 3166 | ALL | 504122 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-05 |
| 3167 | ALL | 504222 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-05 |
| 3168 | ALL | 504322 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-05 |
| 3169 | ALL | 504422 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-05 |
| 3170 | ALL | 504522 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-05 |
| 3171 | ALL | 504622 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-05 |
| 3172 | ALL | 504722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-05 |
| 3173 | ALL | 504822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-05 |
| 3174 | ALL | 504922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-05 |
| 3175 | ALL | 505022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-05 |
| 3176 | ALL | 505122 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-05 |
| 3177 | ALL | 505222 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-05 |
| 3178 | ALL | 505322 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-05 |
| 3179 | ALL | 505422 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-05 |
| 3180 | ALL | 505522 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-05 |
| 3181 | ALL | 505622 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-05 |
| 3182 | ALL | 505722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-05 |
| 3183 | ALL | 502422 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 3184 | ALL | 502522 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3185 | ALL | 502622 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 3186 | ALL | 502722 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 |
| 3187 | ALL | 502822 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 3188 | ALL | 502922 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 3189 | ALL | 503022 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 3190 | ALL | 503122 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 3191 | ALL | 503222 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 3192 | ALL | 503622 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 3193 | ALL | 503722 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 3194 | ALL | 503822 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 3195 | ALL | 503922 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 3196 | ALL | 504022 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-05 |
| 3197 | ALL | 504122 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-05 |
| 3198 | ALL | 504222 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-05 |
| 3199 | ALL | 504322 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-05 |
| 3200 | ALL | 504422 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 |
| 3201 | ALL | 504522 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 |
| 3202 | ALL | 504622 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 |
| 3203 | ALL | 504722 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 |
| 3204 | ALL | 504822 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-05 |
| 3205 | ALL | 504922 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-05 |
| 3206 | ALL | 505022 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-05 |
| 3207 | ALL | 505122 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 |
| 3208 | ALL | 505222 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 |
| 3209 | ALL | 505322 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-05 |
| 3210 | ALL | 505422 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-05 |
| 3211 | ALL | 505522 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-05 |
| 3212 | ALL | 505622 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 |
| 3213 | ALL | 505722 | 3632776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-05 |
| 3214 | ALL | 501722 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.28E-05 |
| 3215 | ALL | 501822 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 3216 | ALL | 501922 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 3217 | ALL | 502022 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 3218 | ALL | 502122 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 3219 | ALL | 502222 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 3220 | ALL | 502322 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 3221 | ALL | 502422 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 3222 | ALL | 502522 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 3223 | ALL | 502622 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 3224 | ALL | 502722 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 3225 | ALL | 502822 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 |
| 3226 | ALL | 502922 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 3227 | ALL | 503022 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-05 |
| 3228 | ALL | 503122 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 3229 | ALL | 503222 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 |
| 3230 | ALL | 503322 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 3231 | ALL | 503422 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 3232 | ALL | 503622 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 3233 | ALL | 503722 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.39E-05 |
| 3234 | ALL | 503822 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 3235 | ALL | 503922 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 3236 | ALL | 504022 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-05 |
| 3237 | ALL | 504122 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 3238 | ALL | 504222 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3239 | ALL | 504322 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 |
| 3240 | ALL | 504422 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-05 |
| 3241 | ALL | 504522 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-05 |
| 3242 | ALL | 504622 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-05 |
| 3243 | ALL | 504722 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 |
| 3244 | ALL | 504822 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-05 |
| 3245 | ALL | 504922 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-05 |
| 3246 | ALL | 505022 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 3247 | ALL | 505122 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 3248 | ALL | 505222 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 3249 | ALL | 505322 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-05 |
| 3250 | ALL | 505422 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 3251 | ALL | 505522 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-05 |
| 3252 | ALL | 505622 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 3253 | ALL | 505722 | 3632876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-05 |
| 3254 | ALL | 501722 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 3255 | ALL | 501822 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-05 |
| 3256 | ALL | 501922 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 3257 | ALL | 502022 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 3258 | ALL | 502122 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 3259 | ALL | 505322 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-05 |
| 3260 | ALL | 505422 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 3261 | ALL | 505522 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 3262 | ALL | 505622 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-05 |
| 3263 | ALL | 505722 | 3632976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-05 |
| 3264 | ALL | 501722 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 3265 | ALL | 501822 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 3266 | ALL | 501922 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 3267 | ALL | 502022 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 3268 | ALL | 502122 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 |
| 3269 | ALL | 505322 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3270 | ALL | 505422 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 3271 | ALL | 505522 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 3272 | ALL | 505622 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-05 |
| 3273 | ALL | 505722 | 3633076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 3274 | ALL | 501722 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 3275 | ALL | 501822 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-05 |
| 3276 | ALL | 501922 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 3277 | ALL | 502022 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 3278 | ALL | 502122 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 |
| 3279 | ALL | 505322 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 3280 | ALL | 505422 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 3281 | ALL | 505522 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 3282 | ALL | 505622 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.16E-05 |
| 3283 | ALL | 505722 | 3633176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3284 | ALL | 501722 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 3285 | ALL | 501822 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.03E-05 |
| 3286 | ALL | 501922 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 3287 | ALL | 502022 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 3288 | ALL | 502122 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3289 | ALL | 505322 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 |
| 3290 | ALL | 505422 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 3291 | ALL | 505522 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3292 | ALL | 505622 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-05 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3293 | ALL | 505722 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 3294 | ALL | 501722 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 3295 | ALL | 501822 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 3296 | ALL | 501922 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 3297 | ALL | 502022 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 3298 | ALL | 502122 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 3299 | ALL | 505322 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 3300 | ALL | 505422 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 3301 | ALL | 505522 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 3302 | ALL | 505622 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 3303 | ALL | 505722 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 3304 | ALL | 501722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 3305 | ALL | 501822 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 3306 | ALL | 501922 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 3307 | ALL | 502022 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 3308 | ALL | 502122 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 3309 | ALL | 505322 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 |
| 3310 | ALL | 505422 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 3311 | ALL | 505522 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 3312 | ALL | 505622 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 3313 | ALL | 505722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 3314 | ALL | 501722 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 3315 | ALL | 501822 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 3316 | ALL | 501922 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 3317 | ALL | 502022 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 3318 | ALL | 502122 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 3319 | ALL | 505322 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 |
| 3320 | ALL | 505422 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 3321 | ALL | 505522 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 3322 | ALL | 505622 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 3323 | ALL | 505722 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 3324 | ALL | 501722 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 3325 | ALL | 501822 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 3326 | ALL | 501922 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 3327 | ALL | 502022 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 3328 | ALL | 502122 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 3329 | ALL | 505322 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 3330 | ALL | 505422 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |
| 3331 | ALL | 505522 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 3332 | ALL | 505622 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 |
| 3333 | ALL | 505722 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 3334 | ALL | 501722 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 3335 | ALL | 501822 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 3336 | ALL | 501922 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 3337 | ALL | 502022 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 |
| 3338 | ALL | 502122 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 3339 | ALL | 505322 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 3340 | ALL | 505422 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 |
| 3341 | ALL | 505522 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 3342 | ALL | 505622 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 3343 | ALL | 505722 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 3344 | ALL | 501722 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 3345 | ALL | 501822 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3346 | ALL | 501922 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3347 | ALL | 502022 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 3348 | ALL | 502122 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 3349 | ALL | 505322 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 |
| 3350 | ALL | 505422 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 3351 | ALL | 505522 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 3352 | ALL | 505622 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 3353 | ALL | 505722 | 3633876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3354 | ALL | 501722 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 3355 | ALL | 501822 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 3356 | ALL | 501922 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 3357 | ALL | 502022 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 |
| 3358 | ALL | 502122 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 3359 | ALL | 505322 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 |
| 3360 | ALL | 505422 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 |
| 3361 | ALL | 505522 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 3362 | ALL | 505622 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3363 | ALL | 505722 | 3633976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 3364 | ALL | 501722 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 3365 | ALL | 501822 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 3366 | ALL | 501922 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 3367 | ALL | 502022 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 3368 | ALL | 502122 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 |
| 3369 | ALL | 505322 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 3370 | ALL | 505422 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 |
| 3371 | ALL | 505522 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 3372 | ALL | 505622 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 3373 | ALL | 505722 | 3634076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 3374 | ALL | 501722 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 3375 | ALL | 501822 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 |
| 3376 | ALL | 501922 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 3377 | ALL | 502022 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 3378 | ALL | 502122 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 |
| 3379 | ALL | 505322 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |
| 3380 | ALL | 505422 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 |
| 3381 | ALL | 505522 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 3382 | ALL | 505622 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 3383 | ALL | 505722 | 3634176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 3384 | ALL | 501722 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 |
| 3385 | ALL | 501822 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 3386 | ALL | 501922 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 3387 | ALL | 502022 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 |
| 3388 | ALL | 502122 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 3389 | ALL | 505322 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 3390 | ALL | 505422 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 |
| 3391 | ALL | 505522 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 3392 | ALL | 505622 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 3393 | ALL | 505722 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 3394 | ALL | 501722 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 3395 | ALL | 501822 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 3396 | ALL | 501922 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 3397 | ALL | 502022 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 3398 | ALL | 502122 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 3399 | ALL | 505322 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 3400 | ALL | 505422 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3401 | ALL | 505522 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 3402 | ALL | 505622 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 3403 | ALL | 505722 | 3634376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3404 | ALL | 501722 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 3405 | ALL | 501822 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 3406 | ALL | 501922 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 3407 | ALL | 502022 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 |
| 3408 | ALL | 502122 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.95E-05 |
| 3409 | ALL | 505322 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 3410 | ALL | 505422 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 3411 | ALL | 505522 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 3412 | ALL | 505622 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 |
| 3413 | ALL | 505722 | 3634476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 3414 | ALL | 501722 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |
| 3415 | ALL | 501822 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 3416 | ALL | 501922 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 3417 | ALL | 502022 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.32E-05 |
| 3418 | ALL | 502122 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 |
| 3419 | ALL | 505322 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 |
| 3420 | ALL | 505422 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 |
| 3421 | ALL | 505522 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 3422 | ALL | 505622 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |
| 3423 | ALL | 505722 | 3634576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 3424 | ALL | 501722 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 3425 | ALL | 501822 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 3426 | ALL | 501922 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-05 |
| 3427 | ALL | 502022 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 3428 | ALL | 502122 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 3429 | ALL | 505322 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 |
| 3430 | ALL | 505422 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 3431 | ALL | 505522 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 3432 | ALL | 505622 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 3433 | ALL | 505722 | 3634676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 3434 | ALL | 501722 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 3435 | ALL | 501822 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 3436 | ALL | 501922 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 3437 | ALL | 502022 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 |
| 3438 | ALL | 502122 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 |
| 3439 | ALL | 505322 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 3440 | ALL | 505422 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 3441 | ALL | 505522 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 |
| 3442 | ALL | 505622 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 |
| 3443 | ALL | 505722 | 3634776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 |
| 3444 | ALL | 501722 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 3445 | ALL | 501822 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 3446 | ALL | 501922 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 3447 | ALL | 502022 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 3448 | ALL | 502122 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 |
| 3449 | ALL | 505322 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 |
| 3450 | ALL | 505422 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 |
| 3451 | ALL | 505522 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 |
| 3452 | ALL | 505622 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 |
| 3453 | ALL | 505722 | 3634876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 |
| 3454 | ALL | 501722 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3455 | ALL | 501822 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 3456 | ALL | 501922 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 3457 | ALL | 502022 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 |
| 3458 | ALL | 502122 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 |
| 3459 | ALL | 505322 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 3460 | ALL | 505422 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 3461 | ALL | 505522 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 |
| 3462 | ALL | 505622 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-05 |
| 3463 | ALL | 505722 | 3634976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 |
| 3464 | ALL | 501722 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 3465 | ALL | 501822 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 3466 | ALL | 501922 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 3467 | ALL | 502022 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 3468 | ALL | 502122 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 |
| 3469 | ALL | 505322 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 |
| 3470 | ALL | 505422 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 3471 | ALL | 505522 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 3472 | ALL | 505622 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 |
| 3473 | ALL | 505722 | 3635076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 |
| 3474 | ALL | 501722 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 3475 | ALL | 501822 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 3476 | ALL | 501922 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 |
| 3477 | ALL | 502022 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 3478 | ALL | 502122 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 3479 | ALL | 505322 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 |
| 3480 | ALL | 505422 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 |
| 3481 | ALL | 505522 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 3482 | ALL | 505622 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 3483 | ALL | 505722 | 3635176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 3484 | ALL | 501722 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 |
| 3485 | ALL | 501822 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 3486 | ALL | 501922 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 |
| 3487 | ALL | 502022 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 3488 | ALL | 502122 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 3489 | ALL | 505622 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 3490 | ALL | 505722 | 3635276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 3491 | ALL | 501722 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-05 |
| 3492 | ALL | 501822 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 3493 | ALL | 501922 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 3494 | ALL | 502022 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 3495 | ALL | 502122 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 |
| 3496 | ALL | 505622 | 3635376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 3497 | ALL | 501722 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 3498 | ALL | 501822 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 |
| 3499 | ALL | 501922 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 3500 | ALL | 502022 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 3501 | ALL | 502122 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 |
| 3502 | ALL | 505622 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 3503 | ALL | 505722 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3504 | ALL | 501722 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-05 |
| 3505 | ALL | 501822 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.22E-05 |
| 3506 | ALL | 501922 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3507 | ALL | 502022 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-05 |
| 3508 | ALL | 502122 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.08E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3509 | ALL | 505322 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 |
| 3510 | ALL | 505422 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 3511 | ALL | 505522 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 3512 | ALL | 505622 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 3513 | ALL | 505722 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 3514 | ALL | 501722 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 3515 | ALL | 501822 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.91E-05 |
| 3516 | ALL | 501922 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 3517 | ALL | 502022 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.43E-05 |
| 3518 | ALL | 502122 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 3519 | ALL | 505322 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 3520 | ALL | 505422 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 3521 | ALL | 505522 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 3522 | ALL | 505622 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E-05 |
| 3523 | ALL | 505722 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 3524 | ALL | 501722 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 3525 | ALL | 501822 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-05 |
| 3526 | ALL | 501922 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3527 | ALL | 502022 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 3528 | ALL | 502122 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 3529 | ALL | 505322 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 3530 | ALL | 505422 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 3531 | ALL | 505522 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 3532 | ALL | 505622 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.52E-05 |
| 3533 | ALL | 505722 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 3534 | ALL | 501722 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 3535 | ALL | 501822 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 3536 | ALL | 501922 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 3537 | ALL | 502022 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 3538 | ALL | 502122 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 3539 | ALL | 505322 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 3540 | ALL | 505422 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-05 |
| 3541 | ALL | 505522 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-05 |
| 3542 | ALL | 505622 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 3543 | ALL | 505722 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.11E-05 |
| 3544 | ALL | 501722 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-05 |
| 3545 | ALL | 501822 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 3546 | ALL | 501922 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |
| 3547 | ALL | 502022 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 3548 | ALL | 502122 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 3549 | ALL | 505322 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 3550 | ALL | 505422 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 3551 | ALL | 505522 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 3552 | ALL | 505622 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 3553 | ALL | 505722 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 3554 | ALL | 501722 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 |
| 3555 | ALL | 501822 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 |
| 3556 | ALL | 501922 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 3557 | ALL | 502022 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-05 |
| 3558 | ALL | 502122 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 3559 | ALL | 502222 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 3560 | ALL | 502322 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-05 |
| 3561 | ALL | 502422 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 |
| 3562 | ALL | 502522 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3563 | ALL | 502622 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.05E-05 |
| 3564 | ALL | 502722 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 3565 | ALL | 502822 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 3566 | ALL | 502922 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 3567 | ALL | 503022 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 |
| 3568 | ALL | 503122 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-05 |
| 3569 | ALL | 503222 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 3570 | ALL | 503322 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 |
| 3571 | ALL | 503422 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 |
| 3572 | ALL | 503522 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 3573 | ALL | 503622 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 3574 | ALL | 503722 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 3575 | ALL | 503822 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 3576 | ALL | 503922 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 3577 | ALL | 504022 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 |
| 3578 | ALL | 504122 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 |
| 3579 | ALL | 504222 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 3580 | ALL | 504322 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 |
| 3581 | ALL | 504422 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.28E-05 |
| 3582 | ALL | 504522 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 |
| 3583 | ALL | 504622 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 3584 | ALL | 504722 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 3585 | ALL | 504822 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 |
| 3586 | ALL | 504922 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 3587 | ALL | 505022 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 3588 | ALL | 505122 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 3589 | ALL | 505222 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 3590 | ALL | 505322 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 3591 | ALL | 505422 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 3592 | ALL | 505522 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 3593 | ALL | 505622 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 3594 | ALL | 505722 | 3636076 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 3595 | ALL | 501722 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-05 |
| 3596 | ALL | 501822 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 |
| 3597 | ALL | 501922 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-05 |
| 3598 | ALL | 502022 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 3599 | ALL | 502122 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 3600 | ALL | 502222 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 3601 | ALL | 502322 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 3602 | ALL | 502422 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 3603 | ALL | 502522 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 3604 | ALL | 502622 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 3605 | ALL | 502722 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 |
| 3606 | ALL | 502822 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 3607 | ALL | 502922 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 3608 | ALL | 503022 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 3609 | ALL | 503122 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 3610 | ALL | 503222 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 |
| 3611 | ALL | 503322 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 3612 | ALL | 503422 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 |
| 3613 | ALL | 503522 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 |
| 3614 | ALL | 503622 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 |
| 3615 | ALL | 503722 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 |
| 3616 | ALL | 503822 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3617 | ALL | 503922 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 |
| 3618 | ALL | 504022 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 3619 | ALL | 504122 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 |
| 3620 | ALL | 504222 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 3621 | ALL | 504322 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 3622 | ALL | 504422 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 3623 | ALL | 504522 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 3624 | ALL | 504622 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 |
| 3625 | ALL | 504722 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 |
| 3626 | ALL | 504822 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 |
| 3627 | ALL | 504922 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 3628 | ALL | 505022 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |
| 3629 | ALL | 505122 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 3630 | ALL | 505222 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 3631 | ALL | 505322 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 3632 | ALL | 505422 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 3633 | ALL | 505522 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 3634 | ALL | 505622 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-05 |
| 3635 | ALL | 505722 | 3636176 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.72E-05 |
| 3636 | ALL | 501722 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-05 |
| 3637 | ALL | 501822 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-05 |
| 3638 | ALL | 501922 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-05 |
| 3639 | ALL | 502022 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 3640 | ALL | 502122 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 3641 | ALL | 502222 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 3642 | ALL | 502322 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 3643 | ALL | 502422 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 3644 | ALL | 502522 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 3645 | ALL | 502622 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 3646 | ALL | 502722 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 3647 | ALL | 502822 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 3648 | ALL | 502922 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3649 | ALL | 503022 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 3650 | ALL | 503122 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 3651 | ALL | 503222 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 3652 | ALL | 503322 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 3653 | ALL | 503422 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 3654 | ALL | 503522 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 3655 | ALL | 503622 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 3656 | ALL | 503722 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 |
| 3657 | ALL | 503822 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 3658 | ALL | 503922 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-05 |
| 3659 | ALL | 504022 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 |
| 3660 | ALL | 504122 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 3661 | ALL | 504222 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 |
| 3662 | ALL | 504322 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 3663 | ALL | 504422 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 3664 | ALL | 504522 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 3665 | ALL | 504622 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 |
| 3666 | ALL | 504722 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 3667 | ALL | 504822 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-05 |
| 3668 | ALL | 504922 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 3669 | ALL | 505022 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 3670 | ALL | 505122 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3671 | ALL | 505222 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 |
| 3672 | ALL | 505322 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 3673 | ALL | 505422 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-05 |
| 3674 | ALL | 505522 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-05 |
| 3675 | ALL | 505622 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 3676 | ALL | 505722 | 3636276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-05 |
| 3677 | ALL | 501722 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-05 |
| 3678 | ALL | 501822 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-05 |
| 3679 | ALL | 501922 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-05 |
| 3680 | ALL | 502022 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-05 |
| 3681 | ALL | 502122 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-05 |
| 3682 | ALL | 502222 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 3683 | ALL | 502322 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 3684 | ALL | 502422 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-05 |
| 3685 | ALL | 502522 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-05 |
| 3686 | ALL | 502622 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 3687 | ALL | 502722 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 3688 | ALL | 502822 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 3689 | ALL | 502922 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-05 |
| 3690 | ALL | 503022 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 3691 | ALL | 503122 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 3692 | ALL | 503222 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 3693 | ALL | 503322 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3694 | ALL | 503422 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.38E-05 |
| 3695 | ALL | 503522 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 3696 | ALL | 503622 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 3697 | ALL | 503722 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 |
| 3698 | ALL | 503822 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 |
| 3699 | ALL | 503922 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 3700 | ALL | 504022 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 |
| 3701 | ALL | 504122 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 3702 | ALL | 504222 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 |
| 3703 | ALL | 504322 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 3704 | ALL | 504422 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 3705 | ALL | 504522 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 3706 | ALL | 504622 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.09E-05 |
| 3707 | ALL | 504722 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-05 |
| 3708 | ALL | 504822 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 3709 | ALL | 504922 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.92E-05 |
| 3710 | ALL | 505022 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-05 |
| 3711 | ALL | 505122 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-05 |
| 3712 | ALL | 505222 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3713 | ALL | 505322 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 3714 | ALL | 505422 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 3715 | ALL | 505522 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 3716 | ALL | 505622 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 3717 | ALL | 505722 | 3636376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 3718 | ALL | 501722 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-05 |
| 3719 | ALL | 501822 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 |
| 3720 | ALL | 501922 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-05 |
| 3721 | ALL | 502022 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-05 |
| 3722 | ALL | 502122 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-05 |
| 3723 | ALL | 502222 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 3724 | ALL | 502322 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3725 | ALL | 502422 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 3726 | ALL | 502522 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-05 |
| 3727 | ALL | 502622 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-05 |
| 3728 | ALL | 502722 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 3729 | ALL | 502822 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 3730 | ALL | 502922 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 3731 | ALL | 503022 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 3732 | ALL | 503122 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 3733 | ALL | 503222 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.08E-05 |
| 3734 | ALL | 503322 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 3735 | ALL | 503422 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |
| 3736 | ALL | 503522 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 3737 | ALL | 503622 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 |
| 3738 | ALL | 503722 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 3739 | ALL | 503822 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 3740 | ALL | 503922 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 |
| 3741 | ALL | 504022 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 3742 | ALL | 504122 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-05 |
| 3743 | ALL | 504222 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 3744 | ALL | 504322 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-05 |
| 3745 | ALL | 504422 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-05 |
| 3746 | ALL | 504522 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 3747 | ALL | 504622 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-05 |
| 3748 | ALL | 504722 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 3749 | ALL | 504822 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 3750 | ALL | 504922 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-05 |
| 3751 | ALL | 505022 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 3752 | ALL | 505122 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 3753 | ALL | 505222 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-05 |
| 3754 | ALL | 505322 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 3755 | ALL | 505422 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 3756 | ALL | 505522 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 3757 | ALL | 505622 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 |
| 3758 | ALL | 505722 | 3636476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |

1.24E-03

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/10/2025
** File: C:\Users\dlarocca\Desktop\Lakes Files\SanteeOpRev1\SanteeOpRev1.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\dlarocca\Desktop\Air Quality Work\Lakes\SanteeOp\SanteeOp.i
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 3276208 County_of_San_Diego
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL SanteeOpRev1.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = IDLEN
** DESCRSRC Truck Loading idle nort
** PREFIX
** Length of Side = 8.60
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 8.00
** SZINIT = 3.72
** Nodes = 2
** 503741.620, 3634529.941, 108.03, 4.00, 4.00
** 503830.795, 3634529.941, 108.34, 4.00, 4.00
** ------------------------------------------------------------------
```

```
   LOCATION L0000001     VOLUME   503745.920 3634529.941 108.14
   LOCATION L0000002     VOLUME   503754.520 3634529.941 108.05
   LOCATION L0000003     VOLUME   503763.120 3634529.941 108.05
   LOCATION L0000004     VOLUME   503771.720 3634529.941 108.07
   LOCATION L0000005     VOLUME   503780.320 3634529.941 108.08
   LOCATION L0000006     VOLUME   503788.920 3634529.941 108.11
   LOCATION L0000007     VOLUME   503797.520 3634529.941 108.14
   LOCATION L0000008     VOLUME   503806.120 3634529.941 108.16
   LOCATION L0000009     VOLUME   503814.720 3634529.941 108.24
   LOCATION L0000010     VOLUME   503823.320 3634529.941 108.32
** End of LINE VOLUME Source ID = IDLEN
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = IDLES
** DESCRSRC Truck Idle south laoding bays
** PREFIX
** Length of Side = 8.60
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 8.00
** SZINIT = 3.72
** Nodes = 2
** 503745.851, 3634401.061, 108.92, 4.00, 4.00
** 503829.493, 3634401.386, 109.42, 4.00, 4.00
** ------------------------------------------------------------------
   LOCATION L0000310     VOLUME   503750.151 3634401.078 109.04
   LOCATION L0000311     VOLUME   503758.750 3634401.111 109.07
   LOCATION L0000312     VOLUME   503767.350 3634401.145 109.06
   LOCATION L0000313     VOLUME   503775.950 3634401.178 109.04
   LOCATION L0000314     VOLUME   503784.550 3634401.211 109.06
   LOCATION L0000315     VOLUME   503793.150 3634401.245 109.15
   LOCATION L0000316     VOLUME   503801.750 3634401.278 109.23
   LOCATION L0000317     VOLUME   503810.350 3634401.312 109.30
   LOCATION L0000318     VOLUME   503818.950 3634401.345 109.34
   LOCATION L0000319     VOLUME   503827.550 3634401.379 109.38
** End of LINE VOLUME Source ID = IDLES
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FORKN
** DESCRSRC Forklift operation north loadting bays
** PREFIX
** Length of Side = 8.60
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 503742.921, 3634542.634, 108.15, 3.40, 4.00
** 503821.682, 3634542.634, 107.75, 3.40, 4.00
** ------------------------------------------------------------------
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   LOCATION L0000910     VOLUME   503747.221 3634542.634 108.34
   LOCATION L0000911     VOLUME   503755.821 3634542.634 108.22
   LOCATION L0000912     VOLUME   503764.421 3634542.634 108.14
   LOCATION L0000913     VOLUME   503773.021 3634542.634 108.07
   LOCATION L0000914     VOLUME   503781.621 3634542.634 108.00
   LOCATION L0000915     VOLUME   503790.221 3634542.634 108.04
   LOCATION L0000916     VOLUME   503798.821 3634542.634 108.08
   LOCATION L0000917     VOLUME   503807.421 3634542.634 108.13
   LOCATION L0000918     VOLUME   503816.021 3634542.634 108.19
** End of LINE VOLUME Source ID = FORKN
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FORKS
** DESCRSRC Forklift operation south loading bays
** PREFIX
** Length of Side = 8.60
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 503748.780, 3634389.019, 109.06, 3.40, 4.00
** 503827.540, 3634389.344, 109.43, 3.40, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000919     VOLUME   503753.080 3634389.037 109.09
   LOCATION L0000920     VOLUME   503761.680 3634389.072 109.11
   LOCATION L0000921     VOLUME   503770.279 3634389.108 109.10
   LOCATION L0000922     VOLUME   503778.879 3634389.143 109.10
   LOCATION L0000923     VOLUME   503787.479 3634389.179 109.14
   LOCATION L0000924     VOLUME   503796.079 3634389.214 109.21
   LOCATION L0000925     VOLUME   503804.679 3634389.250 109.27
   LOCATION L0000926     VOLUME   503813.279 3634389.286 109.32
   LOCATION L0000927     VOLUME   503821.879 3634389.321 109.37
** End of LINE VOLUME Source ID = FORKS
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCKS
** DESCRSRC All trucks south
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 8
** 503939.902, 3634226.948, 111.37, 3.40, 6.23
** 503795.320, 3634082.366, 112.56, 3.40, 6.23
** 503676.688, 3633874.761, 115.44, 3.40, 6.23
** 503580.300, 3633596.719, 124.29, 3.40, 6.23
** 503546.935, 3633403.943, 130.58, 3.40, 6.23
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** 503550.643, 3633159.265, 136.46, 3.40, 6.23
** 503546.935, 3633025.805, 136.37, 3.40, 6.23
** 503550.643, 3632888.637, 135.05, 3.40, 6.23
** ------------------------------------------------------------------
   LOCATION L0000595     VOLUME   503935.164 3634222.211 111.59
   LOCATION L0000596     VOLUME   503925.689 3634212.735 111.61
   LOCATION L0000597     VOLUME   503916.214 3634203.260 111.55
   LOCATION L0000598     VOLUME   503906.739 3634193.785 111.80
   LOCATION L0000599     VOLUME   503897.263 3634184.310 111.79
   LOCATION L0000600     VOLUME   503887.788 3634174.835 111.71
   LOCATION L0000601     VOLUME   503878.313 3634165.359 111.93
   LOCATION L0000602     VOLUME   503868.838 3634155.884 111.88
   LOCATION L0000603     VOLUME   503859.362 3634146.409 111.68
   LOCATION L0000604     VOLUME   503849.887 3634136.934 112.01
   LOCATION L0000605     VOLUME   503840.412 3634127.458 112.45
   LOCATION L0000606     VOLUME   503830.937 3634117.983 112.67
   LOCATION L0000607     VOLUME   503821.462 3634108.508 112.46
   LOCATION L0000608     VOLUME   503811.986 3634099.033 112.80
   LOCATION L0000609     VOLUME   503802.511 3634089.557 113.06
   LOCATION L0000610     VOLUME   503793.717 3634079.562 112.63
   LOCATION L0000611     VOLUME   503787.069 3634067.927 112.99
   LOCATION L0000612     VOLUME   503780.421 3634056.293 113.55
   LOCATION L0000613     VOLUME   503773.773 3634044.658 113.07
   LOCATION L0000614     VOLUME   503767.124 3634033.024 113.18
   LOCATION L0000615     VOLUME   503760.476 3634021.389 113.43
   LOCATION L0000616     VOLUME   503753.828 3634009.755 113.22
   LOCATION L0000617     VOLUME   503747.179 3633998.121 113.10
   LOCATION L0000618     VOLUME   503740.531 3633986.486 113.27
   LOCATION L0000619     VOLUME   503733.883 3633974.852 113.48
   LOCATION L0000620     VOLUME   503727.235 3633963.217 113.58
   LOCATION L0000621     VOLUME   503720.586 3633951.583 113.62
   LOCATION L0000622     VOLUME   503713.938 3633939.948 113.96
   LOCATION L0000623     VOLUME   503707.290 3633928.314 114.26
   LOCATION L0000624     VOLUME   503700.642 3633916.679 114.22
   LOCATION L0000625     VOLUME   503693.993 3633905.045 114.62
   LOCATION L0000626     VOLUME   503687.345 3633893.410 115.09
   LOCATION L0000627     VOLUME   503680.697 3633881.776 115.38
   LOCATION L0000628     VOLUME   503674.946 3633869.734 115.63
   LOCATION L0000629     VOLUME   503670.557 3633857.073 116.17
   LOCATION L0000630     VOLUME   503666.167 3633844.412 116.77
   LOCATION L0000631     VOLUME   503661.778 3633831.752 116.99
   LOCATION L0000632     VOLUME   503657.389 3633819.091 117.05
   LOCATION L0000633     VOLUME   503653.000 3633806.430 117.28
   LOCATION L0000634     VOLUME   503648.611 3633793.769 117.95
   LOCATION L0000635     VOLUME   503644.222 3633781.108 118.60
   LOCATION L0000636     VOLUME   503639.833 3633768.448 118.85
   LOCATION L0000637     VOLUME   503635.444 3633755.787 119.08
   LOCATION L0000638     VOLUME   503631.055 3633743.126 118.48
   LOCATION L0000639     VOLUME   503626.666 3633730.465 117.46
   LOCATION L0000640     VOLUME   503622.277 3633717.804 117.38
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LOCATION L0000641 VOLUME 503617.888 3633705.143 119.23
LOCATION L0000642 VOLUME 503613.499 3633692.483 120.61
LOCATION L0000643 VOLUME 503609.109 3633679.822 121.04
LOCATION L0000644 VOLUME 503604.720 3633667.161 121.60
LOCATION L0000645 VOLUME 503600.331 3633654.500 122.58
LOCATION L0000646 VOLUME 503595.942 3633641.839 123.03
LOCATION L0000647 VOLUME 503591.553 3633629.179 123.47
LOCATION L0000648 VOLUME 503587.164 3633616.518 123.59
LOCATION L0000649 VOLUME 503582.775 3633603.857 123.80
LOCATION L0000650 VOLUME 503579.304 3633590.959 124.22
LOCATION L0000651 VOLUME 503577.018 3633577.756 124.82
LOCATION L0000652 VOLUME 503574.733 3633564.552 125.46
LOCATION L0000653 VOLUME 503572.448 3633551.348 125.91
LOCATION L0000654 VOLUME 503570.163 3633538.145 126.34
LOCATION L0000655 VOLUME 503567.877 3633524.941 126.75
LOCATION L0000656 VOLUME 503565.592 3633511.737 127.16
LOCATION L0000657 VOLUME 503563.307 3633498.534 127.57
LOCATION L0000658 VOLUME 503561.022 3633485.330 127.96
LOCATION L0000659 VOLUME 503558.736 3633472.126 128.36
LOCATION L0000660 VOLUME 503556.451 3633458.922 128.83
LOCATION L0000661 VOLUME 503554.166 3633445.719 129.26
LOCATION L0000662 VOLUME 503551.881 3633432.515 129.74
LOCATION L0000663 VOLUME 503549.595 3633419.311 130.04
LOCATION L0000664 VOLUME 503547.310 3633406.108 130.45
LOCATION L0000665 VOLUME 503547.105 3633392.741 130.92
LOCATION L0000666 VOLUME 503547.308 3633379.343 131.35
LOCATION L0000667 VOLUME 503547.511 3633365.944 131.76
LOCATION L0000668 VOLUME 503547.714 3633352.546 132.17
LOCATION L0000669 VOLUME 503547.917 3633339.147 132.56
LOCATION L0000670 VOLUME 503548.120 3633325.749 132.95
LOCATION L0000671 VOLUME 503548.323 3633312.350 133.36
LOCATION L0000672 VOLUME 503548.526 3633298.952 133.80
LOCATION L0000673 VOLUME 503548.729 3633285.553 134.24
LOCATION L0000674 VOLUME 503548.932 3633272.155 134.59
LOCATION L0000675 VOLUME 503549.135 3633258.757 134.95
LOCATION L0000676 VOLUME 503549.338 3633245.358 135.25
LOCATION L0000677 VOLUME 503549.541 3633231.960 135.55
LOCATION L0000678 VOLUME 503549.744 3633218.561 135.79
LOCATION L0000679 VOLUME 503549.947 3633205.163 136.00
LOCATION L0000680 VOLUME 503550.150 3633191.764 136.17
LOCATION L0000681 VOLUME 503550.353 3633178.366 136.31
LOCATION L0000682 VOLUME 503550.556 3633164.967 136.45
LOCATION L0000683 VOLUME 503550.429 3633151.571 136.60
LOCATION L0000684 VOLUME 503550.057 3633138.176 136.75
LOCATION L0000685 VOLUME 503549.685 3633124.781 136.82
LOCATION L0000686 VOLUME 503549.313 3633111.386 136.85
LOCATION L0000687 VOLUME 503548.940 3633097.992 136.88
LOCATION L0000688 VOLUME 503548.568 3633084.597 136.92
LOCATION L0000689 VOLUME 503548.196 3633071.202 136.91
LOCATION L0000690 VOLUME 503547.824 3633057.807 136.84

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   LOCATION L0000691     VOLUME   503547.452 3633044.412 136.76
   LOCATION L0000692     VOLUME   503547.080 3633031.017 136.66
   LOCATION L0000693     VOLUME   503547.156 3633017.622 136.64
   LOCATION L0000694     VOLUME   503547.518 3633004.227 136.62
   LOCATION L0000695     VOLUME   503547.880 3632990.832 136.56
   LOCATION L0000696     VOLUME   503548.243 3632977.437 136.50
   LOCATION L0000697     VOLUME   503548.605 3632964.042 136.39
   LOCATION L0000698     VOLUME   503548.967 3632950.647 136.19
   LOCATION L0000699     VOLUME   503549.329 3632937.252 135.97
   LOCATION L0000700     VOLUME   503549.691 3632923.857 135.74
   LOCATION L0000701     VOLUME   503550.053 3632910.462 135.49
   LOCATION L0000702     VOLUME   503550.415 3632897.066 135.22
** End of LINE VOLUME Source ID = TRUCKS
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCKW
** DESCRSRC Trucks west
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 7
** 503524.692, 3632870.101, 129.56, 3.40, 6.23
** 503450.547, 3632777.420, 126.08, 3.40, 6.23
** 503324.501, 3632729.226, 129.00, 3.40, 6.23
** 503161.383, 3632718.105, 134.94, 3.40, 6.23
** 502905.584, 3632721.812, 123.75, 3.40, 6.23
** 502586.762, 3632747.763, 118.82, 3.40, 6.23
** 501563.566, 3632762.591, 117.03, 3.40, 6.23
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   LOCATION L0000760     VOLUME   503520.506 3632864.869 128.93
   LOCATION L0000761     VOLUME   503512.136 3632854.406 128.48
   LOCATION L0000762     VOLUME   503503.765 3632843.942 128.30
   LOCATION L0000763     VOLUME   503495.394 3632833.478 128.16
   LOCATION L0000764     VOLUME   503487.023 3632823.015 128.07
   LOCATION L0000765     VOLUME   503478.652 3632812.551 127.80
   LOCATION L0000766     VOLUME   503470.281 3632802.088 127.26
   LOCATION L0000767     VOLUME   503461.910 3632791.624 126.27
   LOCATION L0000768     VOLUME   503453.539 3632781.160 126.02
   LOCATION L0000769     VOLUME   503442.504 3632774.345 125.77
   LOCATION L0000770     VOLUME   503429.988 3632769.560 125.70
   LOCATION L0000771     VOLUME   503417.472 3632764.774 125.69
   LOCATION L0000772     VOLUME   503404.956 3632759.988 125.34
   LOCATION L0000773     VOLUME   503392.439 3632755.203 124.92
   LOCATION L0000774     VOLUME   503379.923 3632750.417 124.21
   LOCATION L0000775     VOLUME   503367.407 3632745.631 123.65
   LOCATION L0000776     VOLUME   503354.890 3632740.846 124.06
   LOCATION L0000777     VOLUME   503342.374 3632736.060 124.68
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LOCATION L0000778 VOLUME 503329.858 3632731.274 127.10
LOCATION L0000779 VOLUME 503316.854 3632728.705 129.69
LOCATION L0000780 VOLUME 503303.485 3632727.793 132.31
LOCATION L0000781 VOLUME 503290.116 3632726.882 134.89
LOCATION L0000782 VOLUME 503276.747 3632725.970 134.93
LOCATION L0000783 VOLUME 503263.378 3632725.059 134.69
LOCATION L0000784 VOLUME 503250.009 3632724.147 134.32
LOCATION L0000785 VOLUME 503236.640 3632723.236 133.95
LOCATION L0000786 VOLUME 503223.271 3632722.324 133.81
LOCATION L0000787 VOLUME 503209.902 3632721.413 133.73
LOCATION L0000788 VOLUME 503196.533 3632720.501 134.02
LOCATION L0000789 VOLUME 503183.164 3632719.590 134.34
LOCATION L0000790 VOLUME 503169.795 3632718.678 134.39
LOCATION L0000791 VOLUME 503156.415 3632718.177 134.32
LOCATION L0000792 VOLUME 503143.017 3632718.371 133.78
LOCATION L0000793 VOLUME 503129.618 3632718.565 133.25
LOCATION L0000794 VOLUME 503116.219 3632718.759 132.71
LOCATION L0000795 VOLUME 503102.821 3632718.953 132.19
LOCATION L0000796 VOLUME 503089.422 3632719.148 131.70
LOCATION L0000797 VOLUME 503076.024 3632719.342 131.18
LOCATION L0000798 VOLUME 503062.625 3632719.536 130.59
LOCATION L0000799 VOLUME 503049.226 3632719.730 130.01
LOCATION L0000800 VOLUME 503035.828 3632719.924 129.45
LOCATION L0000801 VOLUME 503022.429 3632720.118 128.92
LOCATION L0000802 VOLUME 503009.031 3632720.313 128.42
LOCATION L0000803 VOLUME 502995.632 3632720.507 127.93
LOCATION L0000804 VOLUME 502982.234 3632720.701 127.45
LOCATION L0000805 VOLUME 502968.835 3632720.895 127.03
LOCATION L0000806 VOLUME 502955.436 3632721.089 126.65
LOCATION L0000807 VOLUME 502942.038 3632721.284 126.08
LOCATION L0000808 VOLUME 502928.639 3632721.478 125.43
LOCATION L0000809 VOLUME 502915.241 3632721.672 124.71
LOCATION L0000810 VOLUME 502901.854 3632722.116 124.02
LOCATION L0000811 VOLUME 502888.498 3632723.203 123.68
LOCATION L0000812 VOLUME 502875.142 3632724.290 123.47
LOCATION L0000813 VOLUME 502861.786 3632725.377 123.15
LOCATION L0000814 VOLUME 502848.431 3632726.464 122.84
LOCATION L0000815 VOLUME 502835.075 3632727.551 122.58
LOCATION L0000816 VOLUME 502821.719 3632728.638 122.38
LOCATION L0000817 VOLUME 502808.363 3632729.725 122.25
LOCATION L0000818 VOLUME 502795.007 3632730.812 122.17
LOCATION L0000819 VOLUME 502781.651 3632731.899 122.21
LOCATION L0000820 VOLUME 502768.296 3632732.987 122.25
LOCATION L0000821 VOLUME 502754.940 3632734.074 122.24
LOCATION L0000822 VOLUME 502741.584 3632735.161 121.62
LOCATION L0000823 VOLUME 502728.228 3632736.248 121.07
LOCATION L0000824 VOLUME 502714.872 3632737.335 120.53
LOCATION L0000825 VOLUME 502701.516 3632738.422 120.02
LOCATION L0000826 VOLUME 502688.161 3632739.509 119.53
LOCATION L0000827 VOLUME 502674.805 3632740.596 119.08

LOCATION L0000828 VOLUME 502661.449 3632741.683 118.76
LOCATION L0000829 VOLUME 502648.093 3632742.770 118.82
LOCATION L0000830 VOLUME 502634.737 3632743.858 118.94
LOCATION L0000831 VOLUME 502621.381 3632744.945 118.97
LOCATION L0000832 VOLUME 502608.026 3632746.032 119.08
LOCATION L0000833 VOLUME 502594.670 3632747.119 119.26
LOCATION L0000834 VOLUME 502581.297 3632747.842 119.25
LOCATION L0000835 VOLUME 502567.898 3632748.036 118.84
LOCATION L0000836 VOLUME 502554.499 3632748.230 118.55
LOCATION L0000837 VOLUME 502541.101 3632748.424 118.40
LOCATION L0000838 VOLUME 502527.702 3632748.618 118.18
LOCATION L0000839 VOLUME 502514.304 3632748.813 117.90
LOCATION L0000840 VOLUME 502500.905 3632749.007 115.63
LOCATION L0000841 VOLUME 502487.506 3632749.201 111.98
LOCATION L0000842 VOLUME 502474.108 3632749.395 110.23
LOCATION L0000843 VOLUME 502460.709 3632749.589 109.51
LOCATION L0000844 VOLUME 502447.311 3632749.784 111.66
LOCATION L0000845 VOLUME 502433.912 3632749.978 115.00
LOCATION L0000846 VOLUME 502420.513 3632750.172 115.62
LOCATION L0000847 VOLUME 502407.115 3632750.366 115.41
LOCATION L0000848 VOLUME 502393.716 3632750.560 115.11
LOCATION L0000849 VOLUME 502380.318 3632750.754 114.79
LOCATION L0000850 VOLUME 502366.919 3632750.949 114.49
LOCATION L0000851 VOLUME 502353.520 3632751.143 114.19
LOCATION L0000852 VOLUME 502340.122 3632751.337 113.97
LOCATION L0000853 VOLUME 502326.723 3632751.531 113.75
LOCATION L0000854 VOLUME 502313.325 3632751.725 113.52
LOCATION L0000855 VOLUME 502299.926 3632751.920 113.28
LOCATION L0000856 VOLUME 502286.527 3632752.114 113.01
LOCATION L0000857 VOLUME 502273.129 3632752.308 112.73
LOCATION L0000858 VOLUME 502259.730 3632752.502 112.46
LOCATION L0000859 VOLUME 502246.332 3632752.696 112.20
LOCATION L0000860 VOLUME 502232.933 3632752.890 111.98
LOCATION L0000861 VOLUME 502219.535 3632753.085 111.78
LOCATION L0000862 VOLUME 502206.136 3632753.279 111.63
LOCATION L0000863 VOLUME 502192.737 3632753.473 111.48
LOCATION L0000864 VOLUME 502179.339 3632753.667 111.36
LOCATION L0000865 VOLUME 502165.940 3632753.861 111.26
LOCATION L0000866 VOLUME 502152.542 3632754.056 111.21
LOCATION L0000867 VOLUME 502139.143 3632754.250 111.18
LOCATION L0000868 VOLUME 502125.744 3632754.444 111.18
LOCATION L0000869 VOLUME 502112.346 3632754.638 111.20
LOCATION L0000870 VOLUME 502098.947 3632754.832 111.25
LOCATION L0000871 VOLUME 502085.549 3632755.026 111.32
LOCATION L0000872 VOLUME 502072.150 3632755.221 111.42
LOCATION L0000873 VOLUME 502058.751 3632755.415 111.54
LOCATION L0000874 VOLUME 502045.353 3632755.609 111.69
LOCATION L0000875 VOLUME 502031.954 3632755.803 111.85
LOCATION L0000876 VOLUME 502018.556 3632755.997 112.01
LOCATION L0000877 VOLUME 502005.157 3632756.192 111.71

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   LOCATION L0000878     VOLUME   501991.758 3632756.386 111.25
   LOCATION L0000879     VOLUME   501978.360 3632756.580 111.20
   LOCATION L0000880     VOLUME   501964.961 3632756.774 111.27
   LOCATION L0000881     VOLUME   501951.563 3632756.968 111.40
   LOCATION L0000882     VOLUME   501938.164 3632757.162 111.55
   LOCATION L0000883     VOLUME   501924.765 3632757.357 111.73
   LOCATION L0000884     VOLUME   501911.367 3632757.551 111.91
   LOCATION L0000885     VOLUME   501897.968 3632757.745 112.05
   LOCATION L0000886     VOLUME   501884.570 3632757.939 112.19
   LOCATION L0000887     VOLUME   501871.171 3632758.133 112.40
   LOCATION L0000888     VOLUME   501857.772 3632758.328 112.61
   LOCATION L0000889     VOLUME   501844.374 3632758.522 112.75
   LOCATION L0000890     VOLUME   501830.975 3632758.716 112.89
   LOCATION L0000891     VOLUME   501817.577 3632758.910 113.00
   LOCATION L0000892     VOLUME   501804.178 3632759.104 113.12
   LOCATION L0000893     VOLUME   501790.780 3632759.298 113.30
   LOCATION L0000894     VOLUME   501777.381 3632759.493 113.49
   LOCATION L0000895     VOLUME   501763.982 3632759.687 113.70
   LOCATION L0000896     VOLUME   501750.584 3632759.881 113.90
   LOCATION L0000897     VOLUME   501737.185 3632760.075 114.11
   LOCATION L0000898     VOLUME   501723.787 3632760.269 114.34
   LOCATION L0000899     VOLUME   501710.388 3632760.464 114.62
   LOCATION L0000900     VOLUME   501696.989 3632760.658 114.98
   LOCATION L0000901     VOLUME   501683.591 3632760.852 115.43
   LOCATION L0000902     VOLUME   501670.192 3632761.046 115.73
   LOCATION L0000903     VOLUME   501656.794 3632761.240 115.90
   LOCATION L0000904     VOLUME   501643.395 3632761.435 116.05
   LOCATION L0000905     VOLUME   501629.996 3632761.629 116.20
   LOCATION L0000906     VOLUME   501616.598 3632761.823 116.37
   LOCATION L0000907     VOLUME   501603.199 3632762.017 116.55
   LOCATION L0000908     VOLUME   501589.801 3632762.211 116.74
   LOCATION L0000909     VOLUME   501576.402 3632762.405 116.92
** End of LINE VOLUME Source ID = TRUCKW
   LOCATION FIRE         POINT      503852.920  3634394.250      109.600
** DESCRSRC Fire pump engine
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ENTER
** DESCRSRC All trucks enter and exit site
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 3
** 503907.740, 3634377.785, 109.16, 3.40, 6.23
** 503938.980, 3634370.409, 109.26, 3.40, 6.23
** 503943.318, 3634266.279, 109.59, 3.40, 6.23
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   LOCATION L0000928     VOLUME   503914.261 3634376.245 109.17
   LOCATION L0000929     VOLUME   503927.303 3634373.166 109.21
   LOCATION L0000930     VOLUME   503939.038 3634369.008 109.26
   LOCATION L0000931     VOLUME   503939.596 3634355.620 109.31
   LOCATION L0000932     VOLUME   503940.154 3634342.231 109.35
   LOCATION L0000933     VOLUME   503940.711 3634328.843 109.40
   LOCATION L0000934     VOLUME   503941.269 3634315.455 109.45
   LOCATION L0000935     VOLUME   503941.827 3634302.066 109.49
   LOCATION L0000936     VOLUME   503942.385 3634288.678 109.47
   LOCATION L0000937     VOLUME   503942.943 3634275.290 109.46
** End of LINE VOLUME Source ID = ENTER
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ONSITE
** DESCRSRC Truck travel around the warehouse
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 5
** 503888.369, 3634377.504, 109.32, 3.40, 6.23
** 503679.087, 3634376.994, 108.95, 3.40, 6.23
** 503681.129, 3634554.628, 108.43, 3.40, 6.23
** 503906.745, 3634555.139, 108.67, 3.40, 6.23
** 503908.277, 3634398.432, 109.22, 3.40, 6.23
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   LOCATION L0000938     VOLUME   503881.670 3634377.488 109.31
   LOCATION L0000939     VOLUME   503868.270 3634377.455 109.41
   LOCATION L0000940     VOLUME   503854.870 3634377.422 109.46
   LOCATION L0000941     VOLUME   503841.470 3634377.390 109.43
   LOCATION L0000942     VOLUME   503828.070 3634377.357 109.38
   LOCATION L0000943     VOLUME   503814.670 3634377.324 109.29
   LOCATION L0000944     VOLUME   503801.270 3634377.292 109.24
   LOCATION L0000945     VOLUME   503787.870 3634377.259 109.21
   LOCATION L0000946     VOLUME   503774.470 3634377.226 109.18
   LOCATION L0000947     VOLUME   503761.070 3634377.194 109.14
   LOCATION L0000948     VOLUME   503747.670 3634377.161 109.10
   LOCATION L0000949     VOLUME   503734.270 3634377.128 109.07
   LOCATION L0000950     VOLUME   503720.870 3634377.096 109.04
   LOCATION L0000951     VOLUME   503707.470 3634377.063 109.02
   LOCATION L0000952     VOLUME   503694.070 3634377.030 109.00
   LOCATION L0000953     VOLUME   503680.670 3634376.998 108.97
   LOCATION L0000954     VOLUME   503679.223 3634388.810 108.99
   LOCATION L0000955     VOLUME   503679.377 3634402.209 108.95
   LOCATION L0000956     VOLUME   503679.531 3634415.608 108.82
   LOCATION L0000957     VOLUME   503679.685 3634429.008 108.70
   LOCATION L0000958     VOLUME   503679.839 3634442.407 108.58
   LOCATION L0000959     VOLUME   503679.993 3634455.806 108.47
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   LOCATION L0000960     VOLUME   503680.147 3634469.205 108.53
   LOCATION L0000961     VOLUME   503680.301 3634482.604 108.62
   LOCATION L0000962     VOLUME   503680.455 3634496.003 108.67
   LOCATION L0000963     VOLUME   503680.609 3634509.402 108.66
   LOCATION L0000964     VOLUME   503680.763 3634522.801 108.65
   LOCATION L0000965     VOLUME   503680.917 3634536.201 108.68
   LOCATION L0000966     VOLUME   503681.071 3634549.600 108.71
   LOCATION L0000967     VOLUME   503689.500 3634554.647 108.25
   LOCATION L0000968     VOLUME   503702.900 3634554.677 108.44
   LOCATION L0000969     VOLUME   503716.300 3634554.708 108.33
   LOCATION L0000970     VOLUME   503729.700 3634554.738 108.20
   LOCATION L0000971     VOLUME   503743.100 3634554.768 107.93
   LOCATION L0000972     VOLUME   503756.500 3634554.799 107.66
   LOCATION L0000973     VOLUME   503769.900 3634554.829 107.57
   LOCATION L0000974     VOLUME   503783.300 3634554.859 107.48
   LOCATION L0000975     VOLUME   503796.700 3634554.890 107.53
   LOCATION L0000976     VOLUME   503810.100 3634554.920 107.59
   LOCATION L0000977     VOLUME   503823.500 3634554.950 107.65
   LOCATION L0000978     VOLUME   503836.900 3634554.981 107.75
   LOCATION L0000979     VOLUME   503850.300 3634555.011 108.04
   LOCATION L0000980     VOLUME   503863.700 3634555.041 108.26
   LOCATION L0000981     VOLUME   503877.100 3634555.071 108.33
   LOCATION L0000982     VOLUME   503890.500 3634555.102 108.35
   LOCATION L0000983     VOLUME   503903.900 3634555.132 108.29
   LOCATION L0000984     VOLUME   503906.849 3634544.585 109.03
   LOCATION L0000985     VOLUME   503906.980 3634531.185 109.31
   LOCATION L0000986     VOLUME   503907.110 3634517.786 109.53
   LOCATION L0000987     VOLUME   503907.241 3634504.387 109.49
   LOCATION L0000988     VOLUME   503907.372 3634490.987 109.46
   LOCATION L0000989     VOLUME   503907.503 3634477.588 109.41
   LOCATION L0000990     VOLUME   503907.634 3634464.189 109.36
   LOCATION L0000991     VOLUME   503907.765 3634450.789 109.33
   LOCATION L0000992     VOLUME   503907.896 3634437.390 109.32
   LOCATION L0000993     VOLUME   503908.027 3634423.990 109.29
   LOCATION L0000994     VOLUME   503908.158 3634410.591 109.25
** End of LINE VOLUME Source ID = ONSITE
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCKN
** DESCRSRC 10% Trucks North
** PREFIX
** Length of Side = 13.40
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 9
** 503960.098, 3634237.053, 111.68, 3.40, 6.23
** 504538.014, 3634781.578, 112.17, 3.40, 6.23
** 504787.160, 3635071.820, 119.29, 3.40, 6.23
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** 504951.545, 3635210.519, 114.34, 3.40, 6.23
** 505085.107, 3635254.184, 121.79, 3.40, 6.23
** 505663.023, 3635333.808, 116.21, 3.40, 6.23
** 505873.641, 3635398.021, 117.37, 3.40, 6.23
** 505886.484, 3635398.021, 117.55, 3.40, 6.23
** 505878.778, 3635403.158, 117.39, 3.40, 6.23
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   LOCATION L0000995     VOLUME   503964.975 3634241.647 111.77
   LOCATION L0000996     VOLUME   503974.727 3634250.837 111.41
   LOCATION L0000997     VOLUME   503984.480 3634260.026 111.07
   LOCATION L0000998     VOLUME   503994.233 3634269.215 110.97
   LOCATION L0000999     VOLUME   504003.986 3634278.404 111.25
   LOCATION L0001000     VOLUME   504013.739 3634287.594 111.30
   LOCATION L0001001     VOLUME   504023.491 3634296.783 111.20
   LOCATION L0001002     VOLUME   504033.244 3634305.972 111.47
   LOCATION L0001003     VOLUME   504042.997 3634315.162 111.52
   LOCATION L0001004     VOLUME   504052.750 3634324.351 111.32
   LOCATION L0001005     VOLUME   504062.503 3634333.540 111.58
   LOCATION L0001006     VOLUME   504072.255 3634342.730 111.50
   LOCATION L0001007     VOLUME   504082.008 3634351.919 111.21
   LOCATION L0001008     VOLUME   504091.761 3634361.108 111.25
   LOCATION L0001009     VOLUME   504101.514 3634370.297 111.25
   LOCATION L0001010     VOLUME   504111.266 3634379.487 111.08
   LOCATION L0001011     VOLUME   504121.019 3634388.676 110.99
   LOCATION L0001012     VOLUME   504130.772 3634397.865 111.14
   LOCATION L0001013     VOLUME   504140.525 3634407.055 111.32
   LOCATION L0001014     VOLUME   504150.278 3634416.244 111.26
   LOCATION L0001015     VOLUME   504160.030 3634425.433 111.33
   LOCATION L0001016     VOLUME   504169.783 3634434.622 111.47
   LOCATION L0001017     VOLUME   504179.536 3634443.812 111.27
   LOCATION L0001018     VOLUME   504189.289 3634453.001 111.28
   LOCATION L0001019     VOLUME   504199.042 3634462.190 111.38
   LOCATION L0001020     VOLUME   504208.794 3634471.380 111.09
   LOCATION L0001021     VOLUME   504218.547 3634480.569 111.09
   LOCATION L0001022     VOLUME   504228.300 3634489.758 111.24
   LOCATION L0001023     VOLUME   504238.053 3634498.948 111.12
   LOCATION L0001024     VOLUME   504247.806 3634508.137 111.15
   LOCATION L0001025     VOLUME   504257.558 3634517.326 111.21
   LOCATION L0001026     VOLUME   504267.311 3634526.515 111.31
   LOCATION L0001027     VOLUME   504277.064 3634535.705 111.30
   LOCATION L0001028     VOLUME   504286.817 3634544.894 111.26
   LOCATION L0001029     VOLUME   504296.569 3634554.083 111.32
   LOCATION L0001030     VOLUME   504306.322 3634563.273 111.26
   LOCATION L0001031     VOLUME   504316.075 3634572.462 111.21
   LOCATION L0001032     VOLUME   504325.828 3634581.651 111.29
   LOCATION L0001033     VOLUME   504335.581 3634590.840 111.22
   LOCATION L0001034     VOLUME   504345.333 3634600.030 111.22
   LOCATION L0001035     VOLUME   504355.086 3634609.219 111.35
   LOCATION L0001036     VOLUME   504364.839 3634618.408 111.41
   LOCATION L0001037     VOLUME   504374.592 3634627.598 111.45
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LOCATION L0001038     VOLUME   504384.345 3634636.787 111.55
LOCATION L0001039     VOLUME   504394.097 3634645.976 111.61
LOCATION L0001040     VOLUME   504403.850 3634655.166 111.66
LOCATION L0001041     VOLUME   504413.603 3634664.355 111.75
LOCATION L0001042     VOLUME   504423.356 3634673.544 111.81
LOCATION L0001043     VOLUME   504433.108 3634682.733 111.84
LOCATION L0001044     VOLUME   504442.861 3634691.923 111.87
LOCATION L0001045     VOLUME   504452.614 3634701.112 111.95
LOCATION L0001046     VOLUME   504462.367 3634710.301 111.97
LOCATION L0001047     VOLUME   504472.120 3634719.491 111.99
LOCATION L0001048     VOLUME   504481.872 3634728.680 112.09
LOCATION L0001049     VOLUME   504491.625 3634737.869 112.09
LOCATION L0001050     VOLUME   504501.378 3634747.058 112.08
LOCATION L0001051     VOLUME   504511.131 3634756.248 112.18
LOCATION L0001052     VOLUME   504520.884 3634765.437 112.19
LOCATION L0001053     VOLUME   504530.636 3634774.626 112.18
LOCATION L0001054     VOLUME   504540.140 3634784.054 112.21
LOCATION L0001055     VOLUME   504548.868 3634794.222 112.21
LOCATION L0001056     VOLUME   504557.596 3634804.389 112.22
LOCATION L0001057     VOLUME   504566.324 3634814.557 112.29
LOCATION L0001058     VOLUME   504575.052 3634824.725 112.34
LOCATION L0001059     VOLUME   504583.780 3634834.892 112.37
LOCATION L0001060     VOLUME   504592.508 3634845.060 112.40
LOCATION L0001061     VOLUME   504601.236 3634855.228 112.43
LOCATION L0001062     VOLUME   504609.964 3634865.395 112.50
LOCATION L0001063     VOLUME   504618.692 3634875.563 112.61
LOCATION L0001064     VOLUME   504627.420 3634885.731 112.75
LOCATION L0001065     VOLUME   504636.148 3634895.898 112.92
LOCATION L0001066     VOLUME   504644.876 3634906.066 113.17
LOCATION L0001067     VOLUME   504653.604 3634916.234 113.45
LOCATION L0001068     VOLUME   504662.332 3634926.402 113.73
LOCATION L0001069     VOLUME   504671.060 3634936.569 114.08
LOCATION L0001070     VOLUME   504679.788 3634946.737 114.43
LOCATION L0001071     VOLUME   504688.516 3634956.905 114.76
LOCATION L0001072     VOLUME   504697.244 3634967.072 115.23
LOCATION L0001073     VOLUME   504705.972 3634977.240 115.65
LOCATION L0001074     VOLUME   504714.700 3634987.408 115.98
LOCATION L0001075     VOLUME   504723.428 3634997.575 116.50
LOCATION L0001076     VOLUME   504732.156 3635007.743 116.93
LOCATION L0001077     VOLUME   504740.884 3635017.911 117.35
LOCATION L0001078     VOLUME   504749.612 3635028.078 117.91
LOCATION L0001079     VOLUME   504758.340 3635038.246 118.28
LOCATION L0001080     VOLUME   504767.068 3635048.414 118.64
LOCATION L0001081     VOLUME   504775.796 3635058.581 119.21
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LOCATION L0001084     VOLUME   504804.550 3635086.493 120.02
LOCATION L0001085     VOLUME   504814.791 3635095.134 120.14
LOCATION L0001086     VOLUME   504825.033 3635103.775 120.08
LOCATION L0001087     VOLUME   504835.274 3635112.416 120.63
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LOCATION L0001091 VOLUME 504876.240 3635146.981 121.86
LOCATION L0001092 VOLUME 504886.482 3635155.623 121.87
LOCATION L0001093 VOLUME 504896.723 3635164.264 121.76
LOCATION L0001094 VOLUME 504906.965 3635172.905 122.04
LOCATION L0001095 VOLUME 504917.206 3635181.547 122.49
LOCATION L0001096 VOLUME 504927.448 3635190.188 122.35
LOCATION L0001097 VOLUME 504937.689 3635198.829 119.09
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LOCATION L0001099 VOLUME 504959.787 3635213.214 116.36
LOCATION L0001100 VOLUME 504972.524 3635217.378 120.46
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LOCATION L0001102 VOLUME 504997.997 3635225.706 122.45
LOCATION L0001103 VOLUME 505010.734 3635229.870 122.23
LOCATION L0001104 VOLUME 505023.470 3635234.034 122.13
LOCATION L0001105 VOLUME 505036.207 3635238.197 122.24
LOCATION L0001106 VOLUME 505048.944 3635242.361 122.19
LOCATION L0001107 VOLUME 505061.680 3635246.525 122.04
LOCATION L0001108 VOLUME 505074.417 3635250.689 121.76
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LOCATION L0001112 VOLUME 505127.064 3635259.965 120.22
LOCATION L0001113 VOLUME 505140.338 3635261.794 120.00
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LOCATION L0001115 VOLUME 505166.888 3635265.452 119.62
LOCATION L0001116 VOLUME 505180.162 3635267.281 119.30
LOCATION L0001117 VOLUME 505193.437 3635269.110 118.92
LOCATION L0001118 VOLUME 505206.711 3635270.938 118.49
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LOCATION L0001120 VOLUME 505233.261 3635274.596 117.60
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LOCATION L0001126 VOLUME 505312.908 3635285.570 115.70
LOCATION L0001127 VOLUME 505326.183 3635287.399 115.52
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LOCATION L0001133 VOLUME 505405.830 3635298.373 115.42
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LOCATION L0001135 VOLUME 505432.380 3635302.031 115.68
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LOCATION L0001137 VOLUME 505458.929 3635305.688 115.84

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   LOCATION L0001139     VOLUME   505485.478 3635309.346 115.93
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   LOCATION L0001141     VOLUME   505512.027 3635313.004 116.10
   LOCATION L0001142     VOLUME   505525.302 3635314.833 116.19
   LOCATION L0001143     VOLUME   505538.576 3635316.662 116.17
   LOCATION L0001144     VOLUME   505551.851 3635318.491 116.14
   LOCATION L0001145     VOLUME   505565.126 3635320.320 116.08
   LOCATION L0001146     VOLUME   505578.400 3635322.149 116.02
   LOCATION L0001147     VOLUME   505591.675 3635323.978 115.84
   LOCATION L0001148     VOLUME   505604.949 3635325.807 115.75
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   LOCATION L0001150     VOLUME   505631.499 3635329.465 116.07
   LOCATION L0001151     VOLUME   505644.773 3635331.294 116.31
   LOCATION L0001152     VOLUME   505658.048 3635333.123 116.55
   LOCATION L0001153     VOLUME   505671.037 3635336.251 116.72
   LOCATION L0001154     VOLUME   505683.854 3635340.159 116.83
   LOCATION L0001155     VOLUME   505696.672 3635344.067 116.86
   LOCATION L0001156     VOLUME   505709.489 3635347.975 116.80
   LOCATION L0001157     VOLUME   505722.307 3635351.882 116.64
   LOCATION L0001158     VOLUME   505735.124 3635355.790 116.39
   LOCATION L0001159     VOLUME   505747.942 3635359.698 116.23
   LOCATION L0001160     VOLUME   505760.759 3635363.606 116.27
   LOCATION L0001161     VOLUME   505773.577 3635367.514 116.70
   LOCATION L0001162     VOLUME   505786.394 3635371.421 117.09
   LOCATION L0001163     VOLUME   505799.212 3635375.329 117.20
   LOCATION L0001164     VOLUME   505812.029 3635379.237 117.24
   LOCATION L0001165     VOLUME   505824.847 3635383.145 117.07
   LOCATION L0001166     VOLUME   505837.665 3635387.052 116.84
   LOCATION L0001167     VOLUME   505850.482 3635390.960 116.94
   LOCATION L0001168     VOLUME   505863.300 3635394.868 117.17
   LOCATION L0001169     VOLUME   505876.230 3635398.021 117.40
   LOCATION L0001170     VOLUME   505883.866 3635399.766 117.55
** End of LINE VOLUME Source ID = TRUCKN
** Source Parameters **
** LINE VOLUME Source ID = IDLEN
   SRCPARAM L0000001          0.1      4.00      4.00      3.72
   SRCPARAM L0000002          0.1      4.00      4.00      3.72
   SRCPARAM L0000003          0.1      4.00      4.00      3.72
   SRCPARAM L0000004          0.1      4.00      4.00      3.72
   SRCPARAM L0000005          0.1      4.00      4.00      3.72
   SRCPARAM L0000006          0.1      4.00      4.00      3.72
   SRCPARAM L0000007          0.1      4.00      4.00      3.72
   SRCPARAM L0000008          0.1      4.00      4.00      3.72
   SRCPARAM L0000009          0.1      4.00      4.00      3.72
   SRCPARAM L0000010          0.1      4.00      4.00      3.72
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** LINE VOLUME Source ID = IDLES
   SRCPARAM L0000310          0.1      4.00      4.00      3.72
   SRCPARAM L0000311          0.1      4.00      4.00      3.72
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   SRCPARAM L0000312          0.1      4.00      4.00      3.72
   SRCPARAM L0000313          0.1      4.00      4.00      3.72
   SRCPARAM L0000314          0.1      4.00      4.00      3.72
   SRCPARAM L0000315          0.1      4.00      4.00      3.72
   SRCPARAM L0000316          0.1      4.00      4.00      3.72
   SRCPARAM L0000317          0.1      4.00      4.00      3.72
   SRCPARAM L0000318          0.1      4.00      4.00      3.72
   SRCPARAM L0000319          0.1      4.00      4.00      3.72
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** LINE VOLUME Source ID = FORKN
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   SRCPARAM L0000911     0.1111111111      3.40      4.00      3.16
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   SRCPARAM L0000913     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000914     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000915     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000916     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000917     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000918     0.1111111111      3.40      4.00      3.16
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** LINE VOLUME Source ID = FORKS
   SRCPARAM L0000919     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000920     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000921     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000922     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000923     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000924     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000925     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000926     0.1111111111      3.40      4.00      3.16
   SRCPARAM L0000927     0.1111111111      3.40      4.00      3.16
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   SRCPARAM L0000612     0.0092592593      3.40      6.23      3.16
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SRCPARAM L0000630     0.0092592593      3.40      6.23      3.16
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   SRCPARAM L0000702     0.0092592593      3.40      6.23      3.16
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   SRCPARAM L0000762     0.0066666667      3.40      6.23      3.16
   SRCPARAM L0000763     0.0066666667      3.40      6.23      3.16
   SRCPARAM L0000764     0.0066666667      3.40      6.23      3.16
   SRCPARAM L0000765     0.0066666667      3.40      6.23      3.16
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   SRCPARAM L0000767     0.0066666667      3.40      6.23      3.16
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SRCPARAM L0000775     0.0066666667      3.40      6.23      3.16
SRCPARAM L0000776     0.0066666667      3.40      6.23      3.16
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SRCPARAM L0000784     0.0066666667      3.40      6.23      3.16
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SRCPARAM L0000786     0.0066666667      3.40      6.23      3.16
SRCPARAM L0000787     0.0066666667      3.40      6.23      3.16
SRCPARAM L0000788     0.0066666667      3.40      6.23      3.16
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SRCPARAM L0000817     0.0066666667      3.40      6.23      3.16
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SRCPARAM L0000830     0.0066666667      3.40      6.23      3.16
SRCPARAM L0000831     0.0066666667      3.40      6.23      3.16
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   SRCPARAM L0000909     0.0066666667      3.40      6.23      3.16
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   SRCPARAM FIRE               1.0    16.760   699.000 41.8264643929649  0.204216
** LINE VOLUME Source ID = ENTER
   SRCPARAM L0000928           0.1      3.40      6.23      3.16
   SRCPARAM L0000929           0.1      3.40      6.23      3.16
   SRCPARAM L0000930           0.1      3.40      6.23      3.16
   SRCPARAM L0000931           0.1      3.40      6.23      3.16
   SRCPARAM L0000932           0.1      3.40      6.23      3.16
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   SRCPARAM L0000933          0.1      3.40      6.23      3.16
   SRCPARAM L0000934          0.1      3.40      6.23      3.16
   SRCPARAM L0000935          0.1      3.40      6.23      3.16
   SRCPARAM L0000936          0.1      3.40      6.23      3.16
   SRCPARAM L0000937          0.1      3.40      6.23      3.16
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** LINE VOLUME Source ID = ONSITE
   SRCPARAM L0000938     0.0175438596      3.40      6.23      3.16
   SRCPARAM L0000939     0.0175438596      3.40      6.23      3.16
   SRCPARAM L0000940     0.0175438596      3.40      6.23      3.16
   SRCPARAM L0000941     0.0175438596      3.40      6.23      3.16
   SRCPARAM L0000942     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0000947     0.0175438596      3.40      6.23      3.16
   SRCPARAM L0000948     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0000963     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0000967     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0000971     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0000978     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0000980     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0000981     0.0175438596      3.40      6.23      3.16
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   SRCPARAM L0001001     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001002     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001003     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001004     0.0056818182      3.40      6.23      3.16
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SRCPARAM L0001078     0.0056818182      3.40      6.23      3.16
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SRCPARAM L0001081     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001082     0.0056818182      3.40      6.23      3.16
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SRCPARAM L0001085     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001086     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001087     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001088     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001089     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001090     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001091     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001092     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001093     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001094     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001095     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001096     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001097     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001098     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001099     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001100     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001101     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001102     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001103     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001104     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001105     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001106     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001107     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001108     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001109     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001110     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001111     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001112     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001113     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001114     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001115     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001116     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001117     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001118     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001119     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001120     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001121     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001122     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001123     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001124     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001125     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001126     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001127     0.0056818182      3.40      6.23      3.16
SRCPARAM L0001128     0.0056818182      3.40      6.23      3.16
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   SRCPARAM L0001129     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001130     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001131     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001132     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001133     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001134     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001135     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001136     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001137     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001138     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001139     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001140     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001141     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001142     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001143     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001144     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001145     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001146     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001147     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001148     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001149     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001150     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001151     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001152     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001153     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001154     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001155     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001156     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001157     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001158     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001159     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001160     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001161     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001162     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001163     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001164     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001165     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001166     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001167     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001168     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001169     0.0056818182      3.40      6.23      3.16
   SRCPARAM L0001170     0.0056818182      3.40      6.23      3.16
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT FIRE            15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT FIRE            15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT FIRE            15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT FIRE            15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT FIRE            15.24    15.24    15.24    15.24    15.24    15.24
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BUILDHGT FIRE            15.24    15.24    15.24    15.24    15.24    15.24

BUILDWID FIRE           224.64   239.99   248.06   248.58   241.55   227.18
BUILDWID FIRE           205.91   178.39   156.65   187.83   214.59   234.82
BUILDWID FIRE           247.92   253.49   251.36   241.59   224.47   203.42
BUILDWID FIRE           224.64   239.99   248.06   248.58   241.55   227.18
BUILDWID FIRE           205.91   178.39   156.65   187.83   214.59   234.82
BUILDWID FIRE           247.92   253.49   251.36   241.59   224.47   203.42

BUILDLEN FIRE           187.83   214.59   234.82   247.92   253.49   251.36
BUILDLEN FIRE           241.59   224.47   203.42   224.64   239.99   248.06
BUILDLEN FIRE           248.58   241.55   227.18   205.91   178.39   156.65
BUILDLEN FIRE           187.83   214.59   234.82   247.92   253.49   251.36
BUILDLEN FIRE           241.59   224.47   203.42   224.64   239.99   248.06
BUILDLEN FIRE           248.58   241.55   227.18   205.91   178.39   156.65

XBADJ    FIRE           -34.09   -61.05   -86.16  -108.65  -127.84  -143.14
XBADJ    FIRE          -154.10  -160.37  -161.77  -183.18  -199.98  -210.70
XBADJ    FIRE          -215.02  -212.81  -204.13  -189.25  -168.62  -150.24
XBADJ    FIRE          -153.74  -153.54  -148.67  -139.28  -125.65  -108.22
XBADJ    FIRE           -87.49   -64.10   -41.65   -41.46   -40.02   -37.35
XBADJ    FIRE           -33.56   -28.74   -23.05   -16.66    -9.76    -6.41

YBADJ    FIRE            70.86    79.98    86.67    90.73    92.04    90.54
YBADJ    FIRE            86.30    79.43    71.91    59.83    46.24    31.25
YBADJ    FIRE            15.31    -1.09   -17.46   -33.30   -48.13   -60.06
YBADJ    FIRE           -70.86   -79.98   -86.67   -90.73   -92.04   -90.54
YBADJ    FIRE           -86.30   -79.43   -71.91   -59.83   -46.24   -31.25
YBADJ    FIRE           -15.31     1.09    17.46    33.30    48.13    60.06

URBANSRC ALL
SRCGROUP ENTER    L0000928 L0000929 L0000930 L0000931 L0000932 L0000933
SRCGROUP ENTER    L0000934 L0000935 L0000936 L0000937
SRCGROUP FIRE     FIRE
SRCGROUP FORKN    L0000910 L0000911 L0000912 L0000913 L0000914 L0000915
SRCGROUP FORKN    L0000916 L0000917 L0000918
SRCGROUP FORKS    L0000919 L0000920 L0000921 L0000922 L0000923 L0000924
SRCGROUP FORKS    L0000925 L0000926 L0000927
SRCGROUP IDLEN    L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP IDLEN    L0000007 L0000008 L0000009 L0000010
SRCGROUP IDLES    L0000310 L0000311 L0000312 L0000313 L0000314 L0000315
SRCGROUP IDLES    L0000316 L0000317 L0000318 L0000319
SRCGROUP ONSITE   L0000938 L0000939 L0000940 L0000941 L0000942 L0000943
SRCGROUP ONSITE   L0000944 L0000945 L0000946 L0000947 L0000948 L0000949
SRCGROUP ONSITE   L0000950 L0000951 L0000952 L0000953 L0000954 L0000955
SRCGROUP ONSITE   L0000956 L0000957 L0000958 L0000959 L0000960 L0000961
SRCGROUP ONSITE   L0000962 L0000963 L0000964 L0000965 L0000966 L0000967
SRCGROUP ONSITE   L0000968 L0000969 L0000970 L0000971 L0000972 L0000973
SRCGROUP ONSITE   L0000974 L0000975 L0000976 L0000977 L0000978 L0000979
SRCGROUP ONSITE   L0000980 L0000981 L0000982 L0000983 L0000984 L0000985
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SRCGROUP ONSITE   L0000986 L0000987 L0000988 L0000989 L0000990 L0000991
SRCGROUP ONSITE   L0000992 L0000993 L0000994
SRCGROUP TRUCKN   L0000995 L0000996 L0000997 L0000998 L0000999 L0001000
SRCGROUP TRUCKN   L0001001 L0001002 L0001003 L0001004 L0001005 L0001006
SRCGROUP TRUCKN   L0001007 L0001008 L0001009 L0001010 L0001011 L0001012
SRCGROUP TRUCKN   L0001013 L0001014 L0001015 L0001016 L0001017 L0001018
SRCGROUP TRUCKN   L0001019 L0001020 L0001021 L0001022 L0001023 L0001024
SRCGROUP TRUCKN   L0001025 L0001026 L0001027 L0001028 L0001029 L0001030
SRCGROUP TRUCKN   L0001031 L0001032 L0001033 L0001034 L0001035 L0001036
SRCGROUP TRUCKN   L0001037 L0001038 L0001039 L0001040 L0001041 L0001042
SRCGROUP TRUCKN   L0001043 L0001044 L0001045 L0001046 L0001047 L0001048
SRCGROUP TRUCKN   L0001049 L0001050 L0001051 L0001052 L0001053 L0001054
SRCGROUP TRUCKN   L0001055 L0001056 L0001057 L0001058 L0001059 L0001060
SRCGROUP TRUCKN   L0001061 L0001062 L0001063 L0001064 L0001065 L0001066
SRCGROUP TRUCKN   L0001067 L0001068 L0001069 L0001070 L0001071 L0001072
SRCGROUP TRUCKN   L0001073 L0001074 L0001075 L0001076 L0001077 L0001078
SRCGROUP TRUCKN   L0001079 L0001080 L0001081 L0001082 L0001083 L0001084
SRCGROUP TRUCKN   L0001085 L0001086 L0001087 L0001088 L0001089 L0001090
SRCGROUP TRUCKN   L0001091 L0001092 L0001093 L0001094 L0001095 L0001096
SRCGROUP TRUCKN   L0001097 L0001098 L0001099 L0001100 L0001101 L0001102
SRCGROUP TRUCKN   L0001103 L0001104 L0001105 L0001106 L0001107 L0001108
SRCGROUP TRUCKN   L0001109 L0001110 L0001111 L0001112 L0001113 L0001114
SRCGROUP TRUCKN   L0001115 L0001116 L0001117 L0001118 L0001119 L0001120
SRCGROUP TRUCKN   L0001121 L0001122 L0001123 L0001124 L0001125 L0001126
SRCGROUP TRUCKN   L0001127 L0001128 L0001129 L0001130 L0001131 L0001132
SRCGROUP TRUCKN   L0001133 L0001134 L0001135 L0001136 L0001137 L0001138
SRCGROUP TRUCKN   L0001139 L0001140 L0001141 L0001142 L0001143 L0001144
SRCGROUP TRUCKN   L0001145 L0001146 L0001147 L0001148 L0001149 L0001150
SRCGROUP TRUCKN   L0001151 L0001152 L0001153 L0001154 L0001155 L0001156
SRCGROUP TRUCKN   L0001157 L0001158 L0001159 L0001160 L0001161 L0001162
SRCGROUP TRUCKN   L0001163 L0001164 L0001165 L0001166 L0001167 L0001168
SRCGROUP TRUCKN   L0001169 L0001170
SRCGROUP TRUCKS   L0000595 L0000596 L0000597 L0000598 L0000599 L0000600
SRCGROUP TRUCKS   L0000601 L0000602 L0000603 L0000604 L0000605 L0000606
SRCGROUP TRUCKS   L0000607 L0000608 L0000609 L0000610 L0000611 L0000612
SRCGROUP TRUCKS   L0000613 L0000614 L0000615 L0000616 L0000617 L0000618
SRCGROUP TRUCKS   L0000619 L0000620 L0000621 L0000622 L0000623 L0000624
SRCGROUP TRUCKS   L0000625 L0000626 L0000627 L0000628 L0000629 L0000630
SRCGROUP TRUCKS   L0000631 L0000632 L0000633 L0000634 L0000635 L0000636
SRCGROUP TRUCKS   L0000637 L0000638 L0000639 L0000640 L0000641 L0000642
SRCGROUP TRUCKS   L0000643 L0000644 L0000645 L0000646 L0000647 L0000648
SRCGROUP TRUCKS   L0000649 L0000650 L0000651 L0000652 L0000653 L0000654
SRCGROUP TRUCKS   L0000655 L0000656 L0000657 L0000658 L0000659 L0000660
SRCGROUP TRUCKS   L0000661 L0000662 L0000663 L0000664 L0000665 L0000666
SRCGROUP TRUCKS   L0000667 L0000668 L0000669 L0000670 L0000671 L0000672
SRCGROUP TRUCKS   L0000673 L0000674 L0000675 L0000676 L0000677 L0000678
SRCGROUP TRUCKS   L0000679 L0000680 L0000681 L0000682 L0000683 L0000684
SRCGROUP TRUCKS   L0000685 L0000686 L0000687 L0000688 L0000689 L0000690
SRCGROUP TRUCKS   L0000691 L0000692 L0000693 L0000694 L0000695 L0000696
SRCGROUP TRUCKS   L0000697 L0000698 L0000699 L0000700 L0000701 L0000702
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   SRCGROUP TRUCKW   L0000760 L0000761 L0000762 L0000763 L0000764 L0000765
   SRCGROUP TRUCKW   L0000766 L0000767 L0000768 L0000769 L0000770 L0000771
   SRCGROUP TRUCKW   L0000772 L0000773 L0000774 L0000775 L0000776 L0000777
   SRCGROUP TRUCKW   L0000778 L0000779 L0000780 L0000781 L0000782 L0000783
   SRCGROUP TRUCKW   L0000784 L0000785 L0000786 L0000787 L0000788 L0000789
   SRCGROUP TRUCKW   L0000790 L0000791 L0000792 L0000793 L0000794 L0000795
   SRCGROUP TRUCKW   L0000796 L0000797 L0000798 L0000799 L0000800 L0000801
   SRCGROUP TRUCKW   L0000802 L0000803 L0000804 L0000805 L0000806 L0000807
   SRCGROUP TRUCKW   L0000808 L0000809 L0000810 L0000811 L0000812 L0000813
   SRCGROUP TRUCKW   L0000814 L0000815 L0000816 L0000817 L0000818 L0000819
   SRCGROUP TRUCKW   L0000820 L0000821 L0000822 L0000823 L0000824 L0000825
   SRCGROUP TRUCKW   L0000826 L0000827 L0000828 L0000829 L0000830 L0000831
   SRCGROUP TRUCKW   L0000832 L0000833 L0000834 L0000835 L0000836 L0000837
   SRCGROUP TRUCKW   L0000838 L0000839 L0000840 L0000841 L0000842 L0000843
   SRCGROUP TRUCKW   L0000844 L0000845 L0000846 L0000847 L0000848 L0000849
   SRCGROUP TRUCKW   L0000850 L0000851 L0000852 L0000853 L0000854 L0000855
   SRCGROUP TRUCKW   L0000856 L0000857 L0000858 L0000859 L0000860 L0000861
   SRCGROUP TRUCKW   L0000862 L0000863 L0000864 L0000865 L0000866 L0000867
   SRCGROUP TRUCKW   L0000868 L0000869 L0000870 L0000871 L0000872 L0000873
   SRCGROUP TRUCKW   L0000874 L0000875 L0000876 L0000877 L0000878 L0000879
   SRCGROUP TRUCKW   L0000880 L0000881 L0000882 L0000883 L0000884 L0000885
   SRCGROUP TRUCKW   L0000886 L0000887 L0000888 L0000889 L0000890 L0000891
   SRCGROUP TRUCKW   L0000892 L0000893 L0000894 L0000895 L0000896 L0000897
   SRCGROUP TRUCKW   L0000898 L0000899 L0000900 L0000901 L0000902 L0000903
   SRCGROUP TRUCKW   L0000904 L0000905 L0000906 L0000907 L0000908 L0000909
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED SanteeOpRev1.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE LES_2019-2021_v22112.SFC
   PROFFILE LES_2019-2021_v22112.PFL
   SURFDATA 53143 2019
   UAIRDATA 3190 2019
   SITEDATA 1022 2019
   PROFBASE 143.0 METERS
ME FINISHED
```

```
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SANTEEOPREV1.AD\01H1GALL.PLT 31
   PLOTFILE 1 ENTER 1ST SANTEEOPREV1.AD\01H1G001.PLT 32
   PLOTFILE 1 FIRE 1ST SANTEEOPREV1.AD\01H1G002.PLT 33
   PLOTFILE 1 FORKN 1ST SANTEEOPREV1.AD\01H1G003.PLT 34
   PLOTFILE 1 FORKS 1ST SANTEEOPREV1.AD\01H1G004.PLT 35
   PLOTFILE 1 IDLEN 1ST SANTEEOPREV1.AD\01H1G005.PLT 36
   PLOTFILE 1 IDLES 1ST SANTEEOPREV1.AD\01H1G006.PLT 37
   PLOTFILE 1 ONSITE 1ST SANTEEOPREV1.AD\01H1G007.PLT 38
   PLOTFILE 1 TRUCKN 1ST SANTEEOPREV1.AD\01H1G008.PLT 39
   PLOTFILE 1 TRUCKS 1ST SANTEEOPREV1.AD\01H1G009.PLT 40
   PLOTFILE 1 TRUCKW 1ST SANTEEOPREV1.AD\01H1G010.PLT 41
   PLOTFILE PERIOD ALL SANTEEOPREV1.AD\PE00GALL.PLT 42
   PLOTFILE PERIOD ENTER SANTEEOPREV1.AD\PE00G001.PLT 43
   PLOTFILE PERIOD FIRE SANTEEOPREV1.AD\PE00G002.PLT 44
   PLOTFILE PERIOD FORKN SANTEEOPREV1.AD\PE00G003.PLT 45
   PLOTFILE PERIOD FORKS SANTEEOPREV1.AD\PE00G004.PLT 46
   PLOTFILE PERIOD IDLEN SANTEEOPREV1.AD\PE00G005.PLT 47
   PLOTFILE PERIOD IDLES SANTEEOPREV1.AD\PE00G006.PLT 48
   PLOTFILE PERIOD ONSITE SANTEEOPREV1.AD\PE00G007.PLT 49
   PLOTFILE PERIOD TRUCKN SANTEEOPREV1.AD\PE00G008.PLT 50
   PLOTFILE PERIOD TRUCKS SANTEEOPREV1.AD\PE00G009.PLT 51
   PLOTFILE PERIOD TRUCKW SANTEEOPREV1.AD\PE00G010.PLT 52
   SUMMFILE SanteeOpRev1.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

```
 MX W403    1449       PFLCNV: Turbulence data is being used w/o ADJ_U* option
SigA Data

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        13:54:44

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   540 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3276208.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    540 Source(s);      11 Source Group(s); and    3758
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    539 VOLUME source(s)
                 and:      0 AREA type source(s)
```

```
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   143.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      6.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   SanteeOpRev1.err

 **File for Summary of Results:   SanteeOpRev1.sum

↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** POINT SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | STACK HEIGHT (METERS) | STACK TEMP. (DEG.K) | STACK EXIT VEL. (M/SEC) | STACK DIAMETER (METERS) | BLDG EXISTS | URBAN SOURCE | CAP/ HOR VARY BY | EMIS RATE SCALAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FIRE | 0 | 0.10000E+01 | 503852.9 | 3634394.2 | 109.6 | 16.76 | 699.00 | 41.83 | 0.20 | YES | YES | NO | |



*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY | AIRCRAFT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L0000001 | 0 | 0.10000E+00 | 503745.9 | 3634529.9 | 108.1 | 4.00 | 4.00 | 3.72 | YES | | NO |
| L0000002 | 0 | 0.10000E+00 | 503754.5 | 3634529.9 | 108.0 | 4.00 | 4.00 | 3.72 | YES | | NO |
| L0000003 | 0 | 0.10000E+00 | 503763.1 | 3634529.9 | 108.0 | 4.00 | 4.00 | 3.72 | YES | | NO |
| L0000004 | 0 | 0.10000E+00 | 503771.7 | 3634529.9 | 108.1 | 4.00 | 4.00 | 3.72 | YES | | NO |
| L0000005 | 0 | 0.10000E+00 | 503780.3 | 3634529.9 | 108.1 | 4.00 | 4.00 | 3.72 | YES | | NO |
| L0000006 | 0 | 0.10000E+00 | 503788.9 | 3634529.9 | 108.1 | 4.00 | 4.00 | 3.72 | YES | | NO |
| L0000007 | 0 | 0.10000E+00 | 503797.5 | 3634529.9 | 108.1 | 4.00 | 4.00 | 3.72 | YES | | NO |
| L0000008 | 0 | 0.10000E+00 | 503806.1 | 3634529.9 | 108.2 | 4.00 | 4.00 | 3.72 | YES | | NO |

```
 L0000009         0   0.10000E+00  503814.7 3634529.9   108.2     4.00     4.00
3.72     YES                   NO
 L0000010         0   0.10000E+00  503823.3 3634529.9   108.3     4.00     4.00
3.72     YES                   NO
 L0000310         0   0.10000E+00  503750.2 3634401.1   109.0     4.00     4.00
3.72     YES                   NO
 L0000311         0   0.10000E+00  503758.8 3634401.1   109.1     4.00     4.00
3.72     YES                   NO
 L0000312         0   0.10000E+00  503767.3 3634401.1   109.1     4.00     4.00
3.72     YES                   NO
 L0000313         0   0.10000E+00  503776.0 3634401.2   109.0     4.00     4.00
3.72     YES                   NO
 L0000314         0   0.10000E+00  503784.5 3634401.2   109.1     4.00     4.00
3.72     YES                   NO
 L0000315         0   0.10000E+00  503793.1 3634401.2   109.1     4.00     4.00
3.72     YES                   NO
 L0000316         0   0.10000E+00  503801.8 3634401.3   109.2     4.00     4.00
3.72     YES                   NO
 L0000317         0   0.10000E+00  503810.3 3634401.3   109.3     4.00     4.00
3.72     YES                   NO
 L0000318         0   0.10000E+00  503819.0 3634401.3   109.3     4.00     4.00
3.72     YES                   NO
 L0000319         0   0.10000E+00  503827.5 3634401.4   109.4     4.00     4.00
3.72     YES                   NO
 L0000910         0   0.11111E+00  503747.2 3634542.6   108.3     3.40     4.00
3.16     YES                   NO
 L0000911         0   0.11111E+00  503755.8 3634542.6   108.2     3.40     4.00
3.16     YES                   NO
 L0000912         0   0.11111E+00  503764.4 3634542.6   108.1     3.40     4.00
3.16     YES                   NO
 L0000913         0   0.11111E+00  503773.0 3634542.6   108.1     3.40     4.00
3.16     YES                   NO
 L0000914         0   0.11111E+00  503781.6 3634542.6   108.0     3.40     4.00
3.16     YES                   NO
 L0000915         0   0.11111E+00  503790.2 3634542.6   108.0     3.40     4.00
3.16     YES                   NO
 L0000916         0   0.11111E+00  503798.8 3634542.6   108.1     3.40     4.00
3.16     YES                   NO
 L0000917         0   0.11111E+00  503807.4 3634542.6   108.1     3.40     4.00
3.16     YES                   NO
 L0000918         0   0.11111E+00  503816.0 3634542.6   108.2     3.40     4.00
3.16     YES                   NO
 L0000919         0   0.11111E+00  503753.1 3634389.0   109.1     3.40     4.00
3.16     YES                   NO
 L0000920         0   0.11111E+00  503761.7 3634389.1   109.1     3.40     4.00
3.16     YES                   NO
 L0000921         0   0.11111E+00  503770.3 3634389.1   109.1     3.40     4.00
3.16     YES                   NO
 L0000922         0   0.11111E+00  503778.9 3634389.1   109.1     3.40     4.00
3.16     YES                   NO
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 L0000923         0   0.11111E+00  503787.5 3634389.2   109.1     3.40     4.00
3.16     YES                    NO
 L0000924         0   0.11111E+00  503796.1 3634389.2   109.2     3.40     4.00
3.16     YES                    NO
 L0000925         0   0.11111E+00  503804.7 3634389.2   109.3     3.40     4.00
3.16     YES                    NO
 L0000926         0   0.11111E+00  503813.3 3634389.3   109.3     3.40     4.00
3.16     YES                    NO
 L0000927         0   0.11111E+00  503821.9 3634389.3   109.4     3.40     4.00
3.16     YES                    NO
 L0000595         0   0.92593E-02  503935.2 3634222.2   111.6     3.40     6.23
3.16     YES                    NO
 L0000596         0   0.92593E-02  503925.7 3634212.7   111.6     3.40     6.23
3.16     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000597         0   0.92593E-02  503916.2 3634203.3   111.5     3.40     6.23
3.16     YES                    NO
 L0000598         0   0.92593E-02  503906.7 3634193.8   111.8     3.40     6.23
3.16     YES                    NO
 L0000599         0   0.92593E-02  503897.3 3634184.3   111.8     3.40     6.23
3.16     YES                    NO
 L0000600         0   0.92593E-02  503887.8 3634174.8   111.7     3.40     6.23
3.16     YES                    NO
 L0000601         0   0.92593E-02  503878.3 3634165.4   111.9     3.40     6.23
3.16     YES                    NO
 L0000602         0   0.92593E-02  503868.8 3634155.9   111.9     3.40     6.23
3.16     YES                    NO
 L0000603         0   0.92593E-02  503859.4 3634146.4   111.7     3.40     6.23
3.16     YES                    NO
 L0000604         0   0.92593E-02  503849.9 3634136.9   112.0     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000605 | 0 | 0.92593E-02 | 503840.4 | 3634127.5 | 112.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000606 | 0 | 0.92593E-02 | 503830.9 | 3634118.0 | 112.7 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000607 | 0 | 0.92593E-02 | 503821.5 | 3634108.5 | 112.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000608 | 0 | 0.92593E-02 | 503812.0 | 3634099.0 | 112.8 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000609 | 0 | 0.92593E-02 | 503802.5 | 3634089.6 | 113.1 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000610 | 0 | 0.92593E-02 | 503793.7 | 3634079.6 | 112.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000611 | 0 | 0.92593E-02 | 503787.1 | 3634067.9 | 113.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000612 | 0 | 0.92593E-02 | 503780.4 | 3634056.3 | 113.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000613 | 0 | 0.92593E-02 | 503773.8 | 3634044.7 | 113.1 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000614 | 0 | 0.92593E-02 | 503767.1 | 3634033.0 | 113.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000615 | 0 | 0.92593E-02 | 503760.5 | 3634021.4 | 113.4 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000616 | 0 | 0.92593E-02 | 503753.8 | 3634009.8 | 113.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000617 | 0 | 0.92593E-02 | 503747.2 | 3633998.1 | 113.1 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000618 | 0 | 0.92593E-02 | 503740.5 | 3633986.5 | 113.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000619 | 0 | 0.92593E-02 | 503733.9 | 3633974.9 | 113.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000620 | 0 | 0.92593E-02 | 503727.2 | 3633963.2 | 113.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000621 | 0 | 0.92593E-02 | 503720.6 | 3633951.6 | 113.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000622 | 0 | 0.92593E-02 | 503713.9 | 3633939.9 | 114.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000623 | 0 | 0.92593E-02 | 503707.3 | 3633928.3 | 114.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000624 | 0 | 0.92593E-02 | 503700.6 | 3633916.7 | 114.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000625 | 0 | 0.92593E-02 | 503694.0 | 3633905.0 | 114.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000626 | 0 | 0.92593E-02 | 503687.3 | 3633893.4 | 115.1 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000627 | 0 | 0.92593E-02 | 503680.7 | 3633881.8 | 115.4 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000628 | 0 | 0.92593E-02 | 503674.9 | 3633869.7 | 115.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000629 | 0 | 0.92593E-02 | 503670.6 | 3633857.1 | 116.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |

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 L0000630         0   0.92593E-02  503666.2 3633844.4   116.8     3.40     6.23
3.16     YES                    NO
 L0000631         0   0.92593E-02  503661.8 3633831.8   117.0     3.40     6.23
3.16     YES                    NO
 L0000632         0   0.92593E-02  503657.4 3633819.1   117.0     3.40     6.23
3.16     YES                    NO
 L0000633         0   0.92593E-02  503653.0 3633806.4   117.3     3.40     6.23
3.16     YES                    NO
 L0000634         0   0.92593E-02  503648.6 3633793.8   118.0     3.40     6.23
3.16     YES                    NO
 L0000635         0   0.92593E-02  503644.2 3633781.1   118.6     3.40     6.23
3.16     YES                    NO
 L0000636         0   0.92593E-02  503639.8 3633768.4   118.8     3.40     6.23
3.16     YES                    NO
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000637         0   0.92593E-02  503635.4 3633755.8   119.1     3.40     6.23
3.16     YES                    NO
 L0000638         0   0.92593E-02  503631.1 3633743.1   118.5     3.40     6.23
3.16     YES                    NO
 L0000639         0   0.92593E-02  503626.7 3633730.5   117.5     3.40     6.23
3.16     YES                    NO
 L0000640         0   0.92593E-02  503622.3 3633717.8   117.4     3.40     6.23
3.16     YES                    NO
 L0000641         0   0.92593E-02  503617.9 3633705.1   119.2     3.40     6.23
3.16     YES                    NO
 L0000642         0   0.92593E-02  503613.5 3633692.5   120.6     3.40     6.23
3.16     YES                    NO
 L0000643         0   0.92593E-02  503609.1 3633679.8   121.0     3.40     6.23
3.16     YES                    NO
 L0000644         0   0.92593E-02  503604.7 3633667.2   121.6     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000645 | 0 | 0.92593E-02 | 503600.3 | 3633654.5 | 122.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000646 | 0 | 0.92593E-02 | 503595.9 | 3633641.8 | 123.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000647 | 0 | 0.92593E-02 | 503591.6 | 3633629.2 | 123.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000648 | 0 | 0.92593E-02 | 503587.2 | 3633616.5 | 123.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000649 | 0 | 0.92593E-02 | 503582.8 | 3633603.9 | 123.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000650 | 0 | 0.92593E-02 | 503579.3 | 3633591.0 | 124.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000651 | 0 | 0.92593E-02 | 503577.0 | 3633577.8 | 124.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000652 | 0 | 0.92593E-02 | 503574.7 | 3633564.6 | 125.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000653 | 0 | 0.92593E-02 | 503572.4 | 3633551.3 | 125.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000654 | 0 | 0.92593E-02 | 503570.2 | 3633538.1 | 126.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000655 | 0 | 0.92593E-02 | 503567.9 | 3633524.9 | 126.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000656 | 0 | 0.92593E-02 | 503565.6 | 3633511.7 | 127.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000657 | 0 | 0.92593E-02 | 503563.3 | 3633498.5 | 127.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000658 | 0 | 0.92593E-02 | 503561.0 | 3633485.3 | 128.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000659 | 0 | 0.92593E-02 | 503558.7 | 3633472.1 | 128.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000660 | 0 | 0.92593E-02 | 503556.5 | 3633458.9 | 128.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000661 | 0 | 0.92593E-02 | 503554.2 | 3633445.7 | 129.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000662 | 0 | 0.92593E-02 | 503551.9 | 3633432.5 | 129.7 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000663 | 0 | 0.92593E-02 | 503549.6 | 3633419.3 | 130.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000664 | 0 | 0.92593E-02 | 503547.3 | 3633406.1 | 130.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000665 | 0 | 0.92593E-02 | 503547.1 | 3633392.7 | 130.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000666 | 0 | 0.92593E-02 | 503547.3 | 3633379.3 | 131.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000667 | 0 | 0.92593E-02 | 503547.5 | 3633365.9 | 131.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000668 | 0 | 0.92593E-02 | 503547.7 | 3633352.5 | 132.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000669 | 0 | 0.92593E-02 | 503547.9 | 3633339.1 | 132.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |

```
 L0000670         0   0.92593E-02  503548.1 3633325.7   133.0     3.40     6.23
3.16     YES                    NO
 L0000671         0   0.92593E-02  503548.3 3633312.3   133.4     3.40     6.23
3.16     YES                    NO
 L0000672         0   0.92593E-02  503548.5 3633299.0   133.8     3.40     6.23
3.16     YES                    NO
 L0000673         0   0.92593E-02  503548.7 3633285.6   134.2     3.40     6.23
3.16     YES                    NO
 L0000674         0   0.92593E-02  503548.9 3633272.2   134.6     3.40     6.23
3.16     YES                    NO
 L0000675         0   0.92593E-02  503549.1 3633258.8   135.0     3.40     6.23
3.16     YES                    NO
 L0000676         0   0.92593E-02  503549.3 3633245.4   135.2     3.40     6.23
3.16     YES                    NO
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000677         0   0.92593E-02  503549.5 3633232.0   135.6     3.40     6.23
3.16     YES                    NO
 L0000678         0   0.92593E-02  503549.7 3633218.6   135.8     3.40     6.23
3.16     YES                    NO
 L0000679         0   0.92593E-02  503549.9 3633205.2   136.0     3.40     6.23
3.16     YES                    NO
 L0000680         0   0.92593E-02  503550.1 3633191.8   136.2     3.40     6.23
3.16     YES                    NO
 L0000681         0   0.92593E-02  503550.4 3633178.4   136.3     3.40     6.23
3.16     YES                    NO
 L0000682         0   0.92593E-02  503550.6 3633165.0   136.5     3.40     6.23
3.16     YES                    NO
 L0000683         0   0.92593E-02  503550.4 3633151.6   136.6     3.40     6.23
3.16     YES                    NO
 L0000684         0   0.92593E-02  503550.1 3633138.2   136.8     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000685 | 0 | 0.92593E-02 | 503549.7 | 3633124.8 | 136.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000686 | 0 | 0.92593E-02 | 503549.3 | 3633111.4 | 136.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000687 | 0 | 0.92593E-02 | 503548.9 | 3633098.0 | 136.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000688 | 0 | 0.92593E-02 | 503548.6 | 3633084.6 | 136.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000689 | 0 | 0.92593E-02 | 503548.2 | 3633071.2 | 136.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000690 | 0 | 0.92593E-02 | 503547.8 | 3633057.8 | 136.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000691 | 0 | 0.92593E-02 | 503547.5 | 3633044.4 | 136.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000692 | 0 | 0.92593E-02 | 503547.1 | 3633031.0 | 136.7 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000693 | 0 | 0.92593E-02 | 503547.2 | 3633017.6 | 136.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000694 | 0 | 0.92593E-02 | 503547.5 | 3633004.2 | 136.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000695 | 0 | 0.92593E-02 | 503547.9 | 3632990.8 | 136.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000696 | 0 | 0.92593E-02 | 503548.2 | 3632977.4 | 136.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000697 | 0 | 0.92593E-02 | 503548.6 | 3632964.0 | 136.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000698 | 0 | 0.92593E-02 | 503549.0 | 3632950.6 | 136.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000699 | 0 | 0.92593E-02 | 503549.3 | 3632937.3 | 136.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000700 | 0 | 0.92593E-02 | 503549.7 | 3632923.9 | 135.7 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000701 | 0 | 0.92593E-02 | 503550.1 | 3632910.5 | 135.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000702 | 0 | 0.92593E-02 | 503550.4 | 3632897.1 | 135.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000760 | 0 | 0.66667E-02 | 503520.5 | 3632864.9 | 128.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000761 | 0 | 0.66667E-02 | 503512.1 | 3632854.4 | 128.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000762 | 0 | 0.66667E-02 | 503503.8 | 3632843.9 | 128.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000763 | 0 | 0.66667E-02 | 503495.4 | 3632833.5 | 128.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000764 | 0 | 0.66667E-02 | 503487.0 | 3632823.0 | 128.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000765 | 0 | 0.66667E-02 | 503478.7 | 3632812.6 | 127.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000766 | 0 | 0.66667E-02 | 503470.3 | 3632802.1 | 127.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |

```
 L0000767         0   0.66667E-02  503461.9 3632791.6   126.3     3.40     6.23
3.16     YES                     NO
 L0000768         0   0.66667E-02  503453.5 3632781.2   126.0     3.40     6.23
3.16     YES                     NO
 L0000769         0   0.66667E-02  503442.5 3632774.3   125.8     3.40     6.23
3.16     YES                     NO
 L0000770         0   0.66667E-02  503430.0 3632769.6   125.7     3.40     6.23
3.16     YES                     NO
 L0000771         0   0.66667E-02  503417.5 3632764.8   125.7     3.40     6.23
3.16     YES                     NO
 L0000772         0   0.66667E-02  503405.0 3632760.0   125.3     3.40     6.23
3.16     YES                     NO
 L0000773         0   0.66667E-02  503392.4 3632755.2   124.9     3.40     6.23
3.16     YES                     NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 L0000774         0   0.66667E-02  503379.9 3632750.4   124.2     3.40     6.23
3.16     YES                     NO
 L0000775         0   0.66667E-02  503367.4 3632745.6   123.6     3.40     6.23
3.16     YES                     NO
 L0000776         0   0.66667E-02  503354.9 3632740.8   124.1     3.40     6.23
3.16     YES                     NO
 L0000777         0   0.66667E-02  503342.4 3632736.1   124.7     3.40     6.23
3.16     YES                     NO
 L0000778         0   0.66667E-02  503329.9 3632731.3   127.1     3.40     6.23
3.16     YES                     NO
 L0000779         0   0.66667E-02  503316.9 3632728.7   129.7     3.40     6.23
3.16     YES                     NO
 L0000780         0   0.66667E-02  503303.5 3632727.8   132.3     3.40     6.23
3.16     YES                     NO
 L0000781         0   0.66667E-02  503290.1 3632726.9   134.9     3.40     6.23
3.16     YES                     NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000782 | 0 | 0.66667E-02 | 503276.7 | 3632726.0 | 134.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000783 | 0 | 0.66667E-02 | 503263.4 | 3632725.1 | 134.7 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000784 | 0 | 0.66667E-02 | 503250.0 | 3632724.1 | 134.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000785 | 0 | 0.66667E-02 | 503236.6 | 3632723.2 | 134.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000786 | 0 | 0.66667E-02 | 503223.3 | 3632722.3 | 133.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000787 | 0 | 0.66667E-02 | 503209.9 | 3632721.4 | 133.7 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000788 | 0 | 0.66667E-02 | 503196.5 | 3632720.5 | 134.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000789 | 0 | 0.66667E-02 | 503183.2 | 3632719.6 | 134.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000790 | 0 | 0.66667E-02 | 503169.8 | 3632718.7 | 134.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000791 | 0 | 0.66667E-02 | 503156.4 | 3632718.2 | 134.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000792 | 0 | 0.66667E-02 | 503143.0 | 3632718.4 | 133.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000793 | 0 | 0.66667E-02 | 503129.6 | 3632718.6 | 133.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000794 | 0 | 0.66667E-02 | 503116.2 | 3632718.8 | 132.7 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000795 | 0 | 0.66667E-02 | 503102.8 | 3632719.0 | 132.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000796 | 0 | 0.66667E-02 | 503089.4 | 3632719.1 | 131.7 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000797 | 0 | 0.66667E-02 | 503076.0 | 3632719.3 | 131.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000798 | 0 | 0.66667E-02 | 503062.6 | 3632719.5 | 130.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000799 | 0 | 0.66667E-02 | 503049.2 | 3632719.7 | 130.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000800 | 0 | 0.66667E-02 | 503035.8 | 3632719.9 | 129.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000801 | 0 | 0.66667E-02 | 503022.4 | 3632720.1 | 128.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000802 | 0 | 0.66667E-02 | 503009.0 | 3632720.3 | 128.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000803 | 0 | 0.66667E-02 | 502995.6 | 3632720.5 | 127.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000804 | 0 | 0.66667E-02 | 502982.2 | 3632720.7 | 127.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000805 | 0 | 0.66667E-02 | 502968.8 | 3632720.9 | 127.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0000806 | 0 | 0.66667E-02 | 502955.4 | 3632721.1 | 126.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |

```
 L0000807         0   0.66667E-02  502942.0 3632721.3   126.1     3.40     6.23
3.16     YES                    NO
 L0000808         0   0.66667E-02  502928.6 3632721.5   125.4     3.40     6.23
3.16     YES                    NO
 L0000809         0   0.66667E-02  502915.2 3632721.7   124.7     3.40     6.23
3.16     YES                    NO
 L0000810         0   0.66667E-02  502901.9 3632722.1   124.0     3.40     6.23
3.16     YES                    NO
 L0000811         0   0.66667E-02  502888.5 3632723.2   123.7     3.40     6.23
3.16     YES                    NO
 L0000812         0   0.66667E-02  502875.1 3632724.3   123.5     3.40     6.23
3.16     YES                    NO
 L0000813         0   0.66667E-02  502861.8 3632725.4   123.1     3.40     6.23
3.16     YES                    NO
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY | AIRCRAFT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L0000814 | 0 | 0.66667E-02 | 502848.4 | 3632726.5 | 122.8 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0000815 | 0 | 0.66667E-02 | 502835.1 | 3632727.6 | 122.6 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0000816 | 0 | 0.66667E-02 | 502821.7 | 3632728.6 | 122.4 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0000817 | 0 | 0.66667E-02 | 502808.4 | 3632729.7 | 122.2 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0000818 | 0 | 0.66667E-02 | 502795.0 | 3632730.8 | 122.2 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0000819 | 0 | 0.66667E-02 | 502781.7 | 3632731.9 | 122.2 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0000820 | 0 | 0.66667E-02 | 502768.3 | 3632733.0 | 122.2 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0000821 | 0 | 0.66667E-02 | 502754.9 | 3632734.1 | 122.2 | 3.40 | 6.23 | 3.16 | YES | NO | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000822 | 0 | 0.66667E-02 | 502741.6 | 3632735.2 | 121.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000823 | 0 | 0.66667E-02 | 502728.2 | 3632736.2 | 121.1 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000824 | 0 | 0.66667E-02 | 502714.9 | 3632737.3 | 120.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000825 | 0 | 0.66667E-02 | 502701.5 | 3632738.4 | 120.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000826 | 0 | 0.66667E-02 | 502688.2 | 3632739.5 | 119.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000827 | 0 | 0.66667E-02 | 502674.8 | 3632740.6 | 119.1 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000828 | 0 | 0.66667E-02 | 502661.4 | 3632741.7 | 118.8 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000829 | 0 | 0.66667E-02 | 502648.1 | 3632742.8 | 118.8 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000830 | 0 | 0.66667E-02 | 502634.7 | 3632743.9 | 118.9 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000831 | 0 | 0.66667E-02 | 502621.4 | 3632744.9 | 119.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000832 | 0 | 0.66667E-02 | 502608.0 | 3632746.0 | 119.1 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000833 | 0 | 0.66667E-02 | 502594.7 | 3632747.1 | 119.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000834 | 0 | 0.66667E-02 | 502581.3 | 3632747.8 | 119.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000835 | 0 | 0.66667E-02 | 502567.9 | 3632748.0 | 118.8 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000836 | 0 | 0.66667E-02 | 502554.5 | 3632748.2 | 118.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000837 | 0 | 0.66667E-02 | 502541.1 | 3632748.4 | 118.4 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000838 | 0 | 0.66667E-02 | 502527.7 | 3632748.6 | 118.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000839 | 0 | 0.66667E-02 | 502514.3 | 3632748.8 | 117.9 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000840 | 0 | 0.66667E-02 | 502500.9 | 3632749.0 | 115.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000841 | 0 | 0.66667E-02 | 502487.5 | 3632749.2 | 112.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000842 | 0 | 0.66667E-02 | 502474.1 | 3632749.4 | 110.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000843 | 0 | 0.66667E-02 | 502460.7 | 3632749.6 | 109.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000844 | 0 | 0.66667E-02 | 502447.3 | 3632749.8 | 111.7 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000845 | 0 | 0.66667E-02 | 502433.9 | 3632750.0 | 115.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000846 | 0 | 0.66667E-02 | 502420.5 | 3632750.2 | 115.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |

```
 L0000847         0   0.66667E-02  502407.1 3632750.4   115.4     3.40     6.23
3.16     YES                    NO
 L0000848         0   0.66667E-02  502393.7 3632750.6   115.1     3.40     6.23
3.16     YES                    NO
 L0000849         0   0.66667E-02  502380.3 3632750.8   114.8     3.40     6.23
3.16     YES                    NO
 L0000850         0   0.66667E-02  502366.9 3632750.9   114.5     3.40     6.23
3.16     YES                    NO
 L0000851         0   0.66667E-02  502353.5 3632751.1   114.2     3.40     6.23
3.16     YES                    NO
 L0000852         0   0.66667E-02  502340.1 3632751.3   114.0     3.40     6.23
3.16     YES                    NO
 L0000853         0   0.66667E-02  502326.7 3632751.5   113.8     3.40     6.23
3.16     YES                    NO
```



```
                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000854         0   0.66667E-02  502313.3 3632751.7   113.5     3.40     6.23
3.16     YES                    NO
 L0000855         0   0.66667E-02  502299.9 3632751.9   113.3     3.40     6.23
3.16     YES                    NO
 L0000856         0   0.66667E-02  502286.5 3632752.1   113.0     3.40     6.23
3.16     YES                    NO
 L0000857         0   0.66667E-02  502273.1 3632752.3   112.7     3.40     6.23
3.16     YES                    NO
 L0000858         0   0.66667E-02  502259.7 3632752.5   112.5     3.40     6.23
3.16     YES                    NO
 L0000859         0   0.66667E-02  502246.3 3632752.7   112.2     3.40     6.23
3.16     YES                    NO
 L0000860         0   0.66667E-02  502232.9 3632752.9   112.0     3.40     6.23
3.16     YES                    NO
 L0000861         0   0.66667E-02  502219.5 3632753.1   111.8     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000862 | 0 | 0.66667E-02 | 502206.1 | 3632753.3 | 111.6 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000863 | 0 | 0.66667E-02 | 502192.7 | 3632753.5 | 111.5 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000864 | 0 | 0.66667E-02 | 502179.3 | 3632753.7 | 111.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000865 | 0 | 0.66667E-02 | 502165.9 | 3632753.9 | 111.3 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000866 | 0 | 0.66667E-02 | 502152.5 | 3632754.1 | 111.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000867 | 0 | 0.66667E-02 | 502139.1 | 3632754.2 | 111.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000868 | 0 | 0.66667E-02 | 502125.7 | 3632754.4 | 111.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000869 | 0 | 0.66667E-02 | 502112.3 | 3632754.6 | 111.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000870 | 0 | 0.66667E-02 | 502098.9 | 3632754.8 | 111.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000871 | 0 | 0.66667E-02 | 502085.5 | 3632755.0 | 111.3 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000872 | 0 | 0.66667E-02 | 502072.1 | 3632755.2 | 111.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000873 | 0 | 0.66667E-02 | 502058.8 | 3632755.4 | 111.5 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000874 | 0 | 0.66667E-02 | 502045.4 | 3632755.6 | 111.7 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000875 | 0 | 0.66667E-02 | 502032.0 | 3632755.8 | 111.8 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000876 | 0 | 0.66667E-02 | 502018.6 | 3632756.0 | 112.0 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000877 | 0 | 0.66667E-02 | 502005.2 | 3632756.2 | 111.7 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000878 | 0 | 0.66667E-02 | 501991.8 | 3632756.4 | 111.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000879 | 0 | 0.66667E-02 | 501978.4 | 3632756.6 | 111.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000880 | 0 | 0.66667E-02 | 501965.0 | 3632756.8 | 111.3 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000881 | 0 | 0.66667E-02 | 501951.6 | 3632757.0 | 111.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000882 | 0 | 0.66667E-02 | 501938.2 | 3632757.2 | 111.5 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000883 | 0 | 0.66667E-02 | 501924.8 | 3632757.4 | 111.7 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000884 | 0 | 0.66667E-02 | 501911.4 | 3632757.6 | 111.9 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000885 | 0 | 0.66667E-02 | 501898.0 | 3632757.7 | 112.0 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0000886 | 0 | 0.66667E-02 | 501884.6 | 3632757.9 | 112.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |

```
 L0000887         0   0.66667E-02  501871.2 3632758.1   112.4     3.40     6.23
3.16     YES                    NO
 L0000888         0   0.66667E-02  501857.8 3632758.3   112.6     3.40     6.23
3.16     YES                    NO
 L0000889         0   0.66667E-02  501844.4 3632758.5   112.8     3.40     6.23
3.16     YES                    NO
 L0000890         0   0.66667E-02  501831.0 3632758.7   112.9     3.40     6.23
3.16     YES                    NO
 L0000891         0   0.66667E-02  501817.6 3632758.9   113.0     3.40     6.23
3.16     YES                    NO
 L0000892         0   0.66667E-02  501804.2 3632759.1   113.1     3.40     6.23
3.16     YES                    NO
 L0000893         0   0.66667E-02  501790.8 3632759.3   113.3     3.40     6.23
3.16     YES                    NO
```



```
                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000894         0   0.66667E-02  501777.4 3632759.5   113.5     3.40     6.23
3.16     YES                    NO
 L0000895         0   0.66667E-02  501764.0 3632759.7   113.7     3.40     6.23
3.16     YES                    NO
 L0000896         0   0.66667E-02  501750.6 3632759.9   113.9     3.40     6.23
3.16     YES                    NO
 L0000897         0   0.66667E-02  501737.2 3632760.1   114.1     3.40     6.23
3.16     YES                    NO
 L0000898         0   0.66667E-02  501723.8 3632760.3   114.3     3.40     6.23
3.16     YES                    NO
 L0000899         0   0.66667E-02  501710.4 3632760.5   114.6     3.40     6.23
3.16     YES                    NO
 L0000900         0   0.66667E-02  501697.0 3632760.7   115.0     3.40     6.23
3.16     YES                    NO
 L0000901         0   0.66667E-02  501683.6 3632760.9   115.4     3.40     6.23
3.16     YES                    NO
```

```
 L0000902         0   0.66667E-02  501670.2 3632761.0   115.7     3.40     6.23
3.16     YES                  NO
 L0000903         0   0.66667E-02  501656.8 3632761.2   115.9     3.40     6.23
3.16     YES                  NO
 L0000904         0   0.66667E-02  501643.4 3632761.4   116.0     3.40     6.23
3.16     YES                  NO
 L0000905         0   0.66667E-02  501630.0 3632761.6   116.2     3.40     6.23
3.16     YES                  NO
 L0000906         0   0.66667E-02  501616.6 3632761.8   116.4     3.40     6.23
3.16     YES                  NO
 L0000907         0   0.66667E-02  501603.2 3632762.0   116.5     3.40     6.23
3.16     YES                  NO
 L0000908         0   0.66667E-02  501589.8 3632762.2   116.7     3.40     6.23
3.16     YES                  NO
 L0000909         0   0.66667E-02  501576.4 3632762.4   116.9     3.40     6.23
3.16     YES                  NO
 L0000928         0   0.10000E+00  503914.3 3634376.2   109.2     3.40     6.23
3.16     YES                  NO
 L0000929         0   0.10000E+00  503927.3 3634373.2   109.2     3.40     6.23
3.16     YES                  NO
 L0000930         0   0.10000E+00  503939.0 3634369.0   109.3     3.40     6.23
3.16     YES                  NO
 L0000931         0   0.10000E+00  503939.6 3634355.6   109.3     3.40     6.23
3.16     YES                  NO
 L0000932         0   0.10000E+00  503940.2 3634342.2   109.3     3.40     6.23
3.16     YES                  NO
 L0000933         0   0.10000E+00  503940.7 3634328.8   109.4     3.40     6.23
3.16     YES                  NO
 L0000934         0   0.10000E+00  503941.3 3634315.5   109.5     3.40     6.23
3.16     YES                  NO
 L0000935         0   0.10000E+00  503941.8 3634302.1   109.5     3.40     6.23
3.16     YES                  NO
 L0000936         0   0.10000E+00  503942.4 3634288.7   109.5     3.40     6.23
3.16     YES                  NO
 L0000937         0   0.10000E+00  503942.9 3634275.3   109.5     3.40     6.23
3.16     YES                  NO
 L0000938         0   0.17544E-01  503881.7 3634377.5   109.3     3.40     6.23
3.16     YES                  NO
 L0000939         0   0.17544E-01  503868.3 3634377.5   109.4     3.40     6.23
3.16     YES                  NO
 L0000940         0   0.17544E-01  503854.9 3634377.4   109.5     3.40     6.23
3.16     YES                  NO
 L0000941         0   0.17544E-01  503841.5 3634377.4   109.4     3.40     6.23
3.16     YES                  NO
 L0000942         0   0.17544E-01  503828.1 3634377.4   109.4     3.40     6.23
3.16     YES                  NO
 L0000943         0   0.17544E-01  503814.7 3634377.3   109.3     3.40     6.23
3.16     YES                  NO
 L0000944         0   0.17544E-01  503801.3 3634377.3   109.2     3.40     6.23
3.16     YES                  NO
```

```
 L0000945         0   0.17544E-01  503787.9 3634377.3   109.2     3.40     6.23
3.16     YES                    NO
 L0000946         0   0.17544E-01  503774.5 3634377.2   109.2     3.40     6.23
3.16     YES                    NO
 L0000947         0   0.17544E-01  503761.1 3634377.2   109.1     3.40     6.23
3.16     YES                    NO
 L0000948         0   0.17544E-01  503747.7 3634377.2   109.1     3.40     6.23
3.16     YES                    NO
 L0000949         0   0.17544E-01  503734.3 3634377.1   109.1     3.40     6.23
3.16     YES                    NO
 L0000950         0   0.17544E-01  503720.9 3634377.1   109.0     3.40     6.23
3.16     YES                    NO
 L0000951         0   0.17544E-01  503707.5 3634377.1   109.0     3.40     6.23
3.16     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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 L0000952         0   0.17544E-01  503694.1 3634377.0   109.0     3.40     6.23
3.16     YES                    NO
 L0000953         0   0.17544E-01  503680.7 3634377.0   109.0     3.40     6.23
3.16     YES                    NO
 L0000954         0   0.17544E-01  503679.2 3634388.8   109.0     3.40     6.23
3.16     YES                    NO
 L0000955         0   0.17544E-01  503679.4 3634402.2   109.0     3.40     6.23
3.16     YES                    NO
 L0000956         0   0.17544E-01  503679.5 3634415.6   108.8     3.40     6.23
3.16     YES                    NO
 L0000957         0   0.17544E-01  503679.7 3634429.0   108.7     3.40     6.23
3.16     YES                    NO
 L0000958         0   0.17544E-01  503679.8 3634442.4   108.6     3.40     6.23
3.16     YES                    NO
 L0000959         0   0.17544E-01  503680.0 3634455.8   108.5     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0000960 | 0 | 0.17544E-01 | 503680.1 | 3634469.2 | 108.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000961 | 0 | 0.17544E-01 | 503680.3 | 3634482.6 | 108.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000962 | 0 | 0.17544E-01 | 503680.5 | 3634496.0 | 108.7 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000963 | 0 | 0.17544E-01 | 503680.6 | 3634509.4 | 108.7 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000964 | 0 | 0.17544E-01 | 503680.8 | 3634522.8 | 108.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000965 | 0 | 0.17544E-01 | 503680.9 | 3634536.2 | 108.7 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000966 | 0 | 0.17544E-01 | 503681.1 | 3634549.6 | 108.7 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000967 | 0 | 0.17544E-01 | 503689.5 | 3634554.6 | 108.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000968 | 0 | 0.17544E-01 | 503702.9 | 3634554.7 | 108.4 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000969 | 0 | 0.17544E-01 | 503716.3 | 3634554.7 | 108.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000970 | 0 | 0.17544E-01 | 503729.7 | 3634554.7 | 108.2 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000971 | 0 | 0.17544E-01 | 503743.1 | 3634554.8 | 107.9 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000972 | 0 | 0.17544E-01 | 503756.5 | 3634554.8 | 107.7 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000973 | 0 | 0.17544E-01 | 503769.9 | 3634554.8 | 107.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000974 | 0 | 0.17544E-01 | 503783.3 | 3634554.9 | 107.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000975 | 0 | 0.17544E-01 | 503796.7 | 3634554.9 | 107.5 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000976 | 0 | 0.17544E-01 | 503810.1 | 3634554.9 | 107.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000977 | 0 | 0.17544E-01 | 503823.5 | 3634554.9 | 107.6 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000978 | 0 | 0.17544E-01 | 503836.9 | 3634555.0 | 107.8 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000979 | 0 | 0.17544E-01 | 503850.3 | 3634555.0 | 108.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000980 | 0 | 0.17544E-01 | 503863.7 | 3634555.0 | 108.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000981 | 0 | 0.17544E-01 | 503877.1 | 3634555.1 | 108.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000982 | 0 | 0.17544E-01 | 503890.5 | 3634555.1 | 108.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000983 | 0 | 0.17544E-01 | 503903.9 | 3634555.1 | 108.3 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |
| L0000984 | 0 | 0.17544E-01 | 503906.8 | 3634544.6 | 109.0 | 3.40 | 6.23 | |
| 3.16 | YES | | NO | | | | | |

```
 L0000985         0   0.17544E-01  503907.0 3634531.2   109.3     3.40     6.23
3.16     YES                    NO
 L0000986         0   0.17544E-01  503907.1 3634517.8   109.5     3.40     6.23
3.16     YES                    NO
 L0000987         0   0.17544E-01  503907.2 3634504.4   109.5     3.40     6.23
3.16     YES                    NO
 L0000988         0   0.17544E-01  503907.4 3634491.0   109.5     3.40     6.23
3.16     YES                    NO
 L0000989         0   0.17544E-01  503907.5 3634477.6   109.4     3.40     6.23
3.16     YES                    NO
 L0000990         0   0.17544E-01  503907.6 3634464.2   109.4     3.40     6.23
3.16     YES                    NO
 L0000991         0   0.17544E-01  503907.8 3634450.8   109.3     3.40     6.23
3.16     YES                    NO
```



```
                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000992         0   0.17544E-01  503907.9 3634437.4   109.3     3.40     6.23
3.16     YES                    NO
 L0000993         0   0.17544E-01  503908.0 3634424.0   109.3     3.40     6.23
3.16     YES                    NO
 L0000994         0   0.17544E-01  503908.2 3634410.6   109.2     3.40     6.23
3.16     YES                    NO
 L0000995         0   0.56818E-02  503965.0 3634241.6   111.8     3.40     6.23
3.16     YES                    NO
 L0000996         0   0.56818E-02  503974.7 3634250.8   111.4     3.40     6.23
3.16     YES                    NO
 L0000997         0   0.56818E-02  503984.5 3634260.0   111.1     3.40     6.23
3.16     YES                    NO
 L0000998         0   0.56818E-02  503994.2 3634269.2   111.0     3.40     6.23
3.16     YES                    NO
 L0000999         0   0.56818E-02  504004.0 3634278.4   111.2     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0001000 | 0 | 0.56818E-02 | 504013.7 | 3634287.6 | 111.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001001 | 0 | 0.56818E-02 | 504023.5 | 3634296.8 | 111.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001002 | 0 | 0.56818E-02 | 504033.2 | 3634306.0 | 111.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001003 | 0 | 0.56818E-02 | 504043.0 | 3634315.2 | 111.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001004 | 0 | 0.56818E-02 | 504052.8 | 3634324.4 | 111.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001005 | 0 | 0.56818E-02 | 504062.5 | 3634333.5 | 111.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001006 | 0 | 0.56818E-02 | 504072.3 | 3634342.7 | 111.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001007 | 0 | 0.56818E-02 | 504082.0 | 3634351.9 | 111.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001008 | 0 | 0.56818E-02 | 504091.8 | 3634361.1 | 111.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001009 | 0 | 0.56818E-02 | 504101.5 | 3634370.3 | 111.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001010 | 0 | 0.56818E-02 | 504111.3 | 3634379.5 | 111.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001011 | 0 | 0.56818E-02 | 504121.0 | 3634388.7 | 111.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001012 | 0 | 0.56818E-02 | 504130.8 | 3634397.9 | 111.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001013 | 0 | 0.56818E-02 | 504140.5 | 3634407.1 | 111.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001014 | 0 | 0.56818E-02 | 504150.3 | 3634416.2 | 111.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001015 | 0 | 0.56818E-02 | 504160.0 | 3634425.4 | 111.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001016 | 0 | 0.56818E-02 | 504169.8 | 3634434.6 | 111.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001017 | 0 | 0.56818E-02 | 504179.5 | 3634443.8 | 111.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001018 | 0 | 0.56818E-02 | 504189.3 | 3634453.0 | 111.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001019 | 0 | 0.56818E-02 | 504199.0 | 3634462.2 | 111.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001020 | 0 | 0.56818E-02 | 504208.8 | 3634471.4 | 111.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001021 | 0 | 0.56818E-02 | 504218.5 | 3634480.6 | 111.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001022 | 0 | 0.56818E-02 | 504228.3 | 3634489.8 | 111.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001023 | 0 | 0.56818E-02 | 504238.1 | 3634498.9 | 111.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001024 | 0 | 0.56818E-02 | 504247.8 | 3634508.1 | 111.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |

```
 L0001025         0   0.56818E-02  504257.6 3634517.3   111.2     3.40     6.23
3.16     YES                    NO
 L0001026         0   0.56818E-02  504267.3 3634526.5   111.3     3.40     6.23
3.16     YES                    NO
 L0001027         0   0.56818E-02  504277.1 3634535.7   111.3     3.40     6.23
3.16     YES                    NO
 L0001028         0   0.56818E-02  504286.8 3634544.9   111.3     3.40     6.23
3.16     YES                    NO
 L0001029         0   0.56818E-02  504296.6 3634554.1   111.3     3.40     6.23
3.16     YES                    NO
 L0001030         0   0.56818E-02  504306.3 3634563.3   111.3     3.40     6.23
3.16     YES                    NO
 L0001031         0   0.56818E-02  504316.1 3634572.5   111.2     3.40     6.23
3.16     YES                    NO
```



```
                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0001032         0   0.56818E-02  504325.8 3634581.7   111.3     3.40     6.23
3.16     YES                    NO
 L0001033         0   0.56818E-02  504335.6 3634590.8   111.2     3.40     6.23
3.16     YES                    NO
 L0001034         0   0.56818E-02  504345.3 3634600.0   111.2     3.40     6.23
3.16     YES                    NO
 L0001035         0   0.56818E-02  504355.1 3634609.2   111.3     3.40     6.23
3.16     YES                    NO
 L0001036         0   0.56818E-02  504364.8 3634618.4   111.4     3.40     6.23
3.16     YES                    NO
 L0001037         0   0.56818E-02  504374.6 3634627.6   111.5     3.40     6.23
3.16     YES                    NO
 L0001038         0   0.56818E-02  504384.3 3634636.8   111.5     3.40     6.23
3.16     YES                    NO
 L0001039         0   0.56818E-02  504394.1 3634646.0   111.6     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0001040 | 0 | 0.56818E-02 | 504403.8 | 3634655.2 | 111.7 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001041 | 0 | 0.56818E-02 | 504413.6 | 3634664.4 | 111.8 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001042 | 0 | 0.56818E-02 | 504423.4 | 3634673.5 | 111.8 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001043 | 0 | 0.56818E-02 | 504433.1 | 3634682.7 | 111.8 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001044 | 0 | 0.56818E-02 | 504442.9 | 3634691.9 | 111.9 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001045 | 0 | 0.56818E-02 | 504452.6 | 3634701.1 | 112.0 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001046 | 0 | 0.56818E-02 | 504462.4 | 3634710.3 | 112.0 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001047 | 0 | 0.56818E-02 | 504472.1 | 3634719.5 | 112.0 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001048 | 0 | 0.56818E-02 | 504481.9 | 3634728.7 | 112.1 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001049 | 0 | 0.56818E-02 | 504491.6 | 3634737.9 | 112.1 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001050 | 0 | 0.56818E-02 | 504501.4 | 3634747.1 | 112.1 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001051 | 0 | 0.56818E-02 | 504511.1 | 3634756.2 | 112.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001052 | 0 | 0.56818E-02 | 504520.9 | 3634765.4 | 112.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001053 | 0 | 0.56818E-02 | 504530.6 | 3634774.6 | 112.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001054 | 0 | 0.56818E-02 | 504540.1 | 3634784.1 | 112.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001055 | 0 | 0.56818E-02 | 504548.9 | 3634794.2 | 112.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001056 | 0 | 0.56818E-02 | 504557.6 | 3634804.4 | 112.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001057 | 0 | 0.56818E-02 | 504566.3 | 3634814.6 | 112.3 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001058 | 0 | 0.56818E-02 | 504575.1 | 3634824.7 | 112.3 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001059 | 0 | 0.56818E-02 | 504583.8 | 3634834.9 | 112.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001060 | 0 | 0.56818E-02 | 504592.5 | 3634845.1 | 112.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001061 | 0 | 0.56818E-02 | 504601.2 | 3634855.2 | 112.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001062 | 0 | 0.56818E-02 | 504610.0 | 3634865.4 | 112.5 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001063 | 0 | 0.56818E-02 | 504618.7 | 3634875.6 | 112.6 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001064 | 0 | 0.56818E-02 | 504627.4 | 3634885.7 | 112.8 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |

```
 L0001065         0   0.56818E-02  504636.1 3634895.9   112.9     3.40     6.23
3.16     YES                    NO
 L0001066         0   0.56818E-02  504644.9 3634906.1   113.2     3.40     6.23
3.16     YES                    NO
 L0001067         0   0.56818E-02  504653.6 3634916.2   113.5     3.40     6.23
3.16     YES                    NO
 L0001068         0   0.56818E-02  504662.3 3634926.4   113.7     3.40     6.23
3.16     YES                    NO
 L0001069         0   0.56818E-02  504671.1 3634936.6   114.1     3.40     6.23
3.16     YES                    NO
 L0001070         0   0.56818E-02  504679.8 3634946.7   114.4     3.40     6.23
3.16     YES                    NO
 L0001071         0   0.56818E-02  504688.5 3634956.9   114.8     3.40     6.23
3.16     YES                    NO
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY | AIRCRAFT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L0001072 | 0 | 0.56818E-02 | 504697.2 | 3634967.1 | 115.2 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001073 | 0 | 0.56818E-02 | 504706.0 | 3634977.2 | 115.6 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001074 | 0 | 0.56818E-02 | 504714.7 | 3634987.4 | 116.0 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001075 | 0 | 0.56818E-02 | 504723.4 | 3634997.6 | 116.5 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001076 | 0 | 0.56818E-02 | 504732.2 | 3635007.7 | 116.9 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001077 | 0 | 0.56818E-02 | 504740.9 | 3635017.9 | 117.3 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001078 | 0 | 0.56818E-02 | 504749.6 | 3635028.1 | 117.9 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001079 | 0 | 0.56818E-02 | 504758.3 | 3635038.2 | 118.3 | 3.40 | 6.23 | 3.16 | YES | NO | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0001080 | 0 | 0.56818E-02 | 504767.1 | 3635048.4 | 118.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001081 | 0 | 0.56818E-02 | 504775.8 | 3635058.6 | 119.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001082 | 0 | 0.56818E-02 | 504784.5 | 3635068.7 | 119.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001083 | 0 | 0.56818E-02 | 504794.3 | 3635077.9 | 119.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001084 | 0 | 0.56818E-02 | 504804.5 | 3635086.5 | 120.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001085 | 0 | 0.56818E-02 | 504814.8 | 3635095.1 | 120.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001086 | 0 | 0.56818E-02 | 504825.0 | 3635103.8 | 120.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001087 | 0 | 0.56818E-02 | 504835.3 | 3635112.4 | 120.6 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001088 | 0 | 0.56818E-02 | 504845.5 | 3635121.1 | 120.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001089 | 0 | 0.56818E-02 | 504855.8 | 3635129.7 | 121.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001090 | 0 | 0.56818E-02 | 504866.0 | 3635138.3 | 121.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001091 | 0 | 0.56818E-02 | 504876.2 | 3635147.0 | 121.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001092 | 0 | 0.56818E-02 | 504886.5 | 3635155.6 | 121.9 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001093 | 0 | 0.56818E-02 | 504896.7 | 3635164.3 | 121.8 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001094 | 0 | 0.56818E-02 | 504907.0 | 3635172.9 | 122.0 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001095 | 0 | 0.56818E-02 | 504917.2 | 3635181.5 | 122.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001096 | 0 | 0.56818E-02 | 504927.4 | 3635190.2 | 122.3 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001097 | 0 | 0.56818E-02 | 504937.7 | 3635198.8 | 119.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001098 | 0 | 0.56818E-02 | 504947.9 | 3635207.5 | 115.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001099 | 0 | 0.56818E-02 | 504959.8 | 3635213.2 | 116.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001100 | 0 | 0.56818E-02 | 504972.5 | 3635217.4 | 120.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001101 | 0 | 0.56818E-02 | 504985.3 | 3635221.5 | 122.4 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001102 | 0 | 0.56818E-02 | 504998.0 | 3635225.7 | 122.5 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001103 | 0 | 0.56818E-02 | 505010.7 | 3635229.9 | 122.2 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |
| L0001104 | 0 | 0.56818E-02 | 505023.5 | 3635234.0 | 122.1 | 3.40 | 6.23 | 3.16 |
| YES | | NO | | | | | | |

```
 L0001105         0   0.56818E-02  505036.2 3635238.2   122.2     3.40     6.23
3.16     YES                    NO
 L0001106         0   0.56818E-02  505048.9 3635242.4   122.2     3.40     6.23
3.16     YES                    NO
 L0001107         0   0.56818E-02  505061.7 3635246.5   122.0     3.40     6.23
3.16     YES                    NO
 L0001108         0   0.56818E-02  505074.4 3635250.7   121.8     3.40     6.23
3.16     YES                    NO
 L0001109         0   0.56818E-02  505087.2 3635254.5   121.4     3.40     6.23
3.16     YES                    NO
 L0001110         0   0.56818E-02  505100.5 3635256.3   120.8     3.40     6.23
3.16     YES                    NO
 L0001111         0   0.56818E-02  505113.8 3635258.1   120.5     3.40     6.23
3.16     YES                    NO
```



```
                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001112         0   0.56818E-02  505127.1 3635260.0   120.2     3.40     6.23
3.16     YES                    NO
 L0001113         0   0.56818E-02  505140.3 3635261.8   120.0     3.40     6.23
3.16     YES                    NO
 L0001114         0   0.56818E-02  505153.6 3635263.6   119.8     3.40     6.23
3.16     YES                    NO
 L0001115         0   0.56818E-02  505166.9 3635265.5   119.6     3.40     6.23
3.16     YES                    NO
 L0001116         0   0.56818E-02  505180.2 3635267.3   119.3     3.40     6.23
3.16     YES                    NO
 L0001117         0   0.56818E-02  505193.4 3635269.1   118.9     3.40     6.23
3.16     YES                    NO
 L0001118         0   0.56818E-02  505206.7 3635270.9   118.5     3.40     6.23
3.16     YES                    NO
 L0001119         0   0.56818E-02  505220.0 3635272.8   118.0     3.40     6.23
3.16     YES                    NO
```

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L0001120 | 0 | 0.56818E-02 | 505233.3 | 3635274.6 | 117.6 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001121 | 0 | 0.56818E-02 | 505246.5 | 3635276.4 | 117.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001122 | 0 | 0.56818E-02 | 505259.8 | 3635278.3 | 116.9 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001123 | 0 | 0.56818E-02 | 505273.1 | 3635280.1 | 116.5 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001124 | 0 | 0.56818E-02 | 505286.4 | 3635281.9 | 116.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001125 | 0 | 0.56818E-02 | 505299.6 | 3635283.7 | 116.0 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001126 | 0 | 0.56818E-02 | 505312.9 | 3635285.6 | 115.7 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001127 | 0 | 0.56818E-02 | 505326.2 | 3635287.4 | 115.5 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001128 | 0 | 0.56818E-02 | 505339.5 | 3635289.2 | 115.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001129 | 0 | 0.56818E-02 | 505352.7 | 3635291.1 | 115.3 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001130 | 0 | 0.56818E-02 | 505366.0 | 3635292.9 | 115.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001131 | 0 | 0.56818E-02 | 505379.3 | 3635294.7 | 115.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001132 | 0 | 0.56818E-02 | 505392.6 | 3635296.5 | 115.3 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001133 | 0 | 0.56818E-02 | 505405.8 | 3635298.4 | 115.4 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001134 | 0 | 0.56818E-02 | 505419.1 | 3635300.2 | 115.5 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001135 | 0 | 0.56818E-02 | 505432.4 | 3635302.0 | 115.7 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001136 | 0 | 0.56818E-02 | 505445.7 | 3635303.9 | 115.8 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001137 | 0 | 0.56818E-02 | 505458.9 | 3635305.7 | 115.8 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001138 | 0 | 0.56818E-02 | 505472.2 | 3635307.5 | 115.9 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001139 | 0 | 0.56818E-02 | 505485.5 | 3635309.3 | 115.9 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001140 | 0 | 0.56818E-02 | 505498.8 | 3635311.2 | 116.0 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001141 | 0 | 0.56818E-02 | 505512.0 | 3635313.0 | 116.1 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001142 | 0 | 0.56818E-02 | 505525.3 | 3635314.8 | 116.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001143 | 0 | 0.56818E-02 | 505538.6 | 3635316.7 | 116.2 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |
| L0001144 | 0 | 0.56818E-02 | 505551.9 | 3635318.5 | 116.1 | 3.40 | 6.23 | |
| 3.16 | YES | NO | | | | | | |

```
 L0001145         0   0.56818E-02  505565.1 3635320.3   116.1     3.40     6.23
3.16     YES                    NO
 L0001146         0   0.56818E-02  505578.4 3635322.1   116.0     3.40     6.23
3.16     YES                    NO
 L0001147         0   0.56818E-02  505591.7 3635324.0   115.8     3.40     6.23
3.16     YES                    NO
 L0001148         0   0.56818E-02  505604.9 3635325.8   115.8     3.40     6.23
3.16     YES                    NO
 L0001149         0   0.56818E-02  505618.2 3635327.6   115.9     3.40     6.23
3.16     YES                    NO
 L0001150         0   0.56818E-02  505631.5 3635329.5   116.1     3.40     6.23
3.16     YES                    NO
 L0001151         0   0.56818E-02  505644.8 3635331.3   116.3     3.40     6.23
3.16     YES                    NO
```



*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE BY | EMISSION RATE SCALAR VARY | AIRCRAFT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L0001152 | 0 | 0.56818E-02 | 505658.0 | 3635333.1 | 116.5 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001153 | 0 | 0.56818E-02 | 505671.0 | 3635336.3 | 116.7 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001154 | 0 | 0.56818E-02 | 505683.9 | 3635340.2 | 116.8 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001155 | 0 | 0.56818E-02 | 505696.7 | 3635344.1 | 116.9 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001156 | 0 | 0.56818E-02 | 505709.5 | 3635348.0 | 116.8 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001157 | 0 | 0.56818E-02 | 505722.3 | 3635351.9 | 116.6 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001158 | 0 | 0.56818E-02 | 505735.1 | 3635355.8 | 116.4 | 3.40 | 6.23 | 3.16 | YES | NO | |
| L0001159 | 0 | 0.56818E-02 | 505747.9 | 3635359.7 | 116.2 | 3.40 | 6.23 | 3.16 | YES | NO | |

```
 L0001160         0   0.56818E-02  505760.8 3635363.6   116.3     3.40     6.23
3.16     YES                    NO
 L0001161         0   0.56818E-02  505773.6 3635367.5   116.7     3.40     6.23
3.16     YES                    NO
 L0001162         0   0.56818E-02  505786.4 3635371.4   117.1     3.40     6.23
3.16     YES                    NO
 L0001163         0   0.56818E-02  505799.2 3635375.3   117.2     3.40     6.23
3.16     YES                    NO
 L0001164         0   0.56818E-02  505812.0 3635379.2   117.2     3.40     6.23
3.16     YES                    NO
 L0001165         0   0.56818E-02  505824.8 3635383.1   117.1     3.40     6.23
3.16     YES                    NO
 L0001166         0   0.56818E-02  505837.7 3635387.1   116.8     3.40     6.23
3.16     YES                    NO
 L0001167         0   0.56818E-02  505850.5 3635391.0   116.9     3.40     6.23
3.16     YES                    NO
 L0001168         0   0.56818E-02  505863.3 3635394.9   117.2     3.40     6.23
3.16     YES                    NO
 L0001169         0   0.56818E-02  505876.2 3635398.0   117.4     3.40     6.23
3.16     YES                    NO
 L0001170         0   0.56818E-02  505883.9 3635399.8   117.5     3.40     6.23
3.16     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
 -----------                                              ----------


  ENTER      L0000928    , L0000929    , L0000930    , L0000931    , L0000932    ,
L0000933    , L0000934    , L0000935    ,

             L0000936    , L0000937    ,

  FIRE       FIRE        ,

  FORKN      L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
L0000915    , L0000916    , L0000917    ,

             L0000918    ,

  FORKS      L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
```

L0000924    , L0000925    , L0000926    ,

             L0000927    ,

  IDLEN      L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    ,

  IDLES      L0000310    , L0000311    , L0000312    , L0000313    , L0000314    ,
L0000315    , L0000316    , L0000317    ,

             L0000318    , L0000319    ,

  ONSITE     L0000938    , L0000939    , L0000940    , L0000941    , L0000942    ,
L0000943    , L0000944    , L0000945    ,

             L0000946    , L0000947    , L0000948    , L0000949    , L0000950    ,
L0000951    , L0000952    , L0000953    ,

             L0000954    , L0000955    , L0000956    , L0000957    , L0000958    ,
L0000959    , L0000960    , L0000961    ,

             L0000962    , L0000963    , L0000964    , L0000965    , L0000966    ,
L0000967    , L0000968    , L0000969    ,

             L0000970    , L0000971    , L0000972    , L0000973    , L0000974    ,
L0000975    , L0000976    , L0000977    ,

             L0000978    , L0000979    , L0000980    , L0000981    , L0000982    ,
L0000983    , L0000984    , L0000985    ,

             L0000986    , L0000987    , L0000988    , L0000989    , L0000990    ,
L0000991    , L0000992    , L0000993    ,

             L0000994    ,

  TRUCKN     L0000995    , L0000996    , L0000997    , L0000998    , L0000999    ,
L0001000    , L0001001    , L0001002    ,


*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
| --- | --- |
| | L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , |
| | L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , |
| | L0001019 , L0001020 , L0001021 , L0001022 , L0001023 , L0001024 , L0001025 , L0001026 , |
| | L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , |
| | L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , |
| | L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 , |
| | L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , L0001058 , |
| | L0001059 , L0001060 , L0001061 , L0001062 , L0001063 , L0001064 , L0001065 , L0001066 , |
| | L0001067 , L0001068 , L0001069 , L0001070 , L0001071 , L0001072 , L0001073 , L0001074 , |
| | L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001082 , |
| | L0001083 , L0001084 , L0001085 , L0001086 , L0001087 , L0001088 , L0001089 , L0001090 , |
| | L0001091 , L0001092 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , |
| | L0001099 , L0001100 , L0001101 , L0001102 , L0001103 , L0001104 , L0001105 , L0001106 , |
| | L0001107 , L0001108 , L0001109 , L0001110 , L0001111 , L0001112 , L0001113 , L0001114 , |
| | L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , L0001121 , L0001122 , |
| | L0001123 , L0001124 , L0001125 , L0001126 , L0001127 , |

L0001128    , L0001129    , L0001130    ,

             L0001131    , L0001132    , L0001133    , L0001134    , L0001135    ,
L0001136    , L0001137    , L0001138    ,

             L0001139    , L0001140    , L0001141    , L0001142    , L0001143    ,
L0001144    , L0001145    , L0001146    ,

             L0001147    , L0001148    , L0001149    , L0001150    , L0001151    ,
L0001152    , L0001153    , L0001154    ,

             L0001155    , L0001156    , L0001157    , L0001158    , L0001159    ,
L0001160    , L0001161    , L0001162    ,

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------

             L0001163    , L0001164    , L0001165    , L0001166    , L0001167    ,
L0001168    , L0001169    , L0001170    ,

  TRUCKS     L0000595    , L0000596    , L0000597    , L0000598    , L0000599    ,
L0000600    , L0000601    , L0000602    ,

             L0000603    , L0000604    , L0000605    , L0000606    , L0000607    ,
L0000608    , L0000609    , L0000610    ,

             L0000611    , L0000612    , L0000613    , L0000614    , L0000615    ,
L0000616    , L0000617    , L0000618    ,

             L0000619    , L0000620    , L0000621    , L0000622    , L0000623    ,
L0000624    , L0000625    , L0000626    ,

             L0000627    , L0000628    , L0000629    , L0000630    , L0000631    ,
L0000632    , L0000633    , L0000634    ,

             L0000635    , L0000636    , L0000637    , L0000638    , L0000639    ,
L0000640    , L0000641    , L0000642    ,

             L0000643    , L0000644    , L0000645    , L0000646    , L0000647    ,

L0000648    , L0000649    , L0000650    ,

             L0000651    , L0000652    , L0000653    , L0000654    , L0000655    ,
L0000656    , L0000657    , L0000658    ,

             L0000659    , L0000660    , L0000661    , L0000662    , L0000663    ,
L0000664    , L0000665    , L0000666    ,

             L0000667    , L0000668    , L0000669    , L0000670    , L0000671    ,
L0000672    , L0000673    , L0000674    ,

             L0000675    , L0000676    , L0000677    , L0000678    , L0000679    ,
L0000680    , L0000681    , L0000682    ,

             L0000683    , L0000684    , L0000685    , L0000686    , L0000687    ,
L0000688    , L0000689    , L0000690    ,

             L0000691    , L0000692    , L0000693    , L0000694    , L0000695    ,
L0000696    , L0000697    , L0000698    ,

             L0000699    , L0000700    , L0000701    , L0000702    ,

  TRUCKW     L0000760    , L0000761    , L0000762    , L0000763    , L0000764    ,
L0000765    , L0000766    , L0000767    ,

             L0000768    , L0000769    , L0000770    , L0000771    , L0000772    ,
L0000773    , L0000774    , L0000775    ,

             L0000776    , L0000777    , L0000778    , L0000779    , L0000780    ,
L0000781    , L0000782    , L0000783    ,

             L0000784    , L0000785    , L0000786    , L0000787    , L0000788    ,
L0000789    , L0000790    , L0000791    ,

             L0000792    , L0000793    , L0000794    , L0000795    , L0000796    ,
L0000797    , L0000798    , L0000799    ,

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------

L0000800 , L0000801 , L0000802 , L0000803 , L0000804 ,
L0000805 , L0000806 , L0000807 ,

L0000808 , L0000809 , L0000810 , L0000811 , L0000812 ,
L0000813 , L0000814 , L0000815 ,

L0000816 , L0000817 , L0000818 , L0000819 , L0000820 ,
L0000821 , L0000822 , L0000823 ,

L0000824 , L0000825 , L0000826 , L0000827 , L0000828 ,
L0000829 , L0000830 , L0000831 ,

L0000832 , L0000833 , L0000834 , L0000835 , L0000836 ,
L0000837 , L0000838 , L0000839 ,

L0000840 , L0000841 , L0000842 , L0000843 , L0000844 ,
L0000845 , L0000846 , L0000847 ,

L0000848 , L0000849 , L0000850 , L0000851 , L0000852 ,
L0000853 , L0000854 , L0000855 ,

L0000856 , L0000857 , L0000858 , L0000859 , L0000860 ,
L0000861 , L0000862 , L0000863 ,

L0000864 , L0000865 , L0000866 , L0000867 , L0000868 ,
L0000869 , L0000870 , L0000871 ,

L0000872 , L0000873 , L0000874 , L0000875 , L0000876 ,
L0000877 , L0000878 , L0000879 ,

L0000880 , L0000881 , L0000882 , L0000883 , L0000884 ,
L0000885 , L0000886 , L0000887 ,

L0000888 , L0000889 , L0000890 , L0000891 , L0000892 ,
L0000893 , L0000894 , L0000895 ,

L0000896 , L0000897 , L0000898 , L0000899 , L0000900 ,
L0000901 , L0000902 , L0000903 ,

L0000904 , L0000905 , L0000906 , L0000907 , L0000908 ,
L0000909 ,

ALL L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 ,

L0000009 , L0000010 , L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 ,

L0000316 , L0000317 , L0000318 , L0000319 , L0000910 ,

L0000911    , L0000912    , L0000913    ,

             L0000914    , L0000915    , L0000916    , L0000917    , L0000918    ,
L0000919    , L0000920    , L0000921    ,

             L0000922    , L0000923    , L0000924    , L0000925    , L0000926    ,
L0000927    , L0000595    , L0000596    ,

             L0000597    , L0000598    , L0000599    , L0000600    , L0000601    ,
L0000602    , L0000603    , L0000604    ,


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------

             L0000605    , L0000606    , L0000607    , L0000608    , L0000609    ,
L0000610    , L0000611    , L0000612    ,

             L0000613    , L0000614    , L0000615    , L0000616    , L0000617    ,
L0000618    , L0000619    , L0000620    ,

             L0000621    , L0000622    , L0000623    , L0000624    , L0000625    ,
L0000626    , L0000627    , L0000628    ,

             L0000629    , L0000630    , L0000631    , L0000632    , L0000633    ,
L0000634    , L0000635    , L0000636    ,

             L0000637    , L0000638    , L0000639    , L0000640    , L0000641    ,
L0000642    , L0000643    , L0000644    ,

             L0000645    , L0000646    , L0000647    , L0000648    , L0000649    ,
L0000650    , L0000651    , L0000652    ,

             L0000653    , L0000654    , L0000655    , L0000656    , L0000657    ,
L0000658    , L0000659    , L0000660    ,

             L0000661    , L0000662    , L0000663    , L0000664    , L0000665    ,
L0000666    , L0000667    , L0000668    ,

             L0000669    , L0000670    , L0000671    , L0000672    , L0000673    ,

L0000674    , L0000675    , L0000676    ,

             L0000677    , L0000678    , L0000679    , L0000680    , L0000681    ,
L0000682    , L0000683    , L0000684    ,

             L0000685    , L0000686    , L0000687    , L0000688    , L0000689    ,
L0000690    , L0000691    , L0000692    ,

             L0000693    , L0000694    , L0000695    , L0000696    , L0000697    ,
L0000698    , L0000699    , L0000700    ,

             L0000701    , L0000702    , L0000760    , L0000761    , L0000762    ,
L0000763    , L0000764    , L0000765    ,

             L0000766    , L0000767    , L0000768    , L0000769    , L0000770    ,
L0000771    , L0000772    , L0000773    ,

             L0000774    , L0000775    , L0000776    , L0000777    , L0000778    ,
L0000779    , L0000780    , L0000781    ,

             L0000782    , L0000783    , L0000784    , L0000785    , L0000786    ,
L0000787    , L0000788    , L0000789    ,

             L0000790    , L0000791    , L0000792    , L0000793    , L0000794    ,
L0000795    , L0000796    , L0000797    ,

             L0000798    , L0000799    , L0000800    , L0000801    , L0000802    ,
L0000803    , L0000804    , L0000805    ,

             L0000806    , L0000807    , L0000808    , L0000809    , L0000810    ,
L0000811    , L0000812    , L0000813    ,

             L0000814    , L0000815    , L0000816    , L0000817    , L0000818    ,
L0000819    , L0000820    , L0000821    ,


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------

             L0000822    , L0000823    , L0000824    , L0000825    , L0000826    ,

L0000827 , L0000828 , L0000829 ,

L0000830 , L0000831 , L0000832 , L0000833 , L0000834 ,
L0000835 , L0000836 , L0000837 ,

L0000838 , L0000839 , L0000840 , L0000841 , L0000842 ,
L0000843 , L0000844 , L0000845 ,

L0000846 , L0000847 , L0000848 , L0000849 , L0000850 ,
L0000851 , L0000852 , L0000853 ,

L0000854 , L0000855 , L0000856 , L0000857 , L0000858 ,
L0000859 , L0000860 , L0000861 ,

L0000862 , L0000863 , L0000864 , L0000865 , L0000866 ,
L0000867 , L0000868 , L0000869 ,

L0000870 , L0000871 , L0000872 , L0000873 , L0000874 ,
L0000875 , L0000876 , L0000877 ,

L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,
L0000883 , L0000884 , L0000885 ,

L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,
L0000891 , L0000892 , L0000893 ,

L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 ,

L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 ,

FIRE , L0000928 , L0000929 , L0000930 , L0000931 ,
L0000932 , L0000933 , L0000934 ,

L0000935 , L0000936 , L0000937 , L0000938 , L0000939 ,
L0000940 , L0000941 , L0000942 ,

L0000943 , L0000944 , L0000945 , L0000946 , L0000947 ,
L0000948 , L0000949 , L0000950 ,

L0000951 , L0000952 , L0000953 , L0000954 , L0000955 ,
L0000956 , L0000957 , L0000958 ,

L0000959 , L0000960 , L0000961 , L0000962 , L0000963 ,
L0000964 , L0000965 , L0000966 ,

L0000967 , L0000968 , L0000969 , L0000970 , L0000971 ,
L0000972 , L0000973 , L0000974 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|

L0000999 , L0001000 , L0001001 , L0001002 , L0001003 ,
L0001004 , L0001005 , L0001006 ,

L0001007 , L0001008 , L0001009 , L0001010 , L0001011 ,
L0001012 , L0001013 , L0001014 ,

L0001015 , L0001016 , L0001017 , L0001018 , L0001019 ,
L0001020 , L0001021 , L0001022 ,

L0001023 , L0001024 , L0001025 , L0001026 , L0001027 ,
L0001028 , L0001029 , L0001030 ,

L0001031 , L0001032 , L0001033 , L0001034 , L0001035 ,
L0001036 , L0001037 , L0001038 ,

L0001039 , L0001040 , L0001041 , L0001042 , L0001043 ,
L0001044 , L0001045 , L0001046 ,

L0001047 , L0001048 , L0001049 , L0001050 , L0001051 ,
L0001052 , L0001053 , L0001054 ,

L0001055 , L0001056 , L0001057 , L0001058 , L0001059 ,
L0001060 , L0001061 , L0001062 ,

L0001063 , L0001064 , L0001065 , L0001066 , L0001067 ,
L0001068 , L0001069 , L0001070 ,

L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 ,

L0001079 , L0001080 , L0001081 , L0001082 , L0001083 ,
L0001084 , L0001085 , L0001086 ,

L0001087 , L0001088 , L0001089 , L0001090 , L0001091 ,
L0001092 , L0001093 , L0001094 ,

L0001095 , L0001096 , L0001097 , L0001098 , L0001099 ,
L0001100 , L0001101 , L0001102 ,

L0001103 , L0001104 , L0001105 , L0001106 , L0001107 ,
L0001108 , L0001109 , L0001110 ,

L0001111 , L0001112 , L0001113 , L0001114 , L0001115 ,
L0001116 , L0001117 , L0001118 ,

L0001119 , L0001120 , L0001121 , L0001122 , L0001123 ,
L0001124 , L0001125 , L0001126 ,

L0001127 , L0001128 , L0001129 , L0001130 , L0001131 ,
L0001132 , L0001133 , L0001134 ,

L0001135 , L0001136 , L0001137 , L0001138 , L0001139 ,
L0001140 , L0001141 , L0001142 ,

L0001143 , L0001144 , L0001145 , L0001146 , L0001147 ,
L0001148 , L0001149 , L0001150 ,

L0001151 , L0001152 , L0001153 , L0001154 , L0001155 ,
L0001156 , L0001157 , L0001158 ,



*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| L0001159 , L0001160 , L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , | |

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------

             3276208.   L0000001    , L0000002    , L0000003    , L0000004    ,
L0000005    , L0000006    , L0000007    ,
 L0000008    ,

             L0000009    , L0000010    , L0000310    , L0000311    , L0000312    ,
L0000313    , L0000314    , L0000315    ,

             L0000316    , L0000317    , L0000318    , L0000319    , L0000910    ,
L0000911    , L0000912    , L0000913    ,

             L0000914    , L0000915    , L0000916    , L0000917    , L0000918    ,
L0000919    , L0000920    , L0000921    ,

             L0000922    , L0000923    , L0000924    , L0000925    , L0000926    ,
L0000927    , L0000595    , L0000596    ,

             L0000597    , L0000598    , L0000599    , L0000600    , L0000601    ,
L0000602    , L0000603    , L0000604    ,

             L0000605    , L0000606    , L0000607    , L0000608    , L0000609    ,
L0000610    , L0000611    , L0000612    ,

             L0000613    , L0000614    , L0000615    , L0000616    , L0000617    ,
L0000618    , L0000619    , L0000620    ,

             L0000621    , L0000622    , L0000623    , L0000624    , L0000625    ,
L0000626    , L0000627    , L0000628    ,

             L0000629    , L0000630    , L0000631    , L0000632    , L0000633    ,
L0000634    , L0000635    , L0000636    ,

             L0000637    , L0000638    , L0000639    , L0000640    , L0000641    ,
L0000642    , L0000643    , L0000644    ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

| URBAN ID | URBAN POP | SOURCE IDs |
|---|---|---|

L0000774 , L0000775 , L0000776 , L0000777 , L0000778 ,
L0000779 , L0000780 , L0000781 ,

L0000782 , L0000783 , L0000784 , L0000785 , L0000786 ,
L0000787 , L0000788 , L0000789 ,

L0000790 , L0000791 , L0000792 , L0000793 , L0000794 ,

L0000795 , L0000796 , L0000797 ,

L0000798 , L0000799 , L0000800 , L0000801 , L0000802 ,
L0000803 , L0000804 , L0000805 ,

L0000806 , L0000807 , L0000808 , L0000809 , L0000810 ,
L0000811 , L0000812 , L0000813 ,

L0000814 , L0000815 , L0000816 , L0000817 , L0000818 ,
L0000819 , L0000820 , L0000821 ,

L0000822 , L0000823 , L0000824 , L0000825 , L0000826 ,
L0000827 , L0000828 , L0000829 ,

L0000830 , L0000831 , L0000832 , L0000833 , L0000834 ,
L0000835 , L0000836 , L0000837 ,

L0000838 , L0000839 , L0000840 , L0000841 , L0000842 ,
L0000843 , L0000844 , L0000845 ,

L0000846 , L0000847 , L0000848 , L0000849 , L0000850 ,
L0000851 , L0000852 , L0000853 ,

L0000854 , L0000855 , L0000856 , L0000857 , L0000858 ,
L0000859 , L0000860 , L0000861 ,

L0000862 , L0000863 , L0000864 , L0000865 , L0000866 ,
L0000867 , L0000868 , L0000869 ,

L0000870 , L0000871 , L0000872 , L0000873 , L0000874 ,
L0000875 , L0000876 , L0000877 ,

L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,
L0000883 , L0000884 , L0000885 ,

L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,
L0000891 , L0000892 , L0000893 ,

L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 ,

L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 ,

FIRE , L0000928 , L0000929 , L0000930 , L0000931 ,
L0000932 , L0000933 , L0000934 ,

L0000935 , L0000936 , L0000937 , L0000938 , L0000939 ,
L0000940 , L0000941 , L0000942 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

| URBAN ID | URBAN POP | SOURCE IDs |
|---|---|---|

L0000951 , L0000952 , L0000953 , L0000954 , L0000955 ,
L0000956 , L0000957 , L0000958 ,

L0000959 , L0000960 , L0000961 , L0000962 , L0000963 ,
L0000964 , L0000965 , L0000966 ,

L0000967 , L0000968 , L0000969 , L0000970 , L0000971 ,
L0000972 , L0000973 , L0000974 ,

L0000975 , L0000976 , L0000977 , L0000978 , L0000979 ,
L0000980 , L0000981 , L0000982 ,

L0000983 , L0000984 , L0000985 , L0000986 , L0000987 ,
L0000988 , L0000989 , L0000990 ,

L0000991 , L0000992 , L0000993 , L0000994 , L0000995 ,
L0000996 , L0000997 , L0000998 ,

L0000999 , L0001000 , L0001001 , L0001002 , L0001003 ,
L0001004 , L0001005 , L0001006 ,

L0001007 , L0001008 , L0001009 , L0001010 , L0001011 ,
L0001012 , L0001013 , L0001014 ,

L0001015 , L0001016 , L0001017 , L0001018 , L0001019 ,
L0001020 , L0001021 , L0001022 ,

L0001023 , L0001024 , L0001025 , L0001026 , L0001027 ,
L0001028 , L0001029 , L0001030 ,

L0001031 , L0001032 , L0001033 , L0001034 , L0001035 ,
L0001036 , L0001037 , L0001038 ,

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             L0001039    , L0001040    , L0001041    , L0001042    , L0001043    ,
L0001044    , L0001045    , L0001046    ,

             L0001047    , L0001048    , L0001049    , L0001050    , L0001051    ,
L0001052    , L0001053    , L0001054    ,

             L0001055    , L0001056    , L0001057    , L0001058    , L0001059    ,
L0001060    , L0001061    , L0001062    ,

             L0001063    , L0001064    , L0001065    , L0001066    , L0001067    ,
L0001068    , L0001069    , L0001070    ,

             L0001071    , L0001072    , L0001073    , L0001074    , L0001075    ,
L0001076    , L0001077    , L0001078    ,

             L0001079    , L0001080    , L0001081    , L0001082    , L0001083    ,
L0001084    , L0001085    , L0001086    ,

             L0001087    , L0001088    , L0001089    , L0001090    , L0001091    ,
L0001092    , L0001093    , L0001094    ,

             L0001095    , L0001096    , L0001097    , L0001098    , L0001099    ,
L0001100    , L0001101    , L0001102    ,

             L0001103    , L0001104    , L0001105    , L0001106    , L0001107    ,
L0001108    , L0001109    , L0001110    ,
```

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                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------


             L0001111    , L0001112    , L0001113    , L0001114    , L0001115    ,
L0001116    , L0001117    , L0001118    ,

             L0001119    , L0001120    , L0001121    , L0001122    , L0001123    ,
L0001124    , L0001125    , L0001126    ,

             L0001127    , L0001128    , L0001129    , L0001130    , L0001131    ,
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L0001132    , L0001133    , L0001134    ,

             L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    , L0001141    , L0001142    ,

             L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    , L0001149    , L0001150    ,

             L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
L0001156    , L0001157    , L0001158    ,

             L0001159    , L0001160    , L0001161    , L0001162    , L0001163    ,
L0001164    , L0001165    , L0001166    ,

             L0001167    , L0001168    , L0001169    , L0001170    ,

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                          *** DIRECTION SPECIFIC BUILDING DIMENSIONS
***


 SOURCE ID: FIRE
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
  YADJ
    1   15.2,  224.6,  187.8,  -34.1,   70.9,      2   15.2,  240.0,  214.6,  -61.0,
  80.0,
    3   15.2,  248.1,  234.8,  -86.2,   86.7,      4   15.2,  248.6,  247.9, -108.6,
  90.7,
    5   15.2,  241.6,  253.5, -127.8,   92.0,      6   15.2,  227.2,  251.4, -143.1,
  90.5,
    7   15.2,  205.9,  241.6, -154.1,   86.3,      8   15.2,  178.4,  224.5, -160.4,
  79.4,
    9   15.2,  156.7,  203.4, -161.8,   71.9,     10   15.2,  187.8,  224.6, -183.2,
  59.8,
   11   15.2,  214.6,  240.0, -200.0,   46.2,     12   15.2,  234.8,  248.1, -210.7,
  31.2,
   13   15.2,  247.9,  248.6, -215.0,   15.3,     14   15.2,  253.5,  241.6, -212.8,
  -1.1,
   15   15.2,  251.4,  227.2, -204.1,  -17.5,     16   15.2,  241.6,  205.9, -189.2,
 -33.3,
   17   15.2,  224.5,  178.4, -168.6,  -48.1,     18   15.2,  203.4,  156.7, -150.2,
 -60.1,
   19   15.2,  224.6,  187.8, -153.7,  -70.9,     20   15.2,  240.0,  214.6, -153.5,
 -80.0,

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     ( 502722.0, 3633475.9,     108.6,     318.9,       0.0);         ( 502772.0,
3633475.9,     109.0,     329.3,       0.0);
     ( 502822.0, 3633475.9,     109.1,     329.9,       0.0);         ( 502872.0,
3633475.9,     109.6,     335.8,       0.0);
     ( 502922.0, 3633475.9,     111.1,     336.9,       0.0);         ( 502972.0,
3633475.9,     111.1,     337.5,       0.0);
     ( 503022.0, 3633475.9,     110.8,     338.6,       0.0);         ( 503072.0,
3633475.9,     111.3,     338.6,       0.0);
     ( 503122.0, 3633475.9,     110.6,     338.7,       0.0);         ( 503172.0,
3633475.9,     109.5,     363.3,       0.0);
     ( 503222.0, 3633475.9,     112.2,     363.3,       0.0);         ( 503272.0,
3633475.9,     113.0,     363.3,       0.0);
     ( 503322.0, 3633475.9,     117.1,     363.3,       0.0);         ( 503372.0,
3633475.9,     132.0,     360.8,       0.0);
     ( 503422.0, 3633475.9,     132.9,     362.2,       0.0);         ( 503472.0,
3633475.9,     133.1,     363.3,       0.0);
     ( 503522.0, 3633475.9,     131.9,     363.3,       0.0);         ( 503622.0,
3633475.9,     134.8,     363.3,       0.0);
     ( 503672.0, 3633475.9,     144.7,     363.3,       0.0);         ( 503722.0,
3633475.9,     154.1,     363.3,       0.0);
     ( 503772.0, 3633475.9,     155.0,     363.3,       0.0);         ( 503822.0,

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3633475.9,     162.1,     363.3,       0.0);
     ( 503872.0, 3633475.9,     164.0,     363.3,       0.0);         ( 503922.0,
3633475.9,     157.3,     363.3,       0.0);
     ( 503972.0, 3633475.9,     157.9,     363.3,       0.0);         ( 504022.0,
3633475.9,     164.6,     363.3,       0.0);
     ( 504072.0, 3633475.9,     163.7,     363.3,       0.0);         ( 504122.0,
3633475.9,     159.1,     363.3,       0.0);
     ( 504172.0, 3633475.9,     164.3,     363.3,       0.0);         ( 504222.0,
3633475.9,     161.3,     363.3,       0.0);
     ( 504272.0, 3633475.9,     156.8,     363.3,       0.0);         ( 504322.0,
3633475.9,     156.6,     363.3,       0.0);
     ( 504372.0, 3633475.9,     169.9,     363.3,       0.0);         ( 504422.0,
3633475.9,     184.6,     363.3,       0.0);
     ( 504472.0, 3633475.9,     198.5,     363.3,       0.0);         ( 504522.0,
3633475.9,     206.1,     363.3,       0.0);
     ( 504572.0, 3633475.9,     198.9,     363.3,       0.0);         ( 504622.0,
3633475.9,     189.2,     363.3,       0.0);
     ( 504672.0, 3633475.9,     185.1,     363.3,       0.0);         ( 504722.0,
3633475.9,     177.9,     363.3,       0.0);
     ( 502722.0, 3633525.9,     107.7,     318.9,       0.0);         ( 502772.0,
3633525.9,     107.8,     329.3,       0.0);
     ( 502822.0, 3633525.9,     108.1,     329.9,       0.0);         ( 502872.0,
3633525.9,     109.0,     335.8,       0.0);
     ( 502922.0, 3633525.9,     109.8,     336.5,       0.0);         ( 502972.0,
3633525.9,     109.8,     337.5,       0.0);
     ( 503022.0, 3633525.9,     109.9,     338.6,       0.0);         ( 503072.0,
3633525.9,     109.8,     338.6,       0.0);
     ( 503122.0, 3633525.9,     108.8,     338.7,       0.0);         ( 503172.0,
3633525.9,     109.0,     362.2,       0.0);
     ( 503222.0, 3633525.9,     109.8,     363.3,       0.0);         ( 503272.0,
3633525.9,     112.9,     363.3,       0.0);
     ( 503322.0, 3633525.9,     113.5,     363.3,       0.0);         ( 503372.0,
3633525.9,     120.7,     363.3,       0.0);
     ( 503422.0, 3633525.9,     123.4,     363.3,       0.0);         ( 503472.0,
3633525.9,     124.7,     363.3,       0.0);
     ( 503522.0, 3633525.9,     127.5,     363.3,       0.0);         ( 503622.0,
3633525.9,     126.8,     363.3,       0.0);
     ( 503672.0, 3633525.9,     132.2,     363.3,       0.0);         ( 503722.0,
3633525.9,     134.0,     363.3,       0.0);
     ( 503772.0, 3633525.9,     142.6,     363.3,       0.0);         ( 503822.0,
3633525.9,     152.7,     363.3,       0.0);
     ( 503872.0, 3633525.9,     151.0,     363.3,       0.0);         ( 503922.0,
3633525.9,     145.9,     363.3,       0.0);
     ( 503972.0, 3633525.9,     149.8,     363.3,       0.0);         ( 504022.0,
3633525.9,     156.8,     363.3,       0.0);
     ( 504072.0, 3633525.9,     155.3,     363.3,       0.0);         ( 504122.0,
3633525.9,     150.5,     363.3,       0.0);
     ( 504172.0, 3633525.9,     150.2,     363.3,       0.0);         ( 504222.0,
3633525.9,     149.0,     363.3,       0.0);
     ( 504272.0, 3633525.9,     151.6,     363.3,       0.0);         ( 504322.0,
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3633525.9,     168.8,     363.3,       0.0);
     ( 504372.0, 3633525.9,     179.5,     363.3,       0.0);         ( 504422.0,
3633525.9,     191.9,     363.3,       0.0);
     ( 504472.0, 3633525.9,     201.4,     363.3,       0.0);         ( 504522.0,
3633525.9,     194.5,     363.3,       0.0);
     ( 504572.0, 3633525.9,     183.6,     363.3,       0.0);         ( 504622.0,
3633525.9,     176.7,     363.3,       0.0);
     ( 504672.0, 3633525.9,     175.9,     363.3,       0.0);         ( 504722.0,
3633525.9,     176.7,     363.3,       0.0);
     ( 502722.0, 3633575.9,     106.8,     318.9,       0.0);         ( 502772.0,
3633575.9,     106.9,     328.1,       0.0);
     ( 502822.0, 3633575.9,     107.5,     329.9,       0.0);         ( 502872.0,
3633575.9,     108.4,     335.8,       0.0);
     ( 502922.0, 3633575.9,     108.5,     336.5,       0.0);         ( 502972.0,
3633575.9,     108.8,     337.5,       0.0);
     ( 503022.0, 3633575.9,     109.7,     338.4,       0.0);         ( 503072.0,
3633575.9,     109.5,     338.6,       0.0);
     ( 503122.0, 3633575.9,     108.6,     338.7,       0.0);         ( 503172.0,
3633575.9,     108.7,     360.8,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 503222.0, 3633575.9,     109.6,     362.2,       0.0);         ( 503272.0,
3633575.9,     110.7,     363.3,       0.0);
     ( 503322.0, 3633575.9,     113.1,     363.3,       0.0);         ( 503372.0,
3633575.9,     115.7,     363.3,       0.0);
     ( 503422.0, 3633575.9,     117.1,     363.3,       0.0);         ( 503472.0,
3633575.9,     119.0,     363.3,       0.0);
     ( 503522.0, 3633575.9,     118.4,     363.3,       0.0);         ( 503622.0,
3633575.9,     126.3,     363.3,       0.0);
     ( 503672.0, 3633575.9,     127.0,     363.3,       0.0);         ( 503722.0,
3633575.9,     127.3,     363.3,       0.0);
     ( 503772.0, 3633575.9,     133.9,     363.3,       0.0);         ( 503822.0,
3633575.9,     139.7,     363.3,       0.0);
     ( 503872.0, 3633575.9,     137.1,     363.3,       0.0);         ( 503922.0,
3633575.9,     137.6,     363.3,       0.0);
     ( 503972.0, 3633575.9,     142.4,     363.3,       0.0);         ( 504022.0,
3633575.9,     144.0,     363.3,       0.0);
     ( 504072.0, 3633575.9,     146.5,     363.3,       0.0);         ( 504122.0,
3633575.9,     143.9,     363.3,       0.0);
     ( 504172.0, 3633575.9,     143.1,     363.3,       0.0);         ( 504222.0,

3633575.9,     141.5,     363.3,       0.0);
     ( 504272.0, 3633575.9,     152.8,     363.3,       0.0);         ( 504322.0,
3633575.9,     170.7,     363.3,       0.0);
     ( 504372.0, 3633575.9,     181.0,     363.3,       0.0);         ( 504422.0,
3633575.9,     195.9,     363.3,       0.0);
     ( 504472.0, 3633575.9,     197.0,     363.3,       0.0);         ( 504522.0,
3633575.9,     182.5,     363.3,       0.0);
     ( 504572.0, 3633575.9,     171.1,     363.3,       0.0);         ( 504622.0,
3633575.9,     173.3,     363.3,       0.0);
     ( 504672.0, 3633575.9,     175.4,     363.3,       0.0);         ( 504722.0,
3633575.9,     176.5,     363.3,       0.0);
     ( 502722.0, 3633625.9,     106.7,     318.9,       0.0);         ( 502772.0,
3633625.9,     106.8,     318.9,       0.0);
     ( 502822.0, 3633625.9,     106.8,     329.9,       0.0);         ( 502872.0,
3633625.9,     107.1,     335.8,       0.0);
     ( 502922.0, 3633625.9,     107.4,     336.5,       0.0);         ( 502972.0,
3633625.9,     108.2,     337.2,       0.0);
     ( 503022.0, 3633625.9,     109.0,     337.8,       0.0);         ( 503072.0,
3633625.9,     108.6,     338.6,       0.0);
     ( 503122.0, 3633625.9,     108.2,     338.7,       0.0);         ( 503172.0,
3633625.9,     108.6,     338.7,       0.0);
     ( 503222.0, 3633625.9,     109.0,     362.2,       0.0);         ( 503272.0,
3633625.9,     110.5,     363.3,       0.0);
     ( 503322.0, 3633625.9,     112.3,     363.3,       0.0);         ( 503372.0,
3633625.9,     113.7,     363.3,       0.0);
     ( 503422.0, 3633625.9,     115.6,     363.3,       0.0);         ( 503472.0,
3633625.9,     117.1,     363.3,       0.0);
     ( 503522.0, 3633625.9,     117.5,     363.3,       0.0);         ( 503622.0,
3633625.9,     123.0,     363.3,       0.0);
     ( 503672.0, 3633625.9,     126.5,     363.3,       0.0);         ( 503722.0,
3633625.9,     125.5,     363.3,       0.0);
     ( 503772.0, 3633625.9,     132.4,     363.3,       0.0);         ( 503822.0,
3633625.9,     134.3,     363.3,       0.0);
     ( 503872.0, 3633625.9,     133.4,     363.3,       0.0);         ( 503922.0,
3633625.9,     135.7,     363.3,       0.0);
     ( 503972.0, 3633625.9,     136.9,     363.3,       0.0);         ( 504022.0,
3633625.9,     139.9,     363.3,       0.0);
     ( 504072.0, 3633625.9,     142.2,     363.3,       0.0);         ( 504122.0,
3633625.9,     138.8,     363.3,       0.0);
     ( 504172.0, 3633625.9,     138.0,     363.3,       0.0);         ( 504222.0,
3633625.9,     139.4,     363.3,       0.0);
     ( 504272.0, 3633625.9,     147.8,     363.3,       0.0);         ( 504322.0,
3633625.9,     158.6,     363.3,       0.0);
     ( 504372.0, 3633625.9,     173.5,     363.3,       0.0);         ( 504422.0,
3633625.9,     185.2,     363.3,       0.0);
     ( 504472.0, 3633625.9,     187.2,     363.3,       0.0);         ( 504522.0,
3633625.9,     169.9,     363.3,       0.0);
     ( 504572.0, 3633625.9,     167.1,     363.3,       0.0);         ( 504622.0,
3633625.9,     169.8,     363.3,       0.0);
     ( 504672.0, 3633625.9,     167.4,     363.3,       0.0);         ( 504722.0,

3633625.9,     171.9,     363.3,       0.0);
     ( 502722.0, 3633675.9,     106.6,     318.9,       0.0);         ( 502772.0,
3633675.9,     106.5,     318.9,       0.0);
     ( 502822.0, 3633675.9,     106.5,     329.3,       0.0);         ( 502872.0,
3633675.9,     106.6,     333.6,       0.0);
     ( 502922.0, 3633675.9,     107.4,     336.5,       0.0);         ( 502972.0,
3633675.9,     107.9,     337.2,       0.0);
     ( 503022.0, 3633675.9,     108.4,     337.5,       0.0);         ( 503072.0,
3633675.9,     108.1,     338.6,       0.0);
     ( 503122.0, 3633675.9,     108.1,     338.7,       0.0);         ( 503172.0,
3633675.9,     108.3,     338.7,       0.0);
     ( 503222.0, 3633675.9,     108.8,     360.8,       0.0);         ( 503272.0,
3633675.9,     109.7,     362.2,       0.0);
     ( 503322.0, 3633675.9,     111.0,     363.3,       0.0);         ( 503372.0,
3633675.9,     111.3,     363.3,       0.0);
     ( 503422.0, 3633675.9,     112.1,     363.3,       0.0);         ( 503472.0,
3633675.9,     113.8,     363.3,       0.0);
     ( 503522.0, 3633675.9,     114.4,     363.3,       0.0);         ( 503572.0,
3633675.9,     121.2,     363.3,       0.0);
     ( 503672.0, 3633675.9,     125.0,     363.3,       0.0);         ( 503722.0,
3633675.9,     125.2,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 503772.0, 3633675.9,     126.7,     363.3,       0.0);         ( 503822.0,
3633675.9,     129.2,     363.3,       0.0);
     ( 503872.0, 3633675.9,     131.5,     363.3,       0.0);         ( 503922.0,
3633675.9,     132.4,     363.3,       0.0);
     ( 503972.0, 3633675.9,     134.4,     363.3,       0.0);         ( 504022.0,
3633675.9,     136.5,     363.3,       0.0);
     ( 504072.0, 3633675.9,     136.7,     363.3,       0.0);         ( 504122.0,
3633675.9,     135.2,     363.3,       0.0);
     ( 504172.0, 3633675.9,     134.2,     363.3,       0.0);         ( 504222.0,
3633675.9,     135.2,     363.3,       0.0);
     ( 504272.0, 3633675.9,     141.0,     363.3,       0.0);         ( 504322.0,
3633675.9,     151.9,     363.3,       0.0);
     ( 504372.0, 3633675.9,     165.9,     363.3,       0.0);         ( 504422.0,
3633675.9,     173.8,     363.3,       0.0);
     ( 504472.0, 3633675.9,     167.4,     363.3,       0.0);         ( 504522.0,
3633675.9,     161.5,     363.3,       0.0);
     ( 504572.0, 3633675.9,     163.4,     363.3,       0.0);         ( 504622.0,

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3633675.9,     164.4,     363.3,       0.0);
     ( 504672.0, 3633675.9,     165.5,     363.3,       0.0);         ( 504722.0,
3633675.9,     166.1,     363.3,       0.0);
     ( 502722.0, 3633725.9,     106.6,     318.9,       0.0);         ( 502772.0,
3633725.9,     106.7,     318.9,       0.0);
     ( 502822.0, 3633725.9,     106.4,     328.1,       0.0);         ( 502872.0,
3633725.9,     106.8,     329.9,       0.0);
     ( 502922.0, 3633725.9,     108.0,     335.8,       0.0);         ( 502972.0,
3633725.9,     108.1,     336.5,       0.0);
     ( 503022.0, 3633725.9,     107.3,     337.5,       0.0);         ( 503072.0,
3633725.9,     107.9,     338.4,       0.0);
     ( 503122.0, 3633725.9,     108.0,     338.6,       0.0);         ( 503172.0,
3633725.9,     108.1,     338.7,       0.0);
     ( 503222.0, 3633725.9,     108.6,     338.7,       0.0);         ( 503272.0,
3633725.9,     108.8,     360.8,       0.0);
     ( 503322.0, 3633725.9,     109.2,     363.3,       0.0);         ( 503372.0,
3633725.9,     109.3,     363.3,       0.0);
     ( 503422.0, 3633725.9,     109.5,     363.3,       0.0);         ( 503472.0,
3633725.9,     112.5,     363.3,       0.0);
     ( 503522.0, 3633725.9,     113.3,     363.3,       0.0);         ( 503572.0,
3633725.9,     114.8,     363.3,       0.0);
     ( 503722.0, 3633725.9,     121.3,     363.3,       0.0);         ( 503772.0,
3633725.9,     124.6,     363.3,       0.0);
     ( 503822.0, 3633725.9,     126.0,     363.3,       0.0);         ( 503872.0,
3633725.9,     128.6,     363.3,       0.0);
     ( 503922.0, 3633725.9,     130.0,     363.3,       0.0);         ( 503972.0,
3633725.9,     132.9,     363.3,       0.0);
     ( 504022.0, 3633725.9,     134.2,     363.3,       0.0);         ( 504072.0,
3633725.9,     134.0,     363.3,       0.0);
     ( 504122.0, 3633725.9,     131.2,     363.3,       0.0);         ( 504172.0,
3633725.9,     131.7,     363.3,       0.0);
     ( 504222.0, 3633725.9,     133.4,     363.3,       0.0);         ( 504272.0,
3633725.9,     134.1,     363.3,       0.0);
     ( 504322.0, 3633725.9,     144.8,     363.3,       0.0);         ( 504372.0,
3633725.9,     155.4,     363.3,       0.0);
     ( 504422.0, 3633725.9,     159.7,     363.3,       0.0);         ( 504472.0,
3633725.9,     156.9,     363.3,       0.0);
     ( 504522.0, 3633725.9,     157.0,     363.3,       0.0);         ( 504572.0,
3633725.9,     159.3,     363.3,       0.0);
     ( 504622.0, 3633725.9,     155.1,     363.3,       0.0);         ( 504672.0,
3633725.9,     157.2,     363.3,       0.0);
     ( 504722.0, 3633725.9,     161.0,     363.3,       0.0);         ( 502722.0,
3633775.9,     106.4,     318.9,       0.0);
     ( 502772.0, 3633775.9,     106.6,     318.9,       0.0);         ( 502822.0,
3633775.9,     106.6,     318.9,       0.0);
     ( 502872.0, 3633775.9,     106.7,     329.3,       0.0);         ( 502922.0,
3633775.9,     107.6,     333.6,       0.0);
     ( 502972.0, 3633775.9,     108.3,     336.5,       0.0);         ( 503022.0,
3633775.9,     108.1,     337.2,       0.0);
     ( 503072.0, 3633775.9,     107.9,     337.8,       0.0);         ( 503122.0,
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3633775.9,  107.9,  338.6,  0.0);
( 503172.0, 3633775.9,  108.0,  338.7,  0.0);  ( 503222.0, 3633775.9,  108.2,  338.7,  0.0);
( 503272.0, 3633775.9,  108.6,  338.7,  0.0);  ( 503322.0, 3633775.9,  108.7,  362.2,  0.0);
( 503372.0, 3633775.9,  108.8,  363.3,  0.0);  ( 503422.0, 3633775.9,  109.0,  363.3,  0.0);
( 503472.0, 3633775.9,  109.7,  363.3,  0.0);  ( 503772.0, 3633775.9,  122.7,  363.3,  0.0);
( 503822.0, 3633775.9,  124.2,  363.3,  0.0);  ( 503872.0, 3633775.9,  125.5,  363.3,  0.0);
( 503922.0, 3633775.9,  128.8,  363.3,  0.0);  ( 503972.0, 3633775.9,  131.5,  363.3,  0.0);
( 504022.0, 3633775.9,  132.0,  363.3,  0.0);  ( 504072.0, 3633775.9,  127.2,  363.3,  0.0);
( 504122.0, 3633775.9,  127.6,  363.3,  0.0);  ( 504172.0, 3633775.9,  127.9,  363.3,  0.0);
( 504222.0, 3633775.9,  129.8,  363.3,  0.0);  ( 504272.0, 3633775.9,  132.6,  363.3,  0.0);
( 504322.0, 3633775.9,  140.1,  363.3,  0.0);  ( 504372.0, 3633775.9,  145.6,  363.3,  0.0);
( 504422.0, 3633775.9,  148.0,  363.3,  0.0);  ( 504472.0, 3633775.9,  152.4,  363.3,  0.0);



*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 504522.0, 3633775.9,  148.2,  363.3,  0.0);  ( 504572.0, 3633775.9,  144.3,  363.3,  0.0);
( 504622.0, 3633775.9,  146.5,  363.3,  0.0);  ( 504672.0, 3633775.9,  149.9,  363.3,  0.0);
( 504722.0, 3633775.9,  153.2,  363.3,  0.0);  ( 502722.0, 3633825.9,  106.6,  318.9,  0.0);
( 502772.0, 3633825.9,  106.6,  318.9,  0.0);  ( 502822.0, 3633825.9,  106.9,  318.9,  0.0);
( 502872.0, 3633825.9,  107.0,  329.3,  0.0);  ( 502922.0, 3633825.9,  108.0,  329.9,  0.0);
( 502972.0, 3633825.9,  108.3,  335.8,  0.0);  ( 503022.0, 3633825.9,  108.2,  336.5,  0.0);
( 503072.0, 3633825.9,  108.1,  337.2,  0.0);  ( 503122.0, 3633825.9,  108.1,  338.4,  0.0);
( 503172.0, 3633825.9,  108.4,  338.6,  0.0);  ( 503222.0,

3633825.9,     108.6,     338.7,       0.0);
     ( 503272.0, 3633825.9,     108.9,     338.7,       0.0);         ( 503772.0,
3633825.9,     119.1,     363.3,       0.0);
     ( 503822.0, 3633825.9,     120.0,     363.3,       0.0);         ( 503872.0,
3633825.9,     123.3,     363.3,       0.0);
     ( 503922.0, 3633825.9,     127.5,     363.3,       0.0);         ( 503972.0,
3633825.9,     129.0,     363.3,       0.0);
     ( 504022.0, 3633825.9,     124.5,     363.3,       0.0);         ( 504072.0,
3633825.9,     125.2,     363.3,       0.0);
     ( 504122.0, 3633825.9,     125.1,     363.3,       0.0);         ( 504172.0,
3633825.9,     124.4,     363.3,       0.0);
     ( 504222.0, 3633825.9,     126.5,     363.3,       0.0);         ( 504272.0,
3633825.9,     128.4,     363.3,       0.0);
     ( 504322.0, 3633825.9,     130.9,     363.3,       0.0);         ( 504372.0,
3633825.9,     134.4,     363.3,       0.0);
     ( 504422.0, 3633825.9,     138.7,     363.3,       0.0);         ( 504472.0,
3633825.9,     140.9,     363.3,       0.0);
     ( 504522.0, 3633825.9,     140.7,     363.3,       0.0);         ( 504572.0,
3633825.9,     139.1,     363.3,       0.0);
     ( 504622.0, 3633825.9,     142.3,     363.3,       0.0);         ( 504672.0,
3633825.9,     145.4,     363.3,       0.0);
     ( 504722.0, 3633825.9,     146.2,     363.3,       0.0);         ( 502722.0,
3633875.9,     106.4,     318.9,       0.0);
     ( 502772.0, 3633875.9,     106.7,     318.9,       0.0);         ( 502822.0,
3633875.9,     106.8,     318.9,       0.0);
     ( 502872.0, 3633875.9,     106.9,     318.9,       0.0);         ( 502922.0,
3633875.9,     108.5,     329.3,       0.0);
     ( 502972.0, 3633875.9,     108.5,     333.6,       0.0);         ( 503022.0,
3633875.9,     108.6,     336.5,       0.0);
     ( 503072.0, 3633875.9,     108.9,     336.9,       0.0);         ( 503122.0,
3633875.9,     108.5,     337.8,       0.0);
     ( 503172.0, 3633875.9,     108.6,     338.6,       0.0);         ( 503222.0,
3633875.9,     108.8,     338.6,       0.0);
     ( 503272.0, 3633875.9,     109.0,     338.7,       0.0);         ( 503822.0,
3633875.9,     118.9,     363.3,       0.0);
     ( 503872.0, 3633875.9,     122.6,     363.3,       0.0);         ( 503922.0,
3633875.9,     124.5,     363.3,       0.0);
     ( 503972.0, 3633875.9,     120.8,     363.3,       0.0);         ( 504022.0,
3633875.9,     121.3,     363.3,       0.0);
     ( 504072.0, 3633875.9,     123.4,     363.3,       0.0);         ( 504122.0,
3633875.9,     122.0,     363.3,       0.0);
     ( 504172.0, 3633875.9,     123.4,     363.3,       0.0);         ( 504222.0,
3633875.9,     124.8,     363.3,       0.0);
     ( 504272.0, 3633875.9,     126.8,     363.3,       0.0);         ( 504322.0,
3633875.9,     130.2,     363.3,       0.0);
     ( 504372.0, 3633875.9,     132.4,     363.3,       0.0);         ( 504422.0,
3633875.9,     135.5,     363.3,       0.0);
     ( 504472.0, 3633875.9,     136.3,     363.3,       0.0);         ( 504522.0,
3633875.9,     134.8,     363.3,       0.0);
     ( 504572.0, 3633875.9,     135.3,     363.3,       0.0);         ( 504622.0,

3633875.9,     137.4,     363.3,       0.0);
     ( 504672.0, 3633875.9,     144.0,     363.3,       0.0);         ( 504722.0,
3633875.9,     143.7,     363.3,       0.0);
     ( 502722.0, 3633925.9,     106.2,     318.9,       0.0);         ( 502772.0,
3633925.9,     106.3,     318.9,       0.0);
     ( 502822.0, 3633925.9,     106.6,     318.9,       0.0);         ( 502872.0,
3633925.9,     107.2,     318.9,       0.0);
     ( 502922.0, 3633925.9,     108.4,     328.1,       0.0);         ( 502972.0,
3633925.9,     108.1,     329.9,       0.0);
     ( 503022.0, 3633925.9,     108.4,     335.8,       0.0);         ( 503072.0,
3633925.9,     109.0,     336.5,       0.0);
     ( 503122.0, 3633925.9,     109.0,     337.2,       0.0);         ( 503172.0,
3633925.9,     108.9,     337.8,       0.0);
     ( 503222.0, 3633925.9,     108.6,     338.6,       0.0);         ( 503272.0,
3633925.9,     108.8,     338.7,       0.0);
     ( 503822.0, 3633925.9,     117.2,     363.3,       0.0);         ( 503872.0,
3633925.9,     119.1,     363.3,       0.0);
     ( 503922.0, 3633925.9,     119.1,     363.3,       0.0);         ( 503972.0,
3633925.9,     116.7,     363.3,       0.0);
     ( 504022.0, 3633925.9,     118.9,     363.3,       0.0);         ( 504072.0,
3633925.9,     119.1,     363.3,       0.0);
     ( 504122.0, 3633925.9,     120.6,     363.3,       0.0);         ( 504172.0,
3633925.9,     120.9,     363.3,       0.0);
     ( 504222.0, 3633925.9,     121.8,     363.3,       0.0);         ( 504272.0,
3633925.9,     124.2,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504322.0, 3633925.9,     125.7,     363.3,       0.0);         ( 504372.0,
3633925.9,     128.6,     363.3,       0.0);
     ( 504422.0, 3633925.9,     129.5,     363.3,       0.0);         ( 504472.0,
3633925.9,     131.0,     363.3,       0.0);
     ( 504522.0, 3633925.9,     132.9,     363.3,       0.0);         ( 504572.0,
3633925.9,     136.6,     363.3,       0.0);
     ( 504622.0, 3633925.9,     139.4,     363.3,       0.0);         ( 504672.0,
3633925.9,     141.3,     363.3,       0.0);
     ( 504722.0, 3633925.9,     143.0,     363.3,       0.0);         ( 502722.0,
3633975.9,     106.2,     318.9,       0.0);
     ( 502772.0, 3633975.9,     106.0,     318.9,       0.0);         ( 502822.0,
3633975.9,     106.0,     318.9,       0.0);
     ( 502872.0, 3633975.9,     107.1,     318.9,       0.0);         ( 502922.0,

3633975.9,     108.0,     318.9,       0.0);
     ( 502972.0, 3633975.9,     107.8,     329.3,       0.0);         ( 503022.0,
3633975.9,     108.2,     333.6,       0.0);
     ( 503072.0, 3633975.9,     108.5,     336.5,       0.0);         ( 503122.0,
3633975.9,     108.8,     336.9,       0.0);
     ( 503172.0, 3633975.9,     108.9,     337.5,       0.0);         ( 503222.0,
3633975.9,     108.9,     338.4,       0.0);
     ( 503272.0, 3633975.9,     108.9,     338.6,       0.0);         ( 503822.0,
3633975.9,     115.7,     363.3,       0.0);
     ( 503872.0, 3633975.9,     116.4,     363.3,       0.0);         ( 503922.0,
3633975.9,     113.6,     363.3,       0.0);
     ( 503972.0, 3633975.9,     114.7,     363.3,       0.0);         ( 504022.0,
3633975.9,     116.2,     363.3,       0.0);
     ( 504072.0, 3633975.9,     117.5,     363.3,       0.0);         ( 504122.0,
3633975.9,     117.5,     363.3,       0.0);
     ( 504172.0, 3633975.9,     118.6,     363.3,       0.0);         ( 504222.0,
3633975.9,     121.5,     363.3,       0.0);
     ( 504272.0, 3633975.9,     123.3,     363.3,       0.0);         ( 504322.0,
3633975.9,     124.1,     363.3,       0.0);
     ( 504372.0, 3633975.9,     127.0,     363.3,       0.0);         ( 504422.0,
3633975.9,     128.1,     363.3,       0.0);
     ( 504472.0, 3633975.9,     132.1,     363.3,       0.0);         ( 504522.0,
3633975.9,     136.8,     363.3,       0.0);
     ( 504572.0, 3633975.9,     138.7,     363.3,       0.0);         ( 504622.0,
3633975.9,     140.7,     363.3,       0.0);
     ( 504672.0, 3633975.9,     143.5,     363.3,       0.0);         ( 504722.0,
3633975.9,     148.0,     363.3,       0.0);
     ( 502722.0, 3634025.9,     107.1,     318.9,       0.0);         ( 502772.0,
3634025.9,     107.4,     318.9,       0.0);
     ( 502822.0, 3634025.9,     106.9,     318.9,       0.0);         ( 502872.0,
3634025.9,     107.0,     318.9,       0.0);
     ( 502922.0, 3634025.9,     107.0,     318.9,       0.0);         ( 502972.0,
3634025.9,     107.4,     328.1,       0.0);
     ( 503022.0, 3634025.9,     108.4,     329.3,       0.0);         ( 503072.0,
3634025.9,     108.2,     335.8,       0.0);
     ( 503122.0, 3634025.9,     108.4,     336.5,       0.0);         ( 503172.0,
3634025.9,     108.8,     337.2,       0.0);
     ( 503222.0, 3634025.9,     108.8,     337.8,       0.0);         ( 503272.0,
3634025.9,     108.7,     338.6,       0.0);
     ( 503872.0, 3634025.9,     113.5,     363.3,       0.0);         ( 503922.0,
3634025.9,     112.5,     363.3,       0.0);
     ( 503972.0, 3634025.9,     114.4,     363.3,       0.0);         ( 504022.0,
3634025.9,     114.5,     363.3,       0.0);
     ( 504072.0, 3634025.9,     115.4,     363.3,       0.0);         ( 504122.0,
3634025.9,     116.1,     363.3,       0.0);
     ( 504172.0, 3634025.9,     119.0,     363.3,       0.0);         ( 504222.0,
3634025.9,     120.6,     363.3,       0.0);
     ( 504272.0, 3634025.9,     122.6,     363.3,       0.0);         ( 504322.0,
3634025.9,     123.7,     363.3,       0.0);
     ( 504372.0, 3634025.9,     126.4,     363.3,       0.0);         ( 504422.0,

3634025.9,     131.9,     363.3,       0.0);
     ( 504472.0, 3634025.9,     135.2,     363.3,       0.0);         ( 504522.0,
3634025.9,     137.3,     363.3,       0.0);
     ( 504572.0, 3634025.9,     140.0,     363.3,       0.0);         ( 504622.0,
3634025.9,     145.0,     363.3,       0.0);
     ( 504672.0, 3634025.9,     149.2,     363.3,       0.0);         ( 504722.0,
3634025.9,     153.5,     363.3,       0.0);
     ( 502722.0, 3634075.9,     107.4,     317.2,       0.0);         ( 502772.0,
3634075.9,     106.3,     318.9,       0.0);
     ( 502822.0, 3634075.9,     106.2,     318.9,       0.0);         ( 502872.0,
3634075.9,     106.9,     318.9,       0.0);
     ( 502922.0, 3634075.9,     107.0,     318.9,       0.0);         ( 502972.0,
3634075.9,     107.1,     318.9,       0.0);
     ( 503022.0, 3634075.9,     107.8,     329.3,       0.0);         ( 503072.0,
3634075.9,     108.1,     333.6,       0.0);
     ( 503122.0, 3634075.9,     108.2,     336.0,       0.0);         ( 503172.0,
3634075.9,     108.5,     336.9,       0.0);
     ( 503222.0, 3634075.9,     108.5,     337.2,       0.0);         ( 503272.0,
3634075.9,     108.5,     338.4,       0.0);
     ( 503872.0, 3634075.9,     111.9,     363.3,       0.0);         ( 503922.0,
3634075.9,     111.7,     363.3,       0.0);
     ( 503972.0, 3634075.9,     112.2,     363.3,       0.0);         ( 504022.0,
3634075.9,     114.4,     363.3,       0.0);
     ( 504072.0, 3634075.9,     114.7,     363.3,       0.0);         ( 504122.0,
3634075.9,     115.9,     363.3,       0.0);
     ( 504172.0, 3634075.9,     117.8,     363.3,       0.0);         ( 504222.0,
3634075.9,     119.3,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504272.0, 3634075.9,     120.5,     363.3,       0.0);         ( 504322.0,
3634075.9,     123.5,     363.3,       0.0);
     ( 504372.0, 3634075.9,     128.5,     363.3,       0.0);         ( 504422.0,
3634075.9,     132.1,     363.3,       0.0);
     ( 504472.0, 3634075.9,     136.0,     363.3,       0.0);         ( 504522.0,
3634075.9,     141.0,     363.3,       0.0);
     ( 504572.0, 3634075.9,     146.4,     363.3,       0.0);         ( 504622.0,
3634075.9,     155.5,     363.3,       0.0);
     ( 504672.0, 3634075.9,     158.1,     363.3,       0.0);         ( 504722.0,
3634075.9,     157.7,     363.3,       0.0);
     ( 502722.0, 3634125.9,     107.5,     107.5,       0.0);         ( 502772.0,

3634125.9,     105.9,     318.9,       0.0);
     ( 502822.0, 3634125.9,     106.0,     318.9,       0.0);         ( 502872.0,
3634125.9,     106.7,     318.9,       0.0);
     ( 502922.0, 3634125.9,     106.6,     318.9,       0.0);         ( 502972.0,
3634125.9,     106.7,     318.9,       0.0);
     ( 503022.0, 3634125.9,     107.4,     318.9,       0.0);         ( 503072.0,
3634125.9,     107.6,     329.3,       0.0);
     ( 503122.0, 3634125.9,     107.9,     335.8,       0.0);         ( 503172.0,
3634125.9,     108.3,     336.5,       0.0);
     ( 503222.0, 3634125.9,     107.8,     337.2,       0.0);         ( 503272.0,
3634125.9,     108.2,     337.8,       0.0);
     ( 503922.0, 3634125.9,     110.9,     363.3,       0.0);         ( 503972.0,
3634125.9,     111.5,     363.3,       0.0);
     ( 504022.0, 3634125.9,     112.3,     363.3,       0.0);         ( 504072.0,
3634125.9,     114.3,     363.3,       0.0);
     ( 504122.0, 3634125.9,     114.3,     363.3,       0.0);         ( 504172.0,
3634125.9,     115.9,     363.3,       0.0);
     ( 504222.0, 3634125.9,     117.0,     363.3,       0.0);         ( 504272.0,
3634125.9,     119.2,     363.3,       0.0);
     ( 504322.0, 3634125.9,     122.8,     363.3,       0.0);         ( 504372.0,
3634125.9,     126.9,     363.3,       0.0);
     ( 504422.0, 3634125.9,     131.9,     363.3,       0.0);         ( 504472.0,
3634125.9,     140.2,     363.3,       0.0);
     ( 504522.0, 3634125.9,     145.2,     363.3,       0.0);         ( 504572.0,
3634125.9,     153.0,     363.3,       0.0);
     ( 504622.0, 3634125.9,     160.6,     363.3,       0.0);         ( 504672.0,
3634125.9,     159.9,     363.3,       0.0);
     ( 504722.0, 3634125.9,     161.7,     363.3,       0.0);         ( 502722.0,
3634175.9,     105.6,     105.6,       0.0);
     ( 502772.0, 3634175.9,     105.5,     318.9,       0.0);         ( 502822.0,
3634175.9,     105.9,     318.9,       0.0);
     ( 502872.0, 3634175.9,     106.5,     318.9,       0.0);         ( 502922.0,
3634175.9,     106.3,     318.9,       0.0);
     ( 502972.0, 3634175.9,     106.4,     318.9,       0.0);         ( 503022.0,
3634175.9,     107.1,     318.9,       0.0);
     ( 503072.0, 3634175.9,     107.1,     329.3,       0.0);         ( 503122.0,
3634175.9,     107.2,     333.6,       0.0);
     ( 503172.0, 3634175.9,     107.1,     336.0,       0.0);         ( 503222.0,
3634175.9,     106.6,     336.9,       0.0);
     ( 503272.0, 3634175.9,     106.8,     337.2,       0.0);         ( 503972.0,
3634175.9,     111.6,     363.3,       0.0);
     ( 504022.0, 3634175.9,     111.5,     363.3,       0.0);         ( 504072.0,
3634175.9,     112.4,     363.3,       0.0);
     ( 504122.0, 3634175.9,     114.0,     363.3,       0.0);         ( 504172.0,
3634175.9,     113.6,     363.3,       0.0);
     ( 504222.0, 3634175.9,     115.3,     363.3,       0.0);         ( 504272.0,
3634175.9,     116.8,     363.3,       0.0);
     ( 504322.0, 3634175.9,     119.4,     363.3,       0.0);         ( 504372.0,
3634175.9,     130.4,     363.3,       0.0);
     ( 504422.0, 3634175.9,     142.7,     363.3,       0.0);         ( 504472.0,

3634175.9,     145.6,     363.3,       0.0);
     ( 504522.0, 3634175.9,     149.3,     363.3,       0.0);         ( 504572.0,
3634175.9,     162.1,     360.8,       0.0);
     ( 504622.0, 3634175.9,     171.5,     338.7,       0.0);         ( 504672.0,
3634175.9,     174.2,     338.7,       0.0);
     ( 504722.0, 3634175.9,     182.7,     338.7,       0.0);         ( 502722.0,
3634225.9,     105.2,     105.2,       0.0);
     ( 502772.0, 3634225.9,     105.7,     105.7,       0.0);         ( 502822.0,
3634225.9,     106.4,     318.9,       0.0);
     ( 502872.0, 3634225.9,     106.6,     318.9,       0.0);         ( 502922.0,
3634225.9,     106.2,     318.9,       0.0);
     ( 502972.0, 3634225.9,     106.2,     318.9,       0.0);         ( 503022.0,
3634225.9,     106.8,     318.9,       0.0);
     ( 503072.0, 3634225.9,     106.8,     318.9,       0.0);         ( 503122.0,
3634225.9,     106.8,     329.3,       0.0);
     ( 503172.0, 3634225.9,     106.6,     335.8,       0.0);         ( 503222.0,
3634225.9,     106.5,     336.5,       0.0);
     ( 503272.0, 3634225.9,     106.7,     336.9,       0.0);         ( 504072.0,
3634225.9,     111.7,     363.3,       0.0);
     ( 504122.0, 3634225.9,     112.7,     363.3,       0.0);         ( 504172.0,
3634225.9,     113.6,     363.3,       0.0);
     ( 504222.0, 3634225.9,     113.3,     363.3,       0.0);         ( 504272.0,
3634225.9,     116.3,     363.3,       0.0);
     ( 504322.0, 3634225.9,     118.7,     363.3,       0.0);         ( 504372.0,
3634225.9,     132.3,     363.3,       0.0);
     ( 504422.0, 3634225.9,     145.7,     363.3,       0.0);         ( 504472.0,
3634225.9,     147.8,     363.3,       0.0);
     ( 504522.0, 3634225.9,     151.7,     362.2,       0.0);         ( 504572.0,
3634225.9,     162.3,     338.7,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 504622.0, 3634225.9,     175.1,     338.7,       0.0);         ( 504672.0,
3634225.9,     188.1,     337.8,       0.0);
     ( 504722.0, 3634225.9,     202.4,     334.4,       0.0);         ( 502722.0,
3634275.9,     105.4,     105.4,       0.0);
     ( 502772.0, 3634275.9,     105.4,     105.4,       0.0);         ( 502822.0,
3634275.9,     106.1,     317.2,       0.0);
     ( 502872.0, 3634275.9,     107.5,     318.9,       0.0);         ( 502922.0,
3634275.9,     106.5,     318.9,       0.0);
     ( 502972.0, 3634275.9,     106.0,     318.9,       0.0);         ( 503022.0,

3634275.9,     106.7,     318.9,       0.0);
     ( 503072.0, 3634275.9,     106.6,     318.9,       0.0);         ( 503122.0,
3634275.9,     106.5,     318.9,       0.0);
     ( 503172.0, 3634275.9,     106.6,     333.6,       0.0);         ( 503222.0,
3634275.9,     106.5,     335.8,       0.0);
     ( 503272.0, 3634275.9,     106.9,     336.5,       0.0);         ( 504122.0,
3634275.9,     111.8,     363.3,       0.0);
     ( 504172.0, 3634275.9,     112.2,     363.3,       0.0);         ( 504222.0,
3634275.9,     116.4,     363.3,       0.0);
     ( 504272.0, 3634275.9,     116.9,     363.3,       0.0);         ( 504322.0,
3634275.9,     120.1,     363.3,       0.0);
     ( 504372.0, 3634275.9,     128.7,     363.3,       0.0);         ( 504422.0,
3634275.9,     138.7,     363.3,       0.0);
     ( 504472.0, 3634275.9,     146.7,     362.2,       0.0);         ( 504522.0,
3634275.9,     156.2,     338.7,       0.0);
     ( 504572.0, 3634275.9,     169.8,     338.7,       0.0);         ( 504622.0,
3634275.9,     182.5,     337.8,       0.0);
     ( 504672.0, 3634275.9,     198.9,     334.2,       0.0);         ( 504722.0,
3634275.9,     207.6,     207.6,       0.0);
     ( 502722.0, 3634325.9,     102.3,     102.3,       0.0);         ( 502772.0,
3634325.9,     103.0,     105.3,       0.0);
     ( 502822.0, 3634325.9,     103.3,     317.2,       0.0);         ( 502872.0,
3634325.9,     108.4,     108.4,       0.0);
     ( 502972.0, 3634325.9,     106.1,     318.9,       0.0);         ( 503022.0,
3634325.9,     106.6,     318.9,       0.0);
     ( 503072.0, 3634325.9,     106.8,     318.9,       0.0);         ( 503122.0,
3634325.9,     106.6,     318.9,       0.0);
     ( 503172.0, 3634325.9,     106.7,     328.1,       0.0);         ( 503222.0,
3634325.9,     106.7,     333.6,       0.0);
     ( 503272.0, 3634325.9,     107.1,     335.8,       0.0);         ( 504172.0,
3634325.9,     113.4,     363.3,       0.0);
     ( 504222.0, 3634325.9,     117.7,     363.3,       0.0);         ( 504272.0,
3634325.9,     116.9,     363.3,       0.0);
     ( 504322.0, 3634325.9,     118.8,     363.3,       0.0);         ( 504372.0,
3634325.9,     124.3,     363.3,       0.0);
     ( 504422.0, 3634325.9,     135.2,     363.3,       0.0);         ( 504472.0,
3634325.9,     144.0,     360.8,       0.0);
     ( 504522.0, 3634325.9,     156.5,     338.7,       0.0);         ( 504572.0,
3634325.9,     172.9,     338.0,       0.0);
     ( 504622.0, 3634325.9,     190.8,     334.2,       0.0);         ( 504672.0,
3634325.9,     206.6,     206.6,       0.0);
     ( 504722.0, 3634325.9,     207.6,     207.6,       0.0);         ( 502722.0,
3634375.9,     101.1,     101.1,       0.0);
     ( 502772.0, 3634375.9,     102.1,     102.1,       0.0);         ( 502822.0,
3634375.9,     102.2,     102.2,       0.0);
     ( 503022.0, 3634375.9,     105.5,     318.9,       0.0);         ( 503072.0,
3634375.9,     106.7,     318.9,       0.0);
     ( 503122.0, 3634375.9,     106.6,     318.9,       0.0);         ( 503172.0,
3634375.9,     106.4,     318.9,       0.0);
     ( 503222.0, 3634375.9,     106.6,     329.3,       0.0);         ( 503272.0,

3634375.9,     107.0,     334.2,       0.0);
     ( 504222.0, 3634375.9,     115.6,     363.3,       0.0);         ( 504272.0,
3634375.9,     116.2,     363.3,       0.0);
     ( 504322.0, 3634375.9,     116.2,     363.3,       0.0);         ( 504372.0,
3634375.9,     125.6,     363.3,       0.0);
     ( 504422.0, 3634375.9,     141.7,     338.7,       0.0);         ( 504472.0,
3634375.9,     156.1,     338.7,       0.0);
     ( 504522.0, 3634375.9,     168.5,     337.8,       0.0);         ( 504572.0,
3634375.9,     180.5,     336.0,       0.0);
     ( 504622.0, 3634375.9,     190.9,     318.9,       0.0);         ( 504672.0,
3634375.9,     199.3,     207.6,       0.0);
     ( 504722.0, 3634375.9,     203.3,     207.6,       0.0);         ( 502722.0,
3634425.9,     102.2,     107.7,       0.0);
     ( 502772.0, 3634425.9,     102.3,     107.7,       0.0);         ( 502822.0,
3634425.9,     102.4,     102.4,       0.0);
     ( 504272.0, 3634425.9,     113.0,     363.3,       0.0);         ( 504322.0,
3634425.9,     114.5,     363.3,       0.0);
     ( 504372.0, 3634425.9,     122.6,     363.3,       0.0);         ( 504422.0,
3634425.9,     136.7,     338.7,       0.0);
     ( 504472.0, 3634425.9,     152.1,     338.7,       0.0);         ( 504522.0,
3634425.9,     164.8,     337.8,       0.0);
     ( 504572.0, 3634425.9,     168.9,     337.0,       0.0);         ( 504622.0,
3634425.9,     171.6,     337.0,       0.0);
     ( 504672.0, 3634425.9,     178.6,     336.0,       0.0);         ( 504722.0,
3634425.9,     188.7,     207.6,       0.0);
     ( 502722.0, 3634475.9,     104.8,     107.7,       0.0);         ( 502772.0,
3634475.9,     106.0,     106.0,       0.0);
     ( 502822.0, 3634475.9,     106.5,     108.5,       0.0);         ( 504322.0,
3634475.9,     112.1,     363.3,       0.0);
     ( 504372.0, 3634475.9,     115.2,     363.3,       0.0);         ( 504422.0,
3634475.9,     122.3,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504472.0, 3634475.9,     134.7,     338.7,       0.0);         ( 504522.0,
3634475.9,     142.7,     338.7,       0.0);
     ( 504572.0, 3634475.9,     146.1,     338.7,       0.0);         ( 504622.0,
3634475.9,     148.5,     338.7,       0.0);
     ( 504672.0, 3634475.9,     158.6,     338.6,       0.0);         ( 504722.0,
3634475.9,     171.4,     336.4,       0.0);
     ( 502722.0, 3634525.9,     106.5,     106.5,       0.0);         ( 502772.0,

3634525.9,     106.4,     106.4,       0.0);
     ( 504372.0, 3634525.9,     112.5,     363.3,       0.0);         ( 504422.0,
3634525.9,     113.1,     363.3,       0.0);
     ( 504472.0, 3634525.9,     117.8,     363.3,       0.0);         ( 504522.0,
3634525.9,     123.0,     363.3,       0.0);
     ( 504572.0, 3634525.9,     126.9,     362.2,       0.0);         ( 504622.0,
3634525.9,     132.5,     352.4,       0.0);
     ( 504672.0, 3634525.9,     143.4,     338.7,       0.0);         ( 504722.0,
3634525.9,     154.5,     338.7,       0.0);
     ( 502722.0, 3634575.9,     106.6,     106.6,       0.0);         ( 502772.0,
3634575.9,     107.0,     107.0,       0.0);
     ( 504422.0, 3634575.9,     111.1,     363.3,       0.0);         ( 504472.0,
3634575.9,     112.5,     363.3,       0.0);
     ( 504522.0, 3634575.9,     113.4,     363.3,       0.0);         ( 504572.0,
3634575.9,     117.5,     363.3,       0.0);
     ( 504622.0, 3634575.9,     123.7,     362.2,       0.0);         ( 504672.0,
3634575.9,     131.5,     338.7,       0.0);
     ( 504722.0, 3634575.9,     139.1,     338.7,       0.0);         ( 502722.0,
3634625.9,     106.8,     106.8,       0.0);
     ( 502772.0, 3634625.9,     106.9,     106.9,       0.0);         ( 502822.0,
3634625.9,     107.9,     107.9,       0.0);
     ( 502872.0, 3634625.9,     108.0,     108.0,       0.0);         ( 502922.0,
3634625.9,     107.8,     107.8,       0.0);
     ( 502972.0, 3634625.9,     107.9,     107.9,       0.0);         ( 503022.0,
3634625.9,     108.0,     108.0,       0.0);
     ( 503072.0, 3634625.9,     108.2,     108.2,       0.0);         ( 503122.0,
3634625.9,     108.0,     108.0,       0.0);
     ( 504472.0, 3634625.9,     111.6,     363.3,       0.0);         ( 504522.0,
3634625.9,     112.5,     363.3,       0.0);
     ( 504572.0, 3634625.9,     113.3,     363.3,       0.0);         ( 504622.0,
3634625.9,     115.1,     363.3,       0.0);
     ( 504672.0, 3634625.9,     115.7,     363.3,       0.0);         ( 504722.0,
3634625.9,     125.4,     360.8,       0.0);
     ( 502722.0, 3634675.9,     107.3,     107.3,       0.0);         ( 502772.0,
3634675.9,     107.6,     107.6,       0.0);
     ( 502822.0, 3634675.9,     108.5,     108.5,       0.0);         ( 502872.0,
3634675.9,     108.6,     108.6,       0.0);
     ( 502922.0, 3634675.9,     108.5,     108.5,       0.0);         ( 502972.0,
3634675.9,     108.9,     108.9,       0.0);
     ( 503022.0, 3634675.9,     108.5,     108.5,       0.0);         ( 503072.0,
3634675.9,     108.2,     108.2,       0.0);
     ( 503122.0, 3634675.9,     109.0,     109.0,       0.0);         ( 503172.0,
3634675.9,     110.3,     110.3,       0.0);
     ( 503222.0, 3634675.9,     110.2,     317.2,       0.0);         ( 503272.0,
3634675.9,     107.9,     318.9,       0.0);
     ( 503322.0, 3634675.9,     108.0,     318.9,       0.0);         ( 503372.0,
3634675.9,     108.3,     318.9,       0.0);
     ( 503422.0, 3634675.9,     108.6,     318.9,       0.0);         ( 503472.0,
3634675.9,     110.6,     318.9,       0.0);
     ( 503522.0, 3634675.9,     107.6,     318.9,       0.0);         ( 504522.0,

3634675.9,     111.4,     362.2,       0.0);
     ( 504572.0, 3634675.9,     111.8,     362.2,       0.0);         ( 504622.0,
3634675.9,     113.4,     362.2,       0.0);
     ( 504672.0, 3634675.9,     114.0,     363.3,       0.0);         ( 504722.0,
3634675.9,     114.8,     363.3,       0.0);
     ( 502722.0, 3634725.9,     107.8,     107.8,       0.0);         ( 502772.0,
3634725.9,     108.1,     108.1,       0.0);
     ( 502822.0, 3634725.9,     108.4,     108.4,       0.0);         ( 502872.0,
3634725.9,     109.4,     109.4,       0.0);
     ( 502922.0, 3634725.9,     109.1,     109.1,       0.0);         ( 502972.0,
3634725.9,     109.1,     109.1,       0.0);
     ( 503022.0, 3634725.9,     109.0,     109.0,       0.0);         ( 503072.0,
3634725.9,     108.5,     108.5,       0.0);
     ( 503122.0, 3634725.9,     109.1,     109.1,       0.0);         ( 503172.0,
3634725.9,     109.9,     109.9,       0.0);
     ( 503222.0, 3634725.9,     109.3,     109.3,       0.0);         ( 503272.0,
3634725.9,     108.4,     317.2,       0.0);
     ( 503322.0, 3634725.9,     108.7,     318.9,       0.0);         ( 503372.0,
3634725.9,     109.2,     318.9,       0.0);
     ( 503422.0, 3634725.9,     109.6,     318.9,       0.0);         ( 503472.0,
3634725.9,     111.3,     318.9,       0.0);
     ( 503522.0, 3634725.9,     111.3,     318.9,       0.0);         ( 503572.0,
3634725.9,     109.2,     318.9,       0.0);
     ( 503622.0, 3634725.9,     107.5,     334.2,       0.0);         ( 504572.0,
3634725.9,     111.4,     360.8,       0.0);
     ( 504622.0, 3634725.9,     112.7,     360.8,       0.0);         ( 504672.0,
3634725.9,     113.2,     360.8,       0.0);
     ( 504722.0, 3634725.9,     113.9,     360.8,       0.0);         ( 502722.0,
3634775.9,     108.3,     108.3,       0.0);
     ( 502772.0, 3634775.9,     108.1,     108.1,       0.0);         ( 502822.0,
3634775.9,     108.7,     108.7,       0.0);
     ( 502872.0, 3634775.9,     109.6,     109.6,       0.0);         ( 502922.0,
3634775.9,     109.5,     109.5,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 502972.0, 3634775.9,     109.0,     109.0,       0.0);         ( 503022.0,
3634775.9,     109.4,     109.4,       0.0);
     ( 503072.0, 3634775.9,     109.2,     109.2,       0.0);         ( 503122.0,
3634775.9,     109.1,     109.1,       0.0);
     ( 503172.0, 3634775.9,     109.4,     109.4,       0.0);         ( 503222.0,

3634775.9,     108.6,     108.6,       0.0);
     ( 503272.0, 3634775.9,     108.4,     195.7,       0.0);         ( 503322.0,
3634775.9,     108.4,     317.2,       0.0);
     ( 503372.0, 3634775.9,     108.5,     318.9,       0.0);         ( 503422.0,
3634775.9,     109.1,     318.9,       0.0);
     ( 503472.0, 3634775.9,     110.8,     318.9,       0.0);         ( 503522.0,
3634775.9,     110.6,     318.9,       0.0);
     ( 503572.0, 3634775.9,     110.3,     318.9,       0.0);         ( 503622.0,
3634775.9,     110.4,     318.9,       0.0);
     ( 503672.0, 3634775.9,     110.9,     318.9,       0.0);         ( 503722.0,
3634775.9,     110.6,     333.6,       0.0);
     ( 503772.0, 3634775.9,     109.7,     334.9,       0.0);         ( 503822.0,
3634775.9,     107.5,     336.5,       0.0);
     ( 504622.0, 3634775.9,     111.9,     338.7,       0.0);         ( 504672.0,
3634775.9,     112.9,     338.7,       0.0);
     ( 504722.0, 3634775.9,     113.5,     338.7,       0.0);         ( 502722.0,
3634825.9,     108.3,     108.3,       0.0);
     ( 502772.0, 3634825.9,     109.1,     109.1,       0.0);         ( 502822.0,
3634825.9,     109.2,     109.2,       0.0);
     ( 502872.0, 3634825.9,     109.2,     109.2,       0.0);         ( 502922.0,
3634825.9,     109.9,     109.9,       0.0);
     ( 502972.0, 3634825.9,     109.6,     109.6,       0.0);         ( 503022.0,
3634825.9,     109.8,     109.8,       0.0);
     ( 503072.0, 3634825.9,     109.0,     109.0,       0.0);         ( 503122.0,
3634825.9,     109.3,     109.3,       0.0);
     ( 503172.0, 3634825.9,     108.5,     108.5,       0.0);         ( 503222.0,
3634825.9,     108.4,     108.4,       0.0);
     ( 503272.0, 3634825.9,     108.4,     197.1,       0.0);         ( 503322.0,
3634825.9,     108.8,     197.1,       0.0);
     ( 503372.0, 3634825.9,     110.2,     197.1,       0.0);         ( 503422.0,
3634825.9,     111.0,     317.2,       0.0);
     ( 503472.0, 3634825.9,     111.4,     318.9,       0.0);         ( 503522.0,
3634825.9,     111.2,     318.9,       0.0);
     ( 503572.0, 3634825.9,     110.6,     318.9,       0.0);         ( 503622.0,
3634825.9,     111.0,     318.9,       0.0);
     ( 503672.0, 3634825.9,     111.4,     318.9,       0.0);         ( 503722.0,
3634825.9,     111.5,     318.9,       0.0);
     ( 503772.0, 3634825.9,     111.3,     318.9,       0.0);         ( 503822.0,
3634825.9,     111.4,     334.2,       0.0);
     ( 503872.0, 3634825.9,     111.5,     334.4,       0.0);         ( 503922.0,
3634825.9,     111.4,     336.0,       0.0);
     ( 504672.0, 3634825.9,     112.2,     338.7,       0.0);         ( 504722.0,
3634825.9,     113.1,     338.7,       0.0);
     ( 502722.0, 3634875.9,     108.3,     108.3,       0.0);         ( 502772.0,
3634875.9,     108.8,     108.8,       0.0);
     ( 502822.0, 3634875.9,     109.1,     109.1,       0.0);         ( 502872.0,
3634875.9,     108.7,     108.7,       0.0);
     ( 502922.0, 3634875.9,     109.6,     109.6,       0.0);         ( 502972.0,
3634875.9,     109.6,     109.6,       0.0);
     ( 503022.0, 3634875.9,     109.8,     109.8,       0.0);         ( 503072.0,

3634875.9,     109.5,     109.5,       0.0);
     ( 503122.0, 3634875.9,     109.5,     109.5,       0.0);         ( 503172.0,
3634875.9,     108.3,     108.3,       0.0);
     ( 503222.0, 3634875.9,     108.6,     195.7,       0.0);         ( 503272.0,
3634875.9,     109.9,     197.1,       0.0);
     ( 503322.0, 3634875.9,     110.7,     197.1,       0.0);         ( 503372.0,
3634875.9,     110.7,     197.1,       0.0);
     ( 503422.0, 3634875.9,     111.1,     197.1,       0.0);         ( 503472.0,
3634875.9,     111.8,     197.1,       0.0);
     ( 503522.0, 3634875.9,     111.7,     317.2,       0.0);         ( 503572.0,
3634875.9,     111.8,     318.9,       0.0);
     ( 503622.0, 3634875.9,     111.7,     318.9,       0.0);         ( 503672.0,
3634875.9,     112.0,     318.9,       0.0);
     ( 503722.0, 3634875.9,     112.6,     318.9,       0.0);         ( 503772.0,
3634875.9,     112.7,     318.9,       0.0);
     ( 503822.0, 3634875.9,     113.0,     318.9,       0.0);         ( 503872.0,
3634875.9,     113.2,     318.9,       0.0);
     ( 503922.0, 3634875.9,     114.9,     318.9,       0.0);         ( 504722.0,
3634875.9,     112.5,     338.7,       0.0);
     ( 502722.0, 3634925.9,     108.4,     108.4,       0.0);         ( 502772.0,
3634925.9,     108.5,     108.5,       0.0);
     ( 502822.0, 3634925.9,     108.9,     108.9,       0.0);         ( 502872.0,
3634925.9,     108.6,     108.6,       0.0);
     ( 502922.0, 3634925.9,     109.2,     109.2,       0.0);         ( 502972.0,
3634925.9,     109.4,     109.4,       0.0);
     ( 503022.0, 3634925.9,     109.5,     109.5,       0.0);         ( 503072.0,
3634925.9,     109.4,     109.4,       0.0);
     ( 503122.0, 3634925.9,     109.5,     109.5,       0.0);         ( 503172.0,
3634925.9,     109.4,     109.4,       0.0);
     ( 503222.0, 3634925.9,     109.8,     195.7,       0.0);         ( 503272.0,
3634925.9,     110.3,     197.1,       0.0);
     ( 503322.0, 3634925.9,     110.7,     197.1,       0.0);         ( 503372.0,
3634925.9,     111.0,     197.1,       0.0);
     ( 503422.0, 3634925.9,     111.4,     197.1,       0.0);         ( 503472.0,
3634925.9,     111.7,     197.1,       0.0);

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 503522.0, 3634925.9,     111.8,     197.1,       0.0);         ( 503572.0,
3634925.9,     111.8,     197.1,       0.0);
     ( 503622.0, 3634925.9,     111.8,     317.2,       0.0);         ( 503672.0,

3634925.9,     112.1,     318.9,       0.0);
     ( 503722.0, 3634925.9,     114.0,     318.9,       0.0);         ( 503772.0,
3634925.9,     114.7,     318.9,       0.0);
     ( 503822.0, 3634925.9,     115.8,     318.9,       0.0);         ( 503872.0,
3634925.9,     116.9,     318.9,       0.0);
     ( 502722.0, 3634975.9,     108.5,     108.5,       0.0);         ( 502772.0,
3634975.9,     108.3,     108.3,       0.0);
     ( 502822.0, 3634975.9,     108.6,     108.6,       0.0);         ( 502872.0,
3634975.9,     109.0,     109.0,       0.0);
     ( 502922.0, 3634975.9,     109.9,     109.9,       0.0);         ( 502972.0,
3634975.9,     108.6,     108.6,       0.0);
     ( 503022.0, 3634975.9,     108.9,     108.9,       0.0);         ( 503072.0,
3634975.9,     109.3,     109.3,       0.0);
     ( 503122.0, 3634975.9,     109.6,     109.6,       0.0);         ( 503172.0,
3634975.9,     108.2,     333.1,       0.0);
     ( 503222.0, 3634975.9,     108.2,     333.1,       0.0);         ( 503272.0,
3634975.9,     108.9,     333.1,       0.0);
     ( 503322.0, 3634975.9,     109.2,     333.1,       0.0);         ( 503372.0,
3634975.9,     109.7,     333.1,       0.0);
     ( 503422.0, 3634975.9,     111.4,     197.1,       0.0);         ( 503472.0,
3634975.9,     111.3,     197.1,       0.0);
     ( 503522.0, 3634975.9,     111.9,     197.1,       0.0);         ( 503572.0,
3634975.9,     111.8,     197.1,       0.0);
     ( 503622.0, 3634975.9,     111.7,     197.1,       0.0);         ( 503672.0,
3634975.9,     112.0,     197.1,       0.0);
     ( 503722.0, 3634975.9,     115.0,     197.1,       0.0);         ( 503772.0,
3634975.9,     119.4,     197.1,       0.0);
     ( 503822.0, 3634975.9,     118.6,     197.1,       0.0);         ( 503872.0,
3634975.9,     126.0,     197.1,       0.0);
     ( 502722.0, 3635025.9,     108.7,     108.7,       0.0);         ( 502772.0,
3635025.9,     109.2,     109.2,       0.0);
     ( 502822.0, 3635025.9,     109.3,     109.3,       0.0);         ( 502872.0,
3635025.9,     109.5,     109.5,       0.0);
     ( 502922.0, 3635025.9,     109.3,     333.1,       0.0);         ( 502972.0,
3635025.9,     109.2,     333.1,       0.0);
     ( 503022.0, 3635025.9,     109.4,     333.1,       0.0);         ( 503072.0,
3635025.9,     109.9,     333.1,       0.0);
     ( 503122.0, 3635025.9,     110.0,     333.1,       0.0);         ( 503172.0,
3635025.9,     109.2,     333.1,       0.0);
     ( 503222.0, 3635025.9,     109.3,     333.1,       0.0);         ( 503272.0,
3635025.9,     109.6,     333.1,       0.0);
     ( 503322.0, 3635025.9,     109.8,     333.1,       0.0);         ( 503372.0,
3635025.9,     110.3,     333.1,       0.0);
     ( 503422.0, 3635025.9,     111.3,     333.1,       0.0);         ( 503472.0,
3635025.9,     111.3,     333.1,       0.0);
     ( 503522.0, 3635025.9,     111.6,     333.1,       0.0);         ( 503572.0,
3635025.9,     111.9,     333.1,       0.0);
     ( 503622.0, 3635025.9,     112.2,     333.1,       0.0);         ( 503672.0,
3635025.9,     113.2,     333.1,       0.0);
     ( 503722.0, 3635025.9,     118.5,     197.1,       0.0);         ( 503772.0,

3635025.9,     120.0,     197.1,       0.0);
     ( 503822.0, 3635025.9,     122.5,     197.1,       0.0);         ( 504372.0,
3635025.9,     110.7,     336.0,       0.0);
     ( 502722.0, 3635075.9,     109.5,     333.1,       0.0);         ( 502772.0,
3635075.9,     110.0,     333.1,       0.0);
     ( 502822.0, 3635075.9,     110.2,     333.1,       0.0);         ( 502872.0,
3635075.9,     109.5,     333.1,       0.0);
     ( 502922.0, 3635075.9,     109.7,     333.1,       0.0);         ( 502972.0,
3635075.9,     110.0,     333.1,       0.0);
     ( 503022.0, 3635075.9,     109.6,     333.1,       0.0);         ( 503072.0,
3635075.9,     110.0,     333.1,       0.0);
     ( 503122.0, 3635075.9,     110.0,     333.1,       0.0);         ( 503172.0,
3635075.9,     109.5,     333.1,       0.0);
     ( 503222.0, 3635075.9,     109.8,     333.1,       0.0);         ( 503272.0,
3635075.9,     109.9,     333.1,       0.0);
     ( 503322.0, 3635075.9,     110.2,     333.1,       0.0);         ( 503372.0,
3635075.9,     110.5,     333.1,       0.0);
     ( 503422.0, 3635075.9,     110.7,     333.1,       0.0);         ( 503472.0,
3635075.9,     110.9,     333.1,       0.0);
     ( 503522.0, 3635075.9,     111.2,     333.1,       0.0);         ( 503572.0,
3635075.9,     111.6,     333.1,       0.0);
     ( 503622.0, 3635075.9,     112.1,     333.1,       0.0);         ( 503672.0,
3635075.9,     113.6,     333.1,       0.0);
     ( 503722.0, 3635075.9,     116.8,     333.1,       0.0);         ( 503772.0,
3635075.9,     119.5,     197.1,       0.0);
     ( 503822.0, 3635075.9,     126.0,     197.1,       0.0);         ( 504372.0,
3635075.9,     111.5,     334.2,       0.0);
     ( 504422.0, 3635075.9,     111.6,     334.9,       0.0);         ( 504472.0,
3635075.9,     111.7,     336.0,       0.0);
     ( 504522.0, 3635075.9,     109.8,     336.4,       0.0);         ( 502722.0,
3635125.9,     109.9,     333.1,       0.0);
     ( 502772.0, 3635125.9,     110.4,     333.1,       0.0);         ( 502822.0,
3635125.9,     110.8,     333.1,       0.0);
     ( 502872.0, 3635125.9,     110.4,     333.1,       0.0);         ( 502922.0,
3635125.9,     109.4,     333.1,       0.0);
     ( 502972.0, 3635125.9,     109.5,     333.1,       0.0);         ( 503022.0,
3635125.9,     109.7,     333.1,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 503072.0, 3635125.9,     110.3,     333.1,       0.0);         ( 503122.0,

```
3635125.9,     110.3,     333.1,       0.0);
     ( 503172.0, 3635125.9,     110.2,     333.1,       0.0);         ( 503222.0,
3635125.9,     110.8,     333.1,       0.0);
     ( 503272.0, 3635125.9,     110.6,     333.1,       0.0);         ( 503322.0,
3635125.9,     111.0,     333.1,       0.0);
     ( 503372.0, 3635125.9,     111.1,     333.1,       0.0);         ( 503422.0,
3635125.9,     110.8,     333.1,       0.0);
     ( 503472.0, 3635125.9,     111.1,     333.1,       0.0);         ( 503522.0,
3635125.9,     111.5,     333.1,       0.0);
     ( 503572.0, 3635125.9,     113.3,     333.1,       0.0);         ( 503622.0,
3635125.9,     113.2,     333.1,       0.0);
     ( 503672.0, 3635125.9,     115.0,     333.1,       0.0);         ( 503722.0,
3635125.9,     119.5,     333.1,       0.0);
     ( 503772.0, 3635125.9,     122.1,     333.1,       0.0);         ( 503822.0,
3635125.9,     126.7,     197.1,       0.0);
     ( 504372.0, 3635125.9,     111.5,     318.9,       0.0);         ( 504422.0,
3635125.9,     112.7,     318.9,       0.0);
     ( 504472.0, 3635125.9,     112.2,     318.9,       0.0);         ( 504522.0,
3635125.9,     111.7,     334.2,       0.0);
     ( 504572.0, 3635125.9,     110.6,     334.9,       0.0);         ( 502722.0,
3635175.9,     110.2,     333.1,       0.0);
     ( 502772.0, 3635175.9,     111.1,     333.1,       0.0);         ( 502822.0,
3635175.9,     111.5,     333.1,       0.0);
     ( 502872.0, 3635175.9,     111.6,     333.1,       0.0);         ( 502922.0,
3635175.9,     110.2,     333.1,       0.0);
     ( 502972.0, 3635175.9,     110.1,     333.1,       0.0);         ( 503022.0,
3635175.9,     110.6,     333.1,       0.0);
     ( 503072.0, 3635175.9,     110.8,     333.1,       0.0);         ( 503122.0,
3635175.9,     110.5,     333.1,       0.0);
     ( 503172.0, 3635175.9,     110.3,     333.1,       0.0);         ( 503222.0,
3635175.9,     111.0,     333.1,       0.0);
     ( 503272.0, 3635175.9,     110.8,     333.1,       0.0);         ( 503322.0,
3635175.9,     111.3,     333.1,       0.0);
     ( 503372.0, 3635175.9,     111.3,     333.1,       0.0);         ( 503422.0,
3635175.9,     110.3,     333.1,       0.0);
     ( 503472.0, 3635175.9,     112.1,     333.1,       0.0);         ( 503522.0,
3635175.9,     112.1,     333.1,       0.0);
     ( 503572.0, 3635175.9,     114.0,     333.1,       0.0);         ( 503622.0,
3635175.9,     114.2,     333.1,       0.0);
     ( 503672.0, 3635175.9,     116.3,     333.1,       0.0);         ( 503722.0,
3635175.9,     121.8,     333.1,       0.0);
     ( 503772.0, 3635175.9,     126.7,     333.1,       0.0);         ( 503822.0,
3635175.9,     132.5,     197.1,       0.0);
     ( 504372.0, 3635175.9,     111.7,     317.2,       0.0);         ( 504422.0,
3635175.9,     112.6,     279.6,       0.0);
     ( 504472.0, 3635175.9,     112.4,     317.2,       0.0);         ( 504522.0,
3635175.9,     112.3,     317.2,       0.0);
     ( 504572.0, 3635175.9,     112.7,     317.2,       0.0);         ( 504622.0,
3635175.9,     109.7,     334.2,       0.0);
     ( 502722.0, 3635225.9,     110.5,     333.1,       0.0);         ( 502772.0,
```

3635225.9,     110.5,     333.1,       0.0);
     ( 502822.0, 3635225.9,     110.8,     333.1,       0.0);         ( 502872.0,
3635225.9,     111.1,     333.1,       0.0);
     ( 502922.0, 3635225.9,     111.3,     333.1,       0.0);         ( 502972.0,
3635225.9,     111.1,     333.1,       0.0);
     ( 503022.0, 3635225.9,     111.0,     333.1,       0.0);         ( 503072.0,
3635225.9,     110.8,     333.1,       0.0);
     ( 503122.0, 3635225.9,     110.4,     333.1,       0.0);         ( 503172.0,
3635225.9,     110.2,     333.1,       0.0);
     ( 503222.0, 3635225.9,     110.0,     333.1,       0.0);         ( 503272.0,
3635225.9,     109.7,     333.1,       0.0);
     ( 503322.0, 3635225.9,     109.5,     333.1,       0.0);         ( 503372.0,
3635225.9,     109.6,     333.1,       0.0);
     ( 503422.0, 3635225.9,     109.8,     333.1,       0.0);         ( 503472.0,
3635225.9,     110.4,     333.1,       0.0);
     ( 503522.0, 3635225.9,     112.4,     333.1,       0.0);         ( 503572.0,
3635225.9,     114.2,     333.1,       0.0);
     ( 503622.0, 3635225.9,     116.6,     333.1,       0.0);         ( 503672.0,
3635225.9,     119.3,     333.1,       0.0);
     ( 504372.0, 3635225.9,     111.4,     333.1,       0.0);         ( 504422.0,
3635225.9,     111.7,     279.6,       0.0);
     ( 504472.0, 3635225.9,     112.0,     279.6,       0.0);         ( 504522.0,
3635225.9,     112.3,     279.6,       0.0);
     ( 504572.0, 3635225.9,     113.0,     279.6,       0.0);         ( 504622.0,
3635225.9,     112.5,     279.6,       0.0);
     ( 502722.0, 3635275.9,     111.4,     333.1,       0.0);         ( 502772.0,
3635275.9,     112.2,     333.1,       0.0);
     ( 502822.0, 3635275.9,     112.5,     333.1,       0.0);         ( 502872.0,
3635275.9,     112.1,     333.1,       0.0);
     ( 502922.0, 3635275.9,     112.5,     333.1,       0.0);         ( 502972.0,
3635275.9,     112.1,     333.1,       0.0);
     ( 503022.0, 3635275.9,     112.4,     333.1,       0.0);         ( 503072.0,
3635275.9,     112.5,     333.1,       0.0);
     ( 503122.0, 3635275.9,     112.4,     333.1,       0.0);         ( 503172.0,
3635275.9,     112.3,     333.1,       0.0);
     ( 503222.0, 3635275.9,     110.4,     333.1,       0.0);         ( 503272.0,
3635275.9,     110.5,     333.1,       0.0);
     ( 503322.0, 3635275.9,     110.1,     333.1,       0.0);         ( 503372.0,
3635275.9,     110.6,     333.1,       0.0);


                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

```
     ( 503422.0, 3635275.9,     110.3,     333.1,       0.0);         ( 503472.0,
3635275.9,     110.5,     333.1,       0.0);
     ( 503522.0, 3635275.9,     110.5,     333.1,       0.0);         ( 503572.0,
3635275.9,     113.3,     333.1,       0.0);
     ( 503622.0, 3635275.9,     115.6,     333.1,       0.0);         ( 504372.0,
3635275.9,     113.0,     333.1,       0.0);
     ( 504422.0, 3635275.9,     113.2,     333.1,       0.0);         ( 504472.0,
3635275.9,     112.8,     333.1,       0.0);
     ( 504522.0, 3635275.9,     112.7,     279.6,       0.0);         ( 504572.0,
3635275.9,     112.8,     279.6,       0.0);
     ( 504622.0, 3635275.9,     113.1,     279.6,       0.0);         ( 504672.0,
3635275.9,     112.0,     279.6,       0.0);
     ( 502722.0, 3635325.9,     112.2,     333.1,       0.0);         ( 502772.0,
3635325.9,     112.7,     333.1,       0.0);
     ( 502822.0, 3635325.9,     112.8,     333.1,       0.0);         ( 502872.0,
3635325.9,     112.7,     333.1,       0.0);
     ( 502922.0, 3635325.9,     112.9,     333.1,       0.0);         ( 502972.0,
3635325.9,     112.5,     333.1,       0.0);
     ( 503022.0, 3635325.9,     112.8,     333.1,       0.0);         ( 503072.0,
3635325.9,     112.8,     333.1,       0.0);
     ( 503122.0, 3635325.9,     112.8,     333.1,       0.0);         ( 503172.0,
3635325.9,     112.8,     333.1,       0.0);
     ( 503222.0, 3635325.9,     110.8,     333.1,       0.0);         ( 503272.0,
3635325.9,     110.9,     333.1,       0.0);
     ( 503322.0, 3635325.9,     110.8,     333.1,       0.0);         ( 503372.0,
3635325.9,     111.3,     333.1,       0.0);
     ( 503422.0, 3635325.9,     111.3,     333.1,       0.0);         ( 503472.0,
3635325.9,     111.4,     333.1,       0.0);
     ( 503522.0, 3635325.9,     110.8,     333.1,       0.0);         ( 503572.0,
3635325.9,     112.3,     333.1,       0.0);
     ( 503622.0, 3635325.9,     115.0,     333.1,       0.0);         ( 504372.0,
3635325.9,     113.3,     333.1,       0.0);
     ( 504422.0, 3635325.9,     113.2,     333.1,       0.0);         ( 504472.0,
3635325.9,     113.0,     333.1,       0.0);
     ( 504522.0, 3635325.9,     112.6,     333.1,       0.0);         ( 504572.0,
3635325.9,     112.4,     333.1,       0.0);
     ( 504622.0, 3635325.9,     113.1,     279.6,       0.0);         ( 504672.0,
3635325.9,     113.7,     279.6,       0.0);
     ( 504722.0, 3635325.9,     111.8,     279.6,       0.0);         ( 502722.0,
3635375.9,     113.3,     333.1,       0.0);
     ( 502772.0, 3635375.9,     116.1,     333.1,       0.0);         ( 502822.0,
3635375.9,     116.4,     333.1,       0.0);
     ( 502872.0, 3635375.9,     116.3,     333.1,       0.0);         ( 502922.0,
3635375.9,     115.7,     333.1,       0.0);
     ( 502972.0, 3635375.9,     113.2,     333.1,       0.0);         ( 503022.0,
3635375.9,     115.0,     333.1,       0.0);
     ( 503072.0, 3635375.9,     115.8,     333.1,       0.0);         ( 503122.0,
3635375.9,     113.6,     333.1,       0.0);
     ( 503172.0, 3635375.9,     113.1,     333.1,       0.0);         ( 503222.0,
```

3635375.9,     111.2,     333.1,       0.0);
     ( 503272.0, 3635375.9,     111.2,     333.1,       0.0);         ( 503322.0,
3635375.9,     111.4,     333.1,       0.0);
     ( 503372.0, 3635375.9,     111.6,     333.1,       0.0);         ( 503422.0,
3635375.9,     111.5,     333.1,       0.0);
     ( 503472.0, 3635375.9,     111.4,     333.1,       0.0);         ( 503522.0,
3635375.9,     111.3,     333.1,       0.0);
     ( 503572.0, 3635375.9,     112.4,     333.1,       0.0);         ( 503622.0,
3635375.9,     113.4,     333.1,       0.0);
     ( 503672.0, 3635375.9,     116.5,     333.1,       0.0);         ( 503722.0,
3635375.9,     120.5,     333.1,       0.0);
     ( 504372.0, 3635375.9,     113.3,     333.1,       0.0);         ( 504422.0,
3635375.9,     113.1,     333.1,       0.0);
     ( 504472.0, 3635375.9,     112.7,     333.1,       0.0);         ( 504522.0,
3635375.9,     112.6,     333.1,       0.0);
     ( 504572.0, 3635375.9,     112.4,     333.1,       0.0);         ( 504622.0,
3635375.9,     113.2,     333.1,       0.0);
     ( 504672.0, 3635375.9,     113.7,     279.6,       0.0);         ( 504722.0,
3635375.9,     113.6,     279.6,       0.0);
     ( 502722.0, 3635425.9,     114.6,     333.1,       0.0);         ( 502772.0,
3635425.9,     116.7,     333.1,       0.0);
     ( 502822.0, 3635425.9,     116.9,     333.1,       0.0);         ( 502872.0,
3635425.9,     117.0,     333.1,       0.0);
     ( 502922.0, 3635425.9,     116.9,     333.1,       0.0);         ( 502972.0,
3635425.9,     116.5,     333.1,       0.0);
     ( 503022.0, 3635425.9,     116.5,     333.1,       0.0);         ( 503072.0,
3635425.9,     116.3,     333.1,       0.0);
     ( 503122.0, 3635425.9,     113.4,     333.1,       0.0);         ( 503172.0,
3635425.9,     113.2,     333.1,       0.0);
     ( 503222.0, 3635425.9,     112.8,     333.1,       0.0);         ( 503272.0,
3635425.9,     113.7,     333.1,       0.0);
     ( 503322.0, 3635425.9,     113.4,     333.1,       0.0);         ( 503372.0,
3635425.9,     113.1,     333.1,       0.0);
     ( 503422.0, 3635425.9,     112.8,     333.1,       0.0);         ( 503472.0,
3635425.9,     113.1,     333.1,       0.0);
     ( 503522.0, 3635425.9,     113.5,     333.1,       0.0);         ( 503572.0,
3635425.9,     113.7,     333.1,       0.0);
     ( 503622.0, 3635425.9,     114.0,     333.1,       0.0);         ( 503672.0,
3635425.9,     116.4,     333.1,       0.0);
     ( 503722.0, 3635425.9,     117.8,     333.1,       0.0);         ( 503772.0,
3635425.9,     119.1,     333.1,       0.0);


*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503822.0, 3635425.9, 120.3, 333.1, 0.0); ( 504372.0, 3635425.9, 113.5, 333.1, 0.0);
( 504422.0, 3635425.9, 113.6, 333.1, 0.0); ( 504472.0, 3635425.9, 113.5, 333.1, 0.0);
( 504522.0, 3635425.9, 112.9, 333.1, 0.0); ( 504572.0, 3635425.9, 112.8, 333.1, 0.0);
( 504622.0, 3635425.9, 113.4, 333.1, 0.0); ( 504672.0, 3635425.9, 113.6, 333.1, 0.0);
( 504722.0, 3635425.9, 113.8, 279.6, 0.0); ( 502722.0, 3635475.9, 116.3, 333.1, 0.0);
( 502772.0, 3635475.9, 116.9, 333.1, 0.0); ( 502822.0, 3635475.9, 117.0, 333.1, 0.0);
( 502872.0, 3635475.9, 117.0, 333.1, 0.0); ( 502922.0, 3635475.9, 116.6, 333.1, 0.0);
( 502972.0, 3635475.9, 116.8, 333.1, 0.0); ( 503022.0, 3635475.9, 116.7, 333.1, 0.0);
( 503072.0, 3635475.9, 115.7, 333.1, 0.0); ( 503122.0, 3635475.9, 113.3, 333.1, 0.0);
( 503172.0, 3635475.9, 113.3, 333.1, 0.0); ( 503222.0, 3635475.9, 113.6, 333.1, 0.0);
( 503272.0, 3635475.9, 114.0, 333.1, 0.0); ( 503322.0, 3635475.9, 113.9, 333.1, 0.0);
( 503372.0, 3635475.9, 113.5, 333.1, 0.0); ( 503422.0, 3635475.9, 113.4, 333.1, 0.0);
( 503472.0, 3635475.9, 113.6, 333.1, 0.0); ( 503522.0, 3635475.9, 113.8, 333.1, 0.0);
( 503572.0, 3635475.9, 114.2, 333.1, 0.0); ( 503622.0, 3635475.9, 114.2, 333.1, 0.0);
( 503672.0, 3635475.9, 115.2, 333.1, 0.0); ( 503722.0, 3635475.9, 115.8, 333.1, 0.0);
( 503772.0, 3635475.9, 117.9, 333.1, 0.0); ( 503822.0, 3635475.9, 117.9, 333.1, 0.0);
( 503872.0, 3635475.9, 117.4, 333.1, 0.0); ( 503922.0, 3635475.9, 117.4, 333.1, 0.0);
( 504372.0, 3635475.9, 112.4, 333.1, 0.0); ( 504422.0, 3635475.9, 112.8, 333.1, 0.0);
( 504472.0, 3635475.9, 113.3, 333.1, 0.0); ( 504522.0, 3635475.9, 112.8, 333.1, 0.0);
( 504572.0, 3635475.9, 113.2, 333.1, 0.0); ( 504622.0, 3635475.9, 113.5, 333.1, 0.0);
( 504672.0, 3635475.9, 113.7, 333.1, 0.0); ( 504722.0, 3635475.9, 114.5, 333.1, 0.0);
( 502222.0, 3632975.9, 106.9, 106.9, 0.0); ( 502272.0, 3632975.9, 106.9, 106.9, 0.0);
( 502322.0, 3632975.9, 107.1, 107.1, 0.0); ( 502372.0, 3632975.9, 107.5, 107.5, 0.0);
( 502422.0, 3632975.9, 107.9, 169.3, 0.0); ( 502472.0,

3632975.9,     108.4,     169.3,       0.0);
     ( 502522.0, 3632975.9,     108.1,     318.9,       0.0);         ( 502572.0,
3632975.9,     108.5,     318.9,       0.0);
     ( 502622.0, 3632975.9,     109.1,     318.9,       0.0);         ( 502672.0,
3632975.9,     110.1,     318.9,       0.0);
     ( 502722.0, 3632975.9,     111.2,     329.3,       0.0);         ( 502772.0,
3632975.9,     112.8,     329.9,       0.0);
     ( 502822.0, 3632975.9,     116.1,     329.9,       0.0);         ( 502872.0,
3632975.9,     122.4,     329.9,       0.0);
     ( 502922.0, 3632975.9,     122.8,     335.8,       0.0);         ( 502972.0,
3632975.9,     152.4,     318.9,       0.0);
     ( 503022.0, 3632975.9,     153.2,     318.9,       0.0);         ( 503072.0,
3632975.9,     138.8,     335.8,       0.0);
     ( 503122.0, 3632975.9,     127.8,     360.8,       0.0);         ( 503172.0,
3632975.9,     122.2,     363.3,       0.0);
     ( 503222.0, 3632975.9,     120.5,     363.3,       0.0);         ( 503272.0,
3632975.9,     120.8,     363.3,       0.0);
     ( 503322.0, 3632975.9,     121.7,     363.3,       0.0);         ( 503372.0,
3632975.9,     122.3,     363.3,       0.0);
     ( 503422.0, 3632975.9,     125.5,     363.3,       0.0);         ( 503472.0,
3632975.9,     127.5,     363.3,       0.0);
     ( 503622.0, 3632975.9,     137.2,     363.3,       0.0);         ( 503672.0,
3632975.9,     141.7,     363.3,       0.0);
     ( 503722.0, 3632975.9,     146.8,     363.3,       0.0);         ( 503772.0,
3632975.9,     154.2,     363.3,       0.0);
     ( 503822.0, 3632975.9,     174.0,     363.3,       0.0);         ( 503872.0,
3632975.9,     198.6,     360.8,       0.0);
     ( 503922.0, 3632975.9,     212.6,     338.4,       0.0);         ( 503972.0,
3632975.9,     218.4,     338.4,       0.0);
     ( 504022.0, 3632975.9,     229.3,     337.2,       0.0);         ( 504072.0,
3632975.9,     230.7,     337.5,       0.0);
     ( 504122.0, 3632975.9,     246.7,     329.9,       0.0);         ( 504172.0,
3632975.9,     248.2,     335.8,       0.0);
     ( 504222.0, 3632975.9,     252.1,     336.5,       0.0);         ( 504272.0,
3632975.9,     252.2,     337.2,       0.0);
     ( 504322.0, 3632975.9,     253.4,     338.4,       0.0);         ( 504372.0,
3632975.9,     266.4,     336.5,       0.0);
     ( 504422.0, 3632975.9,     272.5,     335.8,       0.0);         ( 504472.0,
3632975.9,     274.5,     336.5,       0.0);
     ( 504522.0, 3632975.9,     272.2,     338.4,       0.0);         ( 504572.0,
3632975.9,     274.9,     338.6,       0.0);
     ( 504622.0, 3632975.9,     281.7,     338.4,       0.0);         ( 504672.0,
3632975.9,     286.3,     337.8,       0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 504722.0, 3632975.9, 287.5, 338.6, 0.0); ( 504772.0, 3632975.9, 290.1, 338.6, 0.0);
( 504822.0, 3632975.9, 304.8, 337.2, 0.0); ( 504872.0, 3632975.9, 316.5, 335.8, 0.0);
( 504922.0, 3632975.9, 318.4, 336.5, 0.0); ( 504972.0, 3632975.9, 321.0, 336.5, 0.0);
( 505022.0, 3632975.9, 332.2, 333.6, 0.0); ( 505072.0, 3632975.9, 332.3, 334.2, 0.0);
( 505122.0, 3632975.9, 312.8, 338.7, 0.0); ( 505172.0, 3632975.9, 288.7, 363.3, 0.0);
( 505222.0, 3632975.9, 272.2, 363.3, 0.0); ( 502222.0, 3633025.9, 104.8, 104.8, 0.0);
( 502272.0, 3633025.9, 106.9, 106.9, 0.0); ( 502322.0, 3633025.9, 106.6, 106.6, 0.0);
( 502372.0, 3633025.9, 107.2, 107.2, 0.0); ( 502422.0, 3633025.9, 107.8, 169.3, 0.0);
( 502472.0, 3633025.9, 107.7, 169.3, 0.0); ( 502522.0, 3633025.9, 108.1, 318.9, 0.0);
( 502572.0, 3633025.9, 108.7, 318.9, 0.0); ( 502622.0, 3633025.9, 109.6, 318.9, 0.0);
( 502672.0, 3633025.9, 110.2, 318.9, 0.0); ( 502722.0, 3633025.9, 111.1, 328.1, 0.0);
( 502772.0, 3633025.9, 112.3, 329.9, 0.0); ( 502822.0, 3633025.9, 116.4, 329.9, 0.0);
( 502872.0, 3633025.9, 119.3, 335.8, 0.0); ( 502922.0, 3633025.9, 122.9, 335.8, 0.0);
( 502972.0, 3633025.9, 151.8, 318.9, 0.0); ( 503022.0, 3633025.9, 146.4, 318.9, 0.0);
( 503072.0, 3633025.9, 130.5, 337.5, 0.0); ( 503122.0, 3633025.9, 122.3, 362.2, 0.0);
( 503172.0, 3633025.9, 120.5, 363.3, 0.0); ( 503222.0, 3633025.9, 118.9, 363.3, 0.0);
( 503272.0, 3633025.9, 119.7, 363.3, 0.0); ( 503322.0, 3633025.9, 120.1, 363.3, 0.0);
( 503372.0, 3633025.9, 121.9, 363.3, 0.0); ( 503422.0, 3633025.9, 127.2, 363.3, 0.0);
( 503472.0, 3633025.9, 127.4, 363.3, 0.0); ( 503622.0, 3633025.9, 138.6, 363.3, 0.0);
( 503672.0, 3633025.9, 141.9, 363.3, 0.0); ( 503722.0, 3633025.9, 144.9, 363.3, 0.0);
( 503772.0, 3633025.9, 160.9, 363.3, 0.0); ( 503822.0, 3633025.9, 182.7, 363.3, 0.0);
( 503872.0, 3633025.9, 204.8, 338.6, 0.0); ( 503922.0, 3633025.9, 218.2, 337.2, 0.0);
( 503972.0, 3633025.9, 226.2, 336.5, 0.0); ( 504022.0,

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3633025.9,     234.3,     333.3,       0.0);
     ( 504072.0, 3633025.9,     243.6,     329.3,       0.0);         ( 504122.0,
3633025.9,     251.0,     328.1,       0.0);
     ( 504172.0, 3633025.9,     254.1,     329.3,       0.0);         ( 504222.0,
3633025.9,     253.2,     335.8,       0.0);
     ( 504272.0, 3633025.9,     254.0,     336.5,       0.0);         ( 504322.0,
3633025.9,     255.5,     337.2,       0.0);
     ( 504372.0, 3633025.9,     267.6,     335.8,       0.0);         ( 504422.0,
3633025.9,     274.4,     333.3,       0.0);
     ( 504472.0, 3633025.9,     276.2,     335.8,       0.0);         ( 504522.0,
3633025.9,     284.5,     331.0,       0.0);
     ( 504572.0, 3633025.9,     292.8,     329.3,       0.0);         ( 504622.0,
3633025.9,     299.3,     329.3,       0.0);
     ( 504672.0, 3633025.9,     301.5,     329.3,       0.0);         ( 504722.0,
3633025.9,     301.3,     335.8,       0.0);
     ( 504772.0, 3633025.9,     299.9,     336.9,       0.0);         ( 504822.0,
3633025.9,     307.1,     336.5,       0.0);
     ( 504872.0, 3633025.9,     300.6,     337.8,       0.0);         ( 504922.0,
3633025.9,     297.0,     338.7,       0.0);
     ( 504972.0, 3633025.9,     302.8,     338.6,       0.0);         ( 505022.0,
3633025.9,     320.4,     336.0,       0.0);
     ( 505072.0, 3633025.9,     323.8,     336.0,       0.0);         ( 505122.0,
3633025.9,     305.1,     338.7,       0.0);
     ( 505172.0, 3633025.9,     281.2,     363.3,       0.0);         ( 505222.0,
3633025.9,     258.8,     363.3,       0.0);
     ( 502222.0, 3633075.9,     105.0,     105.0,       0.0);         ( 502272.0,
3633075.9,     106.7,     106.7,       0.0);
     ( 502322.0, 3633075.9,     106.9,     106.9,       0.0);         ( 502372.0,
3633075.9,     107.2,     107.2,       0.0);
     ( 502422.0, 3633075.9,     107.6,     169.3,       0.0);         ( 502472.0,
3633075.9,     107.2,     169.3,       0.0);
     ( 502522.0, 3633075.9,     107.7,     318.9,       0.0);         ( 502572.0,
3633075.9,     108.6,     318.9,       0.0);
     ( 502622.0, 3633075.9,     109.3,     318.9,       0.0);         ( 502672.0,
3633075.9,     109.4,     318.9,       0.0);
     ( 502722.0, 3633075.9,     110.8,     328.1,       0.0);         ( 502772.0,
3633075.9,     111.5,     329.9,       0.0);
     ( 502822.0, 3633075.9,     114.8,     331.0,       0.0);         ( 502872.0,
3633075.9,     116.9,     335.8,       0.0);
     ( 502922.0, 3633075.9,     119.5,     336.5,       0.0);         ( 502972.0,
3633075.9,     126.2,     336.5,       0.0);
     ( 503022.0, 3633075.9,     124.1,     338.4,       0.0);         ( 503072.0,
3633075.9,     123.1,     338.6,       0.0);
     ( 503122.0, 3633075.9,     120.4,     363.3,       0.0);         ( 503172.0,
3633075.9,     119.1,     363.3,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503222.0, 3633075.9, 117.3, 363.3, 0.0); ( 503272.0, 3633075.9, 118.8, 363.3, 0.0);
( 503322.0, 3633075.9, 120.1, 363.3, 0.0); ( 503372.0, 3633075.9, 122.1, 363.3, 0.0);
( 503422.0, 3633075.9, 126.9, 363.3, 0.0); ( 503472.0, 3633075.9, 127.2, 363.3, 0.0);
( 503622.0, 3633075.9, 139.7, 363.3, 0.0); ( 503672.0, 3633075.9, 144.3, 363.3, 0.0);
( 503722.0, 3633075.9, 148.0, 363.3, 0.0); ( 503772.0, 3633075.9, 164.9, 363.3, 0.0);
( 503822.0, 3633075.9, 189.2, 360.8, 0.0); ( 503872.0, 3633075.9, 213.6, 336.5, 0.0);
( 503922.0, 3633075.9, 221.3, 335.8, 0.0); ( 503972.0, 3633075.9, 223.8, 336.5, 0.0);
( 504022.0, 3633075.9, 235.4, 329.9, 0.0); ( 504072.0, 3633075.9, 244.1, 329.3, 0.0);
( 504122.0, 3633075.9, 250.4, 328.1, 0.0); ( 504172.0, 3633075.9, 253.3, 329.3, 0.0);
( 504222.0, 3633075.9, 253.3, 333.3, 0.0); ( 504272.0, 3633075.9, 253.6, 336.5, 0.0);
( 504322.0, 3633075.9, 251.6, 337.5, 0.0); ( 504372.0, 3633075.9, 265.5, 335.8, 0.0);
( 504422.0, 3633075.9, 268.4, 336.5, 0.0); ( 504472.0, 3633075.9, 280.1, 329.9, 0.0);
( 504522.0, 3633075.9, 295.0, 318.9, 0.0); ( 504572.0, 3633075.9, 306.4, 318.9, 0.0);
( 504622.0, 3633075.9, 316.2, 316.2, 0.0); ( 504672.0, 3633075.9, 316.2, 316.2, 0.0);
( 504722.0, 3633075.9, 313.6, 317.4, 0.0); ( 504772.0, 3633075.9, 304.6, 333.6, 0.0);
( 504822.0, 3633075.9, 299.1, 336.9, 0.0); ( 504872.0, 3633075.9, 286.8, 338.7, 0.0);
( 504922.0, 3633075.9, 274.0, 362.2, 0.0); ( 504972.0, 3633075.9, 285.5, 338.7, 0.0);
( 505022.0, 3633075.9, 303.1, 338.1, 0.0); ( 505072.0, 3633075.9, 311.9, 337.0, 0.0);
( 505122.0, 3633075.9, 299.4, 338.7, 0.0); ( 505172.0, 3633075.9, 275.2, 363.3, 0.0);
( 505222.0, 3633075.9, 255.3, 363.3, 0.0); ( 502222.0, 3633125.9, 105.9, 105.9, 0.0);
( 502272.0, 3633125.9, 106.5, 106.5, 0.0); ( 502322.0, 3633125.9, 106.7, 106.7, 0.0);
( 502372.0, 3633125.9, 106.9, 106.9, 0.0); ( 502422.0,

```
3633125.9,     107.4,     107.4,       0.0);
     ( 502472.0, 3633125.9,     107.3,     169.3,       0.0);         ( 502522.0,
3633125.9,     107.7,     318.9,       0.0);
     ( 502572.0, 3633125.9,     108.1,     318.9,       0.0);         ( 502622.0,
3633125.9,     108.6,     318.9,       0.0);
     ( 502672.0, 3633125.9,     109.6,     318.9,       0.0);         ( 502722.0,
3633125.9,     110.1,     329.3,       0.0);
     ( 502772.0, 3633125.9,     111.7,     329.9,       0.0);         ( 502822.0,
3633125.9,     112.6,     335.8,       0.0);
     ( 502872.0, 3633125.9,     115.2,     336.5,       0.0);         ( 502922.0,
3633125.9,     116.4,     337.2,       0.0);
     ( 502972.0, 3633125.9,     119.2,     337.5,       0.0);         ( 503022.0,
3633125.9,     120.9,     338.6,       0.0);
     ( 503072.0, 3633125.9,     119.7,     338.6,       0.0);         ( 503122.0,
3633125.9,     118.6,     363.3,       0.0);
     ( 503172.0, 3633125.9,     117.4,     363.3,       0.0);         ( 503222.0,
3633125.9,     116.9,     363.3,       0.0);
     ( 503272.0, 3633125.9,     117.8,     363.3,       0.0);         ( 503322.0,
3633125.9,     118.4,     363.3,       0.0);
     ( 503372.0, 3633125.9,     121.5,     363.3,       0.0);         ( 503422.0,
3633125.9,     126.8,     363.3,       0.0);
     ( 503472.0, 3633125.9,     127.1,     363.3,       0.0);         ( 503622.0,
3633125.9,     141.3,     363.3,       0.0);
     ( 503672.0, 3633125.9,     147.8,     363.3,       0.0);         ( 503722.0,
3633125.9,     151.9,     363.3,       0.0);
     ( 503772.0, 3633125.9,     173.5,     363.3,       0.0);         ( 503822.0,
3633125.9,     195.8,     338.6,       0.0);
     ( 503872.0, 3633125.9,     215.7,     335.8,       0.0);         ( 503922.0,
3633125.9,     221.0,     335.8,       0.0);
     ( 503972.0, 3633125.9,     223.1,     336.5,       0.0);         ( 504022.0,
3633125.9,     240.2,     328.1,       0.0);
     ( 504072.0, 3633125.9,     243.6,     329.3,       0.0);         ( 504122.0,
3633125.9,     244.4,     329.9,       0.0);
     ( 504172.0, 3633125.9,     246.0,     335.8,       0.0);         ( 504222.0,
3633125.9,     247.2,     336.5,       0.0);
     ( 504272.0, 3633125.9,     246.4,     337.5,       0.0);         ( 504322.0,
3633125.9,     248.9,     337.5,       0.0);
     ( 504372.0, 3633125.9,     254.3,     337.5,       0.0);         ( 504422.0,
3633125.9,     258.3,     337.5,       0.0);
     ( 504472.0, 3633125.9,     275.0,     335.8,       0.0);         ( 504522.0,
3633125.9,     295.1,     318.9,       0.0);
     ( 504572.0, 3633125.9,     312.2,     318.9,       0.0);         ( 504622.0,
3633125.9,     315.9,     318.9,       0.0);
     ( 504672.0, 3633125.9,     311.2,     318.9,       0.0);         ( 504722.0,
3633125.9,     308.9,     318.3,       0.0);
     ( 504772.0, 3633125.9,     301.1,     334.2,       0.0);         ( 504822.0,
3633125.9,     291.8,     337.8,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 504872.0, 3633125.9, 273.5, 338.7, 0.0); ( 504922.0, 3633125.9, 252.5, 363.3, 0.0);
( 504972.0, 3633125.9, 263.1, 363.3, 0.0); ( 505022.0, 3633125.9, 285.6, 338.7, 0.0);
( 505072.0, 3633125.9, 308.2, 337.0, 0.0); ( 505122.0, 3633125.9, 295.4, 338.7, 0.0);
( 505172.0, 3633125.9, 272.3, 363.3, 0.0); ( 505222.0, 3633125.9, 249.6, 363.3, 0.0);
( 502222.0, 3633175.9, 105.7, 105.7, 0.0); ( 502272.0, 3633175.9, 105.8, 105.8, 0.0);
( 502322.0, 3633175.9, 106.0, 106.0, 0.0); ( 502372.0, 3633175.9, 107.2, 107.2, 0.0);
( 502422.0, 3633175.9, 108.0, 108.0, 0.0); ( 502472.0, 3633175.9, 107.9, 169.3, 0.0);
( 502522.0, 3633175.9, 108.3, 318.9, 0.0); ( 502572.0, 3633175.9, 108.8, 318.9, 0.0);
( 502622.0, 3633175.9, 109.4, 318.9, 0.0); ( 502672.0, 3633175.9, 110.4, 318.9, 0.0);
( 502722.0, 3633175.9, 112.3, 318.9, 0.0); ( 502772.0, 3633175.9, 113.5, 329.3, 0.0);
( 502822.0, 3633175.9, 114.8, 329.9, 0.0); ( 502872.0, 3633175.9, 113.8, 336.5, 0.0);
( 502922.0, 3633175.9, 115.0, 337.2, 0.0); ( 502972.0, 3633175.9, 115.3, 338.4, 0.0);
( 503022.0, 3633175.9, 116.5, 338.6, 0.0); ( 503072.0, 3633175.9, 116.3, 360.8, 0.0);
( 503122.0, 3633175.9, 116.9, 363.3, 0.0); ( 503172.0, 3633175.9, 115.9, 363.3, 0.0);
( 503222.0, 3633175.9, 117.0, 363.3, 0.0); ( 503272.0, 3633175.9, 118.1, 363.3, 0.0);
( 503322.0, 3633175.9, 118.5, 363.3, 0.0); ( 503372.0, 3633175.9, 121.8, 363.3, 0.0);
( 503422.0, 3633175.9, 126.0, 363.3, 0.0); ( 503472.0, 3633175.9, 127.7, 363.3, 0.0);
( 503622.0, 3633175.9, 146.4, 363.3, 0.0); ( 503672.0, 3633175.9, 149.1, 363.3, 0.0);
( 503722.0, 3633175.9, 159.8, 363.3, 0.0); ( 503772.0, 3633175.9, 182.0, 338.7, 0.0);
( 503822.0, 3633175.9, 202.9, 337.2, 0.0); ( 503872.0, 3633175.9, 219.0, 329.9, 0.0);
( 503922.0, 3633175.9, 219.4, 335.8, 0.0); ( 503972.0,

3633175.9,     221.7,     336.5,       0.0);
     ( 504022.0, 3633175.9,     238.8,     328.1,       0.0);         ( 504072.0,
3633175.9,     239.8,     329.3,       0.0);
     ( 504122.0, 3633175.9,     236.5,     336.5,       0.0);         ( 504172.0,
3633175.9,     231.6,     338.4,       0.0);
     ( 504222.0, 3633175.9,     235.1,     338.4,       0.0);         ( 504272.0,
3633175.9,     238.0,     338.6,       0.0);
     ( 504322.0, 3633175.9,     240.9,     338.6,       0.0);         ( 504372.0,
3633175.9,     235.6,     338.7,       0.0);
     ( 504422.0, 3633175.9,     247.7,     338.6,       0.0);         ( 504472.0,
3633175.9,     268.1,     336.5,       0.0);
     ( 504522.0, 3633175.9,     291.4,     318.9,       0.0);         ( 504572.0,
3633175.9,     307.5,     318.9,       0.0);
     ( 504622.0, 3633175.9,     301.2,     318.9,       0.0);         ( 504672.0,
3633175.9,     290.2,     334.2,       0.0);
     ( 504722.0, 3633175.9,     287.6,     336.5,       0.0);         ( 504772.0,
3633175.9,     283.6,     337.8,       0.0);
     ( 504822.0, 3633175.9,     278.8,     338.7,       0.0);         ( 504872.0,
3633175.9,     260.7,     362.2,       0.0);
     ( 504922.0, 3633175.9,     237.8,     363.3,       0.0);         ( 504972.0,
3633175.9,     255.4,     363.3,       0.0);
     ( 505022.0, 3633175.9,     283.1,     338.7,       0.0);         ( 505072.0,
3633175.9,     297.9,     338.0,       0.0);
     ( 505122.0, 3633175.9,     287.4,     338.7,       0.0);         ( 505172.0,
3633175.9,     269.0,     363.3,       0.0);
     ( 505222.0, 3633175.9,     250.2,     363.3,       0.0);         ( 502222.0,
3633225.9,     105.8,     105.8,       0.0);
     ( 502272.0, 3633225.9,     106.3,     106.3,       0.0);         ( 502322.0,
3633225.9,     106.3,     106.3,       0.0);
     ( 502372.0, 3633225.9,     107.7,     107.7,       0.0);         ( 502422.0,
3633225.9,     108.2,     108.2,       0.0);
     ( 502472.0, 3633225.9,     107.6,     107.6,       0.0);         ( 502522.0,
3633225.9,     108.2,     318.9,       0.0);
     ( 502572.0, 3633225.9,     108.6,     318.9,       0.0);         ( 502622.0,
3633225.9,     109.4,     318.9,       0.0);
     ( 502672.0, 3633225.9,     110.3,     318.9,       0.0);         ( 502722.0,
3633225.9,     112.5,     318.9,       0.0);
     ( 502772.0, 3633225.9,     112.7,     329.3,       0.0);         ( 502822.0,
3633225.9,     113.9,     329.9,       0.0);
     ( 502872.0, 3633225.9,     114.3,     336.5,       0.0);         ( 502922.0,
3633225.9,     114.2,     337.2,       0.0);
     ( 502972.0, 3633225.9,     114.1,     338.6,       0.0);         ( 503022.0,
3633225.9,     114.8,     338.6,       0.0);
     ( 503072.0, 3633225.9,     114.8,     360.8,       0.0);         ( 503122.0,
3633225.9,     114.5,     363.3,       0.0);
     ( 503172.0, 3633225.9,     115.3,     363.3,       0.0);         ( 503222.0,
3633225.9,     116.5,     363.3,       0.0);
     ( 503272.0, 3633225.9,     117.5,     363.3,       0.0);         ( 503322.0,
3633225.9,     119.2,     363.3,       0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503372.0, 3633225.9, 123.2, 363.3, 0.0); ( 503422.0, 3633225.9, 125.7, 363.3, 0.0);
( 503472.0, 3633225.9, 129.2, 363.3, 0.0); ( 503622.0, 3633225.9, 146.1, 363.3, 0.0);
( 503672.0, 3633225.9, 151.9, 363.3, 0.0); ( 503722.0, 3633225.9, 165.6, 363.3, 0.0);
( 503772.0, 3633225.9, 183.5, 338.7, 0.0); ( 503822.0, 3633225.9, 207.5, 336.5, 0.0);
( 503872.0, 3633225.9, 216.3, 333.3, 0.0); ( 503922.0, 3633225.9, 219.3, 335.8, 0.0);
( 503972.0, 3633225.9, 219.8, 336.5, 0.0); ( 504022.0, 3633225.9, 225.4, 336.5, 0.0);
( 504072.0, 3633225.9, 225.0, 337.2, 0.0); ( 504122.0, 3633225.9, 221.0, 338.6, 0.0);
( 504172.0, 3633225.9, 219.4, 338.7, 0.0); ( 504222.0, 3633225.9, 232.5, 338.6, 0.0);
( 504272.0, 3633225.9, 234.6, 338.6, 0.0); ( 504322.0, 3633225.9, 226.7, 338.7, 0.0);
( 504372.0, 3633225.9, 222.8, 363.3, 0.0); ( 504422.0, 3633225.9, 237.8, 338.7, 0.0);
( 504472.0, 3633225.9, 255.9, 337.8, 0.0); ( 504522.0, 3633225.9, 276.0, 333.6, 0.0);
( 504572.0, 3633225.9, 286.0, 318.9, 0.0); ( 504622.0, 3633225.9, 279.0, 336.5, 0.0);
( 504672.0, 3633225.9, 264.0, 338.7, 0.0); ( 504722.0, 3633225.9, 259.5, 338.7, 0.0);
( 504772.0, 3633225.9, 262.6, 338.7, 0.0); ( 504822.0, 3633225.9, 251.0, 363.3, 0.0);
( 504872.0, 3633225.9, 243.8, 363.3, 0.0); ( 504922.0, 3633225.9, 228.8, 363.3, 0.0);
( 504972.0, 3633225.9, 243.7, 363.3, 0.0); ( 505022.0, 3633225.9, 264.9, 362.2, 0.0);
( 505072.0, 3633225.9, 271.1, 338.7, 0.0); ( 505122.0, 3633225.9, 272.2, 352.4, 0.0);
( 505172.0, 3633225.9, 273.7, 352.4, 0.0); ( 505222.0, 3633225.9, 256.1, 363.3, 0.0);
( 502222.0, 3633275.9, 105.6, 105.6, 0.0); ( 502272.0, 3633275.9, 106.0, 106.0, 0.0);
( 502322.0, 3633275.9, 107.0, 107.0, 0.0); ( 502372.0,

3633275.9,     107.7,     107.7,       0.0);
     ( 502422.0, 3633275.9,     107.8,     107.8,       0.0);         ( 502472.0,
3633275.9,     108.1,     108.1,       0.0);
     ( 502522.0, 3633275.9,     108.5,     318.9,       0.0);         ( 502572.0,
3633275.9,     108.8,     318.9,       0.0);
     ( 502622.0, 3633275.9,     109.7,     318.9,       0.0);         ( 502672.0,
3633275.9,     110.3,     318.9,       0.0);
     ( 502722.0, 3633275.9,     111.0,     318.9,       0.0);         ( 502772.0,
3633275.9,     112.7,     329.3,       0.0);
     ( 502822.0, 3633275.9,     116.4,     329.3,       0.0);         ( 502872.0,
3633275.9,     114.3,     335.8,       0.0);
     ( 502922.0, 3633275.9,     113.5,     337.2,       0.0);         ( 502972.0,
3633275.9,     113.5,     338.4,       0.0);
     ( 503022.0, 3633275.9,     114.3,     338.6,       0.0);         ( 503072.0,
3633275.9,     114.0,     338.7,       0.0);
     ( 503122.0, 3633275.9,     113.5,     363.3,       0.0);         ( 503172.0,
3633275.9,     114.0,     363.3,       0.0);
     ( 503222.0, 3633275.9,     115.4,     363.3,       0.0);         ( 503272.0,
3633275.9,     118.3,     363.3,       0.0);
     ( 503322.0, 3633275.9,     119.3,     363.3,       0.0);         ( 503372.0,
3633275.9,     122.8,     363.3,       0.0);
     ( 503422.0, 3633275.9,     126.2,     363.3,       0.0);         ( 503472.0,
3633275.9,     147.4,     362.2,       0.0);
     ( 503622.0, 3633275.9,     151.0,     363.3,       0.0);         ( 503672.0,
3633275.9,     156.6,     363.3,       0.0);
     ( 503722.0, 3633275.9,     172.1,     360.8,       0.0);         ( 503772.0,
3633275.9,     190.1,     338.4,       0.0);
     ( 503822.0, 3633275.9,     212.1,     329.9,       0.0);         ( 503872.0,
3633275.9,     215.9,     329.9,       0.0);
     ( 503922.0, 3633275.9,     212.6,     336.5,       0.0);         ( 503972.0,
3633275.9,     202.9,     338.6,       0.0);
     ( 504022.0, 3633275.9,     205.9,     338.7,       0.0);         ( 504072.0,
3633275.9,     210.8,     338.7,       0.0);
     ( 504122.0, 3633275.9,     205.6,     360.8,       0.0);         ( 504172.0,
3633275.9,     212.9,     338.7,       0.0);
     ( 504222.0, 3633275.9,     224.2,     338.7,       0.0);         ( 504272.0,
3633275.9,     225.0,     338.7,       0.0);
     ( 504322.0, 3633275.9,     213.8,     363.3,       0.0);         ( 504372.0,
3633275.9,     206.8,     363.3,       0.0);
     ( 504422.0, 3633275.9,     220.8,     363.3,       0.0);         ( 504472.0,
3633275.9,     239.2,     338.7,       0.0);
     ( 504522.0, 3633275.9,     256.8,     337.8,       0.0);         ( 504572.0,
3633275.9,     262.4,     337.8,       0.0);
     ( 504622.0, 3633275.9,     253.7,     338.7,       0.0);         ( 504672.0,
3633275.9,     240.9,     362.2,       0.0);
     ( 504722.0, 3633275.9,     242.2,     363.3,       0.0);         ( 504772.0,
3633275.9,     259.1,     338.7,       0.0);
     ( 504822.0, 3633275.9,     244.7,     363.3,       0.0);         ( 504872.0,
3633275.9,     229.5,     363.3,       0.0);
     ( 504922.0, 3633275.9,     218.0,     363.3,       0.0);         ( 504972.0,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     ( 505022.0, 3633275.9,     241.2,     363.3,       0.0);         ( 505072.0, 3633275.9,     243.4,     363.3,       0.0);
     ( 505122.0, 3633275.9,     250.5,     363.3,       0.0);         ( 505172.0, 3633275.9,     268.6,     352.4,       0.0);
     ( 505222.0, 3633275.9,     256.1,     363.3,       0.0);         ( 502222.0, 3633325.9,     105.7,     105.7,       0.0);
     ( 502272.0, 3633325.9,     106.3,     106.3,       0.0);         ( 502322.0, 3633325.9,     107.0,     107.0,       0.0);
     ( 502372.0, 3633325.9,     107.4,     107.4,       0.0);         ( 502422.0, 3633325.9,     107.7,     107.7,       0.0);
     ( 502472.0, 3633325.9,     107.6,     107.6,       0.0);         ( 502522.0, 3633325.9,     108.3,     318.9,       0.0);
     ( 502572.0, 3633325.9,     108.8,     318.9,       0.0);         ( 502622.0, 3633325.9,     109.5,     318.9,       0.0);
     ( 502672.0, 3633325.9,     110.2,     318.9,       0.0);         ( 502722.0, 3633325.9,     110.9,     318.9,       0.0);
     ( 502772.0, 3633325.9,     113.2,     328.1,       0.0);         ( 502822.0, 3633325.9,     113.9,     329.9,       0.0);
     ( 502872.0, 3633325.9,     112.5,     336.5,       0.0);         ( 502922.0, 3633325.9,     112.7,     337.2,       0.0);
     ( 502972.0, 3633325.9,     113.1,     338.4,       0.0);         ( 503022.0, 3633325.9,     113.4,     338.6,       0.0);
     ( 503072.0, 3633325.9,     113.1,     338.7,       0.0);         ( 503122.0, 3633325.9,     112.8,     362.2,       0.0);
     ( 503172.0, 3633325.9,     113.0,     363.3,       0.0);         ( 503222.0, 3633325.9,     113.6,     363.3,       0.0);
     ( 503272.0, 3633325.9,     118.6,     363.3,       0.0);         ( 503322.0, 3633325.9,     119.8,     363.3,       0.0);
     ( 503372.0, 3633325.9,     123.5,     363.3,       0.0);         ( 503422.0, 3633325.9,     135.8,     363.3,       0.0);
     ( 503472.0, 3633325.9,     157.7,     338.6,       0.0);         ( 503622.0, 3633325.9,     156.3,     363.3,       0.0);
     ( 503672.0, 3633325.9,     162.7,     362.2,       0.0);         ( 503722.0, 3633325.9,     181.6,     338.6,       0.0);
     ( 503772.0, 3633325.9,     192.6,     337.2,       0.0);         ( 503822.0, 3633325.9,     207.5,     333.6,       0.0);
     ( 503872.0, 3633325.9,     212.5,     333.6,       0.0);         ( 503922.0,

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3633325.9,     198.5,     338.6,       0.0);
     ( 503972.0, 3633325.9,     186.0,     362.2,       0.0);         ( 504022.0,
3633325.9,     190.6,     362.2,       0.0);
     ( 504072.0, 3633325.9,     197.6,     360.8,       0.0);         ( 504122.0,
3633325.9,     191.2,     363.3,       0.0);
     ( 504172.0, 3633325.9,     205.1,     360.8,       0.0);         ( 504222.0,
3633325.9,     217.2,     338.7,       0.0);
     ( 504272.0, 3633325.9,     211.8,     362.2,       0.0);         ( 504322.0,
3633325.9,     197.3,     363.3,       0.0);
     ( 504372.0, 3633325.9,     193.0,     363.3,       0.0);         ( 504422.0,
3633325.9,     206.7,     363.3,       0.0);
     ( 504472.0, 3633325.9,     224.0,     362.2,       0.0);         ( 504522.0,
3633325.9,     239.8,     338.7,       0.0);
     ( 504572.0, 3633325.9,     240.9,     338.7,       0.0);         ( 504622.0,
3633325.9,     232.9,     363.3,       0.0);
     ( 504672.0, 3633325.9,     222.1,     363.3,       0.0);         ( 504722.0,
3633325.9,     227.6,     363.3,       0.0);
     ( 504772.0, 3633325.9,     244.2,     362.2,       0.0);         ( 504822.0,
3633325.9,     239.5,     363.3,       0.0);
     ( 504872.0, 3633325.9,     215.9,     363.3,       0.0);         ( 504922.0,
3633325.9,     206.4,     363.3,       0.0);
     ( 504972.0, 3633325.9,     213.4,     363.3,       0.0);         ( 505022.0,
3633325.9,     219.5,     363.3,       0.0);
     ( 505072.0, 3633325.9,     220.5,     363.3,       0.0);         ( 505122.0,
3633325.9,     240.8,     363.3,       0.0);
     ( 505172.0, 3633325.9,     258.5,     362.2,       0.0);         ( 505222.0,
3633325.9,     244.6,     363.3,       0.0);
     ( 502222.0, 3633375.9,     106.2,     106.2,       0.0);         ( 502272.0,
3633375.9,     106.5,     106.5,       0.0);
     ( 502322.0, 3633375.9,     106.7,     106.7,       0.0);         ( 502372.0,
3633375.9,     107.0,     107.0,       0.0);
     ( 502422.0, 3633375.9,     107.3,     107.3,       0.0);         ( 502472.0,
3633375.9,     107.6,     107.6,       0.0);
     ( 502522.0, 3633375.9,     108.1,     317.2,       0.0);         ( 502572.0,
3633375.9,     108.7,     318.9,       0.0);
     ( 502622.0, 3633375.9,     109.3,     318.9,       0.0);         ( 502672.0,
3633375.9,     109.9,     318.9,       0.0);
     ( 502722.0, 3633375.9,     110.6,     318.9,       0.0);         ( 502772.0,
3633375.9,     111.3,     329.3,       0.0);
     ( 502822.0, 3633375.9,     111.8,     329.9,       0.0);         ( 502872.0,
3633375.9,     111.8,     336.5,       0.0);
     ( 502922.0, 3633375.9,     112.1,     337.2,       0.0);         ( 502972.0,
3633375.9,     112.4,     338.4,       0.0);
     ( 503022.0, 3633375.9,     112.7,     338.6,       0.0);         ( 503072.0,
3633375.9,     112.5,     338.7,       0.0);
     ( 503122.0, 3633375.9,     112.3,     360.8,       0.0);         ( 503172.0,
3633375.9,     112.4,     363.3,       0.0);
     ( 503222.0, 3633375.9,     113.1,     363.3,       0.0);         ( 503272.0,
3633375.9,     113.5,     363.3,       0.0);
     ( 503322.0, 3633375.9,     116.2,     363.3,       0.0);         ( 503372.0,
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3633375.9,     123.1,     363.3,       0.0);
     ( 503422.0, 3633375.9,     143.3,     338.7,       0.0);         ( 503472.0,
3633375.9,     146.7,     338.7,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 503622.0, 3633375.9,     152.7,     363.3,       0.0);         ( 503672.0,
3633375.9,     161.6,     360.8,       0.0);
     ( 503722.0, 3633375.9,     176.8,     338.6,       0.0);         ( 503772.0,
3633375.9,     184.3,     338.6,       0.0);
     ( 503822.0, 3633375.9,     185.9,     338.6,       0.0);         ( 503872.0,
3633375.9,     194.3,     338.6,       0.0);
     ( 503922.0, 3633375.9,     183.8,     360.8,       0.0);         ( 503972.0,
3633375.9,     173.1,     363.3,       0.0);
     ( 504022.0, 3633375.9,     179.6,     363.3,       0.0);         ( 504072.0,
3633375.9,     186.6,     363.3,       0.0);
     ( 504122.0, 3633375.9,     180.4,     363.3,       0.0);         ( 504172.0,
3633375.9,     198.7,     363.3,       0.0);
     ( 504222.0, 3633375.9,     202.8,     362.2,       0.0);         ( 504272.0,
3633375.9,     192.8,     363.3,       0.0);
     ( 504322.0, 3633375.9,     182.1,     363.3,       0.0);         ( 504372.0,
3633375.9,     180.2,     363.3,       0.0);
     ( 504422.0, 3633375.9,     195.5,     363.3,       0.0);         ( 504472.0,
3633375.9,     213.4,     363.3,       0.0);
     ( 504522.0, 3633375.9,     227.7,     360.8,       0.0);         ( 504572.0,
3633375.9,     223.4,     363.3,       0.0);
     ( 504622.0, 3633375.9,     215.6,     363.3,       0.0);         ( 504672.0,
3633375.9,     205.4,     363.3,       0.0);
     ( 504722.0, 3633375.9,     215.3,     363.3,       0.0);         ( 504772.0,
3633375.9,     230.3,     363.3,       0.0);
     ( 504822.0, 3633375.9,     223.0,     363.3,       0.0);         ( 504872.0,
3633375.9,     199.1,     363.3,       0.0);
     ( 504922.0, 3633375.9,     196.3,     363.3,       0.0);         ( 504972.0,
3633375.9,     199.2,     363.3,       0.0);
     ( 505022.0, 3633375.9,     203.7,     363.3,       0.0);         ( 505072.0,
3633375.9,     216.9,     363.3,       0.0);
     ( 505122.0, 3633375.9,     237.4,     363.3,       0.0);         ( 505172.0,
3633375.9,     247.7,     363.3,       0.0);
     ( 505222.0, 3633375.9,     230.3,     363.3,       0.0);         ( 502222.0,
3633425.9,     105.7,     105.7,       0.0);
     ( 502272.0, 3633425.9,     105.6,     105.6,       0.0);         ( 502322.0,

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3633425.9,     105.5,     105.5,       0.0);
     ( 502372.0, 3633425.9,     105.7,     105.7,       0.0);         ( 502422.0,
3633425.9,     106.3,     106.3,       0.0);
     ( 502472.0, 3633425.9,     108.2,     108.2,       0.0);         ( 502522.0,
3633425.9,     108.4,     108.4,       0.0);
     ( 502572.0, 3633425.9,     108.6,     318.9,       0.0);         ( 502622.0,
3633425.9,     109.1,     318.9,       0.0);
     ( 502672.0, 3633425.9,     109.2,     318.9,       0.0);         ( 502722.0,
3633425.9,     109.5,     318.9,       0.0);
     ( 502772.0, 3633425.9,     110.0,     329.3,       0.0);         ( 502822.0,
3633425.9,     110.3,     329.9,       0.0);
     ( 502872.0, 3633425.9,     110.7,     335.8,       0.0);         ( 502922.0,
3633425.9,     111.5,     337.2,       0.0);
     ( 502972.0, 3633425.9,     111.8,     337.5,       0.0);         ( 503022.0,
3633425.9,     111.7,     338.6,       0.0);
     ( 503072.0, 3633425.9,     112.0,     338.7,       0.0);         ( 503122.0,
3633425.9,     111.4,     360.8,       0.0);
     ( 503172.0, 3633425.9,     111.9,     362.2,       0.0);         ( 503222.0,
3633425.9,     112.5,     363.3,       0.0);
     ( 503272.0, 3633425.9,     113.1,     363.3,       0.0);         ( 503322.0,
3633425.9,     116.2,     363.3,       0.0);
     ( 503372.0, 3633425.9,     127.9,     363.3,       0.0);         ( 503422.0,
3633425.9,     139.1,     357.4,       0.0);
     ( 503472.0, 3633425.9,     139.7,     362.2,       0.0);         ( 503622.0,
3633425.9,     142.9,     363.3,       0.0);
     ( 503672.0, 3633425.9,     153.2,     363.3,       0.0);         ( 503722.0,
3633425.9,     168.2,     338.7,       0.0);
     ( 503772.0, 3633425.9,     175.9,     338.7,       0.0);         ( 503822.0,
3633425.9,     176.7,     338.7,       0.0);
     ( 503872.0, 3633425.9,     177.4,     357.4,       0.0);         ( 503922.0,
3633425.9,     167.5,     363.3,       0.0);
     ( 503972.0, 3633425.9,     165.3,     363.3,       0.0);         ( 504022.0,
3633425.9,     171.6,     363.3,       0.0);
     ( 504072.0, 3633425.9,     176.2,     363.3,       0.0);         ( 504122.0,
3633425.9,     171.0,     363.3,       0.0);
     ( 504172.0, 3633425.9,     183.2,     363.3,       0.0);         ( 504222.0,
3633425.9,     181.1,     363.3,       0.0);
     ( 504272.0, 3633425.9,     172.6,     363.3,       0.0);         ( 504322.0,
3633425.9,     165.3,     363.3,       0.0);
     ( 504372.0, 3633425.9,     173.4,     363.3,       0.0);         ( 504422.0,
3633425.9,     187.2,     363.3,       0.0);
     ( 504472.0, 3633425.9,     202.2,     363.3,       0.0);         ( 504522.0,
3633425.9,     215.1,     363.3,       0.0);
     ( 504572.0, 3633425.9,     209.1,     363.3,       0.0);         ( 504622.0,
3633425.9,     198.7,     363.3,       0.0);
     ( 504672.0, 3633425.9,     194.4,     363.3,       0.0);         ( 504722.0,
3633425.9,     196.7,     363.3,       0.0);
     ( 504772.0, 3633425.9,     205.7,     363.3,       0.0);         ( 504822.0,
3633425.9,     208.8,     363.3,       0.0);
     ( 504872.0, 3633425.9,     188.5,     363.3,       0.0);         ( 504922.0,
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3633425.9,     189.9,     363.3,       0.0);
     ( 504972.0, 3633425.9,     194.7,     363.3,       0.0);         ( 505022.0,
3633425.9,     212.1,     363.3,       0.0);
     ( 505072.0, 3633425.9,     227.3,     363.3,       0.0);         ( 505122.0,
3633425.9,     237.2,     363.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 505172.0, 3633425.9,     236.2,     363.3,       0.0);         ( 505222.0,
3633425.9,     217.1,     363.3,       0.0);
     ( 502222.0, 3633475.9,     105.4,     105.4,       0.0);         ( 502272.0,
3633475.9,     105.2,     105.2,       0.0);
     ( 502322.0, 3633475.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633475.9,     105.6,     105.6,       0.0);
     ( 502422.0, 3633475.9,     106.2,     106.2,       0.0);         ( 502472.0,
3633475.9,     108.5,     108.5,       0.0);
     ( 502522.0, 3633475.9,     107.8,     107.8,       0.0);         ( 502572.0,
3633475.9,     107.9,     318.9,       0.0);
     ( 502622.0, 3633475.9,     108.6,     318.9,       0.0);         ( 502672.0,
3633475.9,     108.6,     318.9,       0.0);
     ( 504772.0, 3633475.9,     181.2,     363.3,       0.0);         ( 504822.0,
3633475.9,     180.3,     363.3,       0.0);
     ( 504872.0, 3633475.9,     180.9,     363.3,       0.0);         ( 504922.0,
3633475.9,     181.3,     363.3,       0.0);
     ( 504972.0, 3633475.9,     191.1,     363.3,       0.0);         ( 505022.0,
3633475.9,     211.9,     363.3,       0.0);
     ( 505072.0, 3633475.9,     224.4,     363.3,       0.0);         ( 505122.0,
3633475.9,     229.5,     363.3,       0.0);
     ( 505172.0, 3633475.9,     228.6,     363.3,       0.0);         ( 505222.0,
3633475.9,     213.1,     363.3,       0.0);
     ( 502222.0, 3633525.9,     105.9,     114.0,       0.0);         ( 502272.0,
3633525.9,     105.6,     105.6,       0.0);
     ( 502322.0, 3633525.9,     105.4,     105.4,       0.0);         ( 502372.0,
3633525.9,     106.3,     106.3,       0.0);
     ( 502422.0, 3633525.9,     107.3,     107.3,       0.0);         ( 502472.0,
3633525.9,     108.8,     108.8,       0.0);
     ( 502522.0, 3633525.9,     107.4,     107.4,       0.0);         ( 502572.0,
3633525.9,     106.3,     318.9,       0.0);
     ( 502622.0, 3633525.9,     107.0,     318.9,       0.0);         ( 502672.0,
3633525.9,     107.3,     318.9,       0.0);
     ( 504772.0, 3633525.9,     178.5,     363.3,       0.0);         ( 504822.0,

3633525.9,     180.3,     363.3,       0.0);
     ( 504872.0, 3633525.9,     180.7,     363.3,       0.0);         ( 504922.0,
3633525.9,     180.2,     363.3,       0.0);
     ( 504972.0, 3633525.9,     180.3,     363.3,       0.0);         ( 505022.0,
3633525.9,     192.2,     363.3,       0.0);
     ( 505072.0, 3633525.9,     209.7,     363.3,       0.0);         ( 505122.0,
3633525.9,     223.2,     363.3,       0.0);
     ( 505172.0, 3633525.9,     221.7,     363.3,       0.0);         ( 505222.0,
3633525.9,     210.8,     363.3,       0.0);
     ( 502222.0, 3633575.9,     108.1,     114.0,       0.0);         ( 502272.0,
3633575.9,     105.6,     105.6,       0.0);
     ( 502322.0, 3633575.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633575.9,     106.4,     106.4,       0.0);
     ( 502422.0, 3633575.9,     106.9,     106.9,       0.0);         ( 502472.0,
3633575.9,     106.7,     106.7,       0.0);
     ( 502522.0, 3633575.9,     106.3,     106.3,       0.0);         ( 502572.0,
3633575.9,     106.2,     318.9,       0.0);
     ( 502622.0, 3633575.9,     106.4,     318.9,       0.0);         ( 502672.0,
3633575.9,     106.6,     318.9,       0.0);
     ( 504772.0, 3633575.9,     178.5,     363.3,       0.0);         ( 504822.0,
3633575.9,     178.7,     363.3,       0.0);
     ( 504872.0, 3633575.9,     178.0,     363.3,       0.0);         ( 504922.0,
3633575.9,     180.1,     363.3,       0.0);
     ( 504972.0, 3633575.9,     177.2,     363.3,       0.0);         ( 505022.0,
3633575.9,     180.2,     363.3,       0.0);
     ( 505072.0, 3633575.9,     194.3,     363.3,       0.0);         ( 505122.0,
3633575.9,     211.0,     363.3,       0.0);
     ( 505172.0, 3633575.9,     212.3,     363.3,       0.0);         ( 505222.0,
3633575.9,     200.4,     363.3,       0.0);
     ( 502222.0, 3633625.9,     109.6,     109.6,       0.0);         ( 502272.0,
3633625.9,     105.2,     113.5,       0.0);
     ( 502322.0, 3633625.9,     105.8,     105.8,       0.0);         ( 502372.0,
3633625.9,     106.3,     106.3,       0.0);
     ( 502422.0, 3633625.9,     107.2,     107.2,       0.0);         ( 502472.0,
3633625.9,     106.2,     106.2,       0.0);
     ( 502522.0, 3633625.9,     107.2,     107.2,       0.0);         ( 502572.0,
3633625.9,     107.2,     318.9,       0.0);
     ( 502622.0, 3633625.9,     107.3,     318.9,       0.0);         ( 502672.0,
3633625.9,     107.0,     318.9,       0.0);
     ( 504772.0, 3633625.9,     178.3,     363.3,       0.0);         ( 504822.0,
3633625.9,     171.8,     363.3,       0.0);
     ( 504872.0, 3633625.9,     175.1,     363.3,       0.0);         ( 504922.0,
3633625.9,     176.0,     363.3,       0.0);
     ( 504972.0, 3633625.9,     173.2,     363.3,       0.0);         ( 505022.0,
3633625.9,     174.4,     363.3,       0.0);
     ( 505072.0, 3633625.9,     187.1,     363.3,       0.0);         ( 505122.0,
3633625.9,     199.3,     363.3,       0.0);
     ( 505172.0, 3633625.9,     203.5,     363.3,       0.0);         ( 505222.0,
3633625.9,     192.7,     363.3,       0.0);
     ( 502222.0, 3633675.9,     107.5,     113.5,       0.0);         ( 502272.0,

3633675.9,     104.8,     113.5,       0.0);
     ( 502322.0, 3633675.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633675.9,     105.3,     105.3,       0.0);
     ( 502422.0, 3633675.9,     106.6,     106.6,       0.0);         ( 502472.0,
3633675.9,     106.7,     106.7,       0.0);
     ( 502522.0, 3633675.9,     107.3,     107.3,       0.0);         ( 502572.0,
3633675.9,     107.3,     317.2,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 502622.0, 3633675.9,     107.1,     318.9,       0.0);         ( 502672.0,
3633675.9,     106.9,     318.9,       0.0);
     ( 504772.0, 3633675.9,     171.2,     363.3,       0.0);         ( 504822.0,
3633675.9,     169.1,     363.3,       0.0);
     ( 504872.0, 3633675.9,     168.2,     363.3,       0.0);         ( 504922.0,
3633675.9,     167.7,     363.3,       0.0);
     ( 504972.0, 3633675.9,     167.9,     363.3,       0.0);         ( 505022.0,
3633675.9,     170.2,     363.3,       0.0);
     ( 505072.0, 3633675.9,     182.5,     363.3,       0.0);         ( 505122.0,
3633675.9,     197.3,     363.3,       0.0);
     ( 505172.0, 3633675.9,     199.4,     363.3,       0.0);         ( 505222.0,
3633675.9,     189.7,     363.3,       0.0);
     ( 502222.0, 3633725.9,     106.3,     106.3,       0.0);         ( 502272.0,
3633725.9,     104.3,     104.3,       0.0);
     ( 502322.0, 3633725.9,     105.3,     105.3,       0.0);         ( 502372.0,
3633725.9,     105.7,     105.7,       0.0);
     ( 502422.0, 3633725.9,     106.3,     106.3,       0.0);         ( 502472.0,
3633725.9,     106.7,     106.7,       0.0);
     ( 502522.0, 3633725.9,     107.1,     107.1,       0.0);         ( 502572.0,
3633725.9,     107.3,     107.3,       0.0);
     ( 502622.0, 3633725.9,     107.3,     318.9,       0.0);         ( 502672.0,
3633725.9,     106.9,     318.9,       0.0);
     ( 504772.0, 3633725.9,     159.6,     363.3,       0.0);         ( 504822.0,
3633725.9,     163.4,     363.3,       0.0);
     ( 504872.0, 3633725.9,     162.3,     363.3,       0.0);         ( 504922.0,
3633725.9,     163.6,     363.3,       0.0);
     ( 504972.0, 3633725.9,     165.7,     363.3,       0.0);         ( 505022.0,
3633725.9,     170.9,     363.3,       0.0);
     ( 505072.0, 3633725.9,     185.4,     363.3,       0.0);         ( 505122.0,
3633725.9,     198.5,     363.3,       0.0);
     ( 505172.0, 3633725.9,     194.3,     363.3,       0.0);         ( 505222.0,

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3633725.9,     187.5,     363.3,       0.0);
     ( 502222.0, 3633775.9,     105.8,     105.8,       0.0);         ( 502272.0,
3633775.9,     104.0,     109.9,       0.0);
     ( 502322.0, 3633775.9,     106.3,     106.3,       0.0);         ( 502372.0,
3633775.9,     106.3,     106.3,       0.0);
     ( 502422.0, 3633775.9,     107.1,     107.1,       0.0);         ( 502472.0,
3633775.9,     106.4,     106.4,       0.0);
     ( 502522.0, 3633775.9,     106.9,     106.9,       0.0);         ( 502572.0,
3633775.9,     107.3,     107.3,       0.0);
     ( 502622.0, 3633775.9,     107.0,     318.9,       0.0);         ( 502672.0,
3633775.9,     106.7,     318.9,       0.0);
     ( 504772.0, 3633775.9,     152.1,     363.3,       0.0);         ( 504822.0,
3633775.9,     154.0,     363.3,       0.0);
     ( 504872.0, 3633775.9,     158.0,     363.3,       0.0);         ( 504922.0,
3633775.9,     164.2,     363.3,       0.0);
     ( 504972.0, 3633775.9,     166.6,     363.3,       0.0);         ( 505022.0,
3633775.9,     173.8,     363.3,       0.0);
     ( 505072.0, 3633775.9,     183.8,     363.3,       0.0);         ( 505122.0,
3633775.9,     193.9,     363.3,       0.0);
     ( 505172.0, 3633775.9,     191.9,     363.3,       0.0);         ( 505222.0,
3633775.9,     185.2,     363.3,       0.0);
     ( 502222.0, 3633825.9,     106.8,     110.0,       0.0);         ( 502272.0,
3633825.9,     104.6,     110.0,       0.0);
     ( 502322.0, 3633825.9,     105.8,     105.8,       0.0);         ( 502372.0,
3633825.9,     106.5,     106.5,       0.0);
     ( 502422.0, 3633825.9,     106.6,     106.6,       0.0);         ( 502472.0,
3633825.9,     106.4,     106.4,       0.0);
     ( 502522.0, 3633825.9,     106.7,     106.7,       0.0);         ( 502572.0,
3633825.9,     107.1,     107.1,       0.0);
     ( 502622.0, 3633825.9,     107.4,     317.2,       0.0);         ( 502672.0,
3633825.9,     107.0,     318.9,       0.0);
     ( 504772.0, 3633825.9,     148.4,     363.3,       0.0);         ( 504822.0,
3633825.9,     151.7,     363.3,       0.0);
     ( 504872.0, 3633825.9,     163.4,     363.3,       0.0);         ( 504922.0,
3633825.9,     171.6,     363.3,       0.0);
     ( 504972.0, 3633825.9,     174.5,     363.3,       0.0);         ( 505022.0,
3633825.9,     176.1,     363.3,       0.0);
     ( 505072.0, 3633825.9,     183.2,     363.3,       0.0);         ( 505122.0,
3633825.9,     193.4,     363.3,       0.0);
     ( 505172.0, 3633825.9,     189.7,     363.3,       0.0);         ( 505222.0,
3633825.9,     182.7,     363.3,       0.0);
     ( 502222.0, 3633875.9,     105.9,     105.9,       0.0);         ( 502272.0,
3633875.9,     104.6,     110.0,       0.0);
     ( 502322.0, 3633875.9,     106.4,     106.4,       0.0);         ( 502372.0,
3633875.9,     105.8,     106.6,       0.0);
     ( 502422.0, 3633875.9,     106.3,     106.3,       0.0);         ( 502472.0,
3633875.9,     105.7,     105.7,       0.0);
     ( 502522.0, 3633875.9,     106.5,     106.5,       0.0);         ( 502572.0,
3633875.9,     107.2,     107.2,       0.0);
     ( 502622.0, 3633875.9,     107.5,     107.5,       0.0);         ( 502672.0,
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3633875.9,     107.0,     318.9,       0.0);
     ( 504772.0, 3633875.9,     147.3,     363.3,       0.0);         ( 504822.0,
3633875.9,     154.8,     363.3,       0.0);
     ( 504872.0, 3633875.9,     167.5,     363.3,       0.0);         ( 504922.0,
3633875.9,     174.4,     363.3,       0.0);
     ( 504972.0, 3633875.9,     179.5,     363.3,       0.0);         ( 505022.0,
3633875.9,     184.2,     363.3,       0.0);
     ( 505072.0, 3633875.9,     184.0,     363.3,       0.0);         ( 505122.0,
3633875.9,     189.3,     363.3,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     ( 505172.0, 3633875.9,     185.5,     363.3,       0.0);         ( 505222.0,
3633875.9,     180.7,     363.3,       0.0);
     ( 502222.0, 3633925.9,     105.6,     105.6,       0.0);         ( 502272.0,
3633925.9,     105.1,     105.1,       0.0);
     ( 502322.0, 3633925.9,     106.1,     106.1,       0.0);         ( 502372.0,
3633925.9,     105.2,     105.2,       0.0);
     ( 502422.0, 3633925.9,     106.5,     106.5,       0.0);         ( 502472.0,
3633925.9,     106.1,     106.1,       0.0);
     ( 502522.0, 3633925.9,     106.5,     106.5,       0.0);         ( 502572.0,
3633925.9,     107.0,     107.0,       0.0);
     ( 502622.0, 3633925.9,     107.2,     107.2,       0.0);         ( 502672.0,
3633925.9,     106.9,     318.9,       0.0);
     ( 504772.0, 3633925.9,     148.8,     363.3,       0.0);         ( 504822.0,
3633925.9,     156.1,     363.3,       0.0);
     ( 504872.0, 3633925.9,     163.4,     363.3,       0.0);         ( 504922.0,
3633925.9,     175.3,     363.3,       0.0);
     ( 504972.0, 3633925.9,     185.8,     363.3,       0.0);         ( 505022.0,
3633925.9,     187.1,     363.3,       0.0);
     ( 505072.0, 3633925.9,     187.1,     363.3,       0.0);         ( 505122.0,
3633925.9,     186.0,     363.3,       0.0);
     ( 505172.0, 3633925.9,     181.5,     363.3,       0.0);         ( 505222.0,
3633925.9,     178.0,     363.3,       0.0);
     ( 502222.0, 3633975.9,     105.9,     105.9,       0.0);         ( 502272.0,
3633975.9,     104.1,     107.5,       0.0);
     ( 502322.0, 3633975.9,     104.8,     104.8,       0.0);         ( 502372.0,
3633975.9,     105.8,     105.8,       0.0);
     ( 502422.0, 3633975.9,     106.4,     106.4,       0.0);         ( 502472.0,
3633975.9,     106.5,     106.5,       0.0);
     ( 502522.0, 3633975.9,     107.0,     107.0,       0.0);         ( 502572.0,

3633975.9,     106.9,     106.9,       0.0);
     ( 502622.0, 3633975.9,     107.2,     107.2,       0.0);         ( 502672.0,
3633975.9,     106.7,     317.2,       0.0);
     ( 504772.0, 3633975.9,     152.7,     363.3,       0.0);         ( 504822.0,
3633975.9,     156.6,     363.3,       0.0);
     ( 504872.0, 3633975.9,     160.1,     363.3,       0.0);         ( 504922.0,
3633975.9,     169.3,     363.3,       0.0);
     ( 504972.0, 3633975.9,     185.8,     363.3,       0.0);         ( 505022.0,
3633975.9,     191.5,     362.2,       0.0);
     ( 505072.0, 3633975.9,     192.0,     363.3,       0.0);         ( 505122.0,
3633975.9,     183.1,     363.3,       0.0);
     ( 505172.0, 3633975.9,     178.0,     363.3,       0.0);         ( 505222.0,
3633975.9,     175.3,     363.3,       0.0);
     ( 502222.0, 3634025.9,     105.9,     105.9,       0.0);         ( 502272.0,
3634025.9,     104.0,     104.0,       0.0);
     ( 502322.0, 3634025.9,     104.3,     104.3,       0.0);         ( 502372.0,
3634025.9,     105.3,     105.3,       0.0);
     ( 502422.0, 3634025.9,     105.7,     105.7,       0.0);         ( 502472.0,
3634025.9,     106.0,     106.0,       0.0);
     ( 502522.0, 3634025.9,     106.3,     106.3,       0.0);         ( 502572.0,
3634025.9,     106.6,     106.6,       0.0);
     ( 502622.0, 3634025.9,     107.1,     107.1,       0.0);         ( 502672.0,
3634025.9,     106.9,     106.9,       0.0);
     ( 504772.0, 3634025.9,     157.0,     363.3,       0.0);         ( 504822.0,
3634025.9,     156.3,     363.3,       0.0);
     ( 504872.0, 3634025.9,     163.9,     363.3,       0.0);         ( 504922.0,
3634025.9,     174.1,     363.3,       0.0);
     ( 504972.0, 3634025.9,     191.0,     352.4,       0.0);         ( 505022.0,
3634025.9,     195.0,     338.7,       0.0);
     ( 505072.0, 3634025.9,     193.0,     352.4,       0.0);         ( 505122.0,
3634025.9,     181.5,     363.3,       0.0);
     ( 505172.0, 3634025.9,     174.5,     363.3,       0.0);         ( 505222.0,
3634025.9,     172.4,     363.3,       0.0);
     ( 502222.0, 3634075.9,     104.3,     104.3,       0.0);         ( 502272.0,
3634075.9,     103.6,     103.6,       0.0);
     ( 502322.0, 3634075.9,     103.8,     103.8,       0.0);         ( 502372.0,
3634075.9,     104.0,     104.0,       0.0);
     ( 502422.0, 3634075.9,     103.9,     103.9,       0.0);         ( 502472.0,
3634075.9,     104.4,     104.4,       0.0);
     ( 502522.0, 3634075.9,     105.1,     105.1,       0.0);         ( 502572.0,
3634075.9,     106.4,     106.4,       0.0);
     ( 502622.0, 3634075.9,     106.7,     106.7,       0.0);         ( 502672.0,
3634075.9,     107.4,     107.4,       0.0);
     ( 504772.0, 3634075.9,     157.4,     363.3,       0.0);         ( 504822.0,
3634075.9,     159.7,     363.3,       0.0);
     ( 504872.0, 3634075.9,     171.7,     363.3,       0.0);         ( 504922.0,
3634075.9,     181.0,     362.2,       0.0);
     ( 504972.0, 3634075.9,     191.7,     338.7,       0.0);         ( 505022.0,
3634075.9,     195.1,     338.7,       0.0);
     ( 505072.0, 3634075.9,     190.9,     338.7,       0.0);         ( 505122.0,

3634075.9,     180.6,     363.3,       0.0);
     ( 505172.0, 3634075.9,     171.9,     363.3,       0.0);         ( 505222.0,
3634075.9,     169.0,     363.3,       0.0);
     ( 502222.0, 3634125.9,     102.5,     102.5,       0.0);         ( 502272.0,
3634125.9,     103.5,     104.3,       0.0);
     ( 502322.0, 3634125.9,     103.3,     103.3,       0.0);         ( 502372.0,
3634125.9,     104.1,     104.1,       0.0);
     ( 502422.0, 3634125.9,     104.1,     104.1,       0.0);         ( 502472.0,
3634125.9,     104.2,     104.2,       0.0);
     ( 502522.0, 3634125.9,     104.3,     104.3,       0.0);         ( 502572.0,
3634125.9,     104.5,     104.5,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 502622.0, 3634125.9,     106.1,     106.1,       0.0);         ( 502672.0,
3634125.9,     107.5,     107.5,       0.0);
     ( 504772.0, 3634125.9,     168.4,     363.3,       0.0);         ( 504822.0,
3634125.9,     170.1,     363.3,       0.0);
     ( 504872.0, 3634125.9,     175.5,     362.2,       0.0);         ( 504922.0,
3634125.9,     189.9,     338.7,       0.0);
     ( 504972.0, 3634125.9,     191.3,     338.7,       0.0);         ( 505022.0,
3634125.9,     193.2,     338.7,       0.0);
     ( 505072.0, 3634125.9,     186.1,     338.7,       0.0);         ( 505122.0,
3634125.9,     175.7,     363.3,       0.0);
     ( 505172.0, 3634125.9,     169.2,     363.3,       0.0);         ( 505222.0,
3634125.9,     166.0,     363.3,       0.0);
     ( 502222.0, 3634175.9,     100.1,     100.1,       0.0);         ( 502272.0,
3634175.9,     100.9,     100.9,       0.0);
     ( 502322.0, 3634175.9,     100.9,     104.7,       0.0);         ( 502372.0,
3634175.9,     104.8,     104.8,       0.0);
     ( 502422.0, 3634175.9,     104.9,     104.9,       0.0);         ( 502472.0,
3634175.9,     104.8,     104.8,       0.0);
     ( 502522.0, 3634175.9,     104.5,     104.5,       0.0);         ( 502572.0,
3634175.9,     104.5,     104.5,       0.0);
     ( 502622.0, 3634175.9,     104.6,     104.6,       0.0);         ( 502672.0,
3634175.9,     105.4,     105.4,       0.0);
     ( 504772.0, 3634175.9,     183.8,     338.7,       0.0);         ( 504822.0,
3634175.9,     187.8,     338.7,       0.0);
     ( 504872.0, 3634175.9,     190.3,     338.7,       0.0);         ( 504922.0,
3634175.9,     190.6,     338.7,       0.0);
     ( 504972.0, 3634175.9,     190.7,     338.7,       0.0);         ( 505022.0,

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3634175.9,     186.9,     338.7,       0.0);
     ( 505072.0, 3634175.9,     186.2,     338.7,       0.0);         ( 505122.0,
3634175.9,     173.6,     363.3,       0.0);
     ( 505172.0, 3634175.9,     167.7,     363.3,       0.0);         ( 505222.0,
3634175.9,     162.6,     363.3,       0.0);
     ( 502222.0, 3634225.9,     100.1,     100.1,       0.0);         ( 502272.0,
3634225.9,     100.1,     100.1,       0.0);
     ( 502322.0, 3634225.9,     102.1,     102.1,       0.0);         ( 502372.0,
3634225.9,     104.7,     104.7,       0.0);
     ( 502422.0, 3634225.9,     105.3,     105.3,       0.0);         ( 502472.0,
3634225.9,     105.3,     105.3,       0.0);
     ( 502522.0, 3634225.9,     104.7,     104.7,       0.0);         ( 502572.0,
3634225.9,     104.9,     104.9,       0.0);
     ( 502622.0, 3634225.9,     104.8,     104.8,       0.0);         ( 502672.0,
3634225.9,     105.0,     105.0,       0.0);
     ( 504772.0, 3634225.9,     200.3,     336.0,       0.0);         ( 504822.0,
3634225.9,     203.1,     334.9,       0.0);
     ( 504872.0, 3634225.9,     194.0,     337.8,       0.0);         ( 504922.0,
3634225.9,     192.2,     338.0,       0.0);
     ( 504972.0, 3634225.9,     182.3,     338.7,       0.0);         ( 505022.0,
3634225.9,     182.8,     338.7,       0.0);
     ( 505072.0, 3634225.9,     183.0,     338.7,       0.0);         ( 505122.0,
3634225.9,     174.1,     352.4,       0.0);
     ( 505172.0, 3634225.9,     173.5,     360.8,       0.0);         ( 505222.0,
3634225.9,     163.5,     363.3,       0.0);
     ( 502222.0, 3634275.9,     100.1,     100.1,       0.0);         ( 502272.0,
3634275.9,     100.2,     100.2,       0.0);
     ( 502322.0, 3634275.9,     101.5,     101.5,       0.0);         ( 502372.0,
3634275.9,     104.4,     104.4,       0.0);
     ( 502422.0, 3634275.9,     104.8,     104.8,       0.0);         ( 502472.0,
3634275.9,     104.9,     104.9,       0.0);
     ( 502522.0, 3634275.9,     105.0,     105.0,       0.0);         ( 502572.0,
3634275.9,     104.9,     104.9,       0.0);
     ( 502622.0, 3634275.9,     105.2,     105.2,       0.0);         ( 502672.0,
3634275.9,     105.4,     105.4,       0.0);
     ( 504772.0, 3634275.9,     207.2,     207.2,       0.0);         ( 504822.0,
3634275.9,     203.1,     206.3,       0.0);
     ( 504872.0, 3634275.9,     194.6,     336.4,       0.0);         ( 504922.0,
3634275.9,     186.2,     338.0,       0.0);
     ( 504972.0, 3634275.9,     174.2,     338.7,       0.0);         ( 505022.0,
3634275.9,     179.5,     338.7,       0.0);
     ( 505072.0, 3634275.9,     179.7,     338.7,       0.0);         ( 505122.0,
3634275.9,     171.7,     338.7,       0.0);
     ( 505172.0, 3634275.9,     176.0,     338.7,       0.0);         ( 505222.0,
3634275.9,     165.1,     362.2,       0.0);
     ( 502222.0, 3634325.9,     100.6,     100.6,       0.0);         ( 502272.0,
3634325.9,     101.2,     101.2,       0.0);
     ( 502322.0, 3634325.9,     101.5,     101.5,       0.0);         ( 502372.0,
3634325.9,     101.8,     104.7,       0.0);
     ( 502422.0, 3634325.9,     102.0,     105.0,       0.0);         ( 502472.0,
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3634325.9,     101.9,     104.7,       0.0);
     ( 502522.0, 3634325.9,     102.0,     102.0,       0.0);         ( 502572.0,
3634325.9,     102.1,     102.1,       0.0);
     ( 502622.0, 3634325.9,     102.1,     102.1,       0.0);         ( 502672.0,
3634325.9,     102.4,     102.4,       0.0);
     ( 504772.0, 3634325.9,     200.1,     207.6,       0.0);         ( 504822.0,
3634325.9,     188.5,     336.4,       0.0);
     ( 504872.0, 3634325.9,     182.5,     337.8,       0.0);         ( 504922.0,
3634325.9,     174.3,     338.7,       0.0);
     ( 504972.0, 3634325.9,     168.4,     338.7,       0.0);         ( 505022.0,
3634325.9,     177.1,     338.7,       0.0);
     ( 505072.0, 3634325.9,     177.5,     338.7,       0.0);         ( 505122.0,
3634325.9,     167.3,     338.7,       0.0);


                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

     ( 505172.0, 3634325.9,     171.4,     338.7,       0.0);         ( 505222.0,
3634325.9,     167.5,     338.7,       0.0);
     ( 502222.0, 3634375.9,     101.9,     104.6,       0.0);         ( 502272.0,
3634375.9,     102.4,     105.0,       0.0);
     ( 502322.0, 3634375.9,     101.7,     105.1,       0.0);         ( 502372.0,
3634375.9,     101.2,     101.2,       0.0);
     ( 502422.0, 3634375.9,     102.4,     104.7,       0.0);         ( 502472.0,
3634375.9,     103.5,     103.5,       0.0);
     ( 502522.0, 3634375.9,     105.1,     105.1,       0.0);         ( 502572.0,
3634375.9,     105.2,     105.2,       0.0);
     ( 502622.0, 3634375.9,     103.8,     103.8,       0.0);         ( 502672.0,
3634375.9,     101.8,     104.7,       0.0);
     ( 504772.0, 3634375.9,     189.8,     334.2,       0.0);         ( 504822.0,
3634375.9,     175.2,     338.0,       0.0);
     ( 504872.0, 3634375.9,     171.3,     338.7,       0.0);         ( 504922.0,
3634375.9,     165.1,     338.7,       0.0);
     ( 504972.0, 3634375.9,     164.9,     338.7,       0.0);         ( 505022.0,
3634375.9,     174.1,     338.7,       0.0);
     ( 505072.0, 3634375.9,     172.8,     338.7,       0.0);         ( 505122.0,
3634375.9,     162.3,     338.7,       0.0);
     ( 505172.0, 3634375.9,     165.2,     338.7,       0.0);         ( 505222.0,
3634375.9,     166.4,     338.7,       0.0);
     ( 502222.0, 3634425.9,     104.2,     104.2,       0.0);         ( 502272.0,
3634425.9,     105.0,     105.0,       0.0);
     ( 502322.0, 3634425.9,     105.0,     105.0,       0.0);         ( 502372.0,

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3634425.9,     105.1,     105.1,       0.0);
     ( 502422.0, 3634425.9,     105.4,     105.4,       0.0);         ( 502472.0,
3634425.9,     105.2,     105.2,       0.0);
     ( 502522.0, 3634425.9,     105.5,     105.5,       0.0);         ( 502572.0,
3634425.9,     105.5,     105.5,       0.0);
     ( 502622.0, 3634425.9,     105.5,     105.5,       0.0);         ( 502672.0,
3634425.9,     105.3,     105.3,       0.0);
     ( 504772.0, 3634425.9,     185.7,     334.2,       0.0);         ( 504822.0,
3634425.9,     173.8,     337.8,       0.0);
     ( 504872.0, 3634425.9,     161.0,     338.7,       0.0);         ( 504922.0,
3634425.9,     153.6,     338.7,       0.0);
     ( 504972.0, 3634425.9,     160.4,     338.7,       0.0);         ( 505022.0,
3634425.9,     162.5,     338.7,       0.0);
     ( 505072.0, 3634425.9,     158.4,     338.7,       0.0);         ( 505122.0,
3634425.9,     156.3,     338.7,       0.0);
     ( 505172.0, 3634425.9,     159.4,     338.7,       0.0);         ( 505222.0,
3634425.9,     162.1,     338.7,       0.0);
     ( 502222.0, 3634475.9,     104.5,     104.5,       0.0);         ( 502272.0,
3634475.9,     104.9,     104.9,       0.0);
     ( 502322.0, 3634475.9,     105.2,     105.2,       0.0);         ( 502372.0,
3634475.9,     105.4,     105.4,       0.0);
     ( 502422.0, 3634475.9,     105.5,     105.5,       0.0);         ( 502472.0,
3634475.9,     105.4,     105.4,       0.0);
     ( 502522.0, 3634475.9,     105.8,     105.8,       0.0);         ( 502572.0,
3634475.9,     105.9,     105.9,       0.0);
     ( 502622.0, 3634475.9,     105.8,     105.8,       0.0);         ( 502672.0,
3634475.9,     105.8,     105.8,       0.0);
     ( 504772.0, 3634475.9,     179.9,     334.2,       0.0);         ( 504822.0,
3634475.9,     175.6,     336.0,       0.0);
     ( 504872.0, 3634475.9,     161.3,     338.7,       0.0);         ( 504922.0,
3634475.9,     145.8,     352.4,       0.0);
     ( 504972.0, 3634475.9,     148.7,     338.7,       0.0);         ( 505022.0,
3634475.9,     149.7,     338.7,       0.0);
     ( 505072.0, 3634475.9,     148.4,     352.4,       0.0);         ( 505122.0,
3634475.9,     150.3,     338.7,       0.0);
     ( 505172.0, 3634475.9,     153.7,     338.7,       0.0);         ( 505222.0,
3634475.9,     156.8,     338.7,       0.0);
     ( 502222.0, 3634525.9,     104.7,     104.7,       0.0);         ( 502272.0,
3634525.9,     104.9,     104.9,       0.0);
     ( 502322.0, 3634525.9,     105.1,     105.1,       0.0);         ( 502372.0,
3634525.9,     105.4,     105.4,       0.0);
     ( 502422.0, 3634525.9,     105.5,     105.5,       0.0);         ( 502472.0,
3634525.9,     105.7,     105.7,       0.0);
     ( 502522.0, 3634525.9,     105.7,     105.7,       0.0);         ( 502572.0,
3634525.9,     105.9,     105.9,       0.0);
     ( 502622.0, 3634525.9,     106.1,     106.1,       0.0);         ( 502672.0,
3634525.9,     106.8,     106.8,       0.0);
     ( 504772.0, 3634525.9,     165.2,     337.0,       0.0);         ( 504822.0,
3634525.9,     167.5,     336.5,       0.0);
     ( 504872.0, 3634525.9,     156.3,     338.7,       0.0);         ( 504922.0,
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3634525.9,     140.9,     352.4,       0.0);
     ( 504972.0, 3634525.9,     137.0,     362.2,       0.0);         ( 505022.0,
3634525.9,     139.1,     362.2,       0.0);
     ( 505072.0, 3634525.9,     141.1,     360.8,       0.0);         ( 505122.0,
3634525.9,     145.5,     338.7,       0.0);
     ( 505172.0, 3634525.9,     150.7,     338.7,       0.0);         ( 505222.0,
3634525.9,     155.8,     338.7,       0.0);
     ( 502222.0, 3634575.9,     105.8,     105.8,       0.0);         ( 502272.0,
3634575.9,     104.9,     104.9,       0.0);
     ( 502322.0, 3634575.9,     104.9,     104.9,       0.0);         ( 502372.0,
3634575.9,     105.2,     105.2,       0.0);
     ( 502422.0, 3634575.9,     105.4,     105.4,       0.0);         ( 502472.0,
3634575.9,     105.7,     105.7,       0.0);
     ( 502522.0, 3634575.9,     105.8,     105.8,       0.0);         ( 502572.0,
3634575.9,     106.0,     106.0,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 502622.0, 3634575.9,     106.2,     106.2,       0.0);         ( 502672.0,
3634575.9,     106.8,     106.8,       0.0);
     ( 504772.0, 3634575.9,     145.8,     338.7,       0.0);         ( 504822.0,
3634575.9,     148.3,     338.7,       0.0);
     ( 504872.0, 3634575.9,     140.8,     338.7,       0.0);         ( 504922.0,
3634575.9,     130.9,     362.2,       0.0);
     ( 504972.0, 3634575.9,     131.7,     362.2,       0.0);         ( 505022.0,
3634575.9,     136.8,     360.8,       0.0);
     ( 505072.0, 3634575.9,     140.4,     338.7,       0.0);         ( 505122.0,
3634575.9,     144.1,     338.7,       0.0);
     ( 505172.0, 3634575.9,     154.8,     338.7,       0.0);         ( 505222.0,
3634575.9,     159.5,     338.0,       0.0);
     ( 502222.0, 3634625.9,     106.1,     106.1,       0.0);         ( 502272.0,
3634625.9,     106.0,     106.0,       0.0);
     ( 502322.0, 3634625.9,     104.8,     104.8,       0.0);         ( 502372.0,
3634625.9,     105.0,     105.0,       0.0);
     ( 502422.0, 3634625.9,     105.1,     105.1,       0.0);         ( 502472.0,
3634625.9,     105.4,     105.4,       0.0);
     ( 502522.0, 3634625.9,     106.4,     106.4,       0.0);         ( 502572.0,
3634625.9,     106.5,     106.5,       0.0);
     ( 502622.0, 3634625.9,     106.7,     106.7,       0.0);         ( 502672.0,
3634625.9,     106.8,     106.8,       0.0);
     ( 504772.0, 3634625.9,     129.7,     338.7,       0.0);         ( 504822.0,

3634625.9,     125.4,     362.2,       0.0);
     ( 504872.0, 3634625.9,     125.5,     362.2,       0.0);         ( 504922.0,
3634625.9,     126.7,     362.2,       0.0);
     ( 504972.0, 3634625.9,     131.2,     357.4,       0.0);         ( 505022.0,
3634625.9,     136.7,     338.7,       0.0);
     ( 505072.0, 3634625.9,     142.4,     338.7,       0.0);         ( 505122.0,
3634625.9,     145.9,     338.7,       0.0);
     ( 505172.0, 3634625.9,     159.4,     337.0,       0.0);         ( 505222.0,
3634625.9,     165.4,     334.9,       0.0);
     ( 502222.0, 3634675.9,     105.5,     105.5,       0.0);         ( 502272.0,
3634675.9,     106.5,     106.5,       0.0);
     ( 502322.0, 3634675.9,     106.9,     106.9,       0.0);         ( 502372.0,
3634675.9,     106.7,     106.7,       0.0);
     ( 502422.0, 3634675.9,     106.9,     106.9,       0.0);         ( 502472.0,
3634675.9,     107.1,     107.1,       0.0);
     ( 502522.0, 3634675.9,     107.1,     107.1,       0.0);         ( 502572.0,
3634675.9,     107.4,     107.4,       0.0);
     ( 502622.0, 3634675.9,     107.6,     107.6,       0.0);         ( 502672.0,
3634675.9,     107.2,     107.2,       0.0);
     ( 504772.0, 3634675.9,     115.8,     363.3,       0.0);         ( 504822.0,
3634675.9,     116.0,     363.3,       0.0);
     ( 504872.0, 3634675.9,     125.3,     352.4,       0.0);         ( 504922.0,
3634675.9,     126.0,     352.4,       0.0);
     ( 504972.0, 3634675.9,     128.3,     338.7,       0.0);         ( 505022.0,
3634675.9,     136.4,     338.7,       0.0);
     ( 505072.0, 3634675.9,     145.4,     338.7,       0.0);         ( 505122.0,
3634675.9,     148.4,     338.0,       0.0);
     ( 505172.0, 3634675.9,     158.6,     336.0,       0.0);         ( 505222.0,
3634675.9,     166.0,     179.8,       0.0);
     ( 502222.0, 3634725.9,     105.5,     105.5,       0.0);         ( 502272.0,
3634725.9,     106.2,     106.2,       0.0);
     ( 502322.0, 3634725.9,     105.6,     105.6,       0.0);         ( 502372.0,
3634725.9,     105.7,     105.7,       0.0);
     ( 502422.0, 3634725.9,     106.9,     106.9,       0.0);         ( 502472.0,
3634725.9,     107.3,     107.3,       0.0);
     ( 502522.0, 3634725.9,     107.1,     107.1,       0.0);         ( 502572.0,
3634725.9,     107.6,     107.6,       0.0);
     ( 502622.0, 3634725.9,     107.7,     107.7,       0.0);         ( 502672.0,
3634725.9,     108.1,     108.1,       0.0);
     ( 504772.0, 3634725.9,     115.0,     362.2,       0.0);         ( 504822.0,
3634725.9,     116.9,     360.8,       0.0);
     ( 504872.0, 3634725.9,     120.8,     338.7,       0.0);         ( 504922.0,
3634725.9,     125.8,     338.7,       0.0);
     ( 504972.0, 3634725.9,     131.3,     338.7,       0.0);         ( 505022.0,
3634725.9,     141.8,     338.0,       0.0);
     ( 505072.0, 3634725.9,     148.5,     337.0,       0.0);         ( 505122.0,
3634725.9,     152.9,     336.0,       0.0);
     ( 505172.0, 3634725.9,     164.6,     184.7,       0.0);         ( 505222.0,
3634725.9,     168.1,     180.8,       0.0);
     ( 502222.0, 3634775.9,     106.8,     106.8,       0.0);         ( 502272.0,

3634775.9,     107.6,     107.6,       0.0);
     ( 502322.0, 3634775.9,     105.8,     105.8,       0.0);         ( 502372.0,
3634775.9,     105.5,     105.5,       0.0);
     ( 502422.0, 3634775.9,     105.5,     105.5,       0.0);         ( 502472.0,
3634775.9,     106.0,     106.0,       0.0);
     ( 502522.0, 3634775.9,     107.7,     107.7,       0.0);         ( 502572.0,
3634775.9,     107.6,     107.6,       0.0);
     ( 502622.0, 3634775.9,     107.8,     107.8,       0.0);         ( 502672.0,
3634775.9,     108.2,     108.2,       0.0);
     ( 504772.0, 3634775.9,     114.1,     338.7,       0.0);         ( 504822.0,
3634775.9,     116.1,     338.7,       0.0);
     ( 504872.0, 3634775.9,     120.4,     338.7,       0.0);         ( 504922.0,
3634775.9,     127.9,     338.7,       0.0);
     ( 504972.0, 3634775.9,     139.7,     337.8,       0.0);         ( 505022.0,
3634775.9,     149.8,     336.0,       0.0);
     ( 505072.0, 3634775.9,     152.1,     334.9,       0.0);         ( 505122.0,
3634775.9,     155.0,     185.3,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 505172.0, 3634775.9,     168.2,     184.7,       0.0);         ( 505222.0,
3634775.9,     174.5,     180.8,       0.0);
     ( 502222.0, 3634825.9,     107.7,     107.7,       0.0);         ( 502272.0,
3634825.9,     108.1,     108.1,       0.0);
     ( 502322.0, 3634825.9,     107.6,     107.6,       0.0);         ( 502372.0,
3634825.9,     107.5,     107.5,       0.0);
     ( 502422.0, 3634825.9,     106.7,     106.7,       0.0);         ( 502472.0,
3634825.9,     105.8,     105.8,       0.0);
     ( 502522.0, 3634825.9,     107.8,     107.8,       0.0);         ( 502572.0,
3634825.9,     108.3,     108.3,       0.0);
     ( 502622.0, 3634825.9,     108.4,     108.4,       0.0);         ( 502672.0,
3634825.9,     108.3,     108.3,       0.0);
     ( 504772.0, 3634825.9,     113.3,     338.7,       0.0);         ( 504822.0,
3634825.9,     118.4,     338.7,       0.0);
     ( 504872.0, 3634825.9,     123.4,     338.7,       0.0);         ( 504922.0,
3634825.9,     133.0,     338.0,       0.0);
     ( 504972.0, 3634825.9,     149.8,     207.6,       0.0);         ( 505022.0,
3634825.9,     164.2,     185.3,       0.0);
     ( 505072.0, 3634825.9,     163.4,     185.3,       0.0);         ( 505122.0,
3634825.9,     163.4,     185.3,       0.0);
     ( 505172.0, 3634825.9,     174.0,     182.6,       0.0);         ( 505222.0,

3634825.9,     179.5,     179.5,       0.0);
     ( 502222.0, 3634875.9,     109.9,     109.9,       0.0);         ( 502272.0,
3634875.9,     108.1,     108.1,       0.0);
     ( 502322.0, 3634875.9,     107.9,     107.9,       0.0);         ( 502372.0,
3634875.9,     108.1,     108.1,       0.0);
     ( 502422.0, 3634875.9,     108.1,     108.1,       0.0);         ( 502472.0,
3634875.9,     108.1,     108.1,       0.0);
     ( 502522.0, 3634875.9,     108.1,     108.1,       0.0);         ( 502572.0,
3634875.9,     108.2,     108.2,       0.0);
     ( 502622.0, 3634875.9,     108.5,     108.5,       0.0);         ( 502672.0,
3634875.9,     108.7,     108.7,       0.0);
     ( 504772.0, 3634875.9,     113.1,     338.7,       0.0);         ( 504822.0,
3634875.9,     114.6,     338.7,       0.0);
     ( 504872.0, 3634875.9,     122.4,     338.7,       0.0);         ( 504922.0,
3634875.9,     135.8,     336.4,       0.0);
     ( 504972.0, 3634875.9,     153.6,     185.3,       0.0);         ( 505022.0,
3634875.9,     169.7,     185.3,       0.0);
     ( 505072.0, 3634875.9,     179.6,     185.3,       0.0);         ( 505122.0,
3634875.9,     175.3,     185.3,       0.0);
     ( 505172.0, 3634875.9,     179.8,     182.6,       0.0);         ( 505222.0,
3634875.9,     180.2,     182.3,       0.0);
     ( 502222.0, 3634925.9,     110.2,     110.2,       0.0);         ( 502272.0,
3634925.9,     108.4,     108.4,       0.0);
     ( 502322.0, 3634925.9,     108.4,     108.4,       0.0);         ( 502372.0,
3634925.9,     108.4,     108.4,       0.0);
     ( 502422.0, 3634925.9,     108.5,     108.5,       0.0);         ( 502472.0,
3634925.9,     108.0,     108.0,       0.0);
     ( 502522.0, 3634925.9,     108.3,     108.3,       0.0);         ( 502572.0,
3634925.9,     108.4,     108.4,       0.0);
     ( 502622.0, 3634925.9,     108.3,     108.3,       0.0);         ( 502672.0,
3634925.9,     108.8,     108.8,       0.0);
     ( 504772.0, 3634925.9,     113.0,     338.7,       0.0);         ( 504822.0,
3634925.9,     115.0,     338.7,       0.0);
     ( 504872.0, 3634925.9,     120.1,     338.0,       0.0);         ( 504922.0,
3634925.9,     132.9,     336.0,       0.0);
     ( 504972.0, 3634925.9,     149.2,     185.3,       0.0);         ( 505022.0,
3634925.9,     169.0,     185.3,       0.0);
     ( 505072.0, 3634925.9,     182.4,     185.3,       0.0);         ( 505122.0,
3634925.9,     179.4,     185.3,       0.0);
     ( 505172.0, 3634925.9,     181.2,     182.7,       0.0);         ( 505222.0,
3634925.9,     179.4,     183.0,       0.0);
     ( 502222.0, 3634975.9,     110.6,     110.6,       0.0);         ( 502272.0,
3634975.9,     109.0,     109.0,       0.0);
     ( 502322.0, 3634975.9,     108.3,     108.3,       0.0);         ( 502372.0,
3634975.9,     108.4,     108.4,       0.0);
     ( 502422.0, 3634975.9,     108.4,     108.4,       0.0);         ( 502472.0,
3634975.9,     108.2,     108.2,       0.0);
     ( 502522.0, 3634975.9,     108.5,     108.5,       0.0);         ( 502572.0,
3634975.9,     108.3,     108.3,       0.0);
     ( 502622.0, 3634975.9,     108.4,     108.4,       0.0);         ( 502672.0,

3634975.9,     108.6,     108.6,       0.0);
     ( 504822.0, 3634975.9,     114.8,     338.0,       0.0);         ( 504872.0,
3634975.9,     117.9,     337.8,       0.0);
     ( 504922.0, 3634975.9,     126.2,     336.4,       0.0);         ( 504972.0,
3634975.9,     146.6,     185.3,       0.0);
     ( 505022.0, 3634975.9,     162.4,     185.3,       0.0);         ( 505072.0,
3634975.9,     173.9,     185.3,       0.0);
     ( 505122.0, 3634975.9,     167.4,     185.3,       0.0);         ( 505172.0,
3634975.9,     168.6,     185.3,       0.0);
     ( 505222.0, 3634975.9,     171.3,     183.0,       0.0);         ( 502222.0,
3635025.9,     110.9,     110.9,       0.0);
     ( 502272.0, 3635025.9,     109.2,     109.2,       0.0);         ( 502322.0,
3635025.9,     108.9,     108.9,       0.0);
     ( 502372.0, 3635025.9,     108.6,     108.6,       0.0);         ( 502422.0,
3635025.9,     108.9,     108.9,       0.0);
     ( 502472.0, 3635025.9,     108.9,     108.9,       0.0);         ( 502522.0,
3635025.9,     109.0,     109.0,       0.0);
     ( 502572.0, 3635025.9,     108.9,     108.9,       0.0);         ( 502622.0,
3635025.9,     108.9,     108.9,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 502672.0, 3635025.9,     108.6,     108.6,       0.0);         ( 504872.0,
3635025.9,     117.0,     337.0,       0.0);
     ( 504922.0, 3635025.9,     124.8,     334.9,       0.0);         ( 504972.0,
3635025.9,     140.0,     185.3,       0.0);
     ( 505022.0, 3635025.9,     156.2,     185.3,       0.0);         ( 505072.0,
3635025.9,     162.3,     185.3,       0.0);
     ( 505122.0, 3635025.9,     155.5,     185.3,       0.0);         ( 505172.0,
3635025.9,     155.4,     185.3,       0.0);
     ( 505222.0, 3635025.9,     159.6,     185.3,       0.0);         ( 502222.0,
3635075.9,     110.2,     110.2,       0.0);
     ( 502272.0, 3635075.9,     109.1,     109.1,       0.0);         ( 502322.0,
3635075.9,     110.0,     110.0,       0.0);
     ( 502372.0, 3635075.9,     109.6,     109.6,       0.0);         ( 502422.0,
3635075.9,     110.0,     110.0,       0.0);
     ( 502472.0, 3635075.9,     110.1,     110.1,       0.0);         ( 502522.0,
3635075.9,     110.0,     110.0,       0.0);
     ( 502572.0, 3635075.9,     109.6,     109.6,       0.0);         ( 502622.0,
3635075.9,     109.1,     109.1,       0.0);
     ( 502672.0, 3635075.9,     109.1,     109.1,       0.0);         ( 504922.0,

3635075.9,     119.5,     336.0,       0.0);
     ( 504972.0, 3635075.9,     127.5,     207.6,       0.0);         ( 505022.0,
3635075.9,     145.5,     185.3,       0.0);
     ( 505072.0, 3635075.9,     147.2,     185.3,       0.0);         ( 505122.0,
3635075.9,     143.2,     185.3,       0.0);
     ( 505172.0, 3635075.9,     139.0,     185.3,       0.0);         ( 505222.0,
3635075.9,     142.9,     185.3,       0.0);
     ( 502222.0, 3635125.9,     110.9,     110.9,       0.0);         ( 502272.0,
3635125.9,     109.3,     109.3,       0.0);
     ( 502322.0, 3635125.9,     110.4,     110.4,       0.0);         ( 502372.0,
3635125.9,     110.4,     110.4,       0.0);
     ( 502422.0, 3635125.9,     110.6,     110.6,       0.0);         ( 502472.0,
3635125.9,     111.0,     111.0,       0.0);
     ( 502522.0, 3635125.9,     110.6,     110.6,       0.0);         ( 502572.0,
3635125.9,     110.1,     110.1,       0.0);
     ( 502622.0, 3635125.9,     109.8,     333.1,       0.0);         ( 502672.0,
3635125.9,     109.4,     333.1,       0.0);
     ( 505022.0, 3635125.9,     126.9,     185.3,       0.0);         ( 505072.0,
3635125.9,     130.6,     185.3,       0.0);
     ( 505122.0, 3635125.9,     126.7,     185.3,       0.0);         ( 505172.0,
3635125.9,     123.3,     185.3,       0.0);
     ( 505222.0, 3635125.9,     132.8,     185.3,       0.0);         ( 502222.0,
3635175.9,     111.7,     111.7,       0.0);
     ( 502272.0, 3635175.9,     110.1,     110.1,       0.0);         ( 502322.0,
3635175.9,     111.1,     111.1,       0.0);
     ( 502372.0, 3635175.9,     111.5,     111.5,       0.0);         ( 502422.0,
3635175.9,     111.7,     111.7,       0.0);
     ( 502472.0, 3635175.9,     111.8,     111.8,       0.0);         ( 502522.0,
3635175.9,     111.8,     111.8,       0.0);
     ( 502572.0, 3635175.9,     111.2,     333.1,       0.0);         ( 502622.0,
3635175.9,     110.4,     333.1,       0.0);
     ( 502672.0, 3635175.9,     110.3,     333.1,       0.0);         ( 505122.0,
3635175.9,     116.8,     279.6,       0.0);
     ( 505172.0, 3635175.9,     117.4,     279.6,       0.0);         ( 505222.0,
3635175.9,     120.7,     185.3,       0.0);
     ( 502222.0, 3635225.9,     112.1,     112.1,       0.0);         ( 502272.0,
3635225.9,     111.4,     111.4,       0.0);
     ( 502322.0, 3635225.9,     111.5,     111.5,       0.0);         ( 502372.0,
3635225.9,     111.7,     111.7,       0.0);
     ( 502422.0, 3635225.9,     111.9,     333.1,       0.0);         ( 502472.0,
3635225.9,     112.0,     333.1,       0.0);
     ( 502522.0, 3635225.9,     111.8,     333.1,       0.0);         ( 502572.0,
3635225.9,     111.5,     333.1,       0.0);
     ( 502622.0, 3635225.9,     111.3,     333.1,       0.0);         ( 502672.0,
3635225.9,     110.9,     333.1,       0.0);
     ( 502222.0, 3635275.9,     113.6,     255.1,       0.0);         ( 502272.0,
3635275.9,     111.9,     111.9,       0.0);
     ( 502322.0, 3635275.9,     112.8,     112.8,       0.0);         ( 502372.0,
3635275.9,     113.0,     333.1,       0.0);
     ( 502422.0, 3635275.9,     113.0,     333.1,       0.0);         ( 502472.0,

3635275.9,     113.0,     333.1,       0.0);
     ( 502522.0, 3635275.9,     113.6,     333.1,       0.0);         ( 502572.0,
3635275.9,     112.6,     333.1,       0.0);
     ( 502622.0, 3635275.9,     112.3,     333.1,       0.0);         ( 502672.0,
3635275.9,     112.1,     333.1,       0.0);
     ( 502222.0, 3635325.9,     114.4,     255.4,       0.0);         ( 502272.0,
3635325.9,     112.9,     333.1,       0.0);
     ( 502322.0, 3635325.9,     113.5,     333.1,       0.0);         ( 502372.0,
3635325.9,     114.0,     333.1,       0.0);
     ( 502422.0, 3635325.9,     114.3,     333.1,       0.0);         ( 502472.0,
3635325.9,     114.3,     333.1,       0.0);
     ( 502522.0, 3635325.9,     114.1,     333.1,       0.0);         ( 502572.0,
3635325.9,     113.4,     333.1,       0.0);
     ( 502622.0, 3635325.9,     113.2,     333.1,       0.0);         ( 502672.0,
3635325.9,     113.1,     333.1,       0.0);
     ( 502222.0, 3635375.9,     114.4,     333.1,       0.0);         ( 502272.0,
3635375.9,     113.6,     333.1,       0.0);
     ( 502322.0, 3635375.9,     114.2,     333.1,       0.0);         ( 502372.0,
3635375.9,     114.6,     333.1,       0.0);
     ( 502422.0, 3635375.9,     115.0,     333.1,       0.0);         ( 502472.0,
3635375.9,     115.3,     333.1,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 502522.0, 3635375.9,     114.3,     333.1,       0.0);         ( 502572.0,
3635375.9,     114.1,     333.1,       0.0);
     ( 502622.0, 3635375.9,     113.9,     333.1,       0.0);         ( 502672.0,
3635375.9,     113.7,     333.1,       0.0);
     ( 502222.0, 3635425.9,     115.6,     333.1,       0.0);         ( 502272.0,
3635425.9,     114.1,     333.1,       0.0);
     ( 502322.0, 3635425.9,     114.4,     333.1,       0.0);         ( 502372.0,
3635425.9,     114.7,     333.1,       0.0);
     ( 502422.0, 3635425.9,     115.0,     333.1,       0.0);         ( 502472.0,
3635425.9,     115.5,     333.1,       0.0);
     ( 502522.0, 3635425.9,     115.2,     333.1,       0.0);         ( 502572.0,
3635425.9,     114.8,     333.1,       0.0);
     ( 502622.0, 3635425.9,     114.6,     333.1,       0.0);         ( 502672.0,
3635425.9,     114.5,     333.1,       0.0);
     ( 504772.0, 3635425.9,     113.0,     279.6,       0.0);         ( 502222.0,
3635475.9,     115.5,     333.1,       0.0);
     ( 502272.0, 3635475.9,     115.0,     333.1,       0.0);         ( 502322.0,

3635475.9,     115.1,     333.1,       0.0);
     ( 502372.0, 3635475.9,     115.3,     333.1,       0.0);         ( 502422.0,
3635475.9,     115.6,     333.1,       0.0);
     ( 502472.0, 3635475.9,     116.8,     333.1,       0.0);         ( 502522.0,
3635475.9,     115.5,     333.1,       0.0);
     ( 502572.0, 3635475.9,     115.2,     333.1,       0.0);         ( 502622.0,
3635475.9,     115.0,     333.1,       0.0);
     ( 502672.0, 3635475.9,     115.8,     333.1,       0.0);         ( 504772.0,
3635475.9,     114.6,     279.6,       0.0);
     ( 504822.0, 3635475.9,     114.4,     279.6,       0.0);         ( 504872.0,
3635475.9,     114.8,     279.6,       0.0);
     ( 504922.0, 3635475.9,     114.7,     279.6,       0.0);         ( 502222.0,
3635525.9,     117.8,     333.1,       0.0);
     ( 502272.0, 3635525.9,     115.6,     333.1,       0.0);         ( 502322.0,
3635525.9,     115.7,     333.1,       0.0);
     ( 502372.0, 3635525.9,     115.5,     333.1,       0.0);         ( 502422.0,
3635525.9,     115.9,     333.1,       0.0);
     ( 502472.0, 3635525.9,     116.4,     333.1,       0.0);         ( 502522.0,
3635525.9,     116.0,     333.1,       0.0);
     ( 502572.0, 3635525.9,     116.0,     333.1,       0.0);         ( 502622.0,
3635525.9,     116.4,     333.1,       0.0);
     ( 502672.0, 3635525.9,     117.0,     333.1,       0.0);         ( 502722.0,
3635525.9,     117.4,     333.1,       0.0);
     ( 502772.0, 3635525.9,     117.3,     333.1,       0.0);         ( 502822.0,
3635525.9,     117.2,     333.1,       0.0);
     ( 502872.0, 3635525.9,     117.0,     333.1,       0.0);         ( 502922.0,
3635525.9,     116.9,     333.1,       0.0);
     ( 502972.0, 3635525.9,     116.9,     333.1,       0.0);         ( 503022.0,
3635525.9,     116.7,     333.1,       0.0);
     ( 503072.0, 3635525.9,     115.7,     333.1,       0.0);         ( 503122.0,
3635525.9,     113.4,     333.1,       0.0);
     ( 503172.0, 3635525.9,     113.3,     333.1,       0.0);         ( 503222.0,
3635525.9,     115.1,     333.1,       0.0);
     ( 503272.0, 3635525.9,     115.9,     333.1,       0.0);         ( 503322.0,
3635525.9,     116.1,     333.1,       0.0);
     ( 503372.0, 3635525.9,     116.4,     333.1,       0.0);         ( 503422.0,
3635525.9,     116.4,     333.1,       0.0);
     ( 503472.0, 3635525.9,     117.5,     333.1,       0.0);         ( 503522.0,
3635525.9,     118.0,     333.1,       0.0);
     ( 503572.0, 3635525.9,     116.5,     333.1,       0.0);         ( 503622.0,
3635525.9,     115.0,     333.1,       0.0);
     ( 503672.0, 3635525.9,     114.9,     333.1,       0.0);         ( 503722.0,
3635525.9,     115.4,     333.1,       0.0);
     ( 503772.0, 3635525.9,     116.1,     333.1,       0.0);         ( 503822.0,
3635525.9,     116.5,     333.1,       0.0);
     ( 503872.0, 3635525.9,     115.7,     333.1,       0.0);         ( 503922.0,
3635525.9,     116.3,     333.1,       0.0);
     ( 503972.0, 3635525.9,     116.6,     333.1,       0.0);         ( 504022.0,
3635525.9,     114.9,     333.1,       0.0);
     ( 504072.0, 3635525.9,     113.4,     333.1,       0.0);         ( 504122.0,

3635525.9,     113.0,     333.1,       0.0);
     ( 504172.0, 3635525.9,     113.2,     333.1,       0.0);         ( 504222.0,
3635525.9,     112.1,     333.1,       0.0);
     ( 504272.0, 3635525.9,     112.8,     333.1,       0.0);         ( 504322.0,
3635525.9,     112.8,     333.1,       0.0);
     ( 504372.0, 3635525.9,     112.6,     333.1,       0.0);         ( 504422.0,
3635525.9,     112.5,     333.1,       0.0);
     ( 504472.0, 3635525.9,     112.1,     333.1,       0.0);         ( 504522.0,
3635525.9,     112.2,     333.1,       0.0);
     ( 504572.0, 3635525.9,     113.2,     333.1,       0.0);         ( 504622.0,
3635525.9,     113.6,     333.1,       0.0);
     ( 504672.0, 3635525.9,     113.9,     333.1,       0.0);         ( 504722.0,
3635525.9,     114.7,     333.1,       0.0);
     ( 504772.0, 3635525.9,     114.7,     333.1,       0.0);         ( 504822.0,
3635525.9,     115.0,     279.6,       0.0);
     ( 504872.0, 3635525.9,     115.2,     279.6,       0.0);         ( 504922.0,
3635525.9,     114.5,     279.6,       0.0);
     ( 504972.0, 3635525.9,     115.0,     279.6,       0.0);         ( 505022.0,
3635525.9,     116.0,     279.6,       0.0);
     ( 505072.0, 3635525.9,     115.9,     279.6,       0.0);         ( 505122.0,
3635525.9,     115.6,     279.6,       0.0);
     ( 505172.0, 3635525.9,     115.2,     279.6,       0.0);         ( 505222.0,
3635525.9,     114.6,     279.6,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 502222.0, 3635575.9,     119.1,     333.1,       0.0);         ( 502272.0,
3635575.9,     116.4,     333.1,       0.0);
     ( 502322.0, 3635575.9,     115.9,     333.1,       0.0);         ( 502372.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 502422.0, 3635575.9,     116.7,     333.1,       0.0);         ( 502472.0,
3635575.9,     116.6,     333.1,       0.0);
     ( 502522.0, 3635575.9,     116.2,     333.1,       0.0);         ( 502572.0,
3635575.9,     116.4,     333.1,       0.0);
     ( 502622.0, 3635575.9,     116.9,     333.1,       0.0);         ( 502672.0,
3635575.9,     117.6,     333.1,       0.0);
     ( 502722.0, 3635575.9,     117.9,     333.1,       0.0);         ( 502772.0,
3635575.9,     117.6,     333.1,       0.0);
     ( 502822.0, 3635575.9,     117.5,     333.1,       0.0);         ( 502872.0,
3635575.9,     117.5,     333.1,       0.0);
     ( 502922.0, 3635575.9,     117.4,     333.1,       0.0);         ( 502972.0,

3635575.9,     117.7,     333.1,       0.0);
     ( 503022.0, 3635575.9,     117.7,     333.1,       0.0);         ( 503072.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 503122.0, 3635575.9,     113.4,     333.1,       0.0);         ( 503172.0,
3635575.9,     113.3,     333.1,       0.0);
     ( 503222.0, 3635575.9,     117.5,     333.1,       0.0);         ( 503272.0,
3635575.9,     118.4,     333.1,       0.0);
     ( 503322.0, 3635575.9,     118.4,     333.1,       0.0);         ( 503372.0,
3635575.9,     118.9,     333.1,       0.0);
     ( 503422.0, 3635575.9,     118.9,     333.1,       0.0);         ( 503472.0,
3635575.9,     120.2,     333.1,       0.0);
     ( 503522.0, 3635575.9,     120.5,     333.1,       0.0);         ( 503572.0,
3635575.9,     118.7,     333.1,       0.0);
     ( 503622.0, 3635575.9,     116.5,     333.1,       0.0);         ( 503672.0,
3635575.9,     116.1,     333.1,       0.0);
     ( 503722.0, 3635575.9,     116.1,     333.1,       0.0);         ( 503772.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 503822.0, 3635575.9,     116.1,     333.1,       0.0);         ( 503872.0,
3635575.9,     116.2,     333.1,       0.0);
     ( 503922.0, 3635575.9,     116.3,     333.1,       0.0);         ( 503972.0,
3635575.9,     116.6,     333.1,       0.0);
     ( 504022.0, 3635575.9,     113.5,     333.1,       0.0);         ( 504072.0,
3635575.9,     113.2,     333.1,       0.0);
     ( 504122.0, 3635575.9,     113.3,     333.1,       0.0);         ( 504172.0,
3635575.9,     113.3,     333.1,       0.0);
     ( 504222.0, 3635575.9,     113.1,     333.1,       0.0);         ( 504272.0,
3635575.9,     112.3,     333.1,       0.0);
     ( 504322.0, 3635575.9,     112.6,     333.1,       0.0);         ( 504372.0,
3635575.9,     112.8,     333.1,       0.0);
     ( 504422.0, 3635575.9,     112.8,     333.1,       0.0);         ( 504472.0,
3635575.9,     112.3,     333.1,       0.0);
     ( 504522.0, 3635575.9,     112.6,     333.1,       0.0);         ( 504572.0,
3635575.9,     112.4,     333.1,       0.0);
     ( 504622.0, 3635575.9,     113.6,     333.1,       0.0);         ( 504672.0,
3635575.9,     113.8,     333.1,       0.0);
     ( 504722.0, 3635575.9,     114.1,     333.1,       0.0);         ( 504772.0,
3635575.9,     114.6,     333.1,       0.0);
     ( 504822.0, 3635575.9,     115.1,     333.1,       0.0);         ( 504872.0,
3635575.9,     114.9,     333.1,       0.0);
     ( 504922.0, 3635575.9,     114.2,     279.6,       0.0);         ( 504972.0,
3635575.9,     115.0,     279.6,       0.0);
     ( 505022.0, 3635575.9,     115.7,     279.6,       0.0);         ( 505072.0,
3635575.9,     116.0,     279.6,       0.0);
     ( 505122.0, 3635575.9,     117.9,     279.6,       0.0);         ( 505172.0,
3635575.9,     115.5,     279.6,       0.0);
     ( 505222.0, 3635575.9,     116.3,     279.6,       0.0);         ( 502222.0,
3635625.9,     120.8,     333.1,       0.0);
     ( 502272.0, 3635625.9,     118.3,     333.1,       0.0);         ( 502322.0,
3635625.9,     117.5,     333.1,       0.0);
     ( 502372.0, 3635625.9,     116.7,     333.1,       0.0);         ( 502422.0,

3635625.9,     118.4,     333.1,       0.0);
     ( 502472.0, 3635625.9,     118.7,     333.1,       0.0);         ( 502522.0,
3635625.9,     118.7,     333.1,       0.0);
     ( 502572.0, 3635625.9,     117.4,     333.1,       0.0);         ( 502622.0,
3635625.9,     117.0,     333.1,       0.0);
     ( 502672.0, 3635625.9,     117.8,     333.1,       0.0);         ( 502722.0,
3635625.9,     118.4,     333.1,       0.0);
     ( 502772.0, 3635625.9,     118.5,     333.1,       0.0);         ( 502822.0,
3635625.9,     118.8,     333.1,       0.0);
     ( 502872.0, 3635625.9,     119.2,     333.1,       0.0);         ( 502922.0,
3635625.9,     119.5,     333.1,       0.0);
     ( 502972.0, 3635625.9,     119.8,     333.1,       0.0);         ( 503022.0,
3635625.9,     120.2,     333.1,       0.0);
     ( 503072.0, 3635625.9,     120.3,     333.1,       0.0);         ( 503122.0,
3635625.9,     120.3,     333.1,       0.0);
     ( 503172.0, 3635625.9,     120.6,     333.1,       0.0);         ( 503222.0,
3635625.9,     121.3,     333.1,       0.0);
     ( 503272.0, 3635625.9,     121.1,     333.1,       0.0);         ( 503322.0,
3635625.9,     121.0,     333.1,       0.0);
     ( 503372.0, 3635625.9,     120.2,     333.1,       0.0);         ( 503422.0,
3635625.9,     120.2,     333.1,       0.0);
     ( 503472.0, 3635625.9,     122.9,     333.1,       0.0);         ( 503522.0,
3635625.9,     123.4,     333.1,       0.0);
     ( 503572.0, 3635625.9,     120.6,     333.1,       0.0);         ( 503622.0,
3635625.9,     118.5,     333.1,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 503672.0, 3635625.9,     118.0,     333.1,       0.0);         ( 503722.0,
3635625.9,     117.7,     333.1,       0.0);
     ( 503772.0, 3635625.9,     117.6,     333.1,       0.0);         ( 503822.0,
3635625.9,     117.1,     333.1,       0.0);
     ( 503872.0, 3635625.9,     115.8,     333.1,       0.0);         ( 503922.0,
3635625.9,     116.2,     333.1,       0.0);
     ( 503972.0, 3635625.9,     116.2,     333.1,       0.0);         ( 504022.0,
3635625.9,     114.0,     333.1,       0.0);
     ( 504072.0, 3635625.9,     113.4,     333.1,       0.0);         ( 504122.0,
3635625.9,     113.4,     333.1,       0.0);
     ( 504172.0, 3635625.9,     113.4,     333.1,       0.0);         ( 504222.0,
3635625.9,     113.7,     333.1,       0.0);
     ( 504272.0, 3635625.9,     113.5,     333.1,       0.0);         ( 504322.0,

3635625.9,     112.5,     333.1,       0.0);
     ( 504372.0, 3635625.9,     112.6,     333.1,       0.0);         ( 504422.0,
3635625.9,     113.0,     333.1,       0.0);
     ( 504472.0, 3635625.9,     112.8,     333.1,       0.0);         ( 504522.0,
3635625.9,     112.8,     333.1,       0.0);
     ( 504572.0, 3635625.9,     112.5,     333.1,       0.0);         ( 504622.0,
3635625.9,     113.0,     333.1,       0.0);
     ( 504672.0, 3635625.9,     113.2,     333.1,       0.0);         ( 504722.0,
3635625.9,     113.8,     333.1,       0.0);
     ( 504772.0, 3635625.9,     114.5,     333.1,       0.0);         ( 504822.0,
3635625.9,     114.9,     333.1,       0.0);
     ( 504872.0, 3635625.9,     114.8,     333.1,       0.0);         ( 504922.0,
3635625.9,     114.1,     333.1,       0.0);
     ( 504972.0, 3635625.9,     115.1,     279.6,       0.0);         ( 505022.0,
3635625.9,     114.2,     279.6,       0.0);
     ( 505072.0, 3635625.9,     114.2,     279.6,       0.0);         ( 505122.0,
3635625.9,     116.1,     279.6,       0.0);
     ( 505172.0, 3635625.9,     115.6,     279.6,       0.0);         ( 505222.0,
3635625.9,     115.3,     279.6,       0.0);
     ( 502222.0, 3635675.9,     122.8,     333.1,       0.0);         ( 502272.0,
3635675.9,     120.2,     333.1,       0.0);
     ( 502322.0, 3635675.9,     119.7,     333.1,       0.0);         ( 502372.0,
3635675.9,     119.0,     333.1,       0.0);
     ( 502422.0, 3635675.9,     119.5,     333.1,       0.0);         ( 502472.0,
3635675.9,     119.4,     333.1,       0.0);
     ( 502522.0, 3635675.9,     119.3,     333.1,       0.0);         ( 502572.0,
3635675.9,     118.5,     333.1,       0.0);
     ( 502622.0, 3635675.9,     118.1,     333.1,       0.0);         ( 502672.0,
3635675.9,     118.2,     333.1,       0.0);
     ( 502722.0, 3635675.9,     119.0,     333.1,       0.0);         ( 502772.0,
3635675.9,     120.4,     333.1,       0.0);
     ( 502822.0, 3635675.9,     120.7,     333.1,       0.0);         ( 502872.0,
3635675.9,     121.3,     333.1,       0.0);
     ( 502922.0, 3635675.9,     123.6,     333.1,       0.0);         ( 502972.0,
3635675.9,     123.2,     333.1,       0.0);
     ( 503022.0, 3635675.9,     124.6,     333.1,       0.0);         ( 503072.0,
3635675.9,     124.8,     333.1,       0.0);
     ( 503122.0, 3635675.9,     125.4,     333.1,       0.0);         ( 503172.0,
3635675.9,     125.8,     333.1,       0.0);
     ( 503222.0, 3635675.9,     124.7,     333.1,       0.0);         ( 503272.0,
3635675.9,     124.3,     333.1,       0.0);
     ( 503322.0, 3635675.9,     124.6,     333.1,       0.0);         ( 503372.0,
3635675.9,     124.2,     333.1,       0.0);
     ( 503422.0, 3635675.9,     123.1,     333.1,       0.0);         ( 503472.0,
3635675.9,     124.2,     333.1,       0.0);
     ( 503522.0, 3635675.9,     125.0,     333.1,       0.0);         ( 503572.0,
3635675.9,     122.0,     333.1,       0.0);
     ( 503622.0, 3635675.9,     119.9,     333.1,       0.0);         ( 503672.0,
3635675.9,     118.8,     333.1,       0.0);
     ( 503722.0, 3635675.9,     119.1,     333.1,       0.0);         ( 503772.0,

3635675.9,     119.0,     333.1,       0.0);
     ( 503822.0, 3635675.9,     118.0,     333.1,       0.0);         ( 503872.0,
3635675.9,     116.8,     333.1,       0.0);
     ( 503922.0, 3635675.9,     117.2,     333.1,       0.0);         ( 503972.0,
3635675.9,     116.7,     333.1,       0.0);
     ( 504022.0, 3635675.9,     114.6,     333.1,       0.0);         ( 504072.0,
3635675.9,     114.0,     333.1,       0.0);
     ( 504122.0, 3635675.9,     113.5,     333.1,       0.0);         ( 504172.0,
3635675.9,     113.5,     333.1,       0.0);
     ( 504222.0, 3635675.9,     113.5,     333.1,       0.0);         ( 504272.0,
3635675.9,     113.7,     333.1,       0.0);
     ( 504322.0, 3635675.9,     113.3,     333.1,       0.0);         ( 504372.0,
3635675.9,     112.6,     333.1,       0.0);
     ( 504422.0, 3635675.9,     112.6,     333.1,       0.0);         ( 504472.0,
3635675.9,     113.2,     333.1,       0.0);
     ( 504522.0, 3635675.9,     113.8,     333.1,       0.0);         ( 504572.0,
3635675.9,     113.0,     333.1,       0.0);
     ( 504622.0, 3635675.9,     113.8,     333.1,       0.0);         ( 504672.0,
3635675.9,     113.3,     333.1,       0.0);
     ( 504722.0, 3635675.9,     113.4,     333.1,       0.0);         ( 504772.0,
3635675.9,     115.6,     333.1,       0.0);
     ( 504822.0, 3635675.9,     114.8,     333.1,       0.0);         ( 504872.0,
3635675.9,     114.7,     333.1,       0.0);
     ( 504922.0, 3635675.9,     114.1,     333.1,       0.0);         ( 504972.0,
3635675.9,     115.1,     333.1,       0.0);
     ( 505022.0, 3635675.9,     114.9,     279.6,       0.0);         ( 505072.0,
3635675.9,     114.3,     279.6,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     ( 505122.0, 3635675.9,     116.0,     279.6,       0.0);         ( 505172.0,
3635675.9,     116.0,     279.6,       0.0);
     ( 505222.0, 3635675.9,     115.5,     279.6,       0.0);         ( 502222.0,
3635725.9,     124.5,     333.1,       0.0);
     ( 502272.0, 3635725.9,     121.4,     333.1,       0.0);         ( 502322.0,
3635725.9,     120.3,     333.1,       0.0);
     ( 502372.0, 3635725.9,     119.3,     333.1,       0.0);         ( 502422.0,
3635725.9,     120.1,     333.1,       0.0);
     ( 502472.0, 3635725.9,     119.9,     333.1,       0.0);         ( 502522.0,
3635725.9,     120.2,     333.1,       0.0);
     ( 502572.0, 3635725.9,     118.9,     333.1,       0.0);         ( 502622.0,

3635725.9,     118.3,     333.1,       0.0);
     ( 502672.0, 3635725.9,     118.8,     333.1,       0.0);         ( 502722.0,
3635725.9,     119.5,     333.1,       0.0);
     ( 502772.0, 3635725.9,     120.8,     333.1,       0.0);         ( 502822.0,
3635725.9,     121.6,     333.1,       0.0);
     ( 502872.0, 3635725.9,     122.3,     333.1,       0.0);         ( 502922.0,
3635725.9,     126.0,     333.1,       0.0);
     ( 502972.0, 3635725.9,     126.6,     333.1,       0.0);         ( 503022.0,
3635725.9,     128.4,     333.1,       0.0);
     ( 503072.0, 3635725.9,     127.8,     333.1,       0.0);         ( 503122.0,
3635725.9,     128.8,     333.1,       0.0);
     ( 503172.0, 3635725.9,     128.9,     333.1,       0.0);         ( 503222.0,
3635725.9,     126.6,     333.1,       0.0);
     ( 503272.0, 3635725.9,     126.5,     333.1,       0.0);         ( 503322.0,
3635725.9,     126.9,     333.1,       0.0);
     ( 503372.0, 3635725.9,     126.8,     333.1,       0.0);         ( 503422.0,
3635725.9,     124.7,     333.1,       0.0);
     ( 503472.0, 3635725.9,     124.5,     333.1,       0.0);         ( 503522.0,
3635725.9,     124.8,     333.1,       0.0);
     ( 503572.0, 3635725.9,     122.0,     333.1,       0.0);         ( 503622.0,
3635725.9,     121.4,     333.1,       0.0);
     ( 503672.0, 3635725.9,     119.6,     333.1,       0.0);         ( 503722.0,
3635725.9,     120.0,     333.1,       0.0);
     ( 503772.0, 3635725.9,     119.7,     333.1,       0.0);         ( 503822.0,
3635725.9,     118.5,     333.1,       0.0);
     ( 503872.0, 3635725.9,     117.4,     333.1,       0.0);         ( 503922.0,
3635725.9,     117.6,     333.1,       0.0);
     ( 503972.0, 3635725.9,     117.3,     333.1,       0.0);         ( 504022.0,
3635725.9,     115.3,     333.1,       0.0);
     ( 504072.0, 3635725.9,     114.8,     333.1,       0.0);         ( 504122.0,
3635725.9,     114.1,     333.1,       0.0);
     ( 504172.0, 3635725.9,     114.0,     333.1,       0.0);         ( 504222.0,
3635725.9,     114.7,     333.1,       0.0);
     ( 504272.0, 3635725.9,     114.6,     333.1,       0.0);         ( 504322.0,
3635725.9,     113.7,     333.1,       0.0);
     ( 504372.0, 3635725.9,     113.5,     333.1,       0.0);         ( 504422.0,
3635725.9,     113.0,     333.1,       0.0);
     ( 504472.0, 3635725.9,     113.8,     333.1,       0.0);         ( 504522.0,
3635725.9,     114.2,     333.1,       0.0);
     ( 504572.0, 3635725.9,     113.7,     333.1,       0.0);         ( 504622.0,
3635725.9,     114.0,     333.1,       0.0);
     ( 504672.0, 3635725.9,     114.2,     333.1,       0.0);         ( 504722.0,
3635725.9,     113.6,     333.1,       0.0);
     ( 504772.0, 3635725.9,     113.6,     333.1,       0.0);         ( 504822.0,
3635725.9,     114.3,     333.1,       0.0);
     ( 504872.0, 3635725.9,     114.0,     333.1,       0.0);         ( 504922.0,
3635725.9,     114.1,     333.1,       0.0);
     ( 504972.0, 3635725.9,     115.1,     333.1,       0.0);         ( 505022.0,
3635725.9,     115.5,     279.6,       0.0);
     ( 505072.0, 3635725.9,     114.8,     279.6,       0.0);         ( 505122.0,

3635725.9,     116.0,     279.6,       0.0);
     ( 505172.0, 3635725.9,     116.0,     279.6,       0.0);         ( 505222.0,
3635725.9,     115.8,     279.6,       0.0);
     ( 502222.0, 3635775.9,     125.7,     333.1,       0.0);         ( 502272.0,
3635775.9,     122.0,     333.1,       0.0);
     ( 502322.0, 3635775.9,     121.1,     333.1,       0.0);         ( 502372.0,
3635775.9,     119.9,     333.1,       0.0);
     ( 502422.0, 3635775.9,     120.5,     333.1,       0.0);         ( 502472.0,
3635775.9,     120.5,     333.1,       0.0);
     ( 502522.0, 3635775.9,     120.7,     333.1,       0.0);         ( 502572.0,
3635775.9,     120.2,     333.1,       0.0);
     ( 502622.0, 3635775.9,     120.0,     333.1,       0.0);         ( 502672.0,
3635775.9,     120.2,     333.1,       0.0);
     ( 502722.0, 3635775.9,     119.8,     343.5,       0.0);         ( 502772.0,
3635775.9,     120.3,     343.5,       0.0);
     ( 502822.0, 3635775.9,     121.5,     333.1,       0.0);         ( 502872.0,
3635775.9,     123.0,     333.1,       0.0);
     ( 502922.0, 3635775.9,     126.9,     333.1,       0.0);         ( 502972.0,
3635775.9,     127.4,     333.1,       0.0);
     ( 503022.0, 3635775.9,     130.3,     333.1,       0.0);         ( 503072.0,
3635775.9,     130.2,     333.1,       0.0);
     ( 503122.0, 3635775.9,     130.4,     333.1,       0.0);         ( 503172.0,
3635775.9,     129.6,     333.1,       0.0);
     ( 503222.0, 3635775.9,     135.3,     333.1,       0.0);         ( 503272.0,
3635775.9,     137.7,     333.1,       0.0);
     ( 503322.0, 3635775.9,     135.5,     333.1,       0.0);         ( 503372.0,
3635775.9,     130.7,     333.1,       0.0);
     ( 503422.0, 3635775.9,     127.4,     333.1,       0.0);         ( 503472.0,
3635775.9,     126.5,     333.1,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 503522.0, 3635775.9,     128.5,     333.1,       0.0);         ( 503572.0,
3635775.9,     125.5,     333.1,       0.0);
     ( 503622.0, 3635775.9,     124.4,     333.1,       0.0);         ( 503672.0,
3635775.9,     121.6,     333.1,       0.0);
     ( 503722.0, 3635775.9,     120.1,     333.1,       0.0);         ( 503772.0,
3635775.9,     120.2,     333.1,       0.0);
     ( 503822.0, 3635775.9,     119.5,     333.1,       0.0);         ( 503872.0,
3635775.9,     119.4,     333.1,       0.0);
     ( 503922.0, 3635775.9,     120.4,     333.1,       0.0);         ( 503972.0,

3635775.9,     119.3,     333.1,       0.0);
     ( 504022.0, 3635775.9,     116.3,     333.1,       0.0);         ( 504072.0,
3635775.9,     116.8,     333.1,       0.0);
     ( 504122.0, 3635775.9,     115.6,     333.1,       0.0);         ( 504172.0,
3635775.9,     115.4,     333.1,       0.0);
     ( 504222.0, 3635775.9,     115.7,     333.1,       0.0);         ( 504272.0,
3635775.9,     115.7,     333.1,       0.0);
     ( 504322.0, 3635775.9,     114.7,     333.1,       0.0);         ( 504372.0,
3635775.9,     114.1,     333.1,       0.0);
     ( 504422.0, 3635775.9,     113.7,     333.1,       0.0);         ( 504472.0,
3635775.9,     114.3,     333.1,       0.0);
     ( 504522.0, 3635775.9,     114.5,     333.1,       0.0);         ( 504572.0,
3635775.9,     114.0,     333.1,       0.0);
     ( 504622.0, 3635775.9,     114.3,     333.1,       0.0);         ( 504672.0,
3635775.9,     114.1,     333.1,       0.0);
     ( 504722.0, 3635775.9,     113.8,     333.1,       0.0);         ( 504772.0,
3635775.9,     113.9,     333.1,       0.0);
     ( 504822.0, 3635775.9,     114.0,     333.1,       0.0);         ( 504872.0,
3635775.9,     114.0,     333.1,       0.0);
     ( 504922.0, 3635775.9,     114.1,     333.1,       0.0);         ( 504972.0,
3635775.9,     115.2,     333.1,       0.0);
     ( 505022.0, 3635775.9,     115.5,     333.1,       0.0);         ( 505072.0,
3635775.9,     114.9,     279.6,       0.0);
     ( 505122.0, 3635775.9,     115.5,     279.6,       0.0);         ( 505172.0,
3635775.9,     115.8,     279.6,       0.0);
     ( 505222.0, 3635775.9,     116.0,     279.6,       0.0);         ( 502222.0,
3635825.9,     126.7,     333.1,       0.0);
     ( 502272.0, 3635825.9,     122.6,     333.1,       0.0);         ( 502322.0,
3635825.9,     121.6,     333.1,       0.0);
     ( 502372.0, 3635825.9,     120.3,     333.1,       0.0);         ( 502422.0,
3635825.9,     121.1,     340.7,       0.0);
     ( 502472.0, 3635825.9,     120.9,     343.5,       0.0);         ( 502522.0,
3635825.9,     121.2,     343.5,       0.0);
     ( 502572.0, 3635825.9,     120.7,     352.4,       0.0);         ( 502622.0,
3635825.9,     120.5,     352.4,       0.0);
     ( 502672.0, 3635825.9,     120.6,     352.4,       0.0);         ( 502722.0,
3635825.9,     120.9,     352.4,       0.0);
     ( 502772.0, 3635825.9,     120.9,     352.4,       0.0);         ( 502822.0,
3635825.9,     122.0,     352.4,       0.0);
     ( 502872.0, 3635825.9,     123.5,     352.4,       0.0);         ( 502922.0,
3635825.9,     127.6,     333.1,       0.0);
     ( 502972.0, 3635825.9,     127.8,     333.1,       0.0);         ( 503022.0,
3635825.9,     132.4,     333.1,       0.0);
     ( 503072.0, 3635825.9,     133.6,     333.1,       0.0);         ( 503122.0,
3635825.9,     133.0,     333.1,       0.0);
     ( 503172.0, 3635825.9,     131.9,     333.1,       0.0);         ( 503222.0,
3635825.9,     138.8,     333.1,       0.0);
     ( 503272.0, 3635825.9,     139.4,     333.1,       0.0);         ( 503322.0,
3635825.9,     137.4,     333.1,       0.0);
     ( 503372.0, 3635825.9,     131.7,     333.1,       0.0);         ( 503422.0,

3635825.9,     129.7,     333.1,       0.0);
     ( 503472.0, 3635825.9,     128.2,     333.1,       0.0);         ( 503522.0,
3635825.9,     135.7,     333.1,       0.0);
     ( 503572.0, 3635825.9,     134.0,     333.1,       0.0);         ( 503622.0,
3635825.9,     129.7,     333.1,       0.0);
     ( 503672.0, 3635825.9,     124.4,     333.1,       0.0);         ( 503722.0,
3635825.9,     122.2,     333.1,       0.0);
     ( 503772.0, 3635825.9,     120.7,     333.1,       0.0);         ( 503822.0,
3635825.9,     120.6,     333.1,       0.0);
     ( 503872.0, 3635825.9,     120.4,     333.1,       0.0);         ( 503922.0,
3635825.9,     120.7,     333.1,       0.0);
     ( 503972.0, 3635825.9,     120.8,     333.1,       0.0);         ( 504022.0,
3635825.9,     117.5,     333.1,       0.0);
     ( 504072.0, 3635825.9,     119.2,     333.1,       0.0);         ( 504122.0,
3635825.9,     118.7,     333.1,       0.0);
     ( 504172.0, 3635825.9,     117.0,     333.1,       0.0);         ( 504222.0,
3635825.9,     116.9,     333.1,       0.0);
     ( 504272.0, 3635825.9,     117.5,     333.1,       0.0);         ( 504322.0,
3635825.9,     116.3,     333.1,       0.0);
     ( 504372.0, 3635825.9,     115.2,     333.1,       0.0);         ( 504422.0,
3635825.9,     114.7,     333.1,       0.0);
     ( 504472.0, 3635825.9,     114.9,     333.1,       0.0);         ( 504522.0,
3635825.9,     115.3,     333.1,       0.0);
     ( 504572.0, 3635825.9,     114.6,     333.1,       0.0);         ( 504622.0,
3635825.9,     114.6,     333.1,       0.0);
     ( 504672.0, 3635825.9,     114.3,     333.1,       0.0);         ( 504722.0,
3635825.9,     113.7,     333.1,       0.0);
     ( 504772.0, 3635825.9,     113.8,     333.1,       0.0);         ( 504822.0,
3635825.9,     114.2,     333.1,       0.0);
     ( 504872.0, 3635825.9,     114.4,     333.1,       0.0);         ( 504922.0,
3635825.9,     114.3,     333.1,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504972.0, 3635825.9,     114.8,     333.1,       0.0);         ( 505022.0,
3635825.9,     115.1,     333.1,       0.0);
     ( 505072.0, 3635825.9,     115.4,     333.1,       0.0);         ( 505122.0,
3635825.9,     115.3,     279.6,       0.0);
     ( 505172.0, 3635825.9,     115.8,     279.6,       0.0);         ( 505222.0,
3635825.9,     116.0,     279.6,       0.0);
     ( 502222.0, 3635875.9,     127.4,     333.1,       0.0);         ( 502272.0,

3635875.9,     123.0,     333.1,       0.0);
     ( 502322.0, 3635875.9,     121.6,     343.5,       0.0);         ( 502372.0,
3635875.9,     120.8,     352.4,       0.0);
     ( 502422.0, 3635875.9,     121.5,     352.4,       0.0);         ( 502472.0,
3635875.9,     121.4,     352.4,       0.0);
     ( 502522.0, 3635875.9,     122.0,     352.4,       0.0);         ( 502572.0,
3635875.9,     121.5,     352.4,       0.0);
     ( 502622.0, 3635875.9,     122.1,     352.4,       0.0);         ( 502672.0,
3635875.9,     122.1,     352.4,       0.0);
     ( 502722.0, 3635875.9,     121.9,     352.4,       0.0);         ( 502772.0,
3635875.9,     121.9,     363.2,       0.0);
     ( 502822.0, 3635875.9,     123.1,     363.2,       0.0);         ( 502872.0,
3635875.9,     124.4,     352.4,       0.0);
     ( 502922.0, 3635875.9,     129.9,     352.4,       0.0);         ( 502972.0,
3635875.9,     129.7,     352.4,       0.0);
     ( 503022.0, 3635875.9,     134.1,     333.1,       0.0);         ( 503072.0,
3635875.9,     135.1,     333.1,       0.0);
     ( 503122.0, 3635875.9,     134.8,     333.1,       0.0);         ( 503172.0,
3635875.9,     133.6,     333.1,       0.0);
     ( 503222.0, 3635875.9,     135.5,     333.1,       0.0);         ( 503272.0,
3635875.9,     137.8,     333.1,       0.0);
     ( 503322.0, 3635875.9,     133.9,     333.1,       0.0);         ( 503372.0,
3635875.9,     133.1,     333.1,       0.0);
     ( 503422.0, 3635875.9,     131.0,     333.1,       0.0);         ( 503472.0,
3635875.9,     131.5,     333.1,       0.0);
     ( 503522.0, 3635875.9,     143.4,     333.1,       0.0);         ( 503572.0,
3635875.9,     135.4,     333.1,       0.0);
     ( 503622.0, 3635875.9,     129.4,     333.1,       0.0);         ( 503672.0,
3635875.9,     124.3,     333.1,       0.0);
     ( 503722.0, 3635875.9,     122.6,     333.1,       0.0);         ( 503772.0,
3635875.9,     121.6,     333.1,       0.0);
     ( 503822.0, 3635875.9,     121.7,     333.1,       0.0);         ( 503872.0,
3635875.9,     122.5,     333.1,       0.0);
     ( 503922.0, 3635875.9,     121.9,     333.1,       0.0);         ( 503972.0,
3635875.9,     121.4,     333.1,       0.0);
     ( 504022.0, 3635875.9,     119.3,     333.1,       0.0);         ( 504072.0,
3635875.9,     120.6,     333.1,       0.0);
     ( 504122.0, 3635875.9,     120.0,     333.1,       0.0);         ( 504172.0,
3635875.9,     119.0,     333.1,       0.0);
     ( 504222.0, 3635875.9,     119.5,     333.1,       0.0);         ( 504272.0,
3635875.9,     119.6,     333.1,       0.0);
     ( 504322.0, 3635875.9,     118.2,     333.1,       0.0);         ( 504372.0,
3635875.9,     117.2,     333.1,       0.0);
     ( 504422.0, 3635875.9,     116.9,     333.1,       0.0);         ( 504472.0,
3635875.9,     115.8,     333.1,       0.0);
     ( 504522.0, 3635875.9,     115.6,     333.1,       0.0);         ( 504572.0,
3635875.9,     115.3,     333.1,       0.0);
     ( 504622.0, 3635875.9,     115.1,     333.1,       0.0);         ( 504672.0,
3635875.9,     114.8,     333.1,       0.0);
     ( 504722.0, 3635875.9,     113.8,     333.1,       0.0);         ( 504772.0,

3635875.9,     113.9,     333.1,       0.0);
     ( 504822.0, 3635875.9,     114.3,     333.1,       0.0);         ( 504872.0,
3635875.9,     114.3,     333.1,       0.0);
     ( 504922.0, 3635875.9,     114.4,     333.1,       0.0);         ( 504972.0,
3635875.9,     115.1,     333.1,       0.0);
     ( 505022.0, 3635875.9,     114.9,     333.1,       0.0);         ( 505072.0,
3635875.9,     114.8,     333.1,       0.0);
     ( 505122.0, 3635875.9,     115.3,     333.1,       0.0);         ( 505172.0,
3635875.9,     115.6,     279.6,       0.0);
     ( 505222.0, 3635875.9,     116.0,     279.6,       0.0);         ( 502222.0,
3635925.9,     128.5,     333.1,       0.0);
     ( 502272.0, 3635925.9,     123.7,     352.4,       0.0);         ( 502322.0,
3635925.9,     122.6,     352.4,       0.0);
     ( 502372.0, 3635925.9,     121.2,     352.4,       0.0);         ( 502422.0,
3635925.9,     121.9,     352.4,       0.0);
     ( 502472.0, 3635925.9,     121.9,     352.4,       0.0);         ( 502522.0,
3635925.9,     123.0,     352.4,       0.0);
     ( 502572.0, 3635925.9,     122.8,     363.2,       0.0);         ( 502622.0,
3635925.9,     123.1,     363.2,       0.0);
     ( 502672.0, 3635925.9,     123.1,     363.2,       0.0);         ( 502722.0,
3635925.9,     123.0,     363.2,       0.0);
     ( 502772.0, 3635925.9,     122.8,     363.2,       0.0);         ( 502822.0,
3635925.9,     124.4,     363.2,       0.0);
     ( 502872.0, 3635925.9,     125.4,     363.2,       0.0);         ( 502922.0,
3635925.9,     130.9,     352.4,       0.0);
     ( 502972.0, 3635925.9,     131.4,     352.4,       0.0);         ( 503022.0,
3635925.9,     135.2,     352.4,       0.0);
     ( 503072.0, 3635925.9,     136.5,     333.1,       0.0);         ( 503122.0,
3635925.9,     136.2,     333.1,       0.0);
     ( 503172.0, 3635925.9,     136.0,     333.1,       0.0);         ( 503222.0,
3635925.9,     136.9,     333.1,       0.0);
     ( 503272.0, 3635925.9,     136.5,     333.1,       0.0);         ( 503322.0,
3635925.9,     134.7,     333.1,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 503372.0, 3635925.9,     133.2,     333.1,       0.0);         ( 503422.0,
3635925.9,     132.4,     333.1,       0.0);
     ( 503472.0, 3635925.9,     137.7,     333.1,       0.0);         ( 503522.0,
3635925.9,     143.9,     333.1,       0.0);
     ( 503572.0, 3635925.9,     137.4,     333.1,       0.0);         ( 503622.0,

3635925.9,     127.9,     333.1,       0.0);
     ( 503672.0, 3635925.9,     124.9,     363.2,       0.0);         ( 503722.0,
3635925.9,     123.9,     363.2,       0.0);
     ( 503772.0, 3635925.9,     123.6,     363.2,       0.0);         ( 503822.0,
3635925.9,     123.0,     333.1,       0.0);
     ( 503872.0, 3635925.9,     122.2,     333.1,       0.0);         ( 503922.0,
3635925.9,     122.0,     333.1,       0.0);
     ( 503972.0, 3635925.9,     122.0,     333.1,       0.0);         ( 504022.0,
3635925.9,     120.8,     333.1,       0.0);
     ( 504072.0, 3635925.9,     121.0,     333.1,       0.0);         ( 504122.0,
3635925.9,     121.2,     333.1,       0.0);
     ( 504172.0, 3635925.9,     121.5,     333.1,       0.0);         ( 504222.0,
3635925.9,     122.4,     333.1,       0.0);
     ( 504272.0, 3635925.9,     121.2,     333.1,       0.0);         ( 504322.0,
3635925.9,     119.9,     333.1,       0.0);
     ( 504372.0, 3635925.9,     119.7,     333.1,       0.0);         ( 504422.0,
3635925.9,     119.5,     333.1,       0.0);
     ( 504472.0, 3635925.9,     118.6,     333.1,       0.0);         ( 504522.0,
3635925.9,     117.4,     333.1,       0.0);
     ( 504572.0, 3635925.9,     116.2,     333.1,       0.0);         ( 504622.0,
3635925.9,     115.1,     333.1,       0.0);
     ( 504672.0, 3635925.9,     115.3,     333.1,       0.0);         ( 504722.0,
3635925.9,     114.9,     333.1,       0.0);
     ( 504772.0, 3635925.9,     114.5,     333.1,       0.0);         ( 504822.0,
3635925.9,     114.0,     333.1,       0.0);
     ( 504872.0, 3635925.9,     114.2,     333.1,       0.0);         ( 504922.0,
3635925.9,     114.3,     333.1,       0.0);
     ( 504972.0, 3635925.9,     115.3,     333.1,       0.0);         ( 505022.0,
3635925.9,     115.7,     333.1,       0.0);
     ( 505072.0, 3635925.9,     115.8,     333.1,       0.0);         ( 505122.0,
3635925.9,     115.4,     333.1,       0.0);
     ( 505172.0, 3635925.9,     115.5,     333.1,       0.0);         ( 505222.0,
3635925.9,     116.8,     279.6,       0.0);
     ( 502222.0, 3635975.9,     131.0,     333.1,       0.0);         ( 502272.0,
3635975.9,     126.1,     352.4,       0.0);
     ( 502322.0, 3635975.9,     124.4,     352.4,       0.0);         ( 502372.0,
3635975.9,     122.2,     352.4,       0.0);
     ( 502422.0, 3635975.9,     122.8,     363.2,       0.0);         ( 502472.0,
3635975.9,     122.7,     363.2,       0.0);
     ( 502522.0, 3635975.9,     123.6,     363.2,       0.0);         ( 502572.0,
3635975.9,     122.8,     363.2,       0.0);
     ( 502622.0, 3635975.9,     123.2,     363.2,       0.0);         ( 502672.0,
3635975.9,     124.1,     363.2,       0.0);
     ( 502722.0, 3635975.9,     124.2,     363.2,       0.0);         ( 502772.0,
3635975.9,     124.4,     363.2,       0.0);
     ( 502822.0, 3635975.9,     126.2,     363.2,       0.0);         ( 502872.0,
3635975.9,     126.3,     363.2,       0.0);
     ( 502922.0, 3635975.9,     131.3,     363.2,       0.0);         ( 502972.0,
3635975.9,     131.7,     363.2,       0.0);
     ( 503022.0, 3635975.9,     135.7,     352.4,       0.0);         ( 503072.0,

3635975.9,     136.2,     352.4,       0.0);
     ( 503122.0, 3635975.9,     137.0,     352.4,       0.0);         ( 503172.0,
3635975.9,     137.0,     352.4,       0.0);
     ( 503222.0, 3635975.9,     137.1,     352.4,       0.0);         ( 503272.0,
3635975.9,     135.8,     363.2,       0.0);
     ( 503322.0, 3635975.9,     134.7,     363.2,       0.0);         ( 503372.0,
3635975.9,     132.0,     363.2,       0.0);
     ( 503422.0, 3635975.9,     137.3,     333.1,       0.0);         ( 503472.0,
3635975.9,     141.1,     333.1,       0.0);
     ( 503522.0, 3635975.9,     139.4,     333.1,       0.0);         ( 503572.0,
3635975.9,     131.4,     363.2,       0.0);
     ( 503622.0, 3635975.9,     127.6,     363.2,       0.0);         ( 503672.0,
3635975.9,     126.2,     363.2,       0.0);
     ( 503722.0, 3635975.9,     125.3,     363.2,       0.0);         ( 503772.0,
3635975.9,     124.8,     363.2,       0.0);
     ( 503822.0, 3635975.9,     123.9,     363.2,       0.0);         ( 503872.0,
3635975.9,     122.6,     363.2,       0.0);
     ( 503922.0, 3635975.9,     122.3,     363.2,       0.0);         ( 503972.0,
3635975.9,     122.2,     363.2,       0.0);
     ( 504022.0, 3635975.9,     122.4,     333.1,       0.0);         ( 504072.0,
3635975.9,     123.1,     333.1,       0.0);
     ( 504122.0, 3635975.9,     123.7,     333.1,       0.0);         ( 504172.0,
3635975.9,     124.6,     333.1,       0.0);
     ( 504222.0, 3635975.9,     124.9,     333.1,       0.0);         ( 504272.0,
3635975.9,     123.2,     333.1,       0.0);
     ( 504322.0, 3635975.9,     122.7,     333.1,       0.0);         ( 504372.0,
3635975.9,     123.0,     333.1,       0.0);
     ( 504422.0, 3635975.9,     122.6,     333.1,       0.0);         ( 504472.0,
3635975.9,     121.2,     333.1,       0.0);
     ( 504522.0, 3635975.9,     120.6,     333.1,       0.0);         ( 504572.0,
3635975.9,     119.7,     333.1,       0.0);
     ( 504622.0, 3635975.9,     119.5,     333.1,       0.0);         ( 504672.0,
3635975.9,     117.8,     333.1,       0.0);
     ( 504722.0, 3635975.9,     117.2,     333.1,       0.0);         ( 504772.0,
3635975.9,     116.2,     333.1,       0.0);


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 504822.0, 3635975.9,     115.2,     333.1,       0.0);         ( 504872.0,
3635975.9,     114.7,     333.1,       0.0);
     ( 504922.0, 3635975.9,     114.4,     333.1,       0.0);         ( 504972.0,

3635975.9,     115.4,     333.1,       0.0);
     ( 505022.0, 3635975.9,     115.7,     333.1,       0.0);         ( 505072.0,
3635975.9,     115.9,     333.1,       0.0);
     ( 505122.0, 3635975.9,     115.8,     333.1,       0.0);         ( 505172.0,
3635975.9,     115.8,     333.1,       0.0);
     ( 505222.0, 3635975.9,     115.6,     279.6,       0.0);         ( 501722.0,
3632475.9,     108.2,     237.2,       0.0);
     ( 501822.0, 3632475.9,     108.7,     237.2,       0.0);         ( 501922.0,
3632475.9,     108.9,     108.9,       0.0);
     ( 502022.0, 3632475.9,     109.4,     109.4,       0.0);         ( 502122.0,
3632475.9,     110.3,     110.3,       0.0);
     ( 502222.0, 3632475.9,     110.6,     110.6,       0.0);         ( 502322.0,
3632475.9,     110.3,     110.3,       0.0);
     ( 502422.0, 3632475.9,     110.6,     110.6,       0.0);         ( 502522.0,
3632475.9,     110.8,     110.8,       0.0);
     ( 502622.0, 3632475.9,     112.1,     169.3,       0.0);         ( 502722.0,
3632475.9,     113.3,     318.9,       0.0);
     ( 502822.0, 3632475.9,     113.9,     329.9,       0.0);         ( 502922.0,
3632475.9,     114.8,     360.8,       0.0);
     ( 503022.0, 3632475.9,     116.3,     363.3,       0.0);         ( 503122.0,
3632475.9,     118.6,     363.3,       0.0);
     ( 503222.0, 3632475.9,     118.2,     363.3,       0.0);         ( 503322.0,
3632475.9,     122.4,     363.3,       0.0);
     ( 503422.0, 3632475.9,     126.0,     363.3,       0.0);         ( 503722.0,
3632475.9,     135.9,     363.3,       0.0);
     ( 503822.0, 3632475.9,     148.0,     363.3,       0.0);         ( 503922.0,
3632475.9,     161.9,     363.3,       0.0);
     ( 504022.0, 3632475.9,     175.9,     363.3,       0.0);         ( 504122.0,
3632475.9,     181.9,     363.3,       0.0);
     ( 504222.0, 3632475.9,     198.4,     363.3,       0.0);         ( 504322.0,
3632475.9,     208.4,     363.3,       0.0);
     ( 504422.0, 3632475.9,     192.0,     363.3,       0.0);         ( 504522.0,
3632475.9,     178.6,     363.3,       0.0);
     ( 504622.0, 3632475.9,     208.7,     363.3,       0.0);         ( 504722.0,
3632475.9,     225.0,     363.3,       0.0);
     ( 504822.0, 3632475.9,     224.6,     363.3,       0.0);         ( 504922.0,
3632475.9,     234.4,     363.3,       0.0);
     ( 505022.0, 3632475.9,     257.8,     363.3,       0.0);         ( 505122.0,
3632475.9,     256.1,     363.3,       0.0);
     ( 505222.0, 3632475.9,     301.2,     363.3,       0.0);         ( 505322.0,
3632475.9,     347.3,     360.8,       0.0);
     ( 505422.0, 3632475.9,     324.4,     363.3,       0.0);         ( 505522.0,
3632475.9,     295.4,     363.3,       0.0);
     ( 505622.0, 3632475.9,     263.4,     363.3,       0.0);         ( 505722.0,
3632475.9,     239.0,     363.3,       0.0);
     ( 501722.0, 3632575.9,     107.8,     237.2,       0.0);         ( 501822.0,
3632575.9,     108.2,     108.2,       0.0);
     ( 501922.0, 3632575.9,     108.6,     108.6,       0.0);         ( 502022.0,
3632575.9,     109.2,     109.2,       0.0);
     ( 502122.0, 3632575.9,     109.7,     109.7,       0.0);         ( 502222.0,

3632575.9,     109.3,     109.3,       0.0);
     ( 502322.0, 3632575.9,     109.7,     109.7,       0.0);         ( 502422.0,
3632575.9,     110.2,     110.2,       0.0);
     ( 502522.0, 3632575.9,     110.7,     169.3,       0.0);         ( 502622.0,
3632575.9,     111.2,     318.9,       0.0);
     ( 502722.0, 3632575.9,     112.8,     318.9,       0.0);         ( 502822.0,
3632575.9,     113.2,     329.9,       0.0);
     ( 502922.0, 3632575.9,     114.2,     360.8,       0.0);         ( 503022.0,
3632575.9,     115.8,     363.3,       0.0);
     ( 503122.0, 3632575.9,     117.0,     363.3,       0.0);         ( 503222.0,
3632575.9,     118.6,     363.3,       0.0);
     ( 503322.0, 3632575.9,     122.0,     363.3,       0.0);         ( 503422.0,
3632575.9,     127.0,     363.3,       0.0);
     ( 503722.0, 3632575.9,     141.5,     363.3,       0.0);         ( 503822.0,
3632575.9,     154.8,     363.3,       0.0);
     ( 503922.0, 3632575.9,     195.0,     363.3,       0.0);         ( 504022.0,
3632575.9,     215.2,     363.3,       0.0);
     ( 504122.0, 3632575.9,     223.7,     363.3,       0.0);         ( 504222.0,
3632575.9,     234.1,     363.3,       0.0);
     ( 504322.0, 3632575.9,     252.9,     360.8,       0.0);         ( 504422.0,
3632575.9,     234.2,     363.3,       0.0);
     ( 504522.0, 3632575.9,     199.5,     363.3,       0.0);         ( 504622.0,
3632575.9,     208.3,     363.3,       0.0);
     ( 504722.0, 3632575.9,     243.4,     363.3,       0.0);         ( 504822.0,
3632575.9,     237.9,     363.3,       0.0);
     ( 504922.0, 3632575.9,     255.4,     363.3,       0.0);         ( 505022.0,
3632575.9,     296.2,     363.3,       0.0);
     ( 505122.0, 3632575.9,     287.0,     363.3,       0.0);         ( 505222.0,
3632575.9,     306.9,     363.3,       0.0);
     ( 505322.0, 3632575.9,     316.0,     363.3,       0.0);         ( 505422.0,
3632575.9,     283.3,     363.3,       0.0);
     ( 505522.0, 3632575.9,     268.2,     363.3,       0.0);         ( 505622.0,
3632575.9,     249.1,     363.3,       0.0);
     ( 505722.0, 3632575.9,     239.4,     363.3,       0.0);         ( 501722.0,
3632675.9,     107.4,     107.4,       0.0);
     ( 501822.0, 3632675.9,     107.6,     107.6,       0.0);         ( 501922.0,
3632675.9,     108.1,     108.1,       0.0);


                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 502022.0, 3632675.9,     109.2,     109.2,       0.0);         ( 502122.0,

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3632675.9,     109.2,     109.2,       0.0);
     ( 502222.0, 3632675.9,     108.7,     108.7,       0.0);         ( 502322.0,
3632675.9,     109.3,     109.3,       0.0);
     ( 502422.0, 3632675.9,     109.6,     115.6,       0.0);         ( 502522.0,
3632675.9,     110.0,     169.3,       0.0);
     ( 502622.0, 3632675.9,     111.0,     318.9,       0.0);         ( 502722.0,
3632675.9,     111.9,     318.9,       0.0);
     ( 502822.0, 3632675.9,     114.6,     329.9,       0.0);         ( 502922.0,
3632675.9,     117.0,     337.5,       0.0);
     ( 503022.0, 3632675.9,     118.7,     363.3,       0.0);         ( 503722.0,
3632675.9,     143.0,     363.3,       0.0);
     ( 503822.0, 3632675.9,     153.1,     363.3,       0.0);         ( 503922.0,
3632675.9,     170.4,     363.3,       0.0);
     ( 504022.0, 3632675.9,     199.7,     363.3,       0.0);         ( 504122.0,
3632675.9,     225.6,     363.3,       0.0);
     ( 504222.0, 3632675.9,     250.2,     337.2,       0.0);         ( 504322.0,
3632675.9,     264.6,     329.9,       0.0);
     ( 504422.0, 3632675.9,     248.6,     363.3,       0.0);         ( 504522.0,
3632675.9,     232.3,     363.3,       0.0);
     ( 504622.0, 3632675.9,     236.4,     363.3,       0.0);         ( 504722.0,
3632675.9,     246.1,     363.3,       0.0);
     ( 504822.0, 3632675.9,     248.2,     363.3,       0.0);         ( 504922.0,
3632675.9,     271.6,     363.3,       0.0);
     ( 505022.0, 3632675.9,     311.7,     360.8,       0.0);         ( 505122.0,
3632675.9,     321.0,     360.8,       0.0);
     ( 505222.0, 3632675.9,     321.0,     363.3,       0.0);         ( 505322.0,
3632675.9,     319.6,     363.3,       0.0);
     ( 505422.0, 3632675.9,     273.4,     363.3,       0.0);         ( 505522.0,
3632675.9,     249.0,     363.3,       0.0);
     ( 505622.0, 3632675.9,     242.1,     363.3,       0.0);         ( 505722.0,
3632675.9,     254.2,     363.3,       0.0);
     ( 502422.0, 3632775.9,     113.4,     116.0,       0.0);         ( 502522.0,
3632775.9,     115.1,     169.3,       0.0);
     ( 502622.0, 3632775.9,     114.5,     318.9,       0.0);         ( 502722.0,
3632775.9,     111.5,     328.1,       0.0);
     ( 502822.0, 3632775.9,     116.0,     329.9,       0.0);         ( 502922.0,
3632775.9,     125.7,     329.9,       0.0);
     ( 503022.0, 3632775.9,     135.0,     329.9,       0.0);         ( 503122.0,
3632775.9,     128.8,     362.2,       0.0);
     ( 503222.0, 3632775.9,     125.0,     363.3,       0.0);         ( 503622.0,
3632775.9,     135.5,     363.3,       0.0);
     ( 503722.0, 3632775.9,     142.0,     363.3,       0.0);         ( 503822.0,
3632775.9,     159.5,     363.3,       0.0);
     ( 503922.0, 3632775.9,     166.0,     363.3,       0.0);         ( 504022.0,
3632775.9,     174.6,     363.3,       0.0);
     ( 504122.0, 3632775.9,     198.0,     363.3,       0.0);         ( 504222.0,
3632775.9,     229.9,     363.3,       0.0);
     ( 504322.0, 3632775.9,     259.5,     337.2,       0.0);         ( 504422.0,
3632775.9,     254.8,     362.2,       0.0);
     ( 504522.0, 3632775.9,     247.4,     363.3,       0.0);         ( 504622.0,
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3632775.9,     251.2,     363.3,       0.0);
     ( 504722.0, 3632775.9,     254.4,     363.3,       0.0);         ( 504822.0,
3632775.9,     270.3,     363.3,       0.0);
     ( 504922.0, 3632775.9,     289.8,     363.3,       0.0);         ( 505022.0,
3632775.9,     329.5,     337.2,       0.0);
     ( 505122.0, 3632775.9,     337.3,     337.3,       0.0);         ( 505222.0,
3632775.9,     336.9,     338.6,       0.0);
     ( 505322.0, 3632775.9,     295.0,     363.3,       0.0);         ( 505422.0,
3632775.9,     261.8,     363.3,       0.0);
     ( 505522.0, 3632775.9,     242.3,     363.3,       0.0);         ( 505622.0,
3632775.9,     233.5,     363.3,       0.0);
     ( 505722.0, 3632775.9,     239.5,     363.3,       0.0);         ( 501722.0,
3632875.9,     108.3,     108.3,       0.0);
     ( 501822.0, 3632875.9,     108.3,     108.3,       0.0);         ( 501922.0,
3632875.9,     108.3,     108.3,       0.0);
     ( 502022.0, 3632875.9,     108.0,     108.0,       0.0);         ( 502122.0,
3632875.9,     108.3,     108.3,       0.0);
     ( 502222.0, 3632875.9,     107.4,     107.4,       0.0);         ( 502322.0,
3632875.9,     107.8,     107.8,       0.0);
     ( 502422.0, 3632875.9,     108.8,     169.3,       0.0);         ( 502522.0,
3632875.9,     109.3,     169.3,       0.0);
     ( 502622.0, 3632875.9,     109.4,     318.9,       0.0);         ( 502722.0,
3632875.9,     111.2,     329.3,       0.0);
     ( 502822.0, 3632875.9,     115.8,     329.9,       0.0);         ( 502922.0,
3632875.9,     131.1,     329.3,       0.0);
     ( 503022.0, 3632875.9,     169.1,     169.1,       0.0);         ( 503122.0,
3632875.9,     145.2,     329.9,       0.0);
     ( 503222.0, 3632875.9,     122.1,     363.3,       0.0);         ( 503322.0,
3632875.9,     122.1,     363.3,       0.0);
     ( 503422.0, 3632875.9,     124.9,     363.3,       0.0);         ( 503622.0,
3632875.9,     135.9,     363.3,       0.0);
     ( 503722.0, 3632875.9,     143.3,     363.3,       0.0);         ( 503822.0,
3632875.9,     163.0,     363.3,       0.0);
     ( 503922.0, 3632875.9,     190.4,     363.3,       0.0);         ( 504022.0,
3632875.9,     199.5,     363.3,       0.0);
     ( 504122.0, 3632875.9,     211.2,     363.3,       0.0);         ( 504222.0,
3632875.9,     242.1,     338.6,       0.0);
     ( 504322.0, 3632875.9,     257.1,     337.5,       0.0);         ( 504422.0,
3632875.9,     264.2,     338.4,       0.0);


                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

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     ( 504522.0, 3632875.9,     261.2,     360.8,       0.0);         ( 504622.0,
3632875.9,     264.0,     363.3,       0.0);
     ( 504722.0, 3632875.9,     266.8,     363.3,       0.0);         ( 504822.0,
3632875.9,     295.8,     338.6,       0.0);
     ( 504922.0, 3632875.9,     326.4,     329.9,       0.0);         ( 505022.0,
3632875.9,     332.5,     336.5,       0.0);
     ( 505122.0, 3632875.9,     336.4,     336.4,       0.0);         ( 505222.0,
3632875.9,     298.3,     363.3,       0.0);
     ( 505322.0, 3632875.9,     269.6,     363.3,       0.0);         ( 505422.0,
3632875.9,     243.2,     363.3,       0.0);
     ( 505522.0, 3632875.9,     238.8,     363.3,       0.0);         ( 505622.0,
3632875.9,     227.1,     363.3,       0.0);
     ( 505722.0, 3632875.9,     234.9,     363.3,       0.0);         ( 501722.0,
3632975.9,     107.6,     107.6,       0.0);
     ( 501822.0, 3632975.9,     107.9,     107.9,       0.0);         ( 501922.0,
3632975.9,     108.1,     108.1,       0.0);
     ( 502022.0, 3632975.9,     108.5,     108.5,       0.0);         ( 502122.0,
3632975.9,     108.3,     108.3,       0.0);
     ( 505322.0, 3632975.9,     243.3,     363.3,       0.0);         ( 505422.0,
3632975.9,     234.7,     363.3,       0.0);
     ( 505522.0, 3632975.9,     222.9,     363.3,       0.0);         ( 505622.0,
3632975.9,     221.1,     363.3,       0.0);
     ( 505722.0, 3632975.9,     229.9,     363.3,       0.0);         ( 501722.0,
3633075.9,     106.5,     106.5,       0.0);
     ( 501822.0, 3633075.9,     106.4,     106.4,       0.0);         ( 501922.0,
3633075.9,     107.2,     107.2,       0.0);
     ( 502022.0, 3633075.9,     107.5,     107.5,       0.0);         ( 502122.0,
3633075.9,     108.2,     108.2,       0.0);
     ( 505322.0, 3633075.9,     238.2,     363.3,       0.0);         ( 505422.0,
3633075.9,     221.1,     363.3,       0.0);
     ( 505522.0, 3633075.9,     212.5,     363.3,       0.0);         ( 505622.0,
3633075.9,     213.6,     363.3,       0.0);
     ( 505722.0, 3633075.9,     227.8,     363.3,       0.0);         ( 501722.0,
3633175.9,     105.7,     105.7,       0.0);
     ( 501822.0, 3633175.9,     105.8,     105.8,       0.0);         ( 501922.0,
3633175.9,     105.9,     105.9,       0.0);
     ( 502022.0, 3633175.9,     106.7,     106.7,       0.0);         ( 502122.0,
3633175.9,     105.8,     105.8,       0.0);
     ( 505322.0, 3633175.9,     230.0,     363.3,       0.0);         ( 505422.0,
3633175.9,     221.7,     363.3,       0.0);
     ( 505522.0, 3633175.9,     210.3,     363.3,       0.0);         ( 505622.0,
3633175.9,     204.1,     363.3,       0.0);
     ( 505722.0, 3633175.9,     216.9,     363.3,       0.0);         ( 501722.0,
3633275.9,     105.2,     105.2,       0.0);
     ( 501822.0, 3633275.9,     106.0,     106.0,       0.0);         ( 501922.0,
3633275.9,     106.0,     106.0,       0.0);
     ( 502022.0, 3633275.9,     106.5,     106.5,       0.0);         ( 502122.0,
3633275.9,     105.7,     105.7,       0.0);
     ( 505322.0, 3633275.9,     220.4,     363.3,       0.0);         ( 505422.0,
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3633275.9,     224.8,     363.3,       0.0);
     ( 505522.0, 3633275.9,     208.6,     363.3,       0.0);         ( 505622.0,
3633275.9,     196.6,     363.3,       0.0);
     ( 505722.0, 3633275.9,     203.8,     363.3,       0.0);         ( 501722.0,
3633375.9,     104.5,     104.5,       0.0);
     ( 501822.0, 3633375.9,     105.0,     105.0,       0.0);         ( 501922.0,
3633375.9,     105.1,     105.1,       0.0);
     ( 502022.0, 3633375.9,     105.4,     105.4,       0.0);         ( 502122.0,
3633375.9,     105.8,     105.8,       0.0);
     ( 505322.0, 3633375.9,     207.0,     363.3,       0.0);         ( 505422.0,
3633375.9,     221.2,     363.3,       0.0);
     ( 505522.0, 3633375.9,     212.8,     363.3,       0.0);         ( 505622.0,
3633375.9,     193.9,     363.3,       0.0);
     ( 505722.0, 3633375.9,     192.6,     363.3,       0.0);         ( 501722.0,
3633475.9,     104.5,     104.5,       0.0);
     ( 501822.0, 3633475.9,     105.0,     105.0,       0.0);         ( 501922.0,
3633475.9,     105.9,     105.9,       0.0);
     ( 502022.0, 3633475.9,     106.1,     106.1,       0.0);         ( 502122.0,
3633475.9,     105.2,     105.2,       0.0);
     ( 505322.0, 3633475.9,     200.9,     363.3,       0.0);         ( 505422.0,
3633475.9,     214.8,     363.3,       0.0);
     ( 505522.0, 3633475.9,     204.8,     363.3,       0.0);         ( 505622.0,
3633475.9,     194.9,     363.3,       0.0);
     ( 505722.0, 3633475.9,     186.9,     363.3,       0.0);         ( 501722.0,
3633575.9,     104.3,     104.3,       0.0);
     ( 501822.0, 3633575.9,     105.1,     105.1,       0.0);         ( 501922.0,
3633575.9,     105.5,     105.5,       0.0);
     ( 502022.0, 3633575.9,     105.4,     105.4,       0.0);         ( 502122.0,
3633575.9,     111.2,     114.2,       0.0);
     ( 505322.0, 3633575.9,     198.5,     363.3,       0.0);         ( 505422.0,
3633575.9,     214.2,     363.3,       0.0);
     ( 505522.0, 3633575.9,     202.8,     363.3,       0.0);         ( 505622.0,
3633575.9,     189.7,     363.3,       0.0);
     ( 505722.0, 3633575.9,     183.3,     363.3,       0.0);         ( 501722.0,
3633675.9,     104.6,     104.6,       0.0);
     ( 501822.0, 3633675.9,     104.5,     104.5,       0.0);         ( 501922.0,
3633675.9,     105.4,     105.4,       0.0);
     ( 502022.0, 3633675.9,     106.3,     112.0,       0.0);         ( 502122.0,
3633675.9,     111.2,     111.2,       0.0);
     ( 505322.0, 3633675.9,     202.2,     363.3,       0.0);         ( 505422.0,
3633675.9,     222.0,     363.3,       0.0);


*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 505522.0, 3633675.9, 207.8, 363.3, 0.0); ( 505622.0, 3633675.9, 193.3, 363.3, 0.0);
( 505722.0, 3633675.9, 180.2, 363.3, 0.0); ( 501722.0, 3633775.9, 104.9, 104.9, 0.0);
( 501822.0, 3633775.9, 104.9, 104.9, 0.0); ( 501922.0, 3633775.9, 105.2, 105.2, 0.0);
( 502022.0, 3633775.9, 105.6, 105.6, 0.0); ( 502122.0, 3633775.9, 105.6, 109.6, 0.0);
( 505322.0, 3633775.9, 199.7, 363.3, 0.0); ( 505422.0, 3633775.9, 207.5, 363.3, 0.0);
( 505522.0, 3633775.9, 208.0, 363.3, 0.0); ( 505622.0, 3633775.9, 192.9, 363.3, 0.0);
( 505722.0, 3633775.9, 177.3, 363.3, 0.0); ( 501722.0, 3633875.9, 104.5, 104.5, 0.0);
( 501822.0, 3633875.9, 105.7, 105.7, 0.0); ( 501922.0, 3633875.9, 103.6, 103.6, 0.0);
( 502022.0, 3633875.9, 105.5, 105.5, 0.0); ( 502122.0, 3633875.9, 105.2, 105.2, 0.0);
( 505322.0, 3633875.9, 198.2, 363.3, 0.0); ( 505422.0, 3633875.9, 195.1, 363.3, 0.0);
( 505522.0, 3633875.9, 194.3, 363.3, 0.0); ( 505622.0, 3633875.9, 190.3, 363.3, 0.0);
( 505722.0, 3633875.9, 173.9, 363.3, 0.0); ( 501722.0, 3633975.9, 104.1, 104.1, 0.0);
( 501822.0, 3633975.9, 104.6, 104.6, 0.0); ( 501922.0, 3633975.9, 104.9, 104.9, 0.0);
( 502022.0, 3633975.9, 104.6, 104.6, 0.0); ( 502122.0, 3633975.9, 105.4, 105.4, 0.0);
( 505322.0, 3633975.9, 192.7, 363.3, 0.0); ( 505422.0, 3633975.9, 187.1, 363.3, 0.0);
( 505522.0, 3633975.9, 184.0, 363.3, 0.0); ( 505622.0, 3633975.9, 179.9, 363.3, 0.0);
( 505722.0, 3633975.9, 170.6, 363.3, 0.0); ( 501722.0, 3634075.9, 103.5, 103.5, 0.0);
( 501822.0, 3634075.9, 104.1, 104.1, 0.0); ( 501922.0, 3634075.9, 104.4, 104.4, 0.0);
( 502022.0, 3634075.9, 104.3, 104.3, 0.0); ( 502122.0, 3634075.9, 104.0, 104.0, 0.0);
( 505322.0, 3634075.9, 187.0, 362.2, 0.0); ( 505422.0, 3634075.9, 180.6, 363.3, 0.0);
( 505522.0, 3634075.9, 169.6, 363.3, 0.0); ( 505622.0, 3634075.9, 165.6, 363.3, 0.0);
( 505722.0, 3634075.9, 169.5, 363.3, 0.0); ( 501722.0, 3634175.9, 101.4, 101.4, 0.0);
( 501822.0, 3634175.9, 103.2, 103.2, 0.0); ( 501922.0, 3634175.9, 103.7, 103.7, 0.0);
( 502022.0, 3634175.9, 101.5, 101.5, 0.0); ( 502122.0,

3634175.9,     102.4,     102.4,       0.0);
     ( 505322.0, 3634175.9,     166.9,     363.3,       0.0);         ( 505422.0,
3634175.9,     162.2,     363.3,       0.0);
     ( 505522.0, 3634175.9,     158.8,     363.3,       0.0);         ( 505622.0,
3634175.9,     167.5,     363.3,       0.0);
     ( 505722.0, 3634175.9,     176.6,     338.7,       0.0);         ( 501722.0,
3634275.9,     100.4,     100.4,       0.0);
     ( 501822.0, 3634275.9,     100.5,     100.5,       0.0);         ( 501922.0,
3634275.9,     100.5,     100.5,       0.0);
     ( 502022.0, 3634275.9,     100.1,     100.1,       0.0);         ( 502122.0,
3634275.9,     100.1,     100.1,       0.0);
     ( 505322.0, 3634275.9,     153.1,     363.3,       0.0);         ( 505422.0,
3634275.9,     151.1,     363.3,       0.0);
     ( 505522.0, 3634275.9,     166.6,     362.2,       0.0);         ( 505622.0,
3634275.9,     172.3,     338.7,       0.0);
     ( 505722.0, 3634275.9,     181.9,     337.8,       0.0);         ( 501722.0,
3634375.9,     101.8,     101.8,       0.0);
     ( 501822.0, 3634375.9,     102.9,     102.9,       0.0);         ( 501922.0,
3634375.9,     101.4,     101.4,       0.0);
     ( 502022.0, 3634375.9,     100.9,     104.1,       0.0);         ( 502122.0,
3634375.9,     102.0,     104.7,       0.0);
     ( 505322.0, 3634375.9,     149.2,     363.3,       0.0);         ( 505422.0,
3634375.9,     150.9,     363.3,       0.0);
     ( 505522.0, 3634375.9,     174.8,     338.7,       0.0);         ( 505622.0,
3634375.9,     187.9,     187.9,       0.0);
     ( 505722.0, 3634375.9,     192.2,     195.6,       0.0);         ( 501722.0,
3634475.9,     102.9,     102.9,       0.0);
     ( 501822.0, 3634475.9,     104.1,     104.1,       0.0);         ( 501922.0,
3634475.9,     104.5,     104.5,       0.0);
     ( 502022.0, 3634475.9,     105.7,     105.7,       0.0);         ( 502122.0,
3634475.9,     104.5,     104.5,       0.0);
     ( 505322.0, 3634475.9,     153.2,     338.7,       0.0);         ( 505422.0,
3634475.9,     139.7,     363.3,       0.0);
     ( 505522.0, 3634475.9,     154.5,     338.7,       0.0);         ( 505622.0,
3634475.9,     172.7,     334.9,       0.0);
     ( 505722.0, 3634475.9,     195.4,     199.4,       0.0);         ( 501722.0,
3634575.9,     103.2,     103.2,       0.0);
     ( 501822.0, 3634575.9,     103.4,     103.4,       0.0);         ( 501922.0,
3634575.9,     103.8,     103.8,       0.0);
     ( 502022.0, 3634575.9,     104.8,     104.8,       0.0);         ( 502122.0,
3634575.9,     105.8,     105.8,       0.0);
     ( 505322.0, 3634575.9,     160.2,     337.8,       0.0);         ( 505422.0,
3634575.9,     137.8,     362.2,       0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 505522.0, 3634575.9, 142.1, 338.7, 0.0); ( 505622.0, 3634575.9, 165.8, 199.9, 0.0);
( 505722.0, 3634575.9, 190.4, 199.9, 0.0); ( 501722.0, 3634675.9, 104.5, 104.5, 0.0);
( 501822.0, 3634675.9, 105.8, 105.8, 0.0); ( 501922.0, 3634675.9, 105.9, 105.9, 0.0);
( 502022.0, 3634675.9, 107.0, 107.0, 0.0); ( 502122.0, 3634675.9, 104.1, 108.3, 0.0);
( 505322.0, 3634675.9, 160.7, 334.2, 0.0); ( 505422.0, 3634675.9, 138.9, 338.7, 0.0);
( 505522.0, 3634675.9, 130.2, 338.7, 0.0); ( 505622.0, 3634675.9, 143.2, 338.7, 0.0);
( 505722.0, 3634675.9, 165.1, 199.9, 0.0); ( 501722.0, 3634775.9, 105.2, 199.7, 0.0);
( 501822.0, 3634775.9, 107.1, 107.1, 0.0); ( 501922.0, 3634775.9, 106.2, 106.2, 0.0);
( 502022.0, 3634775.9, 108.2, 108.2, 0.0); ( 502122.0, 3634775.9, 107.8, 107.8, 0.0);
( 505322.0, 3634775.9, 158.6, 183.0, 0.0); ( 505422.0, 3634775.9, 127.3, 338.7, 0.0);
( 505522.0, 3634775.9, 126.6, 338.7, 0.0); ( 505622.0, 3634775.9, 132.7, 338.7, 0.0);
( 505722.0, 3634775.9, 142.3, 334.2, 0.0); ( 501722.0, 3634875.9, 105.7, 255.1, 0.0);
( 501822.0, 3634875.9, 108.1, 203.1, 0.0); ( 501922.0, 3634875.9, 109.1, 111.2, 0.0);
( 502022.0, 3634875.9, 110.4, 110.4, 0.0); ( 502122.0, 3634875.9, 109.5, 109.5, 0.0);
( 505322.0, 3634875.9, 146.0, 185.3, 0.0); ( 505422.0, 3634875.9, 123.0, 338.7, 0.0);
( 505522.0, 3634875.9, 123.3, 338.7, 0.0); ( 505622.0, 3634875.9, 124.1, 338.7, 0.0);
( 505722.0, 3634875.9, 127.7, 336.4, 0.0); ( 501722.0, 3634975.9, 108.4, 255.4, 0.0);
( 501822.0, 3634975.9, 109.8, 255.4, 0.0); ( 501922.0, 3634975.9, 112.2, 197.6, 0.0);
( 502022.0, 3634975.9, 112.2, 112.2, 0.0); ( 502122.0, 3634975.9, 110.8, 110.8, 0.0);
( 505322.0, 3634975.9, 135.6, 198.8, 0.0); ( 505422.0, 3634975.9, 120.7, 337.8, 0.0);
( 505522.0, 3634975.9, 120.4, 337.0, 0.0); ( 505622.0, 3634975.9, 121.2, 336.4, 0.0);
( 505722.0, 3634975.9, 121.8, 334.9, 0.0); ( 501722.0, 3635075.9, 113.9, 255.4, 0.0);
( 501822.0, 3635075.9, 113.1, 255.4, 0.0); ( 501922.0,

```
3635075.9,     115.9,     255.1,       0.0);
     ( 502022.0, 3635075.9,     114.9,     114.9,       0.0);         ( 502122.0,
3635075.9,     111.9,     111.9,       0.0);
     ( 505322.0, 3635075.9,     128.1,     198.8,       0.0);         ( 505422.0,
3635075.9,     119.6,     334.2,       0.0);
     ( 505522.0, 3635075.9,     118.6,     334.2,       0.0);         ( 505622.0,
3635075.9,     121.1,     199.9,       0.0);
     ( 505722.0, 3635075.9,     118.9,     200.1,       0.0);         ( 501722.0,
3635175.9,     116.0,     255.4,       0.0);
     ( 501822.0, 3635175.9,     115.1,     255.4,       0.0);         ( 501922.0,
3635175.9,     117.4,     255.4,       0.0);
     ( 502022.0, 3635175.9,     116.1,     255.4,       0.0);         ( 502122.0,
3635175.9,     113.6,     255.1,       0.0);
     ( 505322.0, 3635175.9,     116.1,     199.9,       0.0);         ( 505422.0,
3635175.9,     116.8,     199.9,       0.0);
     ( 505522.0, 3635175.9,     116.8,     199.9,       0.0);         ( 505622.0,
3635175.9,     117.0,     199.9,       0.0);
     ( 505722.0, 3635175.9,     117.5,     199.9,       0.0);         ( 501722.0,
3635275.9,     120.7,     255.4,       0.0);
     ( 501822.0, 3635275.9,     118.6,     255.4,       0.0);         ( 501922.0,
3635275.9,     118.6,     255.4,       0.0);
     ( 502022.0, 3635275.9,     118.4,     255.4,       0.0);         ( 502122.0,
3635275.9,     115.0,     255.4,       0.0);
     ( 505622.0, 3635275.9,     115.0,     199.9,       0.0);         ( 505722.0,
3635275.9,     115.6,     199.9,       0.0);
     ( 501722.0, 3635375.9,     123.7,     255.4,       0.0);         ( 501822.0,
3635375.9,     121.0,     255.4,       0.0);
     ( 501922.0, 3635375.9,     120.1,     255.4,       0.0);         ( 502022.0,
3635375.9,     119.6,     255.4,       0.0);
     ( 502122.0, 3635375.9,     116.4,     255.4,       0.0);         ( 505622.0,
3635375.9,     113.9,     198.1,       0.0);
     ( 501722.0, 3635475.9,     127.5,     255.4,       0.0);         ( 501822.0,
3635475.9,     124.8,     255.4,       0.0);
     ( 501922.0, 3635475.9,     120.8,     298.9,       0.0);         ( 502022.0,
3635475.9,     118.1,     255.4,       0.0);
     ( 502122.0, 3635475.9,     118.3,     255.4,       0.0);         ( 505622.0,
3635475.9,     112.1,     279.6,       0.0);
     ( 505722.0, 3635475.9,     108.9,     279.6,       0.0);         ( 501722.0,
3635575.9,     129.6,     304.2,       0.0);
     ( 501822.0, 3635575.9,     126.4,     304.2,       0.0);         ( 501922.0,
3635575.9,     122.1,     304.2,       0.0);
     ( 502022.0, 3635575.9,     121.3,     304.2,       0.0);         ( 502122.0,
3635575.9,     121.8,     333.1,       0.0);
     ( 505322.0, 3635575.9,     115.7,     279.6,       0.0);         ( 505422.0,
3635575.9,     108.8,     279.6,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 505522.0, 3635575.9, 108.9, 279.6, 0.0); ( 505622.0, 3635575.9, 108.2, 279.6, 0.0);
( 505722.0, 3635575.9, 108.7, 279.6, 0.0); ( 501722.0, 3635675.9, 133.6, 304.2, 0.0);
( 501822.0, 3635675.9, 128.5, 304.2, 0.0); ( 501922.0, 3635675.9, 125.1, 304.2, 0.0);
( 502022.0, 3635675.9, 124.4, 333.1, 0.0); ( 502122.0, 3635675.9, 125.0, 333.1, 0.0);
( 505322.0, 3635675.9, 115.6, 279.6, 0.0); ( 505422.0, 3635675.9, 113.9, 279.6, 0.0);
( 505522.0, 3635675.9, 108.9, 279.6, 0.0); ( 505622.0, 3635675.9, 109.7, 279.6, 0.0);
( 505722.0, 3635675.9, 108.7, 279.6, 0.0); ( 501722.0, 3635775.9, 138.5, 304.2, 0.0);
( 501822.0, 3635775.9, 132.1, 304.2, 0.0); ( 501922.0, 3635775.9, 127.9, 304.2, 0.0);
( 502022.0, 3635775.9, 126.7, 333.1, 0.0); ( 502122.0, 3635775.9, 126.1, 333.1, 0.0);
( 505322.0, 3635775.9, 116.4, 279.6, 0.0); ( 505422.0, 3635775.9, 116.7, 279.6, 0.0);
( 505522.0, 3635775.9, 116.3, 279.6, 0.0); ( 505622.0, 3635775.9, 115.0, 279.6, 0.0);
( 505722.0, 3635775.9, 115.8, 279.6, 0.0); ( 501722.0, 3635875.9, 144.7, 304.2, 0.0);
( 501822.0, 3635875.9, 137.1, 304.2, 0.0); ( 501922.0, 3635875.9, 131.3, 333.1, 0.0);
( 502022.0, 3635875.9, 130.7, 333.1, 0.0); ( 502122.0, 3635875.9, 129.3, 333.1, 0.0);
( 505322.0, 3635875.9, 118.5, 279.6, 0.0); ( 505422.0, 3635875.9, 116.3, 279.6, 0.0);
( 505522.0, 3635875.9, 116.7, 279.6, 0.0); ( 505622.0, 3635875.9, 116.4, 279.6, 0.0);
( 505722.0, 3635875.9, 116.6, 279.6, 0.0); ( 501722.0, 3635975.9, 148.0, 304.2, 0.0);
( 501822.0, 3635975.9, 139.5, 304.2, 0.0); ( 501922.0, 3635975.9, 134.8, 333.1, 0.0);
( 502022.0, 3635975.9, 134.8, 333.1, 0.0); ( 502122.0, 3635975.9, 133.4, 333.1, 0.0);
( 505322.0, 3635975.9, 116.6, 279.6, 0.0); ( 505422.0, 3635975.9, 116.3, 279.6, 0.0);
( 505522.0, 3635975.9, 116.3, 279.6, 0.0); ( 505622.0, 3635975.9, 117.2, 279.6, 0.0);
( 505722.0, 3635975.9, 116.2, 279.6, 0.0); ( 501722.0,

```
3636075.9,     147.7,     304.2,       0.0);
     ( 501822.0, 3636075.9,     143.5,     304.2,       0.0);         ( 501922.0,
3636075.9,     139.4,     333.1,       0.0);
     ( 502022.0, 3636075.9,     138.9,     333.1,       0.0);         ( 502122.0,
3636075.9,     137.0,     333.1,       0.0);
     ( 502222.0, 3636075.9,     133.5,     352.4,       0.0);         ( 502322.0,
3636075.9,     127.7,     363.2,       0.0);
     ( 502422.0, 3636075.9,     124.6,     363.2,       0.0);         ( 502522.0,
3636075.9,     125.3,     363.2,       0.0);
     ( 502622.0, 3636075.9,     126.6,     363.2,       0.0);         ( 502722.0,
3636075.9,     126.9,     363.2,       0.0);
     ( 502822.0, 3636075.9,     128.1,     363.2,       0.0);         ( 502922.0,
3636075.9,     131.9,     363.2,       0.0);
     ( 503022.0, 3636075.9,     134.8,     363.2,       0.0);         ( 503122.0,
3636075.9,     140.5,     363.2,       0.0);
     ( 503222.0, 3636075.9,     137.4,     363.2,       0.0);         ( 503322.0,
3636075.9,     133.6,     363.2,       0.0);
     ( 503422.0, 3636075.9,     132.6,     363.2,       0.0);         ( 503522.0,
3636075.9,     130.5,     363.2,       0.0);
     ( 503622.0, 3636075.9,     129.3,     363.2,       0.0);         ( 503722.0,
3636075.9,     128.9,     363.2,       0.0);
     ( 503822.0, 3636075.9,     127.7,     363.2,       0.0);         ( 503922.0,
3636075.9,     128.9,     363.2,       0.0);
     ( 504022.0, 3636075.9,     127.8,     363.2,       0.0);         ( 504122.0,
3636075.9,     129.3,     333.1,       0.0);
     ( 504222.0, 3636075.9,     130.6,     333.1,       0.0);         ( 504322.0,
3636075.9,     129.8,     333.1,       0.0);
     ( 504422.0, 3636075.9,     132.9,     333.1,       0.0);         ( 504522.0,
3636075.9,     135.2,     333.1,       0.0);
     ( 504622.0, 3636075.9,     132.7,     333.1,       0.0);         ( 504722.0,
3636075.9,     124.0,     333.1,       0.0);
     ( 504822.0, 3636075.9,     119.3,     333.1,       0.0);         ( 504922.0,
3636075.9,     116.6,     333.1,       0.0);
     ( 505022.0, 3636075.9,     116.4,     333.1,       0.0);         ( 505122.0,
3636075.9,     116.0,     333.1,       0.0);
     ( 505222.0, 3636075.9,     115.7,     333.1,       0.0);         ( 505322.0,
3636075.9,     116.2,     279.6,       0.0);
     ( 505422.0, 3636075.9,     115.3,     279.6,       0.0);         ( 505522.0,
3636075.9,     116.6,     279.6,       0.0);
     ( 505622.0, 3636075.9,     117.0,     279.6,       0.0);         ( 505722.0,
3636075.9,     116.9,     279.6,       0.0);
     ( 501722.0, 3636175.9,     153.0,     304.2,       0.0);         ( 501822.0,
3636175.9,     148.3,     304.2,       0.0);
     ( 501922.0, 3636175.9,     143.1,     333.1,       0.0);         ( 502022.0,
3636175.9,     141.8,     333.1,       0.0);
     ( 502122.0, 3636175.9,     139.6,     352.4,       0.0);         ( 502222.0,
3636175.9,     135.1,     352.4,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 502322.0, 3636175.9, 128.9, 363.2, 0.0); ( 502422.0, 3636175.9, 125.8, 363.2, 0.0);
( 502522.0, 3636175.9, 126.8, 363.2, 0.0); ( 502622.0, 3636175.9, 127.8, 363.2, 0.0);
( 502722.0, 3636175.9, 130.2, 363.2, 0.0); ( 502822.0, 3636175.9, 131.6, 363.2, 0.0);
( 502922.0, 3636175.9, 133.8, 363.2, 0.0); ( 503022.0, 3636175.9, 137.7, 363.2, 0.0);
( 503122.0, 3636175.9, 147.8, 363.2, 0.0); ( 503222.0, 3636175.9, 140.8, 363.2, 0.0);
( 503322.0, 3636175.9, 135.6, 363.2, 0.0); ( 503422.0, 3636175.9, 134.4, 363.2, 0.0);
( 503522.0, 3636175.9, 133.9, 363.2, 0.0); ( 503622.0, 3636175.9, 132.2, 363.2, 0.0);
( 503722.0, 3636175.9, 132.2, 363.2, 0.0); ( 503822.0, 3636175.9, 132.7, 363.2, 0.0);
( 503922.0, 3636175.9, 133.9, 363.2, 0.0); ( 504022.0, 3636175.9, 135.1, 363.2, 0.0);
( 504122.0, 3636175.9, 137.3, 333.1, 0.0); ( 504222.0, 3636175.9, 137.6, 333.1, 0.0);
( 504322.0, 3636175.9, 144.1, 333.1, 0.0); ( 504422.0, 3636175.9, 152.3, 333.1, 0.0);
( 504522.0, 3636175.9, 167.2, 333.1, 0.0); ( 504622.0, 3636175.9, 153.8, 333.1, 0.0);
( 504722.0, 3636175.9, 132.7, 333.1, 0.0); ( 504822.0, 3636175.9, 130.3, 333.1, 0.0);
( 504922.0, 3636175.9, 124.5, 333.1, 0.0); ( 505022.0, 3636175.9, 119.5, 333.1, 0.0);
( 505122.0, 3636175.9, 116.4, 333.1, 0.0); ( 505222.0, 3636175.9, 116.3, 333.1, 0.0);
( 505322.0, 3636175.9, 116.8, 279.6, 0.0); ( 505422.0, 3636175.9, 117.1, 279.6, 0.0);
( 505522.0, 3636175.9, 116.5, 279.6, 0.0); ( 505622.0, 3636175.9, 117.0, 279.6, 0.0);
( 505722.0, 3636175.9, 117.4, 279.6, 0.0); ( 501722.0, 3636275.9, 154.7, 304.2, 0.0);
( 501822.0, 3636275.9, 150.9, 304.2, 0.0); ( 501922.0, 3636275.9, 146.2, 333.1, 0.0);
( 502022.0, 3636275.9, 142.4, 352.4, 0.0); ( 502122.0, 3636275.9, 137.6, 363.2, 0.0);
( 502222.0, 3636275.9, 132.8, 363.2, 0.0); ( 502322.0,

3636275.9,     129.2,     368.8,       0.0);
     ( 502422.0, 3636275.9,     127.7,     368.8,       0.0);         ( 502522.0,
3636275.9,     128.1,     368.8,       0.0);
     ( 502622.0, 3636275.9,     131.5,     368.8,       0.0);         ( 502722.0,
3636275.9,     133.1,     368.8,       0.0);
     ( 502822.0, 3636275.9,     134.8,     368.8,       0.0);         ( 502922.0,
3636275.9,     137.1,     368.8,       0.0);
     ( 503022.0, 3636275.9,     138.2,     363.2,       0.0);         ( 503122.0,
3636275.9,     143.1,     363.2,       0.0);
     ( 503222.0, 3636275.9,     146.3,     363.2,       0.0);         ( 503322.0,
3636275.9,     143.8,     363.2,       0.0);
     ( 503422.0, 3636275.9,     140.3,     363.2,       0.0);         ( 503522.0,
3636275.9,     138.4,     363.2,       0.0);
     ( 503622.0, 3636275.9,     137.1,     363.2,       0.0);         ( 503722.0,
3636275.9,     136.4,     363.2,       0.0);
     ( 503822.0, 3636275.9,     136.6,     363.2,       0.0);         ( 503922.0,
3636275.9,     138.1,     363.2,       0.0);
     ( 504022.0, 3636275.9,     141.4,     363.2,       0.0);         ( 504122.0,
3636275.9,     146.3,     333.1,       0.0);
     ( 504222.0, 3636275.9,     157.5,     333.1,       0.0);         ( 504322.0,
3636275.9,     191.5,     333.1,       0.0);
     ( 504422.0, 3636275.9,     203.4,     279.6,       0.0);         ( 504522.0,
3636275.9,     215.0,     279.6,       0.0);
     ( 504622.0, 3636275.9,     181.8,     279.6,       0.0);         ( 504722.0,
3636275.9,     156.8,     333.1,       0.0);
     ( 504822.0, 3636275.9,     163.3,     333.1,       0.0);         ( 504922.0,
3636275.9,     138.7,     333.1,       0.0);
     ( 505022.0, 3636275.9,     120.5,     333.1,       0.0);         ( 505122.0,
3636275.9,     117.0,     333.1,       0.0);
     ( 505222.0, 3636275.9,     116.8,     333.1,       0.0);         ( 505322.0,
3636275.9,     117.5,     333.1,       0.0);
     ( 505422.0, 3636275.9,     117.9,     279.6,       0.0);         ( 505522.0,
3636275.9,     117.0,     279.6,       0.0);
     ( 505622.0, 3636275.9,     117.4,     279.6,       0.0);         ( 505722.0,
3636275.9,     118.2,     279.6,       0.0);
     ( 501722.0, 3636375.9,     157.2,     304.2,       0.0);         ( 501822.0,
3636375.9,     152.6,     333.1,       0.0);
     ( 501922.0, 3636375.9,     146.4,     352.4,       0.0);         ( 502022.0,
3636375.9,     142.9,     363.2,       0.0);
     ( 502122.0, 3636375.9,     138.0,     368.8,       0.0);         ( 502222.0,
3636375.9,     134.8,     368.8,       0.0);
     ( 502322.0, 3636375.9,     133.4,     368.8,       0.0);         ( 502422.0,
3636375.9,     130.9,     368.8,       0.0);
     ( 502522.0, 3636375.9,     131.2,     368.8,       0.0);         ( 502622.0,
3636375.9,     131.8,     368.8,       0.0);
     ( 502722.0, 3636375.9,     135.7,     368.8,       0.0);         ( 502822.0,
3636375.9,     139.1,     368.8,       0.0);
     ( 502922.0, 3636375.9,     142.1,     368.8,       0.0);         ( 503022.0,
3636375.9,     144.5,     368.8,       0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 503122.0, 3636375.9, 149.0, 363.2, 0.0); ( 503222.0, 3636375.9, 154.0, 363.2, 0.0);
( 503322.0, 3636375.9, 152.6, 363.2, 0.0); ( 503422.0, 3636375.9, 145.3, 363.2, 0.0);
( 503522.0, 3636375.9, 143.8, 363.2, 0.0); ( 503622.0, 3636375.9, 143.0, 363.2, 0.0);
( 503722.0, 3636375.9, 141.1, 363.2, 0.0); ( 503822.0, 3636375.9, 140.3, 363.2, 0.0);
( 503922.0, 3636375.9, 145.6, 363.2, 0.0); ( 504022.0, 3636375.9, 149.4, 363.2, 0.0);
( 504122.0, 3636375.9, 157.6, 333.1, 0.0); ( 504222.0, 3636375.9, 176.7, 333.1, 0.0);
( 504322.0, 3636375.9, 206.2, 333.1, 0.0); ( 504422.0, 3636375.9, 228.3, 279.6, 0.0);
( 504522.0, 3636375.9, 231.9, 279.6, 0.0); ( 504622.0, 3636375.9, 202.9, 279.6, 0.0);
( 504722.0, 3636375.9, 178.4, 333.1, 0.0); ( 504822.0, 3636375.9, 187.9, 279.6, 0.0);
( 504922.0, 3636375.9, 179.4, 279.6, 0.0); ( 505022.0, 3636375.9, 141.3, 333.1, 0.0);
( 505122.0, 3636375.9, 119.7, 333.1, 0.0); ( 505222.0, 3636375.9, 118.9, 333.1, 0.0);
( 505322.0, 3636375.9, 118.6, 333.1, 0.0); ( 505422.0, 3636375.9, 118.0, 279.6, 0.0);
( 505522.0, 3636375.9, 118.0, 279.6, 0.0); ( 505622.0, 3636375.9, 118.0, 279.6, 0.0);
( 505722.0, 3636375.9, 118.6, 279.6, 0.0); ( 501722.0, 3636475.9, 163.4, 304.2, 0.0);
( 501822.0, 3636475.9, 157.5, 333.1, 0.0); ( 501922.0, 3636475.9, 147.8, 352.4, 0.0);
( 502022.0, 3636475.9, 145.3, 363.2, 0.0); ( 502122.0, 3636475.9, 142.2, 368.8, 0.0);
( 502222.0, 3636475.9, 138.3, 368.8, 0.0); ( 502322.0, 3636475.9, 135.0, 368.8, 0.0);
( 502422.0, 3636475.9, 132.7, 368.8, 0.0); ( 502522.0, 3636475.9, 133.6, 368.8, 0.0);
( 502622.0, 3636475.9, 134.6, 368.8, 0.0); ( 502722.0, 3636475.9, 138.0, 368.8, 0.0);
( 502822.0, 3636475.9, 144.2, 368.8, 0.0); ( 502922.0,

3636475.9,     147.0,     368.8,       0.0);
     ( 503022.0, 3636475.9,     151.1,     368.8,       0.0);         ( 503122.0,
3636475.9,     156.8,     363.2,       0.0);
     ( 503222.0, 3636475.9,     162.1,     363.2,       0.0);         ( 503322.0,
3636475.9,     158.5,     363.2,       0.0);
     ( 503422.0, 3636475.9,     153.5,     363.2,       0.0);         ( 503522.0,
3636475.9,     150.2,     363.2,       0.0);
     ( 503622.0, 3636475.9,     148.9,     363.2,       0.0);         ( 503722.0,
3636475.9,     146.1,     363.2,       0.0);
     ( 503822.0, 3636475.9,     148.5,     363.2,       0.0);         ( 503922.0,
3636475.9,     153.5,     363.2,       0.0);
     ( 504022.0, 3636475.9,     181.2,     333.1,       0.0);         ( 504122.0,
3636475.9,     177.1,     333.1,       0.0);
     ( 504222.0, 3636475.9,     179.1,     333.1,       0.0);         ( 504322.0,
3636475.9,     214.7,     333.1,       0.0);
     ( 504422.0, 3636475.9,     239.0,     279.6,       0.0);         ( 504522.0,
3636475.9,     247.8,     279.6,       0.0);
     ( 504622.0, 3636475.9,     238.9,     279.6,       0.0);         ( 504722.0,
3636475.9,     223.5,     279.6,       0.0);
     ( 504822.0, 3636475.9,     212.8,     279.6,       0.0);         ( 504922.0,
3636475.9,     184.7,     279.6,       0.0);
     ( 505022.0, 3636475.9,     147.6,     333.1,       0.0);         ( 505122.0,
3636475.9,     121.2,     333.1,       0.0);
     ( 505222.0, 3636475.9,     120.0,     333.1,       0.0);         ( 505322.0,
3636475.9,     119.4,     333.1,       0.0);
     ( 505422.0, 3636475.9,     118.3,     333.1,       0.0);         ( 505522.0,
3636475.9,     118.1,     279.6,       0.0);
     ( 505622.0, 3636475.9,     118.3,     279.6,       0.0);         ( 505722.0,
3636475.9,     118.5,     279.6,       0.0);


                                                *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                  (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                          (METERS/SEC)

                                                  1.54,   3.09,   5.14,   8.23,
10.80,
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                    PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                      *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   LES_2019-2021_v22112.SFC
                Met Version:  22112
   Profile file:   LES_2019-2021_v22112.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    53143                  Upper air station no.:     3190
                Name: UNKNOWN                                      Name: UNKNOWN

                Year:   2019                                       Year:   2019

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 19 01 01   1 01   -1.2  0.036 -9.000 -9.000 -999.   17.      3.4  0.03   1.10
1.00    1.07  109.   10.0  279.8   10.0
 19 01 01   1 02   -0.4  0.018 -9.000 -9.000 -999.    6.      1.5  0.03   1.10
```

```
1.00    0.54  221.   10.0  278.4   10.0
 19 01 01   1 03   -0.4  0.020 -9.000 -9.000 -999.    7.      1.7  0.03   1.10
1.00    0.58  120.   10.0  277.3   10.0
 19 01 01   1 04   -0.9  0.029 -9.000 -9.000 -999.   12.      2.3  0.03   1.10
1.00    0.85   74.   10.0  276.5   10.0
 19 01 01   1 05   -0.6  0.024 -9.000 -9.000 -999.    9.      2.0  0.03   1.10
1.00    0.72  108.   10.0  276.0   10.0
 19 01 01   1 06   -1.1  0.032 -9.000 -9.000 -999.   14.      2.6  0.03   1.10
1.00    0.94   44.   10.0  275.4   10.0
 19 01 01   1 07   -0.7  0.024 -9.000 -9.000 -999.    9.      2.0  0.03   1.10
1.00    0.72  288.   10.0  275.5   10.0
 19 01 01   1 08   -0.5  0.024 -9.000 -9.000 -999.    9.      2.5  0.03   1.10
0.49    0.72  231.   10.0  276.0   10.0
 19 01 01   1 09   33.8 -9.000 -9.000 -9.000  154. -999. -99999.0  0.03   1.10
0.30    0.00    0.   10.0  279.9   10.0
 19 01 01   1 10   85.0  0.120  0.857  0.005  265.  100.     -1.8  0.03   1.10
0.23    1.16  332.   10.0  283.3   10.0
 19 01 01   1 11  119.9  0.189  1.381  0.005  785.  197.     -5.0  0.03   1.10
0.21    2.10  320.   10.0  285.3   10.0
 19 01 01   1 12  136.4  0.238  1.521  0.005  922.  278.     -8.8  0.03   1.10
0.20    2.82   18.   10.0  286.5   10.0
 19 01 01   1 13  133.6  0.307  1.572  0.005 1039.  409.    -19.4  0.03   1.10
0.20    3.93   12.   10.0  286.8   10.0
 19 01 01   1 14  112.1  0.313  1.524  0.005 1127.  419.    -24.3  0.03   1.10
0.21    4.07   26.   10.0  286.8   10.0
 19 01 01   1 15   72.7  0.324  1.339  0.005 1180.  443.    -41.9  0.03   1.10
0.24    4.38   62.   10.0  286.8   10.0
 19 01 01   1 16   18.5  0.316  0.851  0.005 1191.  426.   -152.4  0.03   1.10
0.33    4.51   44.   10.0  285.8   10.0
 19 01 01   1 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.03   1.10
0.61    4.02   71.   10.0  284.5   10.0
 19 01 01   1 18  -21.6  0.194 -9.000 -9.000 -999.  205.     30.1  0.03   1.10
1.00    3.67   76.   10.0  283.2   10.0
 19 01 01   1 19   -8.3  0.088 -9.000 -9.000 -999.   69.      7.2  0.03   1.10
1.00    2.59   53.   10.0  282.6   10.0
 19 01 01   1 20   -4.6  0.065 -9.000 -9.000 -999.   40.      5.3  0.03   1.10
1.00    1.92   93.   10.0  280.8   10.0
 19 01 01   1 21   -2.7  0.050 -9.000 -9.000 -999.   27.      4.1  0.03   1.10
1.00    1.48   85.   10.0  278.6   10.0
 19 01 01   1 22   -1.2  0.033 -9.000 -9.000 -999.   14.      2.7  0.03   1.10
1.00    0.98   82.   10.0  277.5   10.0
 19 01 01   1 23   -4.0  0.061 -9.000 -9.000 -999.   36.      4.9  0.03   1.10
1.00    1.79   85.   10.0  276.5   10.0
 19 01 01   1 24   -5.3  0.070 -9.000 -9.000 -999.   44.      5.7  0.03   1.10
1.00    2.06  100.   10.0  276.4   10.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 19 01 01 01   10.0 1  109.    1.07   279.9   38.0  -99.00    0.58
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER    ***
                                    INCLUDING SOURCE(S):     L0000928    , L0000929    , L0000930    , L0000931    , L0000932    ,
                  L0000933    , L0000934    , L0000935    , L0000936    , L0000937    ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

3633475.90 1.04569
503971.98 3633475.90 1.06742 504021.98
3633475.90 1.03231
504071.98 3633475.90 1.06421 504121.98
3633475.90 1.12191
504171.98 3633475.90 1.08847 504221.98
3633475.90 1.12073
504271.98 3633475.90 1.16384 504321.98
3633475.90 1.15978
504371.98 3633475.90 1.04784 504421.98
3633475.90 0.98222
504471.98 3633475.90 0.95339 504521.98
3633475.90 0.95160
504571.98 3633475.90 0.97421 504621.98
3633475.90 1.00101
504671.98 3633475.90 1.01262 504721.98
3633475.90 1.03949
502721.98 3633525.90 0.96713 502771.98
3633525.90 1.01417
502821.98 3633525.90 1.06437 502871.98
3633525.90 1.11819
502921.98 3633525.90 1.17513 502971.98
3633525.90 1.23555
503021.98 3633525.90 1.29976 503071.98
3633525.90 1.36798
503121.98 3633525.90 1.43991 503171.98
3633525.90 1.51644
503221.98 3633525.90 1.59719 503271.98
3633525.90 1.67911
503321.98 3633525.90 1.76592 503371.98
3633525.90 1.37122
503421.98 3633525.90 1.34849 503471.98
3633525.90 1.36871
503521.98 3633525.90 1.34558 503621.98
3633525.90 1.47090
503671.98 3633525.90 1.37403 503721.98
3633525.90 1.38593
503771.98 3633525.90 1.25205 503821.98
3633525.90 1.13012
503871.98 3633525.90 1.18284 503921.98
3633525.90 1.29629
503971.98 3633525.90 1.26810 504021.98
3633525.90 1.20597
504071.98 3633525.90 1.24927 504121.98
3633525.90 1.33194
504171.98 3633525.90 1.34849 504221.98
3633525.90 1.37261
504271.98 3633525.90 1.33141 504321.98
3633525.90 1.15092
504371.98 3633525.90 1.09217 504421.98

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929
, L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 0.99718 | 502771.98 | 3633575.90 | 1.04763 |
| 502821.98 | 3633575.90 | 1.10210 | 502871.98 | 3633575.90 | 1.16047 |
| 502921.98 | 3633575.90 | 1.22234 | 502971.98 | 3633575.90 | 1.28866 |
| 503021.98 | 3633575.90 | 1.35963 | 503071.98 | 3633575.90 | 1.43509 |
| 503121.98 | 3633575.90 | 1.51487 | 503171.98 | 3633575.90 | 1.60059 |
| 503221.98 | 3633575.90 | 1.69205 | 503271.98 | 3633575.90 | 1.78747 |
| 503321.98 | 3633575.90 | 1.88561 | 503371.98 | 3633575.90 | 1.72207 |
| 503421.98 | 3633575.90 | 1.72609 | 503471.98 | 3633575.90 | 1.70885 |
| 503521.98 | 3633575.90 | 1.83027 | 503621.98 | 3633575.90 | 1.62119 |

503671.98 3633575.90 1.66183 503721.98
3633575.90 1.72432
503771.98 3633575.90 1.57419 503821.98
3633575.90 1.46988
503871.98 3633575.90 1.57785 503921.98
3633575.90 1.61014
503971.98 3633575.90 1.53357 504021.98
3633575.90 1.53464
504071.98 3633575.90 1.51333 504121.98
3633575.90 1.58459
504171.98 3633575.90 1.61721 504221.98
3633575.90 1.65823
504271.98 3633575.90 1.43550 504321.98
3633575.90 1.24926
504371.98 3633575.90 1.19911 504421.98
3633575.90 1.16453
504471.98 3633575.90 1.17715 504521.98
3633575.90 1.22953
504571.98 3633575.90 1.28595 504621.98
3633575.90 1.27337
504671.98 3633575.90 1.26389 504721.98
3633575.90 1.25507
502721.98 3633625.90 1.02784 502771.98
3633625.90 1.08189
502821.98 3633625.90 1.13996 502871.98
3633625.90 1.20267
502921.98 3633625.90 1.27006 502971.98
3633625.90 1.34297
503021.98 3633625.90 1.42135 503071.98
3633625.90 1.50434
503121.98 3633625.90 1.59340 503171.98
3633625.90 1.68972
503221.98 3633625.90 1.79276 503271.98
3633625.90 1.90204
503321.98 3633625.90 2.01598 503371.98
3633625.90 2.13540
503421.98 3633625.90 1.96186 503471.98
3633625.90 1.96904
503521.98 3633625.90 2.05124 503621.98
3633625.90 1.92371
503671.98 3633625.90 1.84387 503721.98
3633625.90 1.97249
503771.98 3633625.90 1.77692 503821.98
3633625.90 1.77649
503871.98 3633625.90 1.86173 503921.98
3633625.90 1.83830
503971.98 3633625.90 1.85025 504021.98
3633625.90 1.80229
504071.98 3633625.90 1.77371 504121.98
3633625.90 1.88992

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633675.90        1.05837                       502771.98
3633675.90        1.11601
         502821.98    3633675.90        1.17820                       502871.98
3633675.90        1.24564
         502921.98    3633675.90        1.31940                       502971.98
3633675.90        1.39867
         503021.98    3633675.90        1.48436                       503071.98
3633675.90        1.57608
         503121.98    3633675.90        1.67563                       503171.98
3633675.90        1.78334
         503221.98    3633675.90        1.89980                       503271.98
3633675.90        2.02507
         503321.98    3633675.90        2.15742                       503371.98

3633675.90 2.29895
503421.98 3633675.90 2.44746 503471.98
3633675.90 2.59951
503521.98 3633675.90 2.60341 503571.98
3633675.90 2.11281
503671.98 3633675.90 2.10632 503721.98
3633675.90 2.20158
503771.98 3633675.90 2.22629 503821.98
3633675.90 2.18715
503871.98 3633675.90 2.15313 503921.98
3633675.90 2.17976
503971.98 3633675.90 2.15808 504021.98
3633675.90 2.12792
504071.98 3633675.90 2.15951 504121.98
3633675.90 2.24465
504171.98 3633675.90 2.29518 504221.98
3633675.90 2.24638
504271.98 3633675.90 2.02225 504321.98
3633675.90 1.76675
504371.98 3633675.90 1.60801 504421.98
3633675.90 1.56527
504471.98 3633675.90 1.61516 504521.98
3633675.90 1.66617
504571.98 3633675.90 1.64593 504621.98
3633675.90 1.62849
504671.98 3633675.90 1.59833 504721.98
3633675.90 1.56334
502721.98 3633725.90 1.08866 502771.98
3633725.90 1.15028
502821.98 3633725.90 1.21666 502871.98
3633725.90 1.28951
502921.98 3633725.90 1.36975 502971.98
3633725.90 1.45563
503021.98 3633725.90 1.54784 503071.98
3633725.90 1.65011
503121.98 3633725.90 1.76076 503171.98
3633725.90 1.88125
503221.98 3633725.90 2.01276 503271.98
3633725.90 2.15496
503321.98 3633725.90 2.30915 503371.98
3633725.90 2.47480
503421.98 3633725.90 2.65191 503471.98
3633725.90 2.83423
503521.98 3633725.90 3.02684 503571.98
3633725.90 2.87488
503721.98 3633725.90 2.72481 503771.98
3633725.90 2.61856
503821.98 3633725.90 2.65065 503871.98
3633725.90 2.58053
503921.98 3633725.90 2.58171 503971.98

3633725.90        2.49882
         504021.98    3633725.90        2.49660                        504071.98
3633725.90        2.55125
         504121.98    3633725.90        2.72523                        504171.98
3633725.90        2.70755
         504221.98    3633725.90        2.59640                        504271.98
3633725.90        2.54795
         504321.98    3633725.90        2.15205                        504371.98
3633725.90        1.94795
         504421.98    3633725.90        1.89521                        504471.98
3633725.90        1.93015
         504521.98    3633725.90        1.92321                        504571.98
3633725.90        1.87982
         504621.98    3633725.90        1.90301                        504671.98
3633725.90        1.83428
         504721.98    3633725.90        1.74415                        502721.98
3633775.90        1.11824

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502771.98    3633775.90        1.18382                        502821.98
3633775.90        1.25506
         502871.98    3633775.90        1.33287                        502921.98
3633775.90        1.41903
         502971.98    3633775.90        1.51283                        503021.98
3633775.90        1.61445
         503071.98    3633775.90        1.72593                        503121.98
3633775.90        1.84833

503171.98 3633775.90 1.98293 503221.98 3633775.90 2.13056
503271.98 3633775.90 2.29286 503321.98 3633775.90 2.46996
503371.98 3633775.90 2.66287 503421.98 3633775.90 2.87240
503471.98 3633775.90 3.09813 503771.98 3633775.90 3.12244
503821.98 3633775.90 3.14487 503871.98 3633775.90 3.16830
503921.98 3633775.90 3.01888 503971.98 3633775.90 2.93000
504021.98 3633775.90 2.97100 504071.98 3633775.90 3.36221
504121.98 3633775.90 3.35450 504171.98 3633775.90 3.32241
504221.98 3633775.90 3.16082 504271.98 3633775.90 2.97344
504321.98 3633775.90 2.61501 504371.98 3633775.90 2.42943
504421.98 3633775.90 2.36259 504471.98 3633775.90 2.25714
504521.98 3633775.90 2.32199 504571.98 3633775.90 2.38259
504621.98 3633775.90 2.26234 504671.98 3633775.90 2.11496
504721.98 3633775.90 1.97933 502721.98 3633825.90 1.14738
502771.98 3633825.90 1.21673 502821.98 3633825.90 1.29277
502871.98 3633825.90 1.37596 502921.98 3633825.90 1.46868
502971.98 3633825.90 1.56960 503021.98 3633825.90 1.68022
503071.98 3633825.90 1.80255 503121.98 3633825.90 1.93787
503171.98 3633825.90 2.08811 503221.98 3633825.90 2.25443
503271.98 3633825.90 2.43877 503771.98 3633825.90 3.99050
503821.98 3633825.90 4.09322 503871.98 3633825.90 3.88524
503921.98 3633825.90 3.59201 503971.98 3633825.90 3.57888
504021.98 3633825.90 4.09789 504071.98 3633825.90 4.08245
504121.98 3633825.90 4.09562 504171.98 3633825.90 4.11461
504221.98 3633825.90 3.89636 504271.98 3633825.90 3.73784

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3633825.90 | 3.56045 | 504371.98 | 3633825.90 | 3.31603 |
| 504421.98 | 3633825.90 | 3.04781 | 504471.98 | 3633825.90 | 2.90710 |
| 504521.98 | 3633825.90 | 2.85459 | 504571.98 | 3633825.90 | 2.84562 |
| 504621.98 | 3633825.90 | 2.60849 | 504671.98 | 3633825.90 | 2.39400 |
| 504721.98 | 3633825.90 | 2.25701 | 502721.98 | 3633875.90 | 1.17518 |
| 502771.98 | 3633875.90 | 1.24859 | 502821.98 | 3633875.90 | 1.32908 |
| 502871.98 | 3633875.90 | 1.41751 | 502921.98 | 3633875.90 | 1.51735 |
| 502971.98 | 3633875.90 | 1.62559 | 503021.98 | 3633875.90 | 1.74576 |
| 503071.98 | 3633875.90 | 1.87980 | 503121.98 | 3633875.90 | 2.02804 |
| 503171.98 | 3633875.90 | 2.19456 | 503221.98 | 3633875.90 | 2.38102 |
| 503271.98 | 3633875.90 | 2.58983 | 503821.98 | 3633875.90 | 4.97465 |
| 503871.98 | 3633875.90 | 4.64919 | 503921.98 | 3633875.90 | 4.58143 |
| 503971.98 | 3633875.90 | 5.24008 | 504021.98 | | |

3633875.90 5.25149
504071.98 3633875.90 5.02822 504121.98
3633875.90 5.16238
504171.98 3633875.90 4.92386 504221.98
3633875.90 4.73611
504271.98 3633875.90 4.53741 504321.98
3633875.90 4.21064
504371.98 3633875.90 3.98275 504421.98
3633875.90 3.69190
504471.98 3633875.90 3.54113 504521.98
3633875.90 3.51995
504571.98 3633875.90 3.33690 504621.98
3633875.90 3.04529
504671.98 3633875.90 2.59607 504721.98
3633875.90 2.44360
502721.98 3633925.90 1.20160 502771.98
3633925.90 1.27850
502821.98 3633925.90 1.36355 502871.98
3633925.90 1.45821
502921.98 3633925.90 1.56378 502971.98
3633925.90 1.67924
503021.98 3633925.90 1.80902 503071.98
3633925.90 1.95473
503121.98 3633925.90 2.11764 503171.98
3633925.90 2.30099
503221.98 3633925.90 2.50784 503271.98
3633925.90 2.74315
503821.98 3633925.90 6.33971 503871.98
3633925.90 6.24845
503921.98 3633925.90 6.50024 503971.98
3633925.90 7.22871
504021.98 3633925.90 6.79718 504071.98
3633925.90 6.72586
504121.98 3633925.90 6.37620 504171.98
3633925.90 6.20349
504221.98 3633925.90 6.01805 504271.98
3633925.90 5.70278
504321.98 3633925.90 5.46673 504371.98
3633925.90 5.03726
504421.98 3633925.90 4.77479 504471.98
3633925.90 4.42181
504521.98 3633925.90 4.03004 504571.98
3633925.90 3.51474
504621.98 3633925.90 3.11943 504671.98
3633925.90 2.81199
504721.98 3633925.90 2.53799 502721.98
3633975.90 1.22665
502771.98 3633975.90 1.30678 502821.98
3633975.90 1.39552
502871.98 3633975.90 1.49619 502921.98

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3633975.90        1.60772
         502971.98    3633975.90        1.73063                        503021.98
3633975.90        1.86976
         503071.98    3633975.90        2.02647                        503121.98
3633975.90        2.20388
         503171.98    3633975.90        2.40509                        503221.98
3633975.90        2.63465
         503271.98    3633975.90        2.89795                        503821.98
3633975.90        8.19747
         503871.98    3633975.90        8.55536                        503921.98
3633975.90       10.55737
         503971.98    3633975.90        9.66677                        504021.98
3633975.90        9.19204
         504071.98    3633975.90        8.67347                        504121.98
3633975.90        8.38705
         504171.98    3633975.90        7.97010                        504221.98
3633975.90        7.42674
         504271.98    3633975.90        7.03175                        504321.98
3633975.90        6.71419
         504371.98    3633975.90        6.05390                        504421.98
3633975.90        5.58680
         504471.98    3633975.90        4.77339                        504521.98
3633975.90        4.01236
         504571.98    3633975.90        3.57149                        504621.98
3633975.90        3.17313
         504671.98    3633975.90        2.79365                        504721.98
3633975.90        2.43420
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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 - - -
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         504171.98    3634075.90       13.28226                       504221.98
3634075.90       12.15278
         504271.98    3634075.90       10.92549                       504321.98
3634075.90        9.28930
         504371.98    3634075.90        7.34803                       504421.98
3634075.90        5.99443
         504471.98    3634075.90        4.90696                       504521.98
3634075.90        4.03231
         504571.98    3634075.90        3.38537                       504621.98
3634075.90        2.84433
         504671.98    3634075.90        2.52313                       504721.98
3634075.90        2.28058
         502721.98    3634125.90        1.29112                       502771.98
3634125.90        1.37852
         502821.98    3634125.90        1.47861                       502871.98
3634125.90        1.59215
         502921.98    3634125.90        1.71813                       502971.98
3634125.90        1.86145
         503021.98    3634125.90        2.02621                       503071.98
3634125.90        2.21365
         503121.98    3634125.90        2.43037                       503171.98
3634125.90        2.68261
         503221.98    3634125.90        2.97482                       503271.98
3634125.90        3.32444
         503921.98    3634125.90       27.98274                       503971.98
3634125.90       28.36739
         504021.98    3634125.90       26.26323                       504071.98
3634125.90       22.80889
         504121.98    3634125.90       20.07175                       504171.98
3634125.90       17.83685
         504221.98    3634125.90       15.46677                       504271.98
3634125.90       12.96901
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 10.40214 | 504371.98 | 3634125.90 | 8.10436 |
| 504421.98 | 3634125.90 | 6.19417 | 504471.98 | 3634125.90 | 4.63793 |
| 504521.98 | 3634125.90 | 3.84413 | 504571.98 | 3634125.90 | 3.18936 |
| 504621.98 | 3634125.90 | 2.70539 | 504671.98 | 3634125.90 | 2.40742 |
| 504721.98 | 3634125.90 | 2.12409 | 502721.98 | 3634175.90 | 1.30401 |
| 502771.98 | 3634175.90 | 1.39570 | 502821.98 | 3634175.90 | 1.49926 |
| 502871.98 | 3634175.90 | 1.61599 | 502921.98 | 3634175.90 | 1.74596 |
| 502971.98 | 3634175.90 | 1.89441 | 503021.98 | 3634175.90 | 2.06587 |
| 503071.98 | 3634175.90 | 2.26102 | 503121.98 | 3634175.90 | 2.48771 |
| 503171.98 | 3634175.90 | 2.75166 | 503221.98 | 3634175.90 | 3.06038 |
| 503271.98 | 3634175.90 | 3.43278 | 503971.98 | 3634175.90 | 47.70036 |
| 504021.98 | 3634175.90 | 41.67066 | 504071.98 | 3634175.90 | 34.09293 |
| 504121.98 | 3634175.90 | 27.20624 | 504171.98 | 3634175.90 | 21.78992 |
| 504221.98 | 3634175.90 | 18.30557 | 504271.98 | 3634175.90 | 14.68398 |
| 504321.98 | 3634175.90 | 11.61169 | 504371.98 | 3634175.90 | 7.47045 |
| 504421.98 | 3634175.90 | 5.12064 | 504471.98 | 3634175.90 | 4.26625 |
| 504521.98 | 3634175.90 | 3.57418 | 504571.98 | 3634175.90 | 2.88121 |
| 504621.98 | 3634175.90 | 2.42783 | 504671.98 | 3634175.90 | 2.12107 |
| 504721.98 | 3634175.90 | 1.84265 | 502721.98 | 3634225.90 | 1.31570 |
| 502771.98 | 3634225.90 | 1.41047 | 502821.98 | 3634225.90 | 1.51675 |
| 502871.98 | 3634225.90 | 1.63563 | 502921.98 | 3634225.90 | 1.76842 |
| 502971.98 | 3634225.90 | 1.92081 | 503021.98 | | |

3634225.90        2.09721
         503071.98    3634225.90        2.29897                          503121.98
3634225.90        2.53368
         503171.98    3634225.90        2.80807                          503221.98
3634225.90        3.13360
         503271.98    3634225.90        3.52628                          504071.98
3634225.90       50.49096
         504121.98    3634225.90       35.31146                          504171.98
3634225.90       25.54965
         504221.98    3634225.90       19.21689                          504271.98
3634225.90       15.21006
         504321.98    3634225.90       11.69388                          504371.98
3634225.90        6.89292
         504421.98    3634225.90        4.74398                          504471.98
3634225.90        3.95953
         504521.98    3634225.90        3.30948                          504571.98
3634225.90        2.70520
         504621.98    3634225.90        2.26974                          504671.98
3634225.90        1.95620
         504721.98    3634225.90        1.71650                          502721.98
3634275.90        1.32529
         502771.98    3634275.90        1.42033                          502821.98
3634275.90        1.52839
         502871.98    3634275.90        1.65153                          502921.98
3634275.90        1.78581
         502971.98    3634275.90        1.93968                          503021.98
3634275.90        2.12046
         503071.98    3634275.90        2.32673                          503121.98
3634275.90        2.56695
         503171.98    3634275.90        2.85046                          503221.98
3634275.90        3.18716
         503271.98    3634275.90        3.59607                          504121.98
3634275.90       40.79056
         504171.98    3634275.90       27.55591                          504221.98
3634275.90       19.62375
         504271.98    3634275.90       14.78872                          504321.98
3634275.90       10.98581

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 7.24568 | 504421.98 | 3634275.90 | 4.97488 |
| 504471.98 | 3634275.90 | 3.87457 | 504521.98 | 3634275.90 | 3.12869 |
| 504571.98 | 3634275.90 | 2.57503 | 504621.98 | 3634275.90 | 2.19940 |
| 504671.98 | 3634275.90 | 1.90871 | 504721.98 | 3634275.90 | 1.69809 |
| 502721.98 | 3634325.90 | 1.32427 | 502771.98 | 3634325.90 | 1.42123 |
| 502821.98 | 3634325.90 | 1.52881 | 502871.98 | 3634325.90 | 1.66170 |
| 502971.98 | 3634325.90 | 1.95209 | 503021.98 | 3634325.90 | 2.13401 |
| 503071.98 | 3634325.90 | 2.34390 | 503121.98 | 3634325.90 | 2.58738 |
| 503171.98 | 3634325.90 | 2.87524 | 503221.98 | 3634325.90 | 3.21855 |
| 503271.98 | 3634325.90 | 3.63507 | 504171.98 | 3634325.90 | 27.09588 |
| 504221.98 | 3634325.90 | 18.43954 | 504271.98 | 3634325.90 | 14.25056 |
| 504321.98 | 3634325.90 | 10.95016 | 504371.98 | 3634325.90 | 8.02072 |
| 504421.98 | 3634325.90 | 5.33127 | 504471.98 | 3634325.90 | 4.04636 |
| 504521.98 | 3634325.90 | 3.18054 | 504571.98 | 3634325.90 | 2.59811 |
| 504621.98 | 3634325.90 | 2.20784 | 504671.98 | 3634325.90 | 1.93028 |
| 504721.98 | 3634325.90 | 1.73124 | 502721.98 | 3634375.90 | 1.32324 |
| 502771.98 | 3634375.90 | 1.42098 | 502821.98 | 3634375.90 | 1.52788 |
| 503021.98 | 3634375.90 | 2.13381 | 503071.98 | 3634375.90 | 2.34767 |
| 503121.98 | 3634375.90 | 2.59172 | 503171.98 | 3634375.90 | 2.87829 |

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         503221.98    3634375.90        3.22283                        503271.98
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3634375.90       13.78446
         504321.98    3634375.90       10.95646                        504371.98
3634375.90        7.79055
         504421.98    3634375.90        4.94492                        504471.98
3634375.90        3.78313
         504521.98    3634375.90        3.11358                        504571.98
3634375.90        2.64256
         504621.98    3634375.90        2.29352                        504671.98
3634375.90        2.02185
         504721.98    3634375.90        1.80752                        502721.98
3634425.90        1.32501
         502771.98    3634425.90        1.42004                        502821.98
3634425.90        1.52635
         504271.98    3634425.90       13.08448                        504321.98
3634425.90       10.43656
         504371.98    3634425.90        8.01607                        504421.98
3634425.90        5.28108
         504471.98    3634425.90        3.90141                        504521.98
3634425.90        3.20112
         504571.98    3634425.90        2.78401                        504621.98
3634425.90        2.45650
         504671.98    3634425.90        2.15720                        504721.98
3634425.90        1.90128
         502721.98    3634475.90        1.32619                        502771.98
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         502821.98    3634475.90        1.52982                        504321.98
3634475.90        9.72892
         504371.98    3634475.90        8.02393                        504421.98
3634475.90        6.48277
         504471.98    3634475.90        4.57939                        504521.98
3634475.90        3.62651
         504571.98    3634475.90        3.12815                        504621.98
3634475.90        2.75650
         504671.98    3634475.90        2.32253                        504721.98
3634475.90        1.99196
         502721.98    3634525.90        1.31996                        502771.98
3634525.90        1.41274
         504371.98    3634525.90        7.46517                        504421.98
3634525.90        6.36624
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 5.46526 | 504521.98 | 3634525.90 | 4.62504 |
| 504571.98 | 3634525.90 | 3.93093 | 504621.98 | 3634525.90 | 3.26241 |
| 504671.98 | 3634525.90 | 2.54795 | 504721.98 | 3634525.90 | 2.10978 |
| 502721.98 | 3634575.90 | 1.30664 | 502771.98 | 3634575.90 | 1.39770 |
| 504421.98 | 3634575.90 | 5.92423 | 504471.98 | 3634575.90 | 5.15918 |
| 504521.98 | 3634575.90 | 4.53385 | 504571.98 | 3634575.90 | 4.01449 |
| 504621.98 | 3634575.90 | 3.47561 | 504671.98 | 3634575.90 | 2.86325 |
| 504721.98 | 3634575.90 | 2.35952 | 502721.98 | 3634625.90 | 1.28928 |
| 502771.98 | 3634625.90 | 1.37677 | 502821.98 | 3634625.90 | 1.47531 |
| 502871.98 | 3634625.90 | 1.58376 | 502921.98 | 3634625.90 | 1.70474 |
| 502971.98 | 3634625.90 | 1.84130 | 503021.98 | 3634625.90 | 1.99570 |
| 503071.98 | 3634625.90 | 2.17094 | 503121.98 | 3634625.90 | 2.37034 |
| 504471.98 | 3634625.90 | 4.80216 | 504521.98 | 3634625.90 | 4.25928 |
| 504571.98 | 3634625.90 | 3.80182 | 504621.98 | 3634625.90 | 3.40024 |
| 504671.98 | 3634625.90 | 3.08649 | 504721.98 | 3634625.90 | 2.68920 |
| 502721.98 | 3634675.90 | 1.26832 | 502771.98 | 3634675.90 | 1.35261 |
| 502821.98 | 3634675.90 | 1.44646 | 502871.98 | | |

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3634675.90        1.54984
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3634675.90        2.10096
         503121.98    3634675.90        2.28768                          503171.98
3634675.90        2.49909
         503221.98    3634675.90        2.74141                          503271.98
3634675.90        3.01600
         503321.98    3634675.90        3.33913                          503371.98
3634675.90        3.71711
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3634675.90        4.67815
         503521.98    3634675.90        5.27047                          504521.98
3634675.90        3.98089
         504571.98    3634675.90        3.58287                          504621.98
3634675.90        3.23287
         504671.98    3634675.90        2.93507                          504721.98
3634675.90        2.66585
         502721.98    3634725.90        1.24393                          502771.98
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         502821.98    3634725.90        1.41287                          502871.98
3634725.90        1.51143
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3634725.90        2.39165
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3634725.90        3.48063
         503421.98    3634725.90        3.86121                          503471.98
3634725.90        4.29146
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         502771.98    3634775.90        1.29279                          502821.98
3634775.90        1.37684
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3634775.90        1.57118
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 1.68364 | 503021.98 | 3634775.90 | 1.80946 |
| 503071.98 | 3634775.90 | 1.94934 | 503121.98 | 3634775.90 | 2.10614 |
| 503171.98 | 3634775.90 | 2.28284 | 503221.98 | 3634775.90 | 2.48030 |
| 503271.98 | 3634775.90 | 2.70428 | 503321.98 | 3634775.90 | 2.95857 |
| 503371.98 | 3634775.90 | 3.24629 | 503421.98 | 3634775.90 | 3.57249 |
| 503471.98 | 3634775.90 | 3.93289 | 503521.98 | 3634775.90 | 4.33411 |
| 503571.98 | 3634775.90 | 4.77020 | 503621.98 | 3634775.90 | 5.23056 |
| 503671.98 | 3634775.90 | 5.69925 | 503721.98 | 3634775.90 | 6.16486 |
| 503771.98 | 3634775.90 | 6.60417 | 503821.98 | 3634775.90 | 6.94963 |
| 504621.98 | 3634775.90 | 2.87327 | 504671.98 | 3634775.90 | 2.63606 |
| 504721.98 | 3634775.90 | 2.42667 | 502721.98 | 3634825.90 | 1.18754 |
| 502771.98 | 3634825.90 | 1.25997 | 502821.98 | 3634825.90 | 1.33885 |
| 502871.98 | 3634825.90 | 1.42529 | 502921.98 | 3634825.90 | 1.52052 |
| 502971.98 | 3634825.90 | 1.62562 | 503021.98 | 3634825.90 | 1.74189 |

503071.98 3634825.90 1.87066 503121.98
3634825.90 2.01477
503171.98 3634825.90 2.17401 503221.98
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503271.98 3634825.90 2.55299 503321.98
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3634825.90 5.86125
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3634825.90 6.15643
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3634825.90 2.30302
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502821.98 3634875.90 1.29921 502871.98
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3634875.90 2.06879
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3634875.90 2.40879
503321.98 3634875.90 2.60273 503371.98
3634875.90 2.81552
503421.98 3634875.90 3.04527 503471.98
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3634875.90 2.18354
502721.98 3634925.90 1.12528 502771.98
3634925.90 1.18927
502821.98 3634925.90 1.25912 502871.98
3634925.90 1.33468

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

3634975.90 1.45135
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3634975.90 1.86850
503221.98 3634975.90 1.99548 503271.98
3634975.90 2.13333
503321.98 3634975.90 2.27986 503371.98
3634975.90 2.43479
503421.98 3634975.90 2.59452 503471.98
3634975.90 2.76133
503521.98 3634975.90 2.92909 503571.98
3634975.90 3.09737
503621.98 3634975.90 3.26224 503671.98
3634975.90 3.41878
503721.98 3634975.90 3.49350 503771.98
3634975.90 3.68574
503821.98 3634975.90 3.79504 503871.98
3634975.90 3.87616
502721.98 3635025.90 1.06188 502771.98
3635025.90 1.11882
502821.98 3635025.90 1.18019 502871.98
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3635025.90 1.39633
503021.98 3635025.90 1.48064 503071.98
3635025.90 1.57157
503121.98 3635025.90 1.66949 503171.98
3635025.90 1.77462
503221.98 3635025.90 1.88712 503271.98
3635025.90 2.00661
503321.98 3635025.90 2.13246 503371.98
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3635075.90        1.88630
         503321.98    3635075.90        1.99443                        503371.98
3635075.90        2.10583

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3635075.90        2.95612
         503821.98    3635075.90        3.03328                        504371.98
3635075.90        2.51676
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3635075.90        2.29157
         504521.98    3635075.90        2.18154                        502721.98
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3635125.90        1.22328

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3635175.90        1.43871
         503171.98    3635175.90        1.51248                    503221.98
3635175.90        1.58856
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3635175.90        1.74706
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3635175.90        1.90962
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3635175.90        1.88301
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3635225.90        1.18691
         503021.98    3635225.90        1.24470                       503071.98
3635225.90        1.30524
         503121.98    3635225.90        1.36836                       503171.98
3635225.90        1.43370
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503221.98    3635225.90        1.50088                       503271.98
3635225.90        1.56938
         503321.98    3635225.90        1.63858                       503371.98
3635225.90        1.70785
         503421.98    3635225.90        1.77657                       503471.98
3635225.90        1.84383
         503521.98    3635225.90        1.90772                       503571.98
3635225.90        1.96055
         503621.98    3635225.90        2.00577                       503671.98
3635225.90        2.10119
         504371.98    3635225.90        1.95603                       504421.98
3635225.90        1.89122
         504471.98    3635225.90        1.82397                       504521.98
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3635225.90 1.75546
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3635225.90 1.61776
502721.98 3635275.90 0.91101 502771.98
3635275.90 0.95162
502821.98 3635275.90 0.99464 502871.98
3635275.90 1.04019
502921.98 3635275.90 1.08779 502971.98
3635275.90 1.13796
503021.98 3635275.90 1.18999 503071.98
3635275.90 1.24422
503121.98 3635275.90 1.30034 503171.98
3635275.90 1.35802
503221.98 3635275.90 1.41796 503271.98
3635275.90 1.47751
503321.98 3635275.90 1.53747 503371.98
3635275.90 1.59674
503421.98 3635275.90 1.65568 503471.98
3635275.90 1.71312
503521.98 3635275.90 1.76910 503571.98
3635275.90 1.81994
503621.98 3635275.90 1.84510 504371.98
3635275.90 1.80785
504421.98 3635275.90 1.75311 504471.98
3635275.90 1.69694
504521.98 3635275.90 1.63890 504571.98
3635275.90 1.57977
504621.98 3635275.90 1.52003 504671.98
3635275.90 1.46216
502721.98 3635325.90 0.88232 502771.98
3635325.90 0.92010
502821.98 3635325.90 0.95994 502871.98
3635325.90 1.00174
502921.98 3635325.90 1.04532 502971.98
3635325.90 1.09095
503021.98 3635325.90 1.13795 503071.98
3635325.90 1.18663
503121.98 3635325.90 1.23657 503171.98
3635325.90 1.28758
503221.98 3635325.90 1.34040 503271.98
3635325.90 1.39234
503321.98 3635325.90 1.44423 503371.98
3635325.90 1.49535
503421.98 3635325.90 1.54585 503471.98
3635325.90 1.59517
503521.98 3635325.90 1.64339 503571.98
3635325.90 1.68796
503621.98 3635325.90 1.70630 504371.98
3635325.90 1.67738
504421.98 3635325.90 1.63141 504471.98

3635325.90        1.58315
         504521.98    3635325.90        1.53358                        504571.98
3635325.90        1.48276
         504621.98    3635325.90        1.43056                        504671.98
3635325.90        1.37833
         504721.98    3635325.90        1.32881                        502721.98
3635375.90        0.85404
         502771.98    3635375.90        0.86798                        502821.98
3635375.90        0.90262
         502871.98    3635375.90        0.94070                        502921.98
3635375.90        0.98404
         502971.98    3635375.90        1.04555                        503021.98
3635375.90        1.07365
         503071.98    3635375.90        1.11298                        503121.98
3635375.90        1.17602
         503171.98    3635375.90        1.22144                        503221.98
3635375.90        1.26799

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503671.98 3635375.90 1.63477 503721.98
3635375.90 1.71674
504371.98 3635375.90 1.56118 504421.98
3635375.90 1.52197
504471.98 3635375.90 1.48072 504521.98
3635375.90 1.43757
504571.98 3635375.90 1.39351 504621.98
3635375.90 1.34784
504671.98 3635375.90 1.30229 504721.98
3635375.90 1.25728
502721.98 3635425.90 0.81301 502771.98
3635425.90 0.83637
502821.98 3635425.90 0.86857 502871.98
3635425.90 0.90323
502921.98 3635425.90 0.94032 502971.98
3635425.90 0.98024
503021.98 3635425.90 1.01999 503071.98
3635425.90 1.06108
503121.98 3635425.90 1.11938 503171.98
3635425.90 1.15950
503221.98 3635425.90 1.19985 503271.98
3635425.90 1.23911
503321.98 3635425.90 1.27875 503371.98
3635425.90 1.31781
503421.98 3635425.90 1.35598 503471.98
3635425.90 1.39272
503521.98 3635425.90 1.42807 503571.98
3635425.90 1.46162
503621.98 3635425.90 1.49274 503671.98
3635425.90 1.51986
503721.98 3635425.90 1.56306 503771.98
3635425.90 1.60318
503821.98 3635425.90 1.64194 504371.98
3635425.90 1.45657
504421.98 3635425.90 1.42261 504471.98
3635425.90 1.38682
504521.98 3635425.90 1.34983 504571.98
3635425.90 1.31137
504621.98 3635425.90 1.27154 504671.98
3635425.90 1.23166
504721.98 3635425.90 1.19175 502721.98
3635475.90 0.78070
502771.98 3635475.90 0.80765 502821.98
3635475.90 0.83844
502871.98 3635475.90 0.87063 502921.98
3635475.90 0.90643
502971.98 3635475.90 0.93981 503021.98
3635475.90 0.97613
503071.98 3635475.90 1.01691 503121.98
3635475.90 1.06593

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503171.98 | 3635475.90 | 1.10149 | 503221.98 | 3635475.90 | 1.13672 |
| 503271.98 | 3635475.90 | 1.17158 | 503321.98 | 3635475.90 | 1.20626 |
| 503371.98 | 3635475.90 | 1.24053 | 503421.98 | 3635475.90 | 1.27390 |
| 503471.98 | 3635475.90 | 1.30603 | 503521.98 | 3635475.90 | 1.33686 |
| 503571.98 | 3635475.90 | 1.36178 | 503621.98 | 3635475.90 | 1.38946 |
| 503671.98 | 3635475.90 | 1.40702 | 503721.98 | 3635475.90 | 1.43233 |
| 503771.98 | 3635475.90 | 1.47533 | 503821.98 | 3635475.90 | 1.49119 |
| 503871.98 | 3635475.90 | 1.49773 | 503921.98 | 3635475.90 | 1.50811 |
| 504371.98 | 3635475.90 | 1.36347 | 504421.98 | 3635475.90 | 1.33400 |
| 504471.98 | 3635475.90 | 1.30242 | 504521.98 | 3635475.90 | 1.27014 |
| 504571.98 | 3635475.90 | 1.23598 | 504621.98 | 3635475.90 | 1.20121 |
| 504671.98 | 3635475.90 | 1.16606 | 504721.98 | 3635475.90 | 1.16405 |
| 502221.98 | 3632975.90 | 0.49525 | 502271.98 | | |

3632975.90 0.51001
502321.98 3632975.90 0.52536 502371.98
3632975.90 0.54132
502421.98 3632975.90 0.55787 502471.98
3632975.90 0.57501
502521.98 3632975.90 0.59260 502571.98
3632975.90 0.61095
502621.98 3632975.90 0.62997 502671.98
3632975.90 0.64947
502721.98 3632975.90 0.66940 502771.98
3632975.90 0.68976
502821.98 3632975.90 0.61049 502871.98
3632975.90 0.52850
502921.98 3632975.90 0.54120 502971.98
3632975.90 0.38976
503021.98 3632975.90 0.39733 503071.98
3632975.90 0.47023
503121.98 3632975.90 0.55657 503171.98
3632975.90 0.63349
503221.98 3632975.90 0.67491 503271.98
3632975.90 0.68726
503321.98 3632975.90 0.68672 503371.98
3632975.90 0.69318
503421.98 3632975.90 0.66470 503471.98
3632975.90 0.65778
503621.98 3632975.90 0.62119 503671.98
3632975.90 0.60145
503721.98 3632975.90 0.57729 503771.98
3632975.90 0.54231
503821.98 3632975.90 0.46944 503871.98
3632975.90 0.41788
503921.98 3632975.90 0.40466 503971.98
3632975.90 0.40590
504021.98 3632975.90 0.40529 504071.98
3632975.90 0.41304
504121.98 3632975.90 0.41337 504171.98
3632975.90 0.42003
504221.98 3632975.90 0.42480 504271.98
3632975.90 0.42950
504321.98 3632975.90 0.43199 504371.98
3632975.90 0.42966
504421.98 3632975.90 0.42821 504471.98
3632975.90 0.42641
504521.98 3632975.90 0.42456 504571.98
3632975.90 0.42304
504621.98 3632975.90 0.42288 504671.98
3632975.90 0.42436
504721.98 3632975.90 0.42646 504771.98
3632975.90 0.42835
504821.98 3632975.90 0.43022 504871.98

3632975.90        0.43390
         504921.98    3632975.90        0.43787                        504971.98
3632975.90        0.43990
         505021.98    3632975.90        0.43955                        505071.98
3632975.90        0.43833
         505121.98    3632975.90        0.43798                        505171.98
3632975.90        0.44038
         505221.98    3632975.90        0.44540                        502221.98
3633025.90        0.50640
         502271.98    3633025.90        0.52258                        502321.98
3633025.90        0.53866
         502371.98    3633025.90        0.55559                        502421.98
3633025.90        0.57318
         502471.98    3633025.90        0.59125                        502521.98
3633025.90        0.61013
         502571.98    3633025.90        0.62972                        502621.98
3633025.90        0.65004
         502671.98    3633025.90        0.67087                        502721.98
3633025.90        0.69232
         502771.98    3633025.90        0.71435                        502821.98
3633025.90        0.62437
         502871.98    3633025.90        0.58942                        502921.98
3633025.90        0.56020
         502971.98    3633025.90        0.40493                        503021.98
3633025.90        0.43860
         503071.98    3633025.90        0.54071                        503121.98
3633025.90        0.64201

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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         502621.98    3633075.90        0.67073                        502671.98
3633075.90        0.69312
         502721.98    3633075.90        0.71616                        502771.98
3633075.90        0.74002
         502821.98    3633075.90        0.68487                        502871.98
3633075.90        0.65875
         502921.98    3633075.90        0.62851                        502971.98
3633075.90        0.56492
         503021.98    3633075.90        0.60648                        503071.98
3633075.90        0.63856
         503121.98    3633075.90        0.70092                        503171.98
3633075.90        0.74698
         503221.98    3633075.90        0.81161                        503271.98
3633075.90        0.79806
         503321.98    3633075.90        0.79149                        503371.98
3633075.90        0.77209
         503421.98    3633075.90        0.71905                        503471.98
3633075.90        0.73331
         503621.98    3633075.90        0.66688                        503671.98
3633075.90        0.64743
         503721.98    3633075.90        0.63285                        503771.98
3633075.90        0.54728
         503821.98    3633075.90        0.47514                        503871.98
3633075.90        0.44262
         503921.98    3633075.90        0.44314                        503971.98
3633075.90        0.45006
         504021.98    3633075.90        0.45253                        504071.98
3633075.90        0.45922
         504121.98    3633075.90        0.46700                        504171.98
3633075.90        0.47439
         504221.98    3633075.90        0.48096                        504271.98
3633075.90        0.48555
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 0.48823 | 504371.98 | 3633075.90 | 0.48509 |
| 504421.98 | 3633075.90 | 0.48318 | 504471.98 | 3633075.90 | 0.47900 |
| 504521.98 | 3633075.90 | 0.47607 | 504571.98 | 3633075.90 | 0.47603 |
| 504621.98 | 3633075.90 | 0.47784 | 504671.98 | 3633075.90 | 0.48045 |
| 504721.98 | 3633075.90 | 0.48339 | 504771.98 | 3633075.90 | 0.48812 |
| 504821.98 | 3633075.90 | 0.49371 | 504871.98 | 3633075.90 | 0.49875 |
| 504921.98 | 3633075.90 | 0.50195 | 504971.98 | 3633075.90 | 0.49949 |
| 505021.98 | 3633075.90 | 0.49631 | 505071.98 | 3633075.90 | 0.49549 |
| 505121.98 | 3633075.90 | 0.49845 | 505171.98 | 3633075.90 | 0.50462 |
| 505221.98 | 3633075.90 | 0.51106 | 502221.98 | 3633125.90 | 0.53072 |
| 502271.98 | 3633125.90 | 0.54818 | 502321.98 | 3633125.90 | 0.56626 |
| 502371.98 | 3633125.90 | 0.58509 | 502421.98 | 3633125.90 | 0.60480 |
| 502471.98 | 3633125.90 | 0.62518 | 502521.98 | 3633125.90 | 0.64653 |
| 502571.98 | 3633125.90 | 0.66879 | 502621.98 | 3633125.90 | 0.69197 |
| 502671.98 | 3633125.90 | 0.71611 | 502721.98 | 3633125.90 | 0.74098 |
| 502771.98 | 3633125.90 | 0.76654 | 502821.98 | 3633125.90 | 0.79307 |
| 502871.98 | 3633125.90 | 0.72407 | 502921.98 | 3633125.90 | 0.71897 |
| 502971.98 | 3633125.90 | 0.68195 | 503021.98 | 3633125.90 | 0.67590 |
| 503071.98 | 3633125.90 | 0.71999 | 503121.98 | 3633125.90 | 0.76623 |
| 503171.98 | 3633125.90 | 0.82297 | 503221.98 | 3633125.90 | 0.86567 |
| 503271.98 | 3633125.90 | 0.86596 | 503321.98 | 3633125.90 | 0.87528 |
| 503371.98 | 3633125.90 | 0.82834 | 503421.98 | | |

3633125.90        0.76093
         503471.98    3633125.90        0.77584                        503621.98
3633125.90        0.68869
         503671.98    3633125.90        0.65609                        503721.98
3633125.90        0.64176
         503771.98    3633125.90        0.54156                        503821.98
3633125.90        0.48707
         503871.98    3633125.90        0.46711                        503921.98
3633125.90        0.47111
         503971.98    3633125.90        0.47932                        504021.98
3633125.90        0.48030
         504071.98    3633125.90        0.49073                        504121.98
3633125.90        0.50122
         504171.98    3633125.90        0.50941                        504221.98
3633125.90        0.51583
         504271.98    3633125.90        0.52064                        504321.98
3633125.90        0.52150
         504371.98    3633125.90        0.51960                        504421.98
3633125.90        0.51647
         504471.98    3633125.90        0.51091                        504521.98
3633125.90        0.50838
         504571.98    3633125.90        0.50911                        504621.98
3633125.90        0.51174
         504671.98    3633125.90        0.51496                        504721.98
3633125.90        0.51917
         504771.98    3633125.90        0.52518                        504821.98
3633125.90        0.53075
         504871.98    3633125.90        0.53523                        504921.98
3633125.90        0.54019
         504971.98    3633125.90        0.53572                        505021.98
3633125.90        0.53135
         505071.98    3633125.90        0.53122                        505121.98
3633125.90        0.53518
         505171.98    3633125.90        0.53964                        505221.98
3633125.90        0.54424
         502221.98    3633175.90        0.54282                        502271.98
3633175.90        0.56102

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 0.58009 | 502371.98 | 3633175.90 | 0.60036 |
| 502421.98 | 3633175.90 | 0.62133 | 502471.98 | 3633175.90 | 0.64294 |
| 502521.98 | 3633175.90 | 0.66567 | 502571.98 | 3633175.90 | 0.68943 |
| 502621.98 | 3633175.90 | 0.71417 | 502671.98 | 3633175.90 | 0.73978 |
| 502721.98 | 3633175.90 | 0.76615 | 502771.98 | 3633175.90 | 0.79363 |
| 502821.98 | 3633175.90 | 0.73531 | 502871.98 | 3633175.90 | 0.85244 |
| 502921.98 | 3633175.90 | 0.78476 | 502971.98 | 3633175.90 | 0.80478 |
| 503021.98 | 3633175.90 | 0.80014 | 503071.98 | 3633175.90 | 0.83717 |
| 503121.98 | 3633175.90 | 0.84862 | 503171.98 | 3633175.90 | 0.90891 |
| 503221.98 | 3633175.90 | 0.90442 | 503271.98 | 3633175.90 | 0.90313 |
| 503321.98 | 3633175.90 | 0.92066 | 503371.98 | 3633175.90 | 0.87002 |
| 503421.98 | 3633175.90 | 0.81771 | 503471.98 | 3633175.90 | 0.81264 |
| 503621.98 | 3633175.90 | 0.68277 | 503671.98 | 3633175.90 | 0.68254 |
| 503721.98 | 3633175.90 | 0.62837 | 503771.98 | 3633175.90 | 0.54248 |
| 503821.98 | 3633175.90 | 0.50305 | 503871.98 | 3633175.90 | 0.49367 |
| 503921.98 | 3633175.90 | 0.50357 | 503971.98 | 3633175.90 | 0.51259 |
| 504021.98 | 3633175.90 | 0.51465 | 504071.98 | 3633175.90 | 0.52734 |
| 504121.98 | 3633175.90 | 0.54055 | 504171.98 | 3633175.90 | 0.55239 |
| 504221.98 | 3633175.90 | 0.55761 | 504271.98 | 3633175.90 | 0.56052 |

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         504321.98    3633175.90        0.56050                        504371.98
3633175.90        0.56199
         504421.98    3633175.90        0.55413                        504471.98
3633175.90        0.54724
         504521.98    3633175.90        0.54532                        504571.98
3633175.90        0.54697
         504621.98    3633175.90        0.55059                        504671.98
3633175.90        0.55540
         504721.98    3633175.90        0.56136                        504771.98
3633175.90        0.56759
         504821.98    3633175.90        0.57138                        504871.98
3633175.90        0.57499
         504921.98    3633175.90        0.58260                        504971.98
3633175.90        0.57485
         505021.98    3633175.90        0.57099                        505071.98
3633175.90        0.57234
         505121.98    3633175.90        0.57434                        505171.98
3633175.90        0.57483
         505221.98    3633175.90        0.57543                        502221.98
3633225.90        0.55509
         502271.98    3633225.90        0.57439                        502321.98
3633225.90        0.59444
         502371.98    3633225.90        0.61587                        502421.98
3633225.90        0.63798
         502471.98    3633225.90        0.66078                        502521.98
3633225.90        0.68504
         502571.98    3633225.90        0.71033                        502621.98
3633225.90        0.73684
         502671.98    3633225.90        0.76430                        502721.98
3633225.90        0.79259
         502771.98    3633225.90        0.82252                        502821.98
3633225.90        0.85335
         502871.98    3633225.90        0.86092                        502921.98
3633225.90        0.91960
         502971.98    3633225.90        0.95468                        503021.98
3633225.90        0.88740
         503071.98    3633225.90        0.92139                        503121.98
3633225.90        0.96291
         503171.98    3633225.90        0.97450                        503221.98
3633225.90        0.96961
         503271.98    3633225.90        0.96867                        503321.98
3633225.90        0.95344
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 0.89321 | 503421.98 | 3633225.90 | 0.87144 |
| 503471.98 | 3633225.90 | 0.84024 | 503621.98 | 3633225.90 | 0.72349 |
| 503671.98 | 3633225.90 | 0.70006 | 503721.98 | 3633225.90 | 0.63276 |
| 503771.98 | 3633225.90 | 0.57052 | 503821.98 | 3633225.90 | 0.52832 |
| 503871.98 | 3633225.90 | 0.52971 | 503921.98 | 3633225.90 | 0.53846 |
| 503971.98 | 3633225.90 | 0.55035 | 504021.98 | 3633225.90 | 0.56000 |
| 504071.98 | 3633225.90 | 0.57499 | 504121.98 | 3633225.90 | 0.59097 |
| 504171.98 | 3633225.90 | 0.60224 | 504221.98 | 3633225.90 | 0.60021 |
| 504271.98 | 3633225.90 | 0.60304 | 504321.98 | 3633225.90 | 0.60853 |
| 504371.98 | 3633225.90 | 0.60971 | 504421.98 | 3633225.90 | 0.59706 |
| 504471.98 | 3633225.90 | 0.58987 | 504521.98 | 3633225.90 | 0.58847 |
| 504571.98 | 3633225.90 | 0.59095 | 504621.98 | 3633225.90 | 0.59575 |
| 504671.98 | 3633225.90 | 0.60381 | 504721.98 | 3633225.90 | 0.61158 |
| 504771.98 | 3633225.90 | 0.61542 | 504821.98 | 3633225.90 | 0.61960 |
| 504871.98 | 3633225.90 | 0.62133 | 504921.98 | 3633225.90 | 0.62948 |
| 504971.98 | 3633225.90 | 0.62306 | 505021.98 | 3633225.90 | 0.61915 |
| 505071.98 | 3633225.90 | 0.61867 | 505121.98 | | |

```
3633225.90        0.61529
         505171.98    3633225.90        0.60904                      505221.98
3633225.90        0.60677
         502221.98    3633275.90        0.56727                      502271.98
3633275.90        0.58753
         502321.98    3633275.90        0.60900                      502371.98
3633275.90        0.63140
         502421.98    3633275.90        0.65469                      502471.98
3633275.90        0.67916
         502521.98    3633275.90        0.70488                      502571.98
3633275.90        0.73181
         502621.98    3633275.90        0.76009                      502671.98
3633275.90        0.78953
         502721.98    3633275.90        0.82030                      502771.98
3633275.90        0.85221
         502821.98    3633275.90        0.74923                      502871.98
3633275.90        0.88605
         502921.98    3633275.90        0.95790                      502971.98
3633275.90        0.99626
         503021.98    3633275.90        0.99726                      503071.98
3633275.90        1.07702
         503121.98    3633275.90        1.11980                      503171.98
3633275.90        1.16293
         503221.98    3633275.90        1.05947                      503271.98
3633275.90        0.99694
         503321.98    3633275.90        1.00621                      503371.98
3633275.90        0.95604
         503421.98    3633275.90        0.91675                      503471.98
3633275.90        0.69316
         503621.98    3633275.90        0.72332                      503671.98
3633275.90        0.70558
         503721.98    3633275.90        0.63770                      503771.98
3633275.90        0.58774
         503821.98    3633275.90        0.55859                      503871.98
3633275.90        0.56788
         503921.98    3633275.90        0.58459                      503971.98
3633275.90        0.61223
         504021.98    3633275.90        0.62337                      504071.98
3633275.90        0.63317
         504121.98    3633275.90        0.65411                      504171.98
3633275.90        0.65495
         504221.98    3633275.90        0.65194                      504271.98
3633275.90        0.65479
         504321.98    3633275.90        0.66512                      504371.98
3633275.90        0.67136
         504421.98    3633275.90        0.65256                      504471.98
3633275.90        0.64144
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 0.63916 | 504571.98 | 3633275.90 | 0.64240 |
| 504621.98 | 3633275.90 | 0.65025 | 504671.98 | 3633275.90 | 0.66235 |
| 504721.98 | 3633275.90 | 0.66787 | 504771.98 | 3633275.90 | 0.66426 |
| 504821.98 | 3633275.90 | 0.66805 | 504871.98 | 3633275.90 | 0.67581 |
| 504921.98 | 3633275.90 | 0.68755 | 504971.98 | 3633275.90 | 0.68226 |
| 505021.98 | 3633275.90 | 0.67524 | 505071.98 | 3633275.90 | 0.67061 |
| 505121.98 | 3633275.90 | 0.66096 | 505171.98 | 3633275.90 | 0.64771 |
| 505221.98 | 3633275.90 | 0.64297 | 502221.98 | 3633325.90 | 0.57956 |
| 502271.98 | 3633325.90 | 0.60092 | 502321.98 | 3633325.90 | 0.62339 |
| 502371.98 | 3633325.90 | 0.64692 | 502421.98 | 3633325.90 | 0.67162 |
| 502471.98 | 3633325.90 | 0.69742 | 502521.98 | 3633325.90 | 0.72486 |
| 502571.98 | 3633325.90 | 0.75363 | 502621.98 | 3633325.90 | 0.78386 |
| 502671.98 | 3633325.90 | 0.81544 | 502721.98 | 3633325.90 | 0.84852 |
| 502771.98 | 3633325.90 | 0.88272 | 502821.98 | 3633325.90 | 0.91900 |

```
        502871.98    3633325.90        0.95792                    502921.98
3633325.90        0.99802
        502971.98    3633325.90        1.03984                    503021.98
3633325.90        1.08345
        503071.98    3633325.90        1.12917                    503121.98
3633325.90        1.17652
        503171.98    3633325.90        1.22504                    503221.98
3633325.90        1.27448
        503271.98    3633325.90        1.04351                    503321.98
3633325.90        1.05049
        503371.98    3633325.90        0.99741                    503421.98
3633325.90        0.83249
        503471.98    3633325.90        0.65694                    503621.98
3633325.90        0.72387
        503671.98    3633325.90        0.70565                    503721.98
3633325.90        0.63781
        503771.98    3633325.90        0.62099                    503821.98
3633325.90        0.60553
        503871.98    3633325.90        0.61435                    503921.98
3633325.90        0.65077
        503971.98    3633325.90        0.69913                    504021.98
3633325.90        0.70385
        504071.98    3633325.90        0.70517                    504121.98
3633325.90        0.73491
        504171.98    3633325.90        0.71771                    504221.98
3633325.90        0.71041
        504271.98    3633325.90        0.71915                    504321.98
3633325.90        0.74161
        504371.98    3633325.90        0.74814                    504421.98
3633325.90        0.71982
        504471.98    3633325.90        0.70342                    504521.98
3633325.90        0.69884
        504571.98    3633325.90        0.70443                    504621.98
3633325.90        0.71654
        504671.98    3633325.90        0.73198                    504721.98
3633325.90        0.73126
        504771.98    3633325.90        0.72168                    504821.98
3633325.90        0.72309
        504871.98    3633325.90        0.74275                    504921.98
3633325.90        0.75785
        504971.98    3633325.90        0.74963                    505021.98
3633325.90        0.73911
        505071.98    3633325.90        0.73062                    505121.98
3633325.90        0.70764
        505171.98    3633325.90        0.69098                    505221.98
3633325.90        0.68563
        502221.98    3633375.90        0.59200                    502271.98
3633375.90        0.61427
        502321.98    3633375.90        0.63771                    502371.98
3633375.90        0.66242
```

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3633375.90        0.74509                      502571.98
3633375.90        0.77574
         502621.98    3633375.90        0.80805                      502671.98
3633375.90        0.84194
         502721.98    3633375.90        0.87752                      502771.98
3633375.90        0.91498
         502821.98    3633375.90        0.95444                      502871.98
3633375.90        0.99611
         502921.98    3633375.90        1.03978                      502971.98
3633375.90        1.08564
         503021.98    3633375.90        1.13366                      503071.98
3633375.90        1.18416
         503121.98    3633375.90        1.23669                      503171.98
3633375.90        1.29106
         503221.98    3633375.90        1.34665                      503271.98
3633375.90        1.40371
         503321.98    3633375.90        1.24642                      503371.98
3633375.90        1.06859
         503421.98    3633375.90        0.79590                      503471.98
3633375.90        0.78570
         503621.98    3633375.90        0.79805                      503671.98
3633375.90        0.75609
         503721.98    3633375.90        0.69856                      503771.98

3633375.90 0.69019
503821.98 3633375.90 0.69967 503871.98
3633375.90 0.69333
503921.98 3633375.90 0.74203 503971.98
3633375.90 0.80836
504021.98 3633375.90 0.79806 504071.98
3633375.90 0.79228
504121.98 3633375.90 0.83012 504171.98
3633375.90 0.78884
504221.98 3633375.90 0.78879 504271.98
3633375.90 0.81177
504321.98 3633375.90 0.84296 504371.98
3633375.90 0.84652
504421.98 3633375.90 0.79992 504471.98
3633375.90 0.77464
504521.98 3633375.90 0.76824 504571.98
3633375.90 0.77992
504621.98 3633375.90 0.79654 504671.98
3633375.90 0.81524
504721.98 3633375.90 0.80280 504771.98
3633375.90 0.78912
504821.98 3633375.90 0.79656 504871.98
3633375.90 0.83057
504921.98 3633375.90 0.83619 504971.98
3633375.90 0.82556
505021.98 3633375.90 0.80933 505071.98
3633375.90 0.78231
505121.98 3633375.90 0.75510 505171.98
3633375.90 0.73737
505221.98 3633375.90 0.73237 502221.98
3633425.90 0.60394
502271.98 3633425.90 0.62709 502321.98
3633425.90 0.65151
502371.98 3633425.90 0.67750 502421.98
3633425.90 0.70517
502471.98 3633425.90 0.73493 502521.98
3633425.90 0.76564
502571.98 3633425.90 0.79813 502621.98
3633425.90 0.83258
502671.98 3633425.90 0.86887 502721.98
3633425.90 0.90728
502771.98 3633425.90 0.94780 502821.98
3633425.90 0.99059
502871.98 3633425.90 1.03576 502921.98
3633425.90 1.08328
502971.98 3633425.90 1.13352 503021.98
3633425.90 1.18656
503071.98 3633425.90 1.24213 503121.98
3633425.90 1.30076
503171.98 3633425.90 1.36138 503221.98

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929
, L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 0.87690 | 503721.98 | 3633425.90 | 0.79183 |
| 503771.98 | 3633425.90 | 0.77625 | 503821.98 | 3633425.90 | 0.79042 |
| 503871.98 | 3633425.90 | 0.80699 | 503921.98 | 3633425.90 | 0.88433 |
| 503971.98 | 3633425.90 | 0.92262 | 504021.98 | 3633425.90 | 0.90499 |
| 504071.98 | 3633425.90 | 0.90227 | 504121.98 | 3633425.90 | 0.94615 |
| 504171.98 | 3633425.90 | 0.90056 | 504221.98 | 3633425.90 | 0.91603 |
| 504271.98 | 3633425.90 | 0.95798 | 504321.98 | 3633425.90 | 1.00018 |
| 504371.98 | 3633425.90 | 0.94632 | 504421.98 | 3633425.90 | 0.89150 |
| 504471.98 | 3633425.90 | 0.86204 | 504521.98 | 3633425.90 | 0.85290 |

504571.98 3633425.90 0.87089 504621.98
3633425.90 0.89570
504671.98 3633425.90 0.90651 504721.98
3633425.90 0.90072
504771.98 3633425.90 0.88627 504821.98
3633425.90 0.88518
504871.98 3633425.90 0.92396 504921.98
3633425.90 0.91411
504971.98 3633425.90 0.89263 505021.98
3633425.90 0.85262
505071.98 3633425.90 0.82454 505121.98
3633425.90 0.80271
505171.98 3633425.90 0.78565 505221.98
3633425.90 0.78080
502221.98 3633475.90 0.61587 502271.98
3633475.90 0.64000
502321.98 3633475.90 0.66566 502371.98
3633475.90 0.69300
502421.98 3633475.90 0.72215 502471.98
3633475.90 0.75371
502521.98 3633475.90 0.78590 502571.98
3633475.90 0.82039
502621.98 3633475.90 0.85718 502671.98
3633475.90 0.89597
504771.98 3633475.90 1.02922 504821.98
3633475.90 1.03053
504871.98 3633475.90 1.02028 504921.98
3633475.90 1.00606
504971.98 3633475.90 0.96385 505021.98
3633475.90 0.91151
505071.98 3633475.90 0.88011 505121.98
3633475.90 0.85466
505171.98 3633475.90 0.83143 505221.98
3633475.90 0.82052
502221.98 3633525.90 0.62800 502271.98
3633525.90 0.65315
502321.98 3633525.90 0.67988 502371.98
3633525.90 0.70884
502421.98 3633525.90 0.73963 502471.98
3633525.90 0.77244
502521.98 3633525.90 0.80621 502571.98
3633525.90 0.84203
502621.98 3633525.90 0.88126 502671.98
3633525.90 0.92282
504771.98 3633525.90 1.13338 504821.98
3633525.90 1.11653
504871.98 3633525.90 1.09993 504921.98
3633525.90 1.08310
504971.98 3633525.90 1.06152 505021.98
3633525.90 1.00477

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633575.90        0.90575                       502671.98
3633575.90        0.94995
         504771.98    3633575.90        1.23390                       504821.98
3633575.90        1.21455
         504871.98    3633575.90        1.19459                       504921.98
3633575.90        1.16079
         504971.98    3633575.90        1.14084                       505021.98
3633575.90        1.09603
         505071.98    3633575.90        1.02337                       505121.98
3633575.90        0.96035
         505171.98    3633575.90        0.92398                       505221.98
3633575.90        0.90614
         502221.98    3633625.90        0.65230                       502271.98

3633625.90 0.67824
502321.98 3633625.90 0.70776 502371.98
3633625.90 0.73919
502421.98 3633625.90 0.77294 502471.98
3633625.90 0.80799
502521.98 3633625.90 0.84663 502571.98
3633625.90 0.88740
502621.98 3633625.90 0.93117 502671.98
3633625.90 0.97783
504771.98 3633625.90 1.34259 504821.98
3633625.90 1.34527
504871.98 3633625.90 1.29573 504921.98
3633625.90 1.25346
504971.98 3633625.90 1.22321 505021.98
3633625.90 1.17424
505071.98 3633625.90 1.08863 505121.98
3633625.90 1.01950
505171.98 3633625.90 0.97018 505221.98
3633625.90 0.94525
502221.98 3633675.90 0.66304 502271.98
3633675.90 0.69018
502321.98 3633675.90 0.72089 502371.98
3633675.90 0.75331
502421.98 3633675.90 0.78889 502471.98
3633675.90 0.82621
502521.98 3633675.90 0.86654 502571.98
3633675.90 0.90949
502621.98 3633675.90 0.95559 502671.98
3633675.90 1.00507
504771.98 3633675.90 1.49410 504821.98
3633675.90 1.46328
504871.98 3633675.90 1.41935 504921.98
3633675.90 1.36896
504971.98 3633675.90 1.31302 505021.98
3633675.90 1.24641
505071.98 3633675.90 1.14503 505121.98
3633675.90 1.05519
505171.98 3633675.90 0.99650 505221.98
3633675.90 0.96020
502221.98 3633725.90 0.67337 502271.98
3633725.90 0.70171
502321.98 3633725.90 0.73391 502371.98
3633725.90 0.76795
502421.98 3633725.90 0.80453 502471.98
3633725.90 0.84373
502521.98 3633725.90 0.88587 502571.98
3633725.90 0.93114
502621.98 3633725.90 0.97983 502671.98
3633725.90 1.03210
504771.98 3633725.90 1.69994 504821.98

3633725.90        1.60280
         504871.98    3633725.90        1.54375                        504921.98
3633725.90        1.46539
         504971.98    3633725.90        1.38266                        505021.98
3633725.90        1.28558
         505071.98    3633725.90        1.16317                        505121.98
3633725.90        1.06525
         505171.98    3633725.90        1.00874                        505221.98
3633725.90        0.96427
         502221.98    3633775.90        0.68355                        502271.98
3633775.90        0.71294
         502321.98    3633775.90        0.74707                        502371.98
3633775.90        0.78216
         502421.98    3633775.90        0.82035                        502471.98
3633775.90        0.86055
         502521.98    3633775.90        0.90469                        502571.98
3633775.90        0.95223

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

505071.98 3633775.90 1.17445 505121.98 3633775.90 1.07513
505171.98 3633775.90 1.01564 505221.98 3633775.90 0.97735
502221.98 3633825.90 0.69405 502271.98 3633825.90 0.72426
502321.98 3633825.90 0.75886 502371.98 3633825.90 0.79559
502421.98 3633825.90 0.83482 502471.98 3633825.90 0.87690
502521.98 3633825.90 0.92276 502571.98 3633825.90 0.97254
502621.98 3633825.90 1.02639 502671.98 3633825.90 1.08435
504771.98 3633825.90 2.08598 504821.98 3633825.90 1.90580
504871.98 3633825.90 1.66288 504921.98 3633825.90 1.50240
504971.98 3633825.90 1.38672 505021.98 3633825.90 1.28781
505071.98 3633825.90 1.18161 505121.98 3633825.90 1.08666
505171.98 3633825.90 1.03723 505221.98 3633825.90 1.00344
502221.98 3633875.90 0.70305 502271.98 3633875.90 0.73463
502321.98 3633875.90 0.77067 502371.98 3633875.90 0.80780
502421.98 3633875.90 0.84867 502471.98 3633875.90 0.89197
502521.98 3633875.90 0.94002 502571.98 3633875.90 0.99213
502621.98 3633875.90 1.04840 502671.98 3633875.90 1.10913
504771.98 3633875.90 2.18701 504821.98 3633875.90 1.90647
504871.98 3633875.90 1.65638 504921.98 3633875.90 1.49955
504971.98 3633875.90 1.37593 505021.98 3633875.90 1.27338
505071.98 3633875.90 1.20004 505121.98 3633875.90 1.11929
505171.98 3633875.90 1.06803 505221.98 3633875.90 1.02286
502221.98 3633925.90 0.71176 502271.98 3633925.90 0.74480
502321.98 3633925.90 0.78126 502371.98 3633925.90 0.81929
502421.98 3633925.90 0.86212 502471.98 3633925.90 0.90708

3633975.90 1.93436
504871.98 3633975.90 1.75847 504921.98
3633975.90 1.56851
504971.98 3633975.90 1.38821 505021.98
3633975.90 1.27061
505071.98 3633975.90 1.17456 505121.98
3633975.90 1.10995
505171.98 3633975.90 1.04375 505221.98
3633975.90 0.97746
502221.98 3634025.90 0.72768 502271.98
3634025.90 0.76118
502321.98 3634025.90 0.79910 502371.98
3634025.90 0.84065
502421.98 3634025.90 0.88515 502471.98
3634025.90 0.93338
502521.98 3634025.90 0.98593 502571.98
3634025.90 1.04335
502621.98 3634025.90 1.10644 502671.98
3634025.90 1.17511
504771.98 3634025.90 2.11216 504821.98
3634025.90 1.94449
504871.98 3634025.90 1.71646 504921.98
3634025.90 1.51374
504971.98 3634025.90 1.32533 505021.98
3634025.90 1.20224
505071.98 3634025.90 1.10572 505121.98
3634025.90 1.04832
505171.98 3634025.90 0.99408 505221.98
3634025.90 0.93133
502221.98 3634075.90 0.73323 502271.98
3634075.90 0.76817
502321.98 3634075.90 0.80673 502371.98
3634075.90 0.84842
502421.98 3634075.90 0.89346 502471.98
3634075.90 0.94299
502521.98 3634075.90 0.99744 502571.98
3634075.90 1.05753
502621.98 3634075.90 1.12226 502671.98
3634075.90 1.19401
504771.98 3634075.90 2.06452 504821.98
3634075.90 1.84529
504871.98 3634075.90 1.58510 504921.98
3634075.90 1.39442
504971.98 3634075.90 1.23459 505021.98
3634075.90 1.11929
505071.98 3634075.90 1.03824 505121.98
3634075.90 0.99068
505171.98 3634075.90 0.95556 505221.98
3634075.90 0.90726
502221.98 3634125.90 0.73740 502271.98

3634125.90        0.77440
         502321.98    3634125.90        0.81331                        502371.98
3634125.90        0.85637
         502421.98    3634125.90        0.90241                        502471.98
3634125.90        0.95262
         502521.98    3634125.90        1.00741                        502571.98
3634125.90        1.06760
         502621.98    3634125.90        1.13578                        502671.98
3634125.90        1.21029
         504771.98    3634125.90        1.84380                        504821.98
3634125.90        1.64745
         504871.98    3634125.90        1.46149                        504921.98
3634125.90        1.27575
         504971.98    3634125.90        1.16470                        505021.98
3634125.90        1.06929
         505071.98    3634125.90        1.01156                        505121.98
3634125.90        0.98044
         505171.98    3634125.90        0.94727                        505221.98
3634125.90        0.90710
         502221.98    3634175.90        0.73972                        502271.98
3634175.90        0.77699
         502321.98    3634175.90        0.81636                        502371.98
3634175.90        0.86370
         502421.98    3634175.90        0.91056                        502471.98
3634175.90        0.96156
         502521.98    3634175.90        1.01690                        502571.98
3634175.90        1.07814

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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```
         505071.98    3634275.90        1.00982                       505121.98
3634275.90        0.98019
         505171.98    3634275.90        0.90285                       505221.98
3634275.90        0.90071
         502221.98    3634325.90        0.74950                       502271.98
3634325.90        0.78745
         502321.98    3634325.90        0.82820                       502371.98
3634325.90        0.87251
         502421.98    3634325.90        0.92057                       502471.98
3634325.90        0.97265
         502521.98    3634325.90        1.03000                       502571.98
3634325.90        1.09284
         502621.98    3634325.90        1.16205                       502671.98
3634325.90        1.23933
         504771.98    3634325.90        1.57978                       504821.98
3634325.90        1.47110
         504871.98    3634325.90        1.37210                       504921.98
3634325.90        1.30461
         504971.98    3634325.90        1.24357                       505021.98
3634325.90        1.11314
         505071.98    3634325.90        1.03850                       505121.98
3634325.90        1.02157
         505171.98    3634325.90        0.94020                       505221.98
3634325.90        0.90504
         502221.98    3634375.90        0.75213                       502271.98
3634375.90        0.79015
         502321.98    3634375.90        0.82979                       502371.98
3634375.90        0.87305
         502421.98    3634375.90        0.92267                       502471.98
3634375.90        0.97673
         502521.98    3634375.90        1.03645                       502571.98
3634375.90        1.10000
```



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                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 1.16755 | 502671.98 | 3634375.90 | 1.24018 |
| 504771.98 | 3634375.90 | 1.67039 | 504821.98 | 3634375.90 | 1.58694 |
| 504871.98 | 3634375.90 | 1.47976 | 504921.98 | 3634375.90 | 1.40764 |
| 504971.98 | 3634375.90 | 1.30716 | 505021.98 | 3634375.90 | 1.16419 |
| 505071.98 | 3634375.90 | 1.09310 | 505121.98 | 3634375.90 | 1.08229 |
| 505171.98 | 3634375.90 | 1.00013 | 505221.98 | 3634375.90 | 0.93629 |
| 502221.98 | 3634425.90 | 0.75447 | 502271.98 | 3634425.90 | 0.79264 |
| 502321.98 | 3634425.90 | 0.83348 | 502371.98 | 3634425.90 | 0.87781 |
| 502421.98 | 3634425.90 | 0.92631 | 502471.98 | 3634425.90 | 0.97867 |
| 502521.98 | 3634425.90 | 1.03664 | 502571.98 | 3634425.90 | 1.09990 |
| 502621.98 | 3634425.90 | 1.16971 | 502671.98 | 3634425.90 | 1.24657 |
| 504771.98 | 3634425.90 | 1.73501 | 504821.98 | 3634425.90 | 1.63998 |
| 504871.98 | 3634425.90 | 1.59860 | 504921.98 | 3634425.90 | 1.55457 |
| 504971.98 | 3634425.90 | 1.37550 | 505021.98 | 3634425.90 | 1.26481 |
| 505071.98 | 3634425.90 | 1.21269 | 505121.98 | 3634425.90 | 1.15432 |
| 505171.98 | 3634425.90 | 1.06140 | 505221.98 | 3634425.90 | 0.98272 |
| 502221.98 | 3634475.90 | 0.75376 | 502271.98 | 3634475.90 | 0.79158 |
| 502321.98 | 3634475.90 | 0.83237 | 502371.98 | 3634475.90 | 0.87660 |
| 502421.98 | 3634475.90 | 0.92467 | 502471.98 | 3634475.90 | 0.97687 |
| 502521.98 | 3634475.90 | 1.03453 | 502571.98 | 3634475.90 | 1.09745 |
| 502621.98 | 3634475.90 | 1.16664 | 502671.98 | 3634475.90 | 1.24311 |
| 504771.98 | 3634475.90 | 1.76995 | 504821.98 | | |

3634475.90        1.64366
         504871.98    3634475.90        1.61220                        504921.98
3634475.90        1.69098
         504971.98    3634475.90        1.52598                        505021.98
3634475.90        1.41164
         505071.98    3634475.90        1.33745                        505121.98
3634475.90        1.23293
         505171.98    3634475.90        1.12543                        505221.98
3634475.90        1.03502
         502221.98    3634525.90        0.75200                        502271.98
3634525.90        0.78928
         502321.98    3634525.90        0.82969                        502371.98
3634525.90        0.87360
         502421.98    3634525.90        0.92114                        502471.98
3634525.90        0.97304
         502521.98    3634525.90        1.02964                        502571.98
3634525.90        1.09197
         502621.98    3634525.90        1.16040                        502671.98
3634525.90        1.23669
         504771.98    3634525.90        1.82547                        504821.98
3634525.90        1.66918
         504871.98    3634525.90        1.64816                        504921.98
3634525.90        1.78309
         504971.98    3634525.90        1.74849                        505021.98
3634525.90        1.59155
         505071.98    3634525.90        1.45685                        505121.98
3634525.90        1.30238
         505171.98    3634525.90        1.16451                        505221.98
3634525.90        1.05233
         502221.98    3634575.90        0.74960                        502271.98
3634575.90        0.78577
         502321.98    3634575.90        0.82548                        502371.98
3634575.90        0.86872
         502421.98    3634575.90        0.91572                        502471.98
3634575.90        0.96694
         502521.98    3634575.90        1.02265                        502571.98
3634575.90        1.08374

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 1.15089 | 502671.98 | 3634575.90 | 1.22536 |
| 504771.98 | 3634575.90 | 2.01425 | 504821.98 | 3634575.90 | 1.82642 |
| 504871.98 | 3634575.90 | 1.85870 | 504921.98 | 3634575.90 | 1.96904 |
| 504971.98 | 3634575.90 | 1.82381 | 505021.98 | 3634575.90 | 1.61158 |
| 505071.98 | 3634575.90 | 1.45232 | 505121.98 | 3634575.90 | 1.31268 |
| 505171.98 | 3634575.90 | 1.11953 | 505221.98 | 3634575.90 | 1.02390 |
| 502221.98 | 3634625.90 | 0.74542 | 502271.98 | 3634625.90 | 0.78161 |
| 502321.98 | 3634625.90 | 0.81982 | 502371.98 | 3634625.90 | 0.86219 |
| 502421.98 | 3634625.90 | 0.90816 | 502471.98 | 3634625.90 | 0.95829 |
| 502521.98 | 3634625.90 | 1.01357 | 502571.98 | 3634625.90 | 1.07314 |
| 502621.98 | 3634625.90 | 1.13856 | 502671.98 | 3634625.90 | 1.21023 |
| 504771.98 | 3634625.90 | 2.35958 | 504821.98 | 3634625.90 | 2.29791 |
| 504871.98 | 3634625.90 | 2.13252 | 504921.98 | 3634625.90 | 1.97033 |
| 504971.98 | 3634625.90 | 1.76558 | 505021.98 | 3634625.90 | 1.56139 |
| 505071.98 | 3634625.90 | 1.37905 | 505121.98 | 3634625.90 | 1.25618 |
| 505171.98 | 3634625.90 | 1.06086 | 505221.98 | 3634625.90 | 0.97176 |
| 502221.98 | 3634675.90 | 0.73949 | 502271.98 | 3634675.90 | 0.77562 |
| 502321.98 | 3634675.90 | 0.81416 | 502371.98 | 3634675.90 | 0.85544 |
| 502421.98 | 3634675.90 | 0.90042 | 502471.98 | 3634675.90 | 0.94917 |

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         502521.98    3634675.90        1.00213                        502571.98
3634675.90        1.06008
         502621.98    3634675.90        1.12332                        502671.98
3634675.90        1.19218
         504771.98    3634675.90        2.45412                        504821.98
3634675.90        2.26577
         504871.98    3634675.90        2.03230                        504921.98
3634675.90        1.88849
         504971.98    3634675.90        1.73542                        505021.98
3634675.90        1.49765
         505071.98    3634675.90        1.27801                        505121.98
3634675.90        1.17846
         505171.98    3634675.90        1.02952                        505221.98
3634675.90        0.93731
         502221.98    3634725.90        0.73264                        502271.98
3634725.90        0.76771
         502321.98    3634725.90        0.80460                        502371.98
3634725.90        0.84494
         502421.98    3634725.90        0.88924                        502471.98
3634725.90        0.93666
         502521.98    3634725.90        0.98771                        502571.98
3634725.90        1.04381
         502621.98    3634725.90        1.10460                        502671.98
3634725.90        1.17134
         504771.98    3634725.90        2.33017                        504821.98
3634725.90        2.16106
         504871.98    3634725.90        1.99222                        504921.98
3634725.90        1.80265
         504971.98    3634725.90        1.60323                        505021.98
3634725.90        1.33792
         505071.98    3634725.90        1.18083                        505121.98
3634725.90        1.08033
         505171.98    3634725.90        0.94688                        505221.98
3634725.90        0.88766
         502221.98    3634775.90        0.72529                        502271.98
3634775.90        0.75939
         502321.98    3634775.90        0.79465                        502371.98
3634775.90        0.83345
         502421.98    3634775.90        0.87545                        502471.98
3634775.90        0.92125
         502521.98    3634775.90        0.97180                        502571.98
3634775.90        1.02529
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 1.08365 | 502671.98 | 3634775.90 | 1.14744 |
| 504771.98 | 3634775.90 | 2.24005 | 504821.98 | 3634775.90 | 2.05916 |
| 504871.98 | 3634775.90 | 1.90591 | 504921.98 | 3634775.90 | 1.69237 |
| 504971.98 | 3634775.90 | 1.38996 | 505021.98 | 3634775.90 | 1.17638 |
| 505071.98 | 3634775.90 | 1.09384 | 505121.98 | 3634775.90 | 1.01563 |
| 505171.98 | 3634775.90 | 0.88692 | 505221.98 | 3634775.90 | 0.82185 |
| 502221.98 | 3634825.90 | 0.71650 | 502271.98 | 3634825.90 | 0.74940 |
| 502321.98 | 3634825.90 | 0.78434 | 502371.98 | 3634825.90 | 0.82203 |
| 502421.98 | 3634825.90 | 0.86218 | 502471.98 | 3634825.90 | 0.90523 |
| 502521.98 | 3634825.90 | 0.95400 | 502571.98 | 3634825.90 | 1.00556 |
| 502621.98 | 3634825.90 | 1.06122 | 502671.98 | 3634825.90 | 1.12162 |
| 504771.98 | 3634825.90 | 2.13583 | 504821.98 | 3634825.90 | 1.96360 |
| 504871.98 | 3634825.90 | 1.79663 | 504921.98 | 3634825.90 | 1.53678 |
| 504971.98 | 3634825.90 | 1.19682 | 505021.98 | 3634825.90 | 1.01208 |
| 505071.98 | 3634825.90 | 0.96618 | 505121.98 | 3634825.90 | 0.91999 |
| 505171.98 | 3634825.90 | 0.82718 | 505221.98 | 3634825.90 | 0.77164 |
| 502221.98 | 3634875.90 | 0.70687 | 502271.98 | | |

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3634875.90        0.73823
         502321.98    3634875.90        0.77207                        502371.98
3634875.90        0.80856
         502421.98    3634875.90        0.84766                        502471.98
3634875.90        0.88970
         502521.98    3634875.90        0.93503                        502571.98
3634875.90        0.98406
         502621.98    3634875.90        1.03714                        502671.98
3634875.90        1.09469
         504771.98    3634875.90        2.03223                        504821.98
3634875.90        1.87105
         504871.98    3634875.90        1.73064                        504921.98
3634875.90        1.43209
         504971.98    3634875.90        1.11711                        505021.98
3634875.90        0.94664
         505071.98    3634875.90        0.85766                        505121.98
3634875.90        0.83303
         505171.98    3634875.90        0.77869                        505221.98
3634875.90        0.74304
         502221.98    3634925.90        0.69601                        502271.98
3634925.90        0.72641
         502321.98    3634925.90        0.75910                        502371.98
3634925.90        0.79406
         502421.98    3634925.90        0.83160                        502471.98
3634925.90        0.87164
         502521.98    3634925.90        0.91506                        502571.98
3634925.90        0.96172
         502621.98    3634925.90        1.01197                        502671.98
3634925.90        1.06663
         504771.98    3634925.90        1.93193                        504821.98
3634925.90        1.78770
         504871.98    3634925.90        1.67273                        504921.98
3634925.90        1.42668
         504971.98    3634925.90        1.12400                        505021.98
3634925.90        0.91930
         505071.98    3634925.90        0.82030                        505121.98
3634925.90        0.79227
         505171.98    3634925.90        0.75047                        505221.98
3634925.90        0.72320
         502221.98    3634975.90        0.68455                        502271.98
3634975.90        0.71402
         502321.98    3634975.90        0.74525                        502371.98
3634975.90        0.77881
         502421.98    3634975.90        0.81470                        502471.98
3634975.90        0.85304
         502521.98    3634975.90        0.89440                        502571.98
3634975.90        0.93866
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 0.98639 | 502671.98 | 3634975.90 | 1.03794 |
| 504821.98 | 3634975.90 | 1.70745 | 504871.98 | 3634975.90 | 1.60976 |
| 504921.98 | 3634975.90 | 1.46532 | 504971.98 | 3634975.90 | 1.11634 |
| 505021.98 | 3634975.90 | 0.92668 | 505071.98 | 3634975.90 | 0.82560 |
| 505121.98 | 3634975.90 | 0.81784 | 505171.98 | 3634975.90 | 0.77651 |
| 505221.98 | 3634975.90 | 0.73177 | 502221.98 | 3635025.90 | 0.67260 |
| 502271.98 | 3635025.90 | 0.70100 | 502321.98 | 3635025.90 | 0.73106 |
| 502371.98 | 3635025.90 | 0.76310 | 502421.98 | 3635025.90 | 0.79749 |
| 502471.98 | 3635025.90 | 0.83414 | 502521.98 | 3635025.90 | 0.87347 |
| 502571.98 | 3635025.90 | 0.91553 | 502621.98 | 3635025.90 | 0.96077 |
| 502671.98 | 3635025.90 | 1.00935 | 504871.98 | 3635025.90 | 1.54443 |
| 504921.98 | 3635025.90 | 1.42677 | 504971.98 | 3635025.90 | 1.16193 |
| 505021.98 | 3635025.90 | 0.93970 | 505071.98 | 3635025.90 | 0.85739 |
| 505121.98 | 3635025.90 | 0.86342 | 505171.98 | 3635025.90 | 0.82767 |

505221.98 3635025.90 0.76765 502221.98
3635075.90 0.66038
502271.98 3635075.90 0.68752 502321.98
3635075.90 0.71641
502371.98 3635075.90 0.74716 502421.98
3635075.90 0.77988
502471.98 3635075.90 0.81482 502521.98
3635075.90 0.85222
502571.98 3635075.90 0.89226 502621.98
3635075.90 0.93509
502671.98 3635075.90 0.98116 504921.98
3635075.90 1.40113
504971.98 3635075.90 1.27856 505021.98
3635075.90 1.00919
505071.98 3635075.90 0.94662 505121.98
3635075.90 0.94275
505171.98 3635075.90 0.94191 505221.98
3635075.90 0.86774
502221.98 3635125.90 0.64769 502271.98
3635125.90 0.67385
502321.98 3635125.90 0.70140 502371.98
3635125.90 0.73076
502421.98 3635125.90 0.76199 502471.98
3635125.90 0.79524
502521.98 3635125.90 0.83088 502571.98
3635125.90 0.86898
502621.98 3635125.90 0.90971 502671.98
3635125.90 0.95333
505021.98 3635125.90 1.17899 505071.98
3635125.90 1.08821
505121.98 3635125.90 1.06615 505171.98
3635125.90 1.03314
505221.98 3635125.90 0.92777 502221.98
3635175.90 0.63481
502271.98 3635175.90 0.65996 502321.98
3635175.90 0.68626
502371.98 3635175.90 0.71427 502421.98
3635175.90 0.74407
502471.98 3635175.90 0.77578 502521.98
3635175.90 0.80962
502571.98 3635175.90 0.84588 502621.98
3635175.90 0.88462
502671.98 3635175.90 0.92584 505121.98
3635175.90 1.05728
505171.98 3635175.90 1.00900 505221.98
3635175.90 0.96285
502221.98 3635225.90 0.62192 502271.98
3635225.90 0.64592
502321.98 3635225.90 0.67122 502371.98
3635225.90 0.69802

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3635225.90        0.78900                      502571.98
3635225.90        0.82337
         502621.98    3635225.90        0.85990                      502671.98
3635225.90        0.89885
         502221.98    3635275.90        0.60885                      502271.98
3635275.90        0.63207
         502321.98    3635275.90        0.65614                      502371.98
3635275.90        0.68176
         502421.98    3635275.90        0.70899                      502471.98
3635275.90        0.73783
         502521.98    3635275.90        0.76827                      502571.98
3635275.90        0.80105
         502621.98    3635275.90        0.83560                      502671.98
3635275.90        0.87216
         502221.98    3635325.90        0.60704                      502271.98
3635325.90        0.61831
         502321.98    3635325.90        0.64140                      502371.98
3635325.90        0.66582
         502421.98    3635325.90        0.69645                      502471.98
3635325.90        0.72258
         502521.98    3635325.90        0.74824                      502571.98
3635325.90        0.77919
         502621.98    3635325.90        0.81169                      502671.98

3635325.90 0.84593
502221.98 3635375.90 0.59312 502271.98 3635375.90 0.60479
502321.98 3635375.90 0.62690 502371.98 3635375.90 0.65673
502421.98 3635375.90 0.67869 502471.98 3635375.90 0.70112
502521.98 3635375.90 0.72844 502571.98 3635375.90 0.75770
502621.98 3635375.90 0.78821 502671.98 3635375.90 0.82031
502221.98 3635425.90 0.58270 502271.98 3635425.90 0.59155
502321.98 3635425.90 0.61657 502371.98 3635425.90 0.63674
502421.98 3635425.90 0.65716 502471.98 3635425.90 0.67813
502521.98 3635425.90 0.70113 502571.98 3635425.90 0.72645
502621.98 3635425.90 0.75350 502671.98 3635425.90 0.78753
504771.98 3635425.90 1.15273 502221.98 3635475.90 0.56584
502271.98 3635475.90 0.58185 502321.98 3635475.90 0.59928
502371.98 3635475.90 0.61745 502421.98 3635475.90 0.63636
502471.98 3635475.90 0.65510 502521.98 3635475.90 0.67883
502571.98 3635475.90 0.70327 502621.98 3635475.90 0.72945
502671.98 3635475.90 0.75415 504771.98 3635475.90 1.13465
504821.98 3635475.90 1.08043 504871.98 3635475.90 1.06169
504921.98 3635475.90 1.02227 502221.98 3635525.90 0.55022
502271.98 3635525.90 0.56505 502321.98 3635525.90 0.58132
502371.98 3635525.90 0.59874 502421.98 3635525.90 0.61673
502471.98 3635525.90 0.63549 502521.98 3635525.90 0.65769
502571.98 3635525.90 0.68031 502621.98 3635525.90 0.70330
502671.98 3635525.90 0.72643 502721.98 3635525.90 0.75143
502771.98 3635525.90 0.77915 502821.98 3635525.90 0.80818
502871.98 3635525.90 0.83944 502921.98

3635525.90        0.87048
         502971.98    3635525.90        0.90262                      503021.98
3635525.90        0.93561
         503071.98    3635525.90        0.97164                      503121.98
3635525.90        1.01557
         503171.98    3635525.90        1.04722                      503221.98
3635525.90        1.06452

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635525.90        1.09224                      503321.98
3635525.90        1.12151
         503371.98    3635525.90        1.15126                      503421.98
3635525.90        1.18104
         503471.98    3635525.90        1.21726                      503521.98
3635525.90        1.25315
         503571.98    3635525.90        1.27465                      503621.98
3635525.90        1.29190
         503671.98    3635525.90        1.31385                      503721.98
3635525.90        1.33496
         503771.98    3635525.90        1.35596                      503821.98
3635525.90        1.37265
         503871.98    3635525.90        1.37453                      503921.98
3635525.90        1.38860
         503971.98    3635525.90        1.40188                      504021.98
3635525.90        1.38854
         504071.98    3635525.90        1.37525                      504121.98
3635525.90        1.36647

504171.98 3635525.90 1.35422 504221.98 3635525.90 1.33998
504271.98 3635525.90 1.32156 504321.98 3635525.90 1.30108
504371.98 3635525.90 1.27828 504421.98 3635525.90 1.25312
504471.98 3635525.90 1.22623 504521.98 3635525.90 1.19755
504571.98 3635525.90 1.16711 504621.98 3635525.90 1.13635
504671.98 3635525.90 1.10513 504721.98 3635525.90 1.12091
504771.98 3635525.90 1.08460 504821.98 3635525.90 1.05443
504871.98 3635525.90 1.02334 504921.98 3635525.90 0.97769
504971.98 3635525.90 0.95147 505021.98 3635525.90 0.93008
505071.98 3635525.90 0.89341 505121.98 3635525.90 0.85495
505171.98 3635525.90 0.81710 505221.98 3635525.90 0.78087
502221.98 3635575.90 0.52974 502271.98 3635575.90 0.54831
502321.98 3635575.90 0.56419 502371.98 3635575.90 0.58049
502421.98 3635575.90 0.59756 502471.98 3635575.90 0.61676
502521.98 3635575.90 0.63823 502571.98 3635575.90 0.65965
502621.98 3635575.90 0.68075 502671.98 3635575.90 0.70204
502721.98 3635575.90 0.72537 502771.98 3635575.90 0.75229
502821.98 3635575.90 0.77933 502871.98 3635575.90 0.80719
502921.98 3635575.90 0.83596 502971.98 3635575.90 0.86421
503021.98 3635575.90 0.89346 503071.98 3635575.90 0.92657
503121.98 3635575.90 0.96819 503171.98 3635575.90 0.99646
503221.98 3635575.90 1.00770 503271.98 3635575.90 1.03695
503321.98 3635575.90 1.06612 503371.98 3635575.90 1.09634
503421.98 3635575.90 1.12576 503471.98 3635575.90 1.16179
503521.98 3635575.90 1.19594 503571.98 3635575.90 1.21716

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504221.98    3635575.90        1.25386                       504271.98
3635575.90        1.23899
         504321.98    3635575.90        1.22106                       504371.98
3635575.90        1.20101
         504421.98    3635575.90        1.17904                       504471.98
3635575.90        1.15572
         504521.98    3635575.90        1.13038                       504571.98
3635575.90        1.10426
         504621.98    3635575.90        1.07653                       504671.98
3635575.90        1.04886
         504721.98    3635575.90        1.02076                       504771.98
3635575.90        1.03326
         504821.98    3635575.90        1.00890                       504871.98

3635575.90 0.97500
504921.98 3635575.90 0.91135 504971.98
3635575.90 0.91539
505021.98 3635575.90 0.89444 505071.98
3635575.90 0.86608
505121.98 3635575.90 0.85118 505171.98
3635575.90 0.79716
505221.98 3635575.90 0.77287 502221.98
3635625.90 0.50761
502271.98 3635625.90 0.52922 502321.98
3635625.90 0.54602
502371.98 3635625.90 0.56344 502421.98
3635625.90 0.57582
502471.98 3635625.90 0.59278 502521.98
3635625.90 0.61195
502571.98 3635625.90 0.63774 502621.98
3635625.90 0.66051
502671.98 3635625.90 0.67958 502721.98
3635625.90 0.70020
502771.98 3635625.90 0.72352 502821.98
3635625.90 0.74715
502871.98 3635625.90 0.77186 502921.98
3635625.90 0.79756
502971.98 3635625.90 0.82391 503021.98
3635625.90 0.85069
503071.98 3635625.90 0.87807 503121.98
3635625.90 0.90543
503171.98 3635625.90 0.93310 503221.98
3635625.90 0.96186
503271.98 3635625.90 0.99018 503321.98
3635625.90 1.01801
503371.98 3635625.90 1.04336 503421.98
3635625.90 1.07092
503471.98 3635625.90 1.10576 503521.98
3635625.90 1.13713
503571.98 3635625.90 1.16147 503621.98
3635625.90 1.17034
503671.98 3635625.90 1.18367 503721.98
3635625.90 1.19471
503771.98 3635625.90 1.20498 503821.98
3635625.90 1.21004
503871.98 3635625.90 1.20444 503921.98
3635625.90 1.21389
503971.98 3635625.90 1.22083 504021.98
3635625.90 1.20780
504071.98 3635625.90 1.20380 504121.98
3635625.90 1.19702
504171.98 3635625.90 1.18792 504221.98
3635625.90 1.17645
504271.98 3635625.90 1.16320 504321.98

3635625.90        1.14844
         504371.98    3635625.90        1.13101                        504421.98
3635625.90        1.11159
         504471.98    3635625.90        1.09101                        504521.98
3635625.90        1.06885
         504571.98    3635625.90        1.04584                        504621.98
3635625.90        1.02153
         504671.98    3635625.90        0.99687                        504721.98
3635625.90        0.97159
         504771.98    3635625.90        0.98667                        504821.98
3635625.90        0.96328
         504871.98    3635625.90        0.93189                        504921.98
3635625.90        0.87070
         504971.98    3635625.90        0.88130                        505021.98
3635625.90        0.82298
         505071.98    3635625.90        0.79808                        505121.98
3635625.90        0.80960

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505171.98    3635625.90        0.77575                        505221.98
3635625.90        0.74439
         502221.98    3635675.90        0.48626                        502271.98
3635675.90        0.50808
         502321.98    3635675.90        0.52385                        502371.98
3635675.90        0.54157
         502421.98    3635675.90        0.55625                        502471.98
3635675.90        0.57405

```
         502521.98    3635675.90        0.59306                    502571.98
3635675.90        0.61526
         502621.98    3635675.90        0.63708                    502671.98
3635675.90        0.65760
         502721.98    3635675.90        0.67585                    502771.98
3635675.90        0.69291
         502821.98    3635675.90        0.71552                    502871.98
3635675.90        0.73861
         502921.98    3635675.90        0.75673                    502971.98
3635675.90        0.78571
         503021.98    3635675.90        0.80958                    503071.98
3635675.90        0.83678
         503121.98    3635675.90        0.86263                    503171.98
3635675.90        0.88875
         503221.98    3635675.90        0.91776                    503271.98
3635675.90        0.94490
         503321.98    3635675.90        0.97089                    503371.98
3635675.90        0.99676
         503421.98    3635675.90        1.02246                    503471.98
3635675.90        1.04978
         503521.98    3635675.90        1.07835                    503571.98
3635675.90        1.10403
         503621.98    3635675.90        1.11694                    503671.98
3635675.90        1.12378
         503721.98    3635675.90        1.14007                    503771.98
3635675.90        1.15074
         503821.98    3635675.90        1.14788                    503871.98
3635675.90        1.14065
         503921.98    3635675.90        1.15222                    503971.98
3635675.90        1.15129
         504021.98    3635675.90        1.13586                    504071.98
3635675.90        1.13018
         504121.98    3635675.90        1.12460                    504171.98
3635675.90        1.11674
         504221.98    3635675.90        1.10685                    504271.98
3635675.90        1.09506
         504321.98    3635675.90        1.08182                    504371.98
3635675.90        1.06702
         504421.98    3635675.90        1.05025                    504471.98
3635675.90        1.03165
         504521.98    3635675.90        1.01183                    504571.98
3635675.90        0.99169
         504621.98    3635675.90        0.96988                    504671.98
3635675.90        0.94816
         504721.98    3635675.90        0.92578                    504771.98
3635675.90        0.96355
         504821.98    3635675.90        0.92092                    504871.98
3635675.90        0.89202
         504921.98    3635675.90        0.83456                    504971.98
3635675.90        0.84725
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 0.79871 | 503121.98 | 3635725.90 | 0.82039 |
| 503171.98 | 3635725.90 | 0.84482 | 503221.98 | | |

3635725.90 0.87526
503271.98 3635725.90 0.89986 503321.98
3635725.90 0.92272
503371.98 3635725.90 0.94611 503421.98
3635725.90 0.97283
503471.98 3635725.90 0.99819 503521.98
3635725.90 1.02502
503571.98 3635725.90 1.04643 503621.98
3635725.90 1.06557
503671.98 3635725.90 1.06817 503721.98
3635725.90 1.08495
503771.98 3635725.90 1.09332 503821.98
3635725.90 1.08807
503871.98 3635725.90 1.08147 503921.98
3635725.90 1.08866
503971.98 3635725.90 1.09111 504021.98
3635725.90 1.07528
504071.98 3635725.90 1.07540 504121.98
3635725.90 1.05871
504171.98 3635725.90 1.05187 504221.98
3635725.90 1.08026
504271.98 3635725.90 1.07600 504321.98
3635725.90 1.02131
504371.98 3635725.90 1.00809 504421.98
3635725.90 0.99357
504471.98 3635725.90 0.97709 504521.98
3635725.90 0.97129
504571.98 3635725.90 0.94155 504621.98
3635725.90 0.92231
504671.98 3635725.90 0.91235 504721.98
3635725.90 0.88275
504771.98 3635725.90 0.86236 504821.98
3635725.90 0.85172
504871.98 3635725.90 0.82099 504921.98
3635725.90 0.80034
504971.98 3635725.90 0.81426 505021.98
3635725.90 0.79716
505071.98 3635725.90 0.76601 505121.98
3635725.90 0.75765
505171.98 3635725.90 0.73510 505221.98
3635725.90 0.70891
502221.98 3635775.90 0.45269 502271.98
3635775.90 0.47707
502321.98 3635775.90 0.49348 502371.98
3635775.90 0.51173
502421.98 3635775.90 0.52511 502471.98
3635775.90 0.54089
502521.98 3635775.90 0.55682 502571.98
3635775.90 0.57531
502621.98 3635775.90 0.59361 502671.98

3635775.90        0.61153
         502721.98    3635775.90        0.63218                        502771.98
3635775.90        0.65088
         502821.98    3635775.90        0.66878                        502871.98
3635775.90        0.68719
         502921.98    3635775.90        0.70078                        502971.98
3635775.90        0.72377
         503021.98    3635775.90        0.73960                        503071.98
3635775.90        0.76265
         503121.98    3635775.90        0.78382                        503171.98
3635775.90        0.80883
         503221.98    3635775.90        0.80453                        503271.98
3635775.90        0.81111
         503321.98    3635775.90        0.84509                        503371.98
3635775.90        0.89083
         503421.98    3635775.90        0.92310                        503471.98
3635775.90        0.94875
         503521.98    3635775.90        0.96961                        503571.98
3635775.90        1.00066
         503621.98    3635775.90        1.02213                        503671.98
3635775.90        1.02614
         503721.98    3635775.90        1.02626                        503771.98
3635775.90        1.03761
         503821.98    3635775.90        1.03891                        503871.98
3635775.90        1.04424
         503921.98    3635775.90        1.05983                        503971.98
3635775.90        1.05236

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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         503371.98    3635825.90        0.84738                       503421.98
3635825.90        0.87502
         503471.98    3635825.90        0.90172                       503521.98
3635825.90        0.89076
         503571.98    3635825.90        0.92732                       503621.98
3635825.90        0.97054
         503671.98    3635825.90        0.98843                       503721.98
3635825.90        0.98864
         503771.98    3635825.90        0.98723                       503821.98
3635825.90        0.99418
         503871.98    3635825.90        0.99794                       503921.98
3635825.90        1.00507
         503971.98    3635825.90        1.00979                       504021.98
3635825.90        0.98018
         504071.98    3635825.90        1.00929                       504121.98
3635825.90        1.01644
         504171.98    3635825.90        1.00039                       504221.98
3635825.90        1.00333
         504271.98    3635825.90        1.01819                       504321.98
3635825.90        0.99332
         504371.98    3635825.90        0.96321                       504421.98
3635825.90        0.94427
         504471.98    3635825.90        0.93992                       504521.98
3635825.90        0.93695
         504571.98    3635825.90        0.90726                       504621.98
3635825.90        0.89230
         504671.98    3635825.90        0.83610                       504721.98
3635825.90        0.80512
         504771.98    3635825.90        0.78841                       504821.98
3635825.90        0.77470
         504871.98    3635825.90        0.77404                       504921.98
3635825.90        0.74853
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 0.75090 | 505021.98 | 3635825.90 | 0.73470 |
| 505071.98 | 3635825.90 | 0.71971 | 505121.98 | 3635825.90 | 0.70068 |
| 505171.98 | 3635825.90 | 0.68733 | 505221.98 | 3635825.90 | 0.67093 |
| 502221.98 | 3635875.90 | 0.42827 | 502271.98 | 3635875.90 | 0.45204 |
| 502321.98 | 3635875.90 | 0.46897 | 502371.98 | 3635875.90 | 0.48446 |
| 502421.98 | 3635875.90 | 0.49649 | 502471.98 | 3635875.90 | 0.51083 |
| 502521.98 | 3635875.90 | 0.52408 | 502571.98 | 3635875.90 | 0.54085 |
| 502621.98 | 3635875.90 | 0.55540 | 502671.98 | 3635875.90 | 0.57236 |
| 502721.98 | 3635875.90 | 0.59055 | 502771.98 | 3635875.90 | 0.60885 |
| 502821.98 | 3635875.90 | 0.62522 | 502871.98 | 3635875.90 | 0.64221 |
| 502921.98 | 3635875.90 | 0.65212 | 502971.98 | 3635875.90 | 0.67217 |
| 503021.98 | 3635875.90 | 0.67668 | 503071.98 | 3635875.90 | 0.69036 |
| 503121.98 | 3635875.90 | 0.70978 | 503171.98 | 3635875.90 | 0.73350 |
| 503221.98 | 3635875.90 | 0.74289 | 503271.98 | 3635875.90 | 0.74781 |
| 503321.98 | 3635875.90 | 0.78462 | 503371.98 | 3635875.90 | 0.80514 |
| 503421.98 | 3635875.90 | 0.83250 | 503471.98 | 3635875.90 | 0.85188 |
| 503521.98 | 3635875.90 | 0.80158 | 503571.98 | 3635875.90 | 0.87957 |
| 503621.98 | 3635875.90 | 0.92620 | 503671.98 | 3635875.90 | 0.93942 |
| 503721.98 | 3635875.90 | 0.94161 | 503771.98 | 3635875.90 | 0.94381 |
| 503821.98 | 3635875.90 | 0.95220 | 503871.98 | 3635875.90 | 0.96429 |
| 503921.98 | 3635875.90 | 0.96233 | 503971.98 | 3635875.90 | 0.96156 |
| 504021.98 | 3635875.90 | 0.94692 | 504071.98 | | |

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3635875.90        0.97038
         504121.98    3635875.90        0.97661                          504171.98
3635875.90        0.97561
         504221.98    3635875.90        0.99023                          504271.98
3635875.90        0.99689
         504321.98    3635875.90        0.97638                          504371.98
3635875.90        0.95633
         504421.98    3635875.90        0.94380                          504471.98
3635875.90        0.91291
         504521.98    3635875.90        0.89651                          504571.98
3635875.90        0.87944
         504621.98    3635875.90        0.86164                          504671.98
3635875.90        0.83936
         504721.98    3635875.90        0.77002                          504771.98
3635875.90        0.75486
         504821.98    3635875.90        0.75028                          504871.98
3635875.90        0.73687
         504921.98    3635875.90        0.72617                          504971.98
3635875.90        0.72847
         505021.98    3635875.90        0.70658                          505071.98
3635875.90        0.68815
         505121.98    3635875.90        0.67630                          505171.98
3635875.90        0.66263
         505221.98    3635875.90        0.65037                          502221.98
3635925.90        0.41669
         502271.98    3635925.90        0.43968                          502321.98
3635925.90        0.45530
         502371.98    3635925.90        0.47175                          502421.98
3635925.90        0.48307
         502471.98    3635925.90        0.49648                          502521.98
3635925.90        0.50752
         502571.98    3635925.90        0.52290                          502621.98
3635925.90        0.53771
         502671.98    3635925.90        0.55398                          502721.98
3635925.90        0.57155
         502771.98    3635925.90        0.58942                          502821.98
3635925.90        0.60444
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                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 0.62116 | 502921.98 | 3635925.90 | 0.62978 |
| 502971.98 | 3635925.90 | 0.64604 | 503021.98 | 3635925.90 | 0.64978 |
| 503071.98 | 3635925.90 | 0.66054 | 503121.98 | 3635925.90 | 0.67851 |
| 503171.98 | 3635925.90 | 0.69626 | 503221.98 | 3635925.90 | 0.70817 |
| 503271.98 | 3635925.90 | 0.72552 | 503321.98 | 3635925.90 | 0.74916 |
| 503371.98 | 3635925.90 | 0.77127 | 503421.98 | 3635925.90 | 0.79253 |
| 503471.98 | 3635925.90 | 0.78556 | 503521.98 | 3635925.90 | 0.76784 |
| 503571.98 | 3635925.90 | 0.83136 | 503621.98 | 3635925.90 | 0.88561 |
| 503671.98 | 3635925.90 | 0.89633 | 503721.98 | 3635925.90 | 0.90346 |
| 503771.98 | 3635925.90 | 0.91098 | 503821.98 | 3635925.90 | 0.91455 |
| 503871.98 | 3635925.90 | 0.91309 | 503921.98 | 3635925.90 | 0.91444 |
| 503971.98 | 3635925.90 | 0.91749 | 504021.98 | 3635925.90 | 0.91253 |
| 504071.98 | 3635925.90 | 0.92311 | 504121.98 | 3635925.90 | 0.93658 |
| 504171.98 | 3635925.90 | 0.94919 | 504221.98 | 3635925.90 | 0.96479 |
| 504271.98 | 3635925.90 | 0.96135 | 504321.98 | 3635925.90 | 0.95068 |
| 504371.98 | 3635925.90 | 0.94725 | 504421.98 | 3635925.90 | 0.94073 |
| 504471.98 | 3635925.90 | 0.92050 | 504521.98 | 3635925.90 | 0.88981 |
| 504571.98 | 3635925.90 | 0.85691 | 504621.98 | 3635925.90 | 0.82309 |
| 504671.98 | 3635925.90 | 0.81235 | 504721.98 | 3635925.90 | 0.78993 |

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         504771.98    3635925.90        0.75750                      504821.98
3635925.90        0.70935
         504871.98    3635925.90        0.69824                      504921.98
3635925.90        0.68958
         504971.98    3635925.90        0.70522                      505021.98
3635925.90        0.69191
         505071.98    3635925.90        0.67607                      505121.98
3635925.90        0.65515
         505171.98    3635925.90        0.64013                      505221.98
3635925.90        0.63802
         502221.98    3635975.90        0.40267                      502271.98
3635975.90        0.42405
         502321.98    3635975.90        0.43967                      502371.98
3635975.90        0.45781
         502421.98    3635975.90        0.46878                      502471.98
3635975.90        0.48198
         502521.98    3635975.90        0.49292                      502571.98
3635975.90        0.50958
         502621.98    3635975.90        0.52343                      502671.98
3635975.90        0.53715
         502721.98    3635975.90        0.55349                      502771.98
3635975.90        0.56992
         502821.98    3635975.90        0.58450                      502871.98
3635975.90        0.60115
         502921.98    3635975.90        0.60932                      502971.98
3635975.90        0.62404
         503021.98    3635975.90        0.62609                      503071.98
3635975.90        0.63928
         503121.98    3635975.90        0.65139                      503171.98
3635975.90        0.66682
         503221.98    3635975.90        0.68096                      503271.98
3635975.90        0.70094
         503321.98    3635975.90        0.71945                      503371.98
3635975.90        0.74490
         503421.98    3635975.90        0.73784                      503471.98
3635975.90        0.73567
         503521.98    3635975.90        0.76652                      503571.98
3635975.90        0.82372
         503621.98    3635975.90        0.84608                      503671.98
3635975.90        0.85811
         503721.98    3635975.90        0.86673                      503771.98
3635975.90        0.87374
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 0.87589 | 503871.98 | 3635975.90 | 0.87145 |
| 503921.98 | 3635975.90 | 0.87164 | 503971.98 | 3635975.90 | 0.87382 |
| 504021.98 | 3635975.90 | 0.88042 | 504071.98 | 3635975.90 | 0.89319 |
| 504121.98 | 3635975.90 | 0.90739 | 504171.98 | 3635975.90 | 0.92113 |
| 504221.98 | 3635975.90 | 0.92929 | 504271.98 | 3635975.90 | 0.92758 |
| 504321.98 | 3635975.90 | 0.92848 | 504371.98 | 3635975.90 | 0.93191 |
| 504421.98 | 3635975.90 | 0.92759 | 504471.98 | 3635975.90 | 0.90967 |
| 504521.98 | 3635975.90 | 0.89537 | 504571.98 | 3635975.90 | 0.87421 |
| 504621.98 | 3635975.90 | 0.85855 | 504671.98 | 3635975.90 | 0.82180 |
| 504721.98 | 3635975.90 | 0.79611 | 504771.98 | 3635975.90 | 0.76430 |
| 504821.98 | 3635975.90 | 0.73065 | 504871.98 | 3635975.90 | 0.70642 |
| 504921.98 | 3635975.90 | 0.67371 | 504971.98 | 3635975.90 | 0.68176 |
| 505021.98 | 3635975.90 | 0.66921 | 505071.98 | 3635975.90 | 0.65507 |
| 505121.98 | 3635975.90 | 0.63789 | 505171.98 | 3635975.90 | 0.62353 |
| 505221.98 | 3635975.90 | 0.60653 | 501721.98 | 3632475.90 | 0.31343 |
| 501821.98 | 3632475.90 | 0.32732 | 501921.98 | 3632475.90 | 0.34193 |
| 502021.98 | 3632475.90 | 0.35731 | 502121.98 | | |

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3632475.90        0.37342
         502221.98    3632475.90        0.39032                      502321.98
3632475.90        0.40801
         502421.98    3632475.90        0.42637                      502521.98
3632475.90        0.44536
         502621.98    3632475.90        0.46476                      502721.98
3632475.90        0.48449
         502821.98    3632475.90        0.50441                      502921.98
3632475.90        0.47285
         503021.98    3632475.90        0.46747                      503121.98
3632475.90        0.44925
         503221.98    3632475.90        0.46982                      503321.98
3632475.90        0.43858
         503421.98    3632475.90        0.42735                      503721.98
3632475.90        0.41108
         503821.98    3632475.90        0.37573                      503921.98
3632475.90        0.34451
         504021.98    3632475.90        0.32201                      504121.98
3632475.90        0.31780
         504221.98    3632475.90        0.29847                      504321.98
3632475.90        0.29250
         504421.98    3632475.90        0.31639                      504521.98
3632475.90        0.33939
         504621.98    3632475.90        0.29717                      504721.98
3632475.90        0.28151
         504821.98    3632475.90        0.28093                      504921.98
3632475.90        0.27637
         505021.98    3632475.90        0.26843                      505121.98
3632475.90        0.27071
         505221.98    3632475.90        0.26554                      505321.98
3632475.90        0.26613
         505421.98    3632475.90        0.26770                      505521.98
3632475.90        0.26908
         505621.98    3632475.90        0.27448                      505721.98
3632475.90        0.28605
         501721.98    3632575.90        0.32511                      501821.98
3632575.90        0.34018
         501921.98    3632575.90        0.35611                      502021.98
3632575.90        0.37296
         502121.98    3632575.90        0.39071                      502221.98
3632575.90        0.40940
         502321.98    3632575.90        0.42905                      502421.98
3632575.90        0.44960
         502521.98    3632575.90        0.47098                      502621.98
3632575.90        0.49310
         502721.98    3632575.90        0.51565                      502821.98
3632575.90        0.53869
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 0.55193 | 503021.98 | 3632575.90 | 0.51137 |
| 503121.98 | 3632575.90 | 0.51042 | 503221.98 | 3632575.90 | 0.50189 |
| 503321.98 | 3632575.90 | 0.47795 | 503421.98 | 3632575.90 | 0.45488 |
| 503721.98 | 3632575.90 | 0.42183 | 503821.98 | 3632575.90 | 0.38325 |
| 503921.98 | 3632575.90 | 0.30331 | 504021.98 | 3632575.90 | 0.28769 |
| 504121.98 | 3632575.90 | 0.28893 | 504221.98 | 3632575.90 | 0.28956 |
| 504321.98 | 3632575.90 | 0.28758 | 504421.98 | 3632575.90 | 0.30023 |
| 504521.98 | 3632575.90 | 0.33209 | 504621.98 | 3632575.90 | 0.32100 |
| 504721.98 | 3632575.90 | 0.29280 | 504821.98 | 3632575.90 | 0.29625 |
| 504921.98 | 3632575.90 | 0.29137 | 505021.98 | 3632575.90 | 0.28452 |
| 505121.98 | 3632575.90 | 0.28951 | 505221.98 | 3632575.90 | 0.29209 |
| 505321.98 | 3632575.90 | 0.29266 | 505421.98 | 3632575.90 | 0.29534 |
| 505521.98 | 3632575.90 | 0.29722 | 505621.98 | 3632575.90 | 0.30608 |
| 505721.98 | 3632575.90 | 0.31322 | 501721.98 | 3632675.90 | 0.33707 |

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        501821.98    3632675.90        0.35341                    501921.98
3632675.90        0.37080
        502021.98    3632675.90        0.38929                    502121.98
3632675.90        0.40880
        502221.98    3632675.90        0.42942                    502321.98
3632675.90        0.45132
        502421.98    3632675.90        0.47435                    502521.98
3632675.90        0.49849
        502621.98    3632675.90        0.52360                    502721.98
3632675.90        0.54957
        502821.98    3632675.90        0.52051                    502921.98
3632675.90        0.50493
        503021.98    3632675.90        0.50183                    503721.98
3632675.90        0.45249
        503821.98    3632675.90        0.42216                    503921.98
3632675.90        0.37970
        504021.98    3632675.90        0.33152                    504121.98
3632675.90        0.31349
        504221.98    3632675.90        0.30899                    504321.98
3632675.90        0.31181
        504421.98    3632675.90        0.32037                    504521.98
3632675.90        0.32849
        504621.98    3632675.90        0.32423                    504721.98
3632675.90        0.31803
        504821.98    3632675.90        0.31939                    504921.98
3632675.90        0.31496
        505021.98    3632675.90        0.31260                    505121.98
3632675.90        0.31785
        505221.98    3632675.90        0.32051                    505321.98
3632675.90        0.31946
        505421.98    3632675.90        0.32392                    505521.98
3632675.90        0.33417
        505621.98    3632675.90        0.34043                    505721.98
3632675.90        0.33337
        502421.98    3632775.90        0.50025                    502521.98
3632775.90        0.46858
        502621.98    3632775.90        0.50871                    502721.98
3632775.90        0.58634
        502821.98    3632775.90        0.53312                    502921.98
3632775.90        0.44416
        503021.98    3632775.90        0.41204                    503121.98
3632775.90        0.46526
        503221.98    3632775.90        0.51284                    503621.98
3632775.90        0.52384
        503721.98    3632775.90        0.50000                    503821.98
3632775.90        0.43570
        503921.98    3632775.90        0.42688                    504021.98
3632775.90        0.41451
        504121.98    3632775.90        0.37577                    504221.98
3632775.90        0.35124
```

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504521.98    3632775.90        0.35176                      504621.98
3632775.90        0.34746
         504721.98    3632775.90        0.34677                      504821.98
3632775.90        0.34577
         504921.98    3632775.90        0.34546                      505021.98
3632775.90        0.34852
         505121.98    3632775.90        0.35270                      505221.98
3632775.90        0.35206
         505321.98    3632775.90        0.35307                      505421.98
3632775.90        0.36255
         505521.98    3632775.90        0.37350                      505621.98
3632775.90        0.37509
         505721.98    3632775.90        0.36624                      501721.98
3632875.90        0.36179
         501821.98    3632875.90        0.38102                      501921.98
3632875.90        0.40161
         502021.98    3632875.90        0.42363                      502121.98
3632875.90        0.44728
         502221.98    3632875.90        0.47240                      502321.98
3632875.90        0.49947
         502421.98    3632875.90        0.52851                      502521.98
3632875.90        0.55933
         502621.98    3632875.90        0.59197                      502721.98

3632875.90 0.62623
502821.98 3632875.90 0.57377 502921.98 3632875.90 0.44010
503021.98 3632875.90 0.32782 503121.98 3632875.90 0.41743
503221.98 3632875.90 0.59401 503321.98 3632875.90 0.61790
503421.98 3632875.90 0.60889 503621.98 3632875.90 0.57221
503721.98 3632875.90 0.54224 503821.98 3632875.90 0.46347
503921.98 3632875.90 0.40025 504021.98 3632875.90 0.39720
504121.98 3632875.90 0.39469 504221.98 3632875.90 0.38252
504321.98 3632875.90 0.38489 504421.98 3632875.90 0.38467
504521.98 3632875.90 0.38342 504621.98 3632875.90 0.38024
504721.98 3632875.90 0.38228 504821.98 3632875.90 0.38155
504921.98 3632875.90 0.38523 505021.98 3632875.90 0.39154
505121.98 3632875.90 0.39184 505221.98 3632875.90 0.39192
505321.98 3632875.90 0.39930 505421.98 3632875.90 0.41227
505521.98 3632875.90 0.41084 505621.98 3632875.90 0.41085
505721.98 3632875.90 0.39925 501721.98 3632975.90 0.37416
501821.98 3632975.90 0.39501 501921.98 3632975.90 0.41745
502021.98 3632975.90 0.44162 502121.98 3632975.90 0.46758
505321.98 3632975.90 0.45907 505421.98 3632975.90 0.45907
505521.98 3632975.90 0.45878 505621.98 3632975.90 0.45127
505721.98 3632975.90 0.43444 501721.98 3633075.90 0.38642
501821.98 3633075.90 0.40884 501921.98 3633075.90 0.43329
502021.98 3633075.90 0.45967 502121.98 3633075.90 0.48834
505321.98 3633075.90 0.51273 505421.98 3633075.90 0.51440
505521.98 3633075.90 0.51069 505621.98 3633075.90 0.49546
505721.98 3633075.90 0.46802 501721.98

3633175.90        0.39859
         501821.98    3633175.90        0.42270                        501921.98
3633175.90        0.44899
         502021.98    3633175.90        0.47782                        502121.98
3633175.90        0.50881
         505321.98    3633175.90        0.57391                        505421.98
3633175.90        0.56559


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3633175.90        0.55754                        505621.98
3633175.90        0.54175
         505721.98    3633175.90        0.50475                        501721.98
3633275.90        0.41059
         501821.98    3633275.90        0.43659                        501921.98
3633275.90        0.46488
         502021.98    3633275.90        0.49604                        502121.98
3633275.90        0.52986
         505321.98    3633275.90        0.64394                        505421.98
3633275.90        0.61548
         505521.98    3633275.90        0.60099                        505621.98
3633275.90        0.58517
         505721.98    3633275.90        0.54785                        501721.98
3633375.90        0.42228
         501821.98    3633375.90        0.44991                        501921.98
3633375.90        0.48022
         502021.98    3633375.90        0.51373                        502121.98
3633375.90        0.55083

505321.98 3633375.90 0.71978 505421.98 3633375.90 0.66609
505521.98 3633375.90 0.63687 505621.98 3633375.90 0.62399
505721.98 3633375.90 0.58502 501721.98 3633475.90 0.43371
501821.98 3633475.90 0.46306 501921.98 3633475.90 0.49564
502021.98 3633475.90 0.53162 502121.98 3633475.90 0.57122
505321.98 3633475.90 0.78554 505421.98 3633475.90 0.71907
505521.98 3633475.90 0.67804 505621.98 3633475.90 0.63373
505721.98 3633475.90 0.59075 501721.98 3633575.90 0.44459
501821.98 3633575.90 0.47570 501921.98 3633575.90 0.51012
502021.98 3633575.90 0.54840 502121.98 3633575.90 0.59227
505321.98 3633575.90 0.83672 505421.98 3633575.90 0.73863
505521.98 3633575.90 0.67835 505621.98 3633575.90 0.63789
505721.98 3633575.90 0.60243 501721.98 3633675.90 0.45490
501821.98 3633675.90 0.48735 501921.98 3633675.90 0.52391
502021.98 3633675.90 0.56488 502121.98 3633675.90 0.61139
505321.98 3633675.90 0.83330 505421.98 3633675.90 0.72863
505521.98 3633675.90 0.68265 505621.98 3633675.90 0.65336
505721.98 3633675.90 0.63075 501721.98 3633775.90 0.46447
501821.98 3633775.90 0.49845 501921.98 3633775.90 0.53664
502021.98 3633775.90 0.57967 502121.98 3633775.90 0.62821
505321.98 3633775.90 0.85768 505421.98 3633775.90 0.77398
505521.98 3633775.90 0.70671 505621.98 3633775.90 0.66217
505721.98 3633775.90 0.62822 501721.98 3633875.90 0.47286
501821.98 3633875.90 0.50862 501921.98 3633875.90 0.54749
502021.98 3633875.90 0.59331 502121.98 3633875.90 0.64425

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505321.98 | 3633875.90 | 0.87357 | 505421.98 | 3633875.90 | 0.77767 |
| 505521.98 | 3633875.90 | 0.68794 | 505621.98 | 3633875.90 | 0.61548 |
| 505721.98 | 3633875.90 | 0.58305 | 501721.98 | 3633975.90 | 0.48006 |
| 501821.98 | 3633975.90 | 0.51677 | 501921.98 | 3633975.90 | 0.55813 |
| 502021.98 | 3633975.90 | 0.60479 | 502121.98 | 3633975.90 | 0.65856 |
| 505321.98 | 3633975.90 | 0.79973 | 505421.98 | 3633975.90 | 0.70967 |
| 505521.98 | 3633975.90 | 0.63548 | 505621.98 | 3633975.90 | 0.58020 |
| 505721.98 | 3633975.90 | 0.55133 | 501721.98 | 3634075.90 | 0.48574 |
| 501821.98 | 3634075.90 | 0.52350 | 501921.98 | 3634075.90 | 0.56607 |
| 502021.98 | 3634075.90 | 0.61430 | 502121.98 | 3634075.90 | 0.66936 |
| 505321.98 | 3634075.90 | 0.74608 | 505421.98 | 3634075.90 | 0.68547 |
| 505521.98 | 3634075.90 | 0.65376 | 505621.98 | 3634075.90 | 0.61180 |
| 505721.98 | 3634075.90 | 0.55043 | 501721.98 | | |

3634175.90 0.48925
501821.98 3634175.90 0.52834 501921.98 3634175.90 0.57194
502021.98 3634175.90 0.61973 502121.98 3634175.90 0.67689
505321.98 3634175.90 0.80283 505421.98 3634175.90 0.74514
505521.98 3634175.90 0.69344 505621.98 3634175.90 0.59861
505721.98 3634175.90 0.52412 501721.98 3634275.90 0.49192
501821.98 3634275.90 0.53051 501921.98 3634275.90 0.57417
502021.98 3634275.90 0.62356 502121.98 3634275.90 0.68061
505321.98 3634275.90 0.88365 505421.98 3634275.90 0.81384
505521.98 3634275.90 0.65627 505621.98 3634275.90 0.58135
505721.98 3634275.90 0.51081 501721.98 3634375.90 0.49443
501821.98 3634375.90 0.53389 501921.98 3634375.90 0.57705
502021.98 3634375.90 0.62683 502121.98 3634375.90 0.68539
505321.98 3634375.90 0.95618 505421.98 3634375.90 0.84875
505521.98 3634375.90 0.65709 505621.98 3634375.90 0.56928
505721.98 3634375.90 0.51525 501721.98 3634475.90 0.49514
501821.98 3634475.90 0.53457 501921.98 3634475.90 0.57887
502021.98 3634475.90 0.62980 502121.98 3634475.90 0.68698
505321.98 3634475.90 0.95422 505421.98 3634475.90 0.98839
505521.98 3634475.90 0.77312 505621.98 3634475.90 0.62812
505721.98 3634475.90 0.52902 501721.98 3634575.90 0.49378
501821.98 3634575.90 0.53235 501921.98 3634575.90 0.57607
502021.98 3634575.90 0.62626 502121.98 3634575.90 0.68375
505321.98 3634575.90 0.91744 505421.98 3634575.90 1.01999
505521.98 3634575.90 0.88760 505621.98 3634575.90 0.66632
505721.98 3634575.90 0.55019 501721.98

3634675.90        0.49098
         501821.98    3634675.90        0.52925                      501921.98
3634675.90        0.57204
         502021.98    3634675.90        0.62098                      502121.98
3634675.90        0.67495
         505321.98    3634675.90        0.88533                      505421.98
3634675.90        0.98708
         505521.98    3634675.90        0.96697                      505621.98
3634675.90        0.79889
         505721.98    3634675.90        0.61894                      501721.98
3634775.90        0.48590
         501821.98    3634775.90        0.52321                      501921.98
3634775.90        0.56430
         502021.98    3634775.90        0.61171                      502121.98
3634775.90        0.66482
         505321.98    3634775.90        0.83200                      505421.98
3634775.90        1.01342

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - -

505321.98 3634875.90 0.86377 505421.98
3634875.90 0.95981
505521.98 3634875.90 0.88213 505621.98
3634875.90 0.81395
505721.98 3634875.90 0.74745 501721.98
3634975.90 0.47006
501821.98 3634975.90 0.50386 501921.98
3634975.90 0.54122
502021.98 3634975.90 0.58333 502121.98
3634975.90 0.63093
505321.98 3634975.90 0.90285 505421.98
3634975.90 0.90644
505521.98 3634975.90 0.83318 505621.98
3634975.90 0.76906
505721.98 3634975.90 0.71376 501721.98
3635075.90 0.45917
501821.98 3635075.90 0.49118 501921.98
3635075.90 0.61222
502021.98 3635075.90 0.64228 502121.98
3635075.90 0.61051
505321.98 3635075.90 0.90701 505421.98
3635075.90 0.85855
505521.98 3635075.90 0.79062 505621.98
3635075.90 0.72931
505721.98 3635075.90 0.67777 501721.98
3635175.90 0.51885
501821.98 3635175.90 0.54099 501921.98
3635175.90 0.59062
502021.98 3635175.90 0.61432 502121.98
3635175.90 0.58872
505321.98 3635175.90 0.87971 505421.98
3635175.90 0.81056
505521.98 3635175.90 0.74852 505621.98
3635175.90 0.69415
505721.98 3635175.90 0.64615 501721.98
3635275.90 0.50490
501821.98 3635275.90 0.52811 501921.98
3635275.90 0.55268
502021.98 3635275.90 0.57915 502121.98
3635275.90 0.59952
505621.98 3635275.90 0.65723 505721.98
3635275.90 0.61356
501721.98 3635375.90 0.46230 501821.98
3635375.90 0.48745
501921.98 3635375.90 0.51100 502021.98
3635375.90 0.53719
502121.98 3635375.90 0.56769 505621.98
3635375.90 0.63475
501721.98 3635475.90 0.42127 501821.98
3635475.90 0.44373

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929
, L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 0.58455 | 505621.98 | 3635675.90 | 0.55040 |
| 505721.98 | 3635675.90 | 0.51869 | 501721.98 | | |

3635775.90 0.33253
501821.98 3635775.90 0.36094 501921.98
3635775.90 0.38653
502021.98 3635775.90 0.40738 502121.98
3635775.90 0.42896
505321.98 3635775.90 0.65030 505421.98
3635775.90 0.60844
505521.98 3635775.90 0.56562 505621.98
3635775.90 0.52496
505721.98 3635775.90 0.49533 501721.98
3635875.90 0.30669
501821.98 3635875.90 0.33521 501921.98
3635875.90 0.36218
502021.98 3635875.90 0.38040 502121.98
3635875.90 0.40238
505321.98 3635875.90 0.63427 505421.98
3635875.90 0.58059
505521.98 3635875.90 0.54565 505621.98
3635875.90 0.50974
505721.98 3635875.90 0.47917 501721.98
3635975.90 0.28914
501821.98 3635975.90 0.31717 501921.98
3635975.90 0.34038
502021.98 3635975.90 0.35623 502121.98
3635975.90 0.37712
505321.98 3635975.90 0.58707 505421.98
3635975.90 0.55344
505521.98 3635975.90 0.52254 505621.98
3635975.90 0.49547
505721.98 3635975.90 0.46178 501721.98
3636075.90 0.27908
501821.98 3636075.90 0.29800 501921.98
3636075.90 0.31874
502021.98 3636075.90 0.33476 502121.98
3636075.90 0.35558
502221.98 3636075.90 0.38164 502321.98
3636075.90 0.41356
502421.98 3636075.90 0.44207 502521.98
3636075.90 0.46571
502621.98 3636075.90 0.49138 502721.98
3636075.90 0.52118
502821.98 3636075.90 0.54947 502921.98
3636075.90 0.57054
503021.98 3636075.90 0.58935 503121.98
3636075.90 0.59406
503221.98 3636075.90 0.63143 503321.98
3636075.90 0.66937
503421.98 3636075.90 0.70249 503521.98
3636075.90 0.74335
503621.98 3636075.90 0.77467 503721.98

3636075.90        0.79632
         503821.98    3636075.90        0.80940                      503921.98
3636075.90        0.81534
         504021.98    3636075.90        0.82067                      504121.98
3636075.90        0.83453
         504221.98    3636075.90        0.84352                      504321.98
3636075.90        0.85360
         504421.98    3636075.90        0.85086                      504521.98
3636075.90        0.83787
         504621.98    3636075.90        0.83163                      504721.98
3636075.90        0.79967
         504821.98    3636075.90        0.73231                      504921.98
3636075.90        0.66879
         505021.98    3636075.90        0.63487                      505121.98
3636075.90        0.59976
         505221.98    3636075.90        0.57077                      505321.98
3636075.90        0.55010
         505421.98    3636075.90        0.51784                      505521.98
3636075.90        0.50221
         505621.98    3636075.90        0.47692                      505721.98
3636075.90        0.44909
         501721.98    3636175.90        0.26079                      501821.98
3636175.90        0.27923
         501921.98    3636175.90        0.30092                      502021.98
3636175.90        0.31768
         502121.98    3636175.90        0.33795                      502221.98
3636175.90        0.36403

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC

- - - -

```
         503021.98    3636275.90        0.50989                       503121.98
3636275.90        0.51244
         503221.98    3636275.90        0.51639                       503321.98
3636275.90        0.54419
         503421.98    3636275.90        0.58407                       503521.98
3636275.90        0.61835
         503621.98    3636275.90        0.64412                       503721.98
3636275.90        0.66234
         503821.98    3636275.90        0.67156                       503921.98
3636275.90        0.66679
         504021.98    3636275.90        0.65518                       504121.98
3636275.90        0.64110
         504221.98    3636275.90        0.58753                       504321.98
3636275.90        0.47507
         504421.98    3636275.90        0.46146                       504521.98
3636275.90        0.45475
         504621.98    3636275.90        0.50553                       504721.98
3636275.90        0.58309
         504821.98    3636275.90        0.53603                       504921.98
3636275.90        0.62828
         505021.98    3636275.90        0.59680                       505121.98
3636275.90        0.54203
         505221.98    3636275.90        0.51665                       505321.98
3636275.90        0.50163
         505421.98    3636275.90        0.48437                       505521.98
3636275.90        0.45892
         505621.98    3636275.90        0.44171                       505721.98
3636275.90        0.42499
         501721.98    3636375.90        0.23844                       501821.98
3636375.90        0.25542
         501921.98    3636375.90        0.27706                       502021.98
3636375.90        0.29546
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 0.31719 | 502221.98 | 3636375.90 | 0.33735 |
| 502321.98 | 3636375.90 | 0.35709 | 502421.98 | 3636375.90 | 0.38104 |
| 502521.98 | 3636375.90 | 0.40222 | 502621.98 | 3636375.90 | 0.42186 |
| 502721.98 | 3636375.90 | 0.43376 | 502821.98 | 3636375.90 | 0.44279 |
| 502921.98 | 3636375.90 | 0.45173 | 503021.98 | 3636375.90 | 0.46150 |
| 503121.98 | 3636375.90 | 0.46174 | 503221.98 | 3636375.90 | 0.45745 |
| 503321.98 | 3636375.90 | 0.47856 | 503421.98 | 3636375.90 | 0.52990 |
| 503521.98 | 3636375.90 | 0.55856 | 503621.98 | 3636375.90 | 0.57877 |
| 503721.98 | 3636375.90 | 0.59945 | 503821.98 | 3636375.90 | 0.61021 |
| 503921.98 | 3636375.90 | 0.58798 | 504021.98 | 3636375.90 | 0.57172 |
| 504121.98 | 3636375.90 | 0.54423 | 504221.98 | 3636375.90 | 0.47870 |
| 504321.98 | 3636375.90 | 0.41882 | 504421.98 | 3636375.90 | 0.40188 |
| 504521.98 | 3636375.90 | 0.40723 | 504621.98 | 3636375.90 | 0.43654 |
| 504721.98 | 3636375.90 | 0.47382 | 504821.98 | 3636375.90 | 0.44210 |
| 504921.98 | 3636375.90 | 0.44351 | 505021.98 | 3636375.90 | 0.55980 |
| 505121.98 | 3636375.90 | 0.53408 | 505221.98 | 3636375.90 | 0.50660 |
| 505321.98 | 3636375.90 | 0.48352 | 505421.98 | 3636375.90 | 0.46045 |
| 505521.98 | 3636375.90 | 0.44264 | 505621.98 | 3636375.90 | 0.42577 |
| 505721.98 | 3636375.90 | 0.41054 | 501721.98 | 3636475.90 | 0.22352 |
| 501821.98 | 3636475.90 | 0.24110 | 501921.98 | 3636475.90 | 0.26654 |
| 502021.98 | 3636475.90 | 0.28177 | 502121.98 | 3636475.90 | 0.29908 |
| 502221.98 | 3636475.90 | 0.31979 | 502321.98 | | |

3636475.90        0.34269
         502421.98    3636475.90        0.36536                        502521.98
3636475.90        0.38297
         502621.98    3636475.90        0.39810                        502721.98
3636475.90        0.40715
         502821.98    3636475.90        0.40715                        502921.98
3636475.90        0.41432
         503021.98    3636475.90        0.41683                        503121.98
3636475.90        0.41134
         503221.98    3636475.90        0.40648                        503321.98
3636475.90        0.43302
         503421.98    3636475.90        0.47061                        503521.98
3636475.90        0.50073
         503621.98    3636475.90        0.51895                        503721.98
3636475.90        0.54124
         503821.98    3636475.90        0.53842                        503921.98
3636475.90        0.51615
         504021.98    3636475.90        0.42634                        504121.98
3636475.90        0.44453
         504221.98    3636475.90        0.44228                        504321.98
3636475.90        0.38128
         504421.98    3636475.90        0.36574                        504521.98
3636475.90        0.36869
         504621.98    3636475.90        0.37758                        504721.98
3636475.90        0.38515
         504821.98    3636475.90        0.38632                        504921.98
3636475.90        0.41126
         505021.98    3636475.90        0.50884                        505121.98
3636475.90        0.51414
         505221.98    3636475.90        0.48731                        505321.98
3636475.90        0.46422
         505421.98    3636475.90        0.43976                        505521.98
3636475.90        0.42216
         505621.98    3636475.90        0.40765                        505721.98
3636475.90        0.39309

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 0.27176 | 502771.98 | 3633475.90 | 0.27899 |
| 502821.98 | 3633475.90 | 0.28573 | 502871.98 | 3633475.90 | 0.29400 |
| 502921.98 | 3633475.90 | 0.29368 | 502971.98 | 3633475.90 | 0.30099 |
| 503021.98 | 3633475.90 | 0.31050 | 503071.98 | 3633475.90 | 0.31399 |
| 503121.98 | 3633475.90 | 0.32632 | 503171.98 | 3633475.90 | 0.33812 |
| 503221.98 | 3633475.90 | 0.32969 | 503271.98 | 3633475.90 | 0.33236 |
| 503321.98 | 3633475.90 | 0.32457 | 503371.98 | 3633475.90 | 0.32888 |
| 503421.98 | 3633475.90 | 0.33658 | 503471.98 | 3633475.90 | 0.34395 |
| 503521.98 | 3633475.90 | 0.35038 | 503621.98 | 3633475.90 | 0.37121 |
| 503671.98 | 3633475.90 | 0.39367 | 503721.98 | 3633475.90 | 0.40815 |
| 503771.98 | 3633475.90 | 0.41889 | 503821.98 | 3633475.90 | 0.42514 |
| 503871.98 | 3633475.90 | 0.43371 | 503921.98 | 3633475.90 | 0.45182 |
| 503971.98 | 3633475.90 | 0.46393 | 504021.98 | 3633475.90 | 0.46654 |
| 504071.98 | 3633475.90 | 0.47792 | 504121.98 | 3633475.90 | 0.49368 |
| 504171.98 | 3633475.90 | 0.48957 | 504221.98 | 3633475.90 | 0.49911 |
| 504271.98 | 3633475.90 | 0.51055 | 504321.98 | 3633475.90 | 0.51445 |
| 504371.98 | 3633475.90 | 0.48164 | 504421.98 | 3633475.90 | 0.43890 |
| 504471.98 | 3633475.90 | 0.40395 | 504521.98 | 3633475.90 | 0.38691 |
| 504571.98 | 3633475.90 | 0.39911 | 504621.98 | 3633475.90 | 0.41915 |
| 504671.98 | 3633475.90 | 0.42746 | 504721.98 | 3633475.90 | 0.44830 |
| 502721.98 | 3633525.90 | 0.27635 | 502771.98 | 3633525.90 | 0.28299 |
| 502821.98 | 3633525.90 | 0.29024 | 502871.98 | | |

3633525.90        0.29969
         502921.98    3633525.90        0.30877                          502971.98
3633525.90        0.31629
         503021.98    3633525.90        0.32401                          503071.98
3633525.90        0.33200
         503121.98    3633525.90        0.33707                          503171.98
3633525.90        0.34558
         503221.98    3633525.90        0.35600                          503271.98
3633525.90        0.34229
         503321.98    3633525.90        0.34624                          503371.98
3633525.90        0.33706
         503421.98    3633525.90        0.34279                          503471.98
3633525.90        0.34982
         503521.98    3633525.90        0.35886                          503621.98
3633525.90        0.37452
         503671.98    3633525.90        0.39252                          503721.98
3633525.90        0.40642
         503771.98    3633525.90        0.43384                          503821.98
3633525.90        0.45496
         503871.98    3633525.90        0.46757                          503921.98
3633525.90        0.47792
         503971.98    3633525.90        0.49637                          504021.98
3633525.90        0.50930
         504071.98    3633525.90        0.52258                          504121.98
3633525.90        0.53412
         504171.98    3633525.90        0.54151                          504221.98
3633525.90        0.54737
         504271.98    3633525.90        0.55201                          504321.98
3633525.90        0.51637
         504371.98    3633525.90        0.48293                          504421.98
3633525.90        0.44550
         504471.98    3633525.90        0.42005                          504521.98
3633525.90        0.43395
         504571.98    3633525.90        0.46176                          504621.98
3633525.90        0.48276
         504671.98    3633525.90        0.48285                          504721.98
3633525.90        0.47566


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 0.28124 | 502771.98 | 3633575.90 | 0.28781 |
| 502821.98 | 3633575.90 | 0.29626 | 502871.98 | 3633575.90 | 0.30575 |
| 502921.98 | 3633575.90 | 0.31331 | 502971.98 | 3633575.90 | 0.32204 |
| 503021.98 | 3633575.90 | 0.33267 | 503071.98 | 3633575.90 | 0.34061 |
| 503121.98 | 3633575.90 | 0.34517 | 503171.98 | 3633575.90 | 0.35408 |
| 503221.98 | 3633575.90 | 0.36637 | 503271.98 | 3633575.90 | 0.36831 |
| 503321.98 | 3633575.90 | 0.35880 | 503371.98 | 3633575.90 | 0.35530 |
| 503421.98 | 3633575.90 | 0.35852 | 503471.98 | 3633575.90 | 0.36276 |
| 503521.98 | 3633575.90 | 0.37001 | 503621.98 | 3633575.90 | 0.38767 |
| 503671.98 | 3633575.90 | 0.39858 | 503721.98 | 3633575.90 | 0.40929 |
| 503771.98 | 3633575.90 | 0.43582 | 503821.98 | 3633575.90 | 0.46365 |
| 503871.98 | 3633575.90 | 0.47069 | 503921.98 | 3633575.90 | 0.48744 |
| 503971.98 | 3633575.90 | 0.51766 | 504021.98 | 3633575.90 | 0.53801 |
| 504071.98 | 3633575.90 | 0.55692 | 504121.98 | 3633575.90 | 0.56353 |
| 504171.98 | 3633575.90 | 0.57062 | 504221.98 | 3633575.90 | 0.57502 |
| 504271.98 | 3633575.90 | 0.59099 | 504321.98 | 3633575.90 | 0.54725 |
| 504371.98 | 3633575.90 | 0.51091 | 504421.98 | 3633575.90 | 0.46246 |
| 504471.98 | 3633575.90 | 0.45633 | 504521.98 | 3633575.90 | 0.49731 |
| 504571.98 | 3633575.90 | 0.54068 | 504621.98 | 3633575.90 | 0.52662 |
| 504671.98 | 3633575.90 | 0.51217 | 504721.98 | 3633575.90 | 0.50150 |
| 502721.98 | 3633625.90 | 0.28866 | 502771.98 | | |

```
3633625.90        0.29531
         502821.98    3633625.90        0.30217                          502871.98
3633625.90        0.31015
         502921.98    3633625.90        0.31833                          502971.98
3633625.90        0.32838
         503021.98    3633625.90        0.33966                          503071.98
3633625.90        0.34605
         503121.98    3633625.90        0.35305                          503171.98
3633625.90        0.36335
         503221.98    3633625.90        0.37390                          503271.98
3633625.90        0.38181
         503321.98    3633625.90        0.37494                          503371.98
3633625.90        0.37459
         503421.98    3633625.90        0.37389                          503471.98
3633625.90        0.37713
         503521.98    3633625.90        0.38334                          503621.98
3633625.90        0.39795
         503671.98    3633625.90        0.41287                          503721.98
3633625.90        0.42180
         503771.98    3633625.90        0.45184                          503821.98
3633625.90        0.47158
         503871.98    3633625.90        0.48348                          503921.98
3633625.90        0.50893
         503971.98    3633625.90        0.53198                          504021.98
3633625.90        0.56189
         504071.98    3633625.90        0.58560                          504121.98
3633625.90        0.58569
         504171.98    3633625.90        0.59285                          504221.98
3633625.90        0.60878
         504271.98    3633625.90        0.63886                          504321.98
3633625.90        0.63237
         504371.98    3633625.90        0.57844                          504421.98
3633625.90        0.52957
         504471.98    3633625.90        0.51797                          504521.98
3633625.90        0.58713
         504571.98    3633625.90        0.59834                          504621.98
3633625.90        0.57797
         504671.98    3633625.90        0.58661                          504721.98
3633625.90        0.55191
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 0.29671 | 502771.98 | 3633675.90 | 0.30313 |
| 502821.98 | 3633675.90 | 0.30965 | 502871.98 | 3633675.90 | 0.31720 |
| 502921.98 | 3633675.90 | 0.32736 | 502971.98 | 3633675.90 | 0.33682 |
| 503021.98 | 3633675.90 | 0.34656 | 503071.98 | 3633675.90 | 0.35361 |
| 503121.98 | 3633675.90 | 0.36248 | 503171.98 | 3633675.90 | 0.37225 |
| 503221.98 | 3633675.90 | 0.38349 | 503271.98 | 3633675.90 | 0.39666 |
| 503321.98 | 3633675.90 | 0.39649 | 503371.98 | 3633675.90 | 0.40203 |
| 503421.98 | 3633675.90 | 0.40338 | 503471.98 | 3633675.90 | 0.40012 |
| 503521.98 | 3633675.90 | 0.40421 | 503571.98 | 3633675.90 | 0.40275 |
| 503671.98 | 3633675.90 | 0.42588 | 503721.98 | 3633675.90 | 0.43748 |
| 503771.98 | 3633675.90 | 0.45350 | 503821.98 | 3633675.90 | 0.47572 |
| 503871.98 | 3633675.90 | 0.50110 | 503921.98 | 3633675.90 | 0.52400 |
| 503971.98 | 3633675.90 | 0.55394 | 504021.98 | 3633675.90 | 0.58453 |
| 504071.98 | 3633675.90 | 0.60240 | 504121.98 | 3633675.90 | 0.60829 |
| 504171.98 | 3633675.90 | 0.61598 | 504221.98 | 3633675.90 | 0.63402 |
| 504271.98 | 3633675.90 | 0.67594 | 504321.98 | 3633675.90 | 0.70346 |
| 504371.98 | 3633675.90 | 0.66120 | 504421.98 | 3633675.90 | 0.62128 |
| 504471.98 | 3633675.90 | 0.64981 | 504521.98 | 3633675.90 | 0.68082 |
| 504571.98 | 3633675.90 | 0.66475 | 504621.98 | 3633675.90 | 0.65201 |
| 504671.98 | 3633675.90 | 0.63552 | 504721.98 | | |

3633675.90        0.62071
         502721.98    3633725.90        0.30584                          502771.98
3633725.90        0.31278
         502821.98    3633725.90        0.31890                          502871.98
3633725.90        0.32729
         502921.98    3633725.90        0.33935                          502971.98
3633725.90        0.34778
         503021.98    3633725.90        0.35290                          503071.98
3633725.90        0.36318
         503121.98    3633725.90        0.37220                          503171.98
3633725.90        0.38187
         503221.98    3633725.90        0.39326                          503271.98
3633725.90        0.40345
         503321.98    3633725.90        0.41444                          503371.98
3633725.90        0.42383
         503421.98    3633725.90        0.43307                          503471.98
3633725.90        0.42022
         503521.98    3633725.90        0.42227                          503571.98
3633725.90        0.42307
         503721.98    3633725.90        0.44658                          503771.98
3633725.90        0.46633
         503821.98    3633725.90        0.48498                          503871.98
3633725.90        0.51369
         503921.98    3633725.90        0.54170                          503971.98
3633725.90        0.58158
         504021.98    3633725.90        0.61199                          504071.98
3633725.90        0.62929
         504121.98    3633725.90        0.62688                          504171.98
3633725.90        0.64481
         504221.98    3633725.90        0.67230                          504271.98
3633725.90        0.69387
         504321.98    3633725.90        0.76666                          504371.98
3633725.90        0.77006
         504421.98    3633725.90        0.75312                          504471.98
3633725.90        0.76886
         504521.98    3633725.90        0.76653                          504571.98
3633725.90        0.74461
         504621.98    3633725.90        0.76708                          504671.98
3633725.90        0.74072
         504721.98    3633725.90        0.69528                          502721.98
3633775.90        0.31536

VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 0.32287 | 502821.98 | 3633775.90 | 0.33009 |
| 502871.98 | 3633775.90 | 0.33781 | 502921.98 | 3633775.90 | 0.34906 |
| 502971.98 | 3633775.90 | 0.35977 | 503021.98 | 3633775.90 | 0.36726 |
| 503071.98 | 3633775.90 | 0.37524 | 503121.98 | 3633775.90 | 0.38358 |
| 503171.98 | 3633775.90 | 0.39264 | 503221.98 | 3633775.90 | 0.40239 |
| 503271.98 | 3633775.90 | 0.41354 | 503321.98 | 3633775.90 | 0.42381 |
| 503371.98 | 3633775.90 | 0.43322 | 503421.98 | 3633775.90 | 0.44259 |
| 503471.98 | 3633775.90 | 0.45433 | 503771.98 | 3633775.90 | 0.47979 |
| 503821.98 | 3633775.90 | 0.50031 | 503871.98 | 3633775.90 | 0.52511 |
| 503921.98 | 3633775.90 | 0.56706 | 503971.98 | 3633775.90 | 0.61141 |
| 504021.98 | 3633775.90 | 0.64045 | 504071.98 | 3633775.90 | 0.62578 |
| 504121.98 | 3633775.90 | 0.64703 | 504171.98 | 3633775.90 | 0.66693 |
| 504221.98 | 3633775.90 | 0.69995 | 504271.98 | 3633775.90 | 0.74369 |
| 504321.98 | 3633775.90 | 0.82064 | 504371.98 | 3633775.90 | 0.86050 |
| 504421.98 | 3633775.90 | 0.87232 | 504471.98 | 3633775.90 | 0.86383 |
| 504521.98 | 3633775.90 | 0.87757 | 504571.98 | 3633775.90 | 0.87815 |
| 504621.98 | 3633775.90 | 0.86792 | 504671.98 | 3633775.90 | 0.84020 |
| 504721.98 | 3633775.90 | 0.79980 | 502721.98 | 3633825.90 | 0.32702 |
| 502771.98 | 3633825.90 | 0.33454 | 502821.98 | | |

3633825.90        0.34267
         502871.98    3633825.90        0.35073                        502921.98
3633825.90        0.36313
         502971.98    3633825.90        0.37281                        503021.98
3633825.90        0.38040
         503071.98    3633825.90        0.38884                        503121.98
3633825.90        0.39745
         503171.98    3633825.90        0.40751                        503221.98
3633825.90        0.41715
         503271.98    3633825.90        0.42782                        503771.98
3633825.90        0.49104
         503821.98    3633825.90        0.50880                        503871.98
3633825.90        0.54183
         503921.98    3633825.90        0.59449                        503971.98
3633825.90        0.63575
         504021.98    3633825.90        0.63023                        504071.98
3633825.90        0.65807
         504121.98    3633825.90        0.67966                        504171.98
3633825.90        0.69640
         504221.98    3633825.90        0.73390                        504271.98
3633825.90        0.77412
         504321.98    3633825.90        0.82019                        504371.98
3633825.90        0.87469
         504421.98    3633825.90        0.92734                        504471.98
3633825.90        0.94831
         504521.98    3633825.90        0.94654                        504571.98
3633825.90        0.93148
         504621.98    3633825.90        0.93053                        504671.98
3633825.90        0.90980
         504721.98    3633825.90        0.88199                        502721.98
3633875.90        0.33904
         502771.98    3633875.90        0.34755                        502821.98
3633875.90        0.35592
         502871.98    3633875.90        0.36411                        502921.98
3633875.90        0.37938
         502971.98    3633875.90        0.38804                        503021.98
3633875.90        0.39704
         503071.98    3633875.90        0.40744                        503121.98
3633875.90        0.41397
         503171.98    3633875.90        0.42326                        503221.98
3633875.90        0.43322
         503271.98    3633875.90        0.44303                        503821.98
3633875.90        0.52951

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***

INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 0.56902 | 503921.98 | 3633875.90 | 0.61295 |
| 503971.98 | 3633875.90 | 0.62569 | 504021.98 | 3633875.90 | 0.65944 |
| 504071.98 | 3633875.90 | 0.69958 | 504121.98 | 3633875.90 | 0.71690 |
| 504171.98 | 3633875.90 | 0.75210 | 504221.98 | 3633875.90 | 0.79030 |
| 504271.98 | 3633875.90 | 0.83502 | 504321.98 | 3633875.90 | 0.89600 |
| 504371.98 | 3633875.90 | 0.94224 | 504421.98 | 3633875.90 | 0.98863 |
| 504471.98 | 3633875.90 | 1.00001 | 504521.98 | 3633875.90 | 0.97949 |
| 504571.98 | 3633875.90 | 0.97125 | 504621.98 | 3633875.90 | 0.96744 |
| 504671.98 | 3633875.90 | 0.95940 | 504721.98 | 3633875.90 | 0.92397 |
| 502721.98 | 3633925.90 | 0.35241 | 502771.98 | 3633925.90 | 0.36083 |
| 502821.98 | 3633925.90 | 0.37000 | 502871.98 | 3633925.90 | 0.38128 |
| 502921.98 | 3633925.90 | 0.39534 | 502971.98 | 3633925.90 | 0.40280 |
| 503021.98 | 3633925.90 | 0.41306 | 503071.98 | 3633925.90 | 0.42505 |
| 503121.98 | 3633925.90 | 0.43414 | 503171.98 | 3633925.90 | 0.44203 |
| 503221.98 | 3633925.90 | 0.44880 | 503271.98 | 3633925.90 | 0.45827 |
| 503821.98 | 3633925.90 | 0.55231 | 503871.98 | 3633925.90 | 0.58818 |
| 503921.98 | 3633925.90 | 0.62743 | 503971.98 | 3633925.90 | 0.65987 |
| 504021.98 | 3633925.90 | 0.70494 | 504071.98 | | |

```
3633925.90        0.73981
         504121.98    3633925.90        0.77968                     504171.98
3633925.90        0.81324
         504221.98    3633925.90        0.85058                     504271.98
3633925.90        0.89946
         504321.98    3633925.90        0.93806                     504371.98
3633925.90        0.98833
         504421.98    3633925.90        1.00662                     504471.98
3633925.90        1.02243
         504521.98    3633925.90        1.03073                     504571.98
3633925.90        1.04505
         504621.98    3633925.90        1.02983                     504671.98
3633925.90        0.99579
         504721.98    3633925.90        0.95277                     502721.98
3633975.90        0.36835
         502771.98    3633975.90        0.37643                     502821.98
3633975.90        0.38482
         502871.98    3633975.90        0.39895                     502921.98
3633975.90        0.41250
         502971.98    3633975.90        0.42063                     503021.98
3633975.90        0.43210
         503071.98    3633975.90        0.44307                     503121.98
3633975.90        0.45359
         503171.98    3633975.90        0.46280                     503221.98
3633975.90        0.47104
         503271.98    3633975.90        0.47960                     503821.98
3633975.90        0.58450
         503871.98    3633975.90        0.62239                     503921.98
3633975.90        0.67031
         503971.98    3633975.90        0.72169                     504021.98
3633975.90        0.76968
         504071.98    3633975.90        0.81552                     504121.98
3633975.90        0.85487
         504171.98    3633975.90        0.89878                     504221.98
3633975.90        0.95365
         504271.98    3633975.90        1.00013                     504321.98
3633975.90        1.02735
         504371.98    3633975.90        1.07058                     504421.98
3633975.90        1.07859
         504471.98    3633975.90        1.11784                     504521.98
3633975.90        1.14485
         504571.98    3633975.90        1.11646                     504621.98
3633975.90        1.07597
         504671.98    3633975.90        1.02633                     504721.98
3633975.90        0.95683
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***

INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 0.39065 | 502771.98 | 3634025.90 | 0.40163 |
| 502821.98 | 3634025.90 | 0.40946 | 502871.98 | 3634025.90 | 0.41959 |
| 502921.98 | 3634025.90 | 0.42973 | 502971.98 | 3634025.90 | 0.44177 |
| 503021.98 | 3634025.90 | 0.45704 | 503071.98 | 3634025.90 | 0.46501 |
| 503121.98 | 3634025.90 | 0.47614 | 503171.98 | 3634025.90 | 0.48732 |
| 503221.98 | 3634025.90 | 0.49615 | 503271.98 | 3634025.90 | 0.50420 |
| 503871.98 | 3634025.90 | 0.67960 | 503921.98 | 3634025.90 | 0.74678 |
| 503971.98 | 3634025.90 | 0.81250 | 504021.98 | 3634025.90 | 0.87018 |
| 504071.98 | 3634025.90 | 0.92350 | 504121.98 | 3634025.90 | 0.97428 |
| 504171.98 | 3634025.90 | 1.03498 | 504221.98 | 3634025.90 | 1.08455 |
| 504271.98 | 3634025.90 | 1.12736 | 504321.98 | 3634025.90 | 1.14574 |
| 504371.98 | 3634025.90 | 1.17080 | 504421.98 | 3634025.90 | 1.23159 |
| 504471.98 | 3634025.90 | 1.23950 | 504521.98 | 3634025.90 | 1.20720 |
| 504571.98 | 3634025.90 | 1.16622 | 504621.98 | 3634025.90 | 1.10983 |
| 504671.98 | 3634025.90 | 1.02356 | 504721.98 | 3634025.90 | 0.92531 |
| 502721.98 | 3634075.90 | 0.41293 | 502771.98 | 3634075.90 | 0.41821 |
| 502821.98 | 3634075.90 | 0.42925 | 502871.98 | | |

```
3634075.90        0.44366
         502921.98    3634075.90        0.45597                        502971.98
3634075.90        0.46753
         503021.98    3634075.90        0.48298                        503071.98
3634075.90        0.49543
         503121.98    3634075.90        0.50599                        503171.98
3634075.90        0.51735
         503221.98    3634075.90        0.52661                        503271.98
3634075.90        0.53534
         503871.98    3634075.90        0.77474                        503921.98
3634075.90        0.86543
         503971.98    3634075.90        0.95003                        504021.98
3634075.90        1.02293
         504071.98    3634075.90        1.08866                        504121.98
3634075.90        1.15112
         504171.98    3634075.90        1.21022                        504221.98
3634075.90        1.25112
         504271.98    3634075.90        1.26374                        504321.98
3634075.90        1.27599
         504371.98    3634075.90        1.31507                        504421.98
3634075.90        1.31932
         504471.98    3634075.90        1.31084                        504521.98
3634075.90        1.28108
         504571.98    3634075.90        1.20501                        504621.98
3634075.90        1.05234
         504671.98    3634075.90        0.94940                        504721.98
3634075.90        0.88749
         502721.98    3634125.90        0.43659                        502771.98
3634125.90        0.44130
         502821.98    3634125.90        0.45431                        502871.98
3634125.90        0.47175
         502921.98    3634125.90        0.48421                        502971.98
3634125.90        0.49784
         503021.98    3634125.90        0.51584                        503071.98
3634125.90        0.52977
         503121.98    3634125.90        0.54415                        503171.98
3634125.90        0.55829
         503221.98    3634125.90        0.56407                        503271.98
3634125.90        0.57714
         503921.98    3634125.90        1.06792                        503971.98
3634125.90        1.17480
         504021.98    3634125.90        1.25821                        504071.98
3634125.90        1.33933
         504121.98    3634125.90        1.40410                        504171.98
3634125.90        1.44298
         504221.98    3634125.90        1.44176                        504271.98
3634125.90        1.42063
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 1.39495 | 504371.98 | 3634125.90 | 1.37763 |
| 504421.98 | 3634125.90 | 1.37967 | 504471.98 | 3634125.90 | 1.40285 |
| 504521.98 | 3634125.90 | 1.31986 | 504571.98 | 3634125.90 | 1.17571 |
| 504621.98 | 3634125.90 | 1.00584 | 504671.98 | 3634125.90 | 0.93277 |
| 504721.98 | 3634125.90 | 0.84383 | 502721.98 | 3634175.90 | 0.45330 |
| 502771.98 | 3634175.90 | 0.46692 | 502821.98 | 3634175.90 | 0.48450 |
| 502871.98 | 3634175.90 | 0.50342 | 502921.98 | 3634175.90 | 0.51849 |
| 502971.98 | 3634175.90 | 0.53542 | 503021.98 | 3634175.90 | 0.55704 |
| 503071.98 | 3634175.90 | 0.57298 | 503121.98 | 3634175.90 | 0.58978 |
| 503171.98 | 3634175.90 | 0.60340 | 503221.98 | 3634175.90 | 0.61311 |
| 503271.98 | 3634175.90 | 0.62744 | 503971.98 | 3634175.90 | 1.52937 |
| 504021.98 | 3634175.90 | 1.64628 | 504071.98 | 3634175.90 | 1.72467 |
| 504121.98 | 3634175.90 | 1.75705 | 504171.98 | 3634175.90 | 1.72804 |
| 504221.98 | 3634175.90 | 1.65701 | 504271.98 | 3634175.90 | 1.56077 |
| 504321.98 | 3634175.90 | 1.46756 | 504371.98 | 3634175.90 | 1.50965 |
| 504421.98 | 3634175.90 | 1.57123 | 504471.98 | | |

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3634175.90        1.44487
         504521.98    3634175.90        1.30893                    504571.98
3634175.90        1.08722
         504621.98    3634175.90        0.91064                    504671.98
3634175.90        0.81153
         504721.98    3634175.90        0.69820                    502721.98
3634225.90        0.47991
         502771.98    3634225.90        0.50021                    502821.98
3634225.90        0.52249
         502871.98    3634225.90        0.54301                    502921.98
3634225.90        0.56024
         502971.98    3634225.90        0.58069                    503021.98
3634225.90        0.60664
         503071.98    3634225.90        0.62794                    503121.98
3634225.90        0.65061
         503171.98    3634225.90        0.67039                    503221.98
3634225.90        0.69047
         503271.98    3634225.90        0.71187                    504071.98
3634225.90        2.27893
         504121.98    3634225.90        2.18384                    504171.98
3634225.90        2.03012
         504221.98    3634225.90        1.85047                    504271.98
3634225.90        1.68271
         504321.98    3634225.90        1.53585                    504371.98
3634225.90        1.57827
         504421.98    3634225.90        1.58296                    504471.98
3634225.90        1.42636
         504521.98    3634225.90        1.27403                    504571.98
3634225.90        1.07521
         504621.98    3634225.90        0.88585                    504671.98
3634225.90        0.73585
         504721.98    3634225.90        0.61968                    502721.98
3634275.90        0.51352
         502771.98    3634275.90        0.53376                    502821.98
3634275.90        0.56051
         502871.98    3634275.90        0.59518                    502921.98
3634275.90        0.61335
         502971.98    3634275.90        0.63703                    503021.98
3634275.90        0.67047
         503071.98    3634275.90        0.70089                    503121.98
3634275.90        0.73045
         503171.98    3634275.90        0.76446                    503221.98
3634275.90        0.79674
         503271.98    3634275.90        0.83625                    504121.98
3634275.90        2.59421
         504171.98    3634275.90        2.27406                    504221.98
3634275.90        2.00389
         504271.98    3634275.90        1.76433                    504321.98
3634275.90        1.58550
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                          *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                          INCLUDING SOURCE(S):     FIRE        ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3634325.90 0.68491
504721.98 3634325.90 0.62879 502721.98
3634375.90 0.55785
502771.98 3634375.90 0.59113 502821.98
3634375.90 0.62348
503021.98 3634375.90 0.81917 503071.98
3634375.90 0.88794
503121.98 3634375.90 0.95066 503171.98
3634375.90 1.01936
503221.98 3634375.90 1.10229 503271.98
3634375.90 1.19538
504221.98 3634375.90 2.30000 504271.98
3634375.90 1.96561
504321.98 3634375.90 1.70600 504371.98
3634375.90 1.57082
504421.98 3634375.90 1.58323 504471.98
3634375.90 1.43036
504521.98 3634375.90 1.21195 504571.98
3634375.90 1.01120
504621.98 3634375.90 0.85421 504671.98
3634375.90 0.73966
504721.98 3634375.90 0.66440 502721.98
3634425.90 0.59540
502771.98 3634425.90 0.62891 502821.98
3634425.90 0.66597
504271.98 3634425.90 2.14067 504321.98
3634425.90 1.83958
504371.98 3634425.90 1.64192 504421.98
3634425.90 1.59877
504471.98 3634425.90 1.49443 504521.98
3634425.90 1.28143
504571.98 3634425.90 1.12206 504621.98
3634425.90 0.99578
504671.98 3634425.90 0.86647 504721.98
3634425.90 0.74536
502721.98 3634475.90 0.64521 502771.98
3634475.90 0.69266
502821.98 3634475.90 0.74302 504321.98
3634475.90 1.95664
504371.98 3634475.90 1.69608 504421.98
3634475.90 1.51901
504471.98 3634475.90 1.45675 504521.98
3634475.90 1.36593
504571.98 3634475.90 1.24599 504621.98
3634475.90 1.13571
504671.98 3634475.90 1.00057 504721.98
3634475.90 0.84816
502721.98 3634525.90 0.68557 502771.98
3634525.90 0.72741
504371.98 3634525.90 1.73999 504421.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE     ***
                                   INCLUDING SOURCE(S):     FIRE        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)        Y-COORD (M)        CONC
 - - -

3634625.90 1.02944
504671.98 3634625.90 0.95580 504721.98
3634625.90 0.89412
502721.98 3634675.90 0.70698 502771.98
3634675.90 0.75140
502821.98 3634675.90 0.80770 502871.98
3634675.90 0.86250
502921.98 3634675.90 0.92039 502971.98
3634675.90 0.98761
503021.98 3634675.90 1.05371 503071.98
3634675.90 1.12903
503121.98 3634675.90 1.21850 503171.98
3634675.90 1.31018
503221.98 3634675.90 1.39628 503271.98
3634675.90 1.46571
503321.98 3634675.90 1.55591 503371.98
3634675.90 1.65593
503421.98 3634675.90 1.77232 503471.98
3634675.90 1.92016
503521.98 3634675.90 2.05876 504521.98
3634675.90 1.19374
504571.98 3634675.90 1.10140 504621.98
3634675.90 1.01288
504671.98 3634675.90 0.94436 504721.98
3634675.90 0.88262
502721.98 3634725.90 0.69664 502771.98
3634725.90 0.73601
502821.98 3634725.90 0.78109 502871.98
3634725.90 0.83666
502921.98 3634725.90 0.88899 502971.98
3634725.90 0.94205
503021.98 3634725.90 1.00156 503071.98
3634725.90 1.05734
503121.98 3634725.90 1.12800 503171.98
3634725.90 1.20276
503221.98 3634725.90 1.26931 503271.98
3634725.90 1.32983
503321.98 3634725.90 1.40996 503371.98
3634725.90 1.50806
503421.98 3634725.90 1.62264 503471.98
3634725.90 1.75574
503521.98 3634725.90 1.93506 503571.98
3634725.90 2.15543
503621.98 3634725.90 2.39917 504571.98
3634725.90 1.06587
504621.98 3634725.90 0.98647 504671.98
3634725.90 0.92198
504721.98 3634725.90 0.86345 502721.98
3634775.90 0.67773
502771.98 3634775.90 0.70929 502821.98

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502971.98    3634775.90        0.88359                      503021.98
3634775.90        0.93794
         503071.98    3634775.90        0.98325                      503121.98
3634775.90        1.03891
         503171.98    3634775.90        1.09735                      503221.98
3634775.90        1.14532
         503271.98    3634775.90        1.20841                      503321.98
3634775.90        1.28881
         503371.98    3634775.90        1.38035                      503421.98
3634775.90        1.50531
         503471.98    3634775.90        1.64630                      503521.98
3634775.90        1.82323
         503571.98    3634775.90        2.02854                      503621.98
3634775.90        2.26441
         503671.98    3634775.90        2.52953                      503721.98
3634775.90        2.83744
         503771.98    3634775.90        3.15065                      503821.98
3634775.90        3.26685
         504621.98    3634775.90        0.95950                      504671.98
3634775.90        0.89415
         504721.98    3634775.90        0.84144                      502721.98
3634825.90        0.65082
         502771.98    3634825.90        0.68457                      502821.98
3634825.90        0.71640
         502871.98    3634825.90        0.75162                      502921.98

3634825.90 0.79122
502971.98 3634825.90 0.82888 503021.98
3634825.90 0.86904
503071.98 3634825.90 0.90750 503121.98
3634825.90 0.95601
503171.98 3634825.90 0.99651 503221.98
3634825.90 1.05202
503271.98 3634825.90 1.12096 503321.98
3634825.90 1.20281
503371.98 3634825.90 1.30932 503421.98
3634825.90 1.41901
503471.98 3634825.90 1.55250 503521.98
3634825.90 1.71473
503571.98 3634825.90 1.90232 503621.98
3634825.90 2.10073
503671.98 3634825.90 2.31063 503721.98
3634825.90 2.56016
503771.98 3634825.90 2.79513 503821.98
3634825.90 2.91259
503871.98 3634825.90 2.88553 503921.98
3634825.90 2.84831
504671.98 3634825.90 0.87015 504721.98
3634825.90 0.81679
502721.98 3634875.90 0.61885 502771.98
3634875.90 0.64710
502821.98 3634875.90 0.67646 502871.98
3634875.90 0.70167
502921.98 3634875.90 0.73822 502971.98
3634875.90 0.77315
503021.98 3634875.90 0.80882 503071.98
3634875.90 0.84530
503121.98 3634875.90 0.88687 503171.98
3634875.90 0.92423
503221.98 3634875.90 0.98387 503271.98
3634875.90 1.06144
503321.98 3634875.90 1.13807 503371.98
3634875.90 1.23431
503421.98 3634875.90 1.34077 503471.98
3634875.90 1.46585
503521.98 3634875.90 1.61182 503571.98
3634875.90 1.77237
503621.98 3634875.90 1.93631 503671.98
3634875.90 2.11354
503721.98 3634875.90 2.30597 503771.98
3634875.90 2.48614
503821.98 3634875.90 2.57446 503871.98
3634875.90 2.53652
503921.98 3634875.90 2.48714 504721.98
3634875.90 0.79606
502721.98 3634925.90 0.58886 502771.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 0.75422 | 503071.98 | 3634925.90 | 0.78927 |
| 503121.98 | 3634925.90 | 0.83180 | 503171.98 | 3634925.90 | 0.87968 |
| 503221.98 | 3634925.90 | 0.93866 | 503271.98 | 3634925.90 | 1.00317 |
| 503321.98 | 3634925.90 | 1.07922 | 503371.98 | 3634925.90 | 1.16746 |
| 503421.98 | 3634925.90 | 1.26867 | 503471.98 | 3634925.90 | 1.38304 |
| 503521.98 | 3634925.90 | 1.51231 | 503571.98 | 3634925.90 | 1.64555 |
| 503621.98 | 3634925.90 | 1.78443 | 503671.98 | 3634925.90 | 1.92447 |
| 503721.98 | 3634925.90 | 2.08991 | 503771.98 | 3634925.90 | 2.21661 |
| 503821.98 | 3634925.90 | 2.26533 | 503871.98 | 3634925.90 | 2.23036 |
| 502721.98 | 3634975.90 | 0.56043 | 502771.98 | 3634975.90 | 0.57632 |
| 502821.98 | 3634975.90 | 0.59859 | 502871.98 | 3634975.90 | 0.62340 |
| 502921.98 | 3634975.90 | 0.65269 | 502971.98 | | |

3634975.90 0.67225
503021.98 3634975.90 0.70540 503071.98
3634975.90 0.74512
503121.98 3634975.90 0.78777 503171.98
3634975.90 0.82349
503221.98 3634975.90 0.87743 503271.98
3634975.90 0.95024
503321.98 3634975.90 1.02666 503371.98
3634975.90 1.11281
503421.98 3634975.90 1.19947 503471.98
3634975.90 1.30702
503521.98 3634975.90 1.41078 503571.98
3634975.90 1.52638
503621.98 3634975.90 1.64187 503671.98
3634975.90 1.76784
503721.98 3634975.90 1.88641 503771.98
3634975.90 1.97051
503821.98 3634975.90 2.00361 503871.98
3634975.90 1.93985
502721.98 3635025.90 0.53387 502771.98
3635025.90 0.55330
502821.98 3635025.90 0.57302 502871.98
3635025.90 0.59474
502921.98 3635025.90 0.61604 502971.98
3635025.90 0.64199
503021.98 3635025.90 0.67388 503071.98
3635025.90 0.71009
503121.98 3635025.90 0.74936 503171.98
3635025.90 0.79193
503221.98 3635025.90 0.84893 503271.98
3635025.90 0.91181
503321.98 3635025.90 0.97849 503371.98
3635025.90 1.05378
503421.98 3635025.90 1.13324 503471.98
3635025.90 1.22443
503521.98 3635025.90 1.31757 503571.98
3635025.90 1.40935
503621.98 3635025.90 1.49987 503671.98
3635025.90 1.60728
503721.98 3635025.90 1.69877 503771.98
3635025.90 1.77381
503821.98 3635025.90 1.77887 504371.98
3635025.90 1.16223
502721.98 3635075.90 0.51418 502771.98
3635075.90 0.53015
502821.98 3635075.90 0.54749 502871.98
3635075.90 0.56632
502921.98 3635075.90 0.58908 502971.98
3635075.90 0.61545
503021.98 3635075.90 0.64398 503071.98

3635075.90        0.67776
         503121.98    3635075.90        0.71714                       503171.98
3635075.90        0.76029
         503221.98    3635075.90        0.81267                       503271.98
3635075.90        0.86694
         503321.98    3635075.90        0.92778                       503371.98
3635075.90        0.99578


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635125.90 0.68477
503171.98 3635125.90 0.72819 503221.98
3635125.90 0.76840
503271.98 3635125.90 0.82161 503321.98
3635125.90 0.87502
503371.98 3635125.90 0.93641 503421.98
3635125.90 1.00891
503471.98 3635125.90 1.07184 503521.98
3635125.90 1.13554
503571.98 3635125.90 1.18989 503621.98
3635125.90 1.26212
503671.98 3635125.90 1.33509 503721.98
3635125.90 1.39841
503771.98 3635125.90 1.43648 503821.98
3635125.90 1.42778
504371.98 3635125.90 1.04842 504421.98
3635125.90 0.97319
504471.98 3635125.90 0.91843 504521.98
3635125.90 0.87073
504571.98 3635125.90 0.83382 502721.98
3635175.90 0.47393
502771.98 3635175.90 0.48234 502821.98
3635175.90 0.49614
502871.98 3635175.90 0.51289 502921.98
3635175.90 0.54305
502971.98 3635175.90 0.56743 503021.98
3635175.90 0.59001
503071.98 3635175.90 0.61943 503121.98
3635175.90 0.65626
503171.98 3635175.90 0.69504 503221.98
3635175.90 0.73170
503271.98 3635175.90 0.77966 503321.98
3635175.90 0.82726
503371.98 3635175.90 0.88494 503421.98
3635175.90 0.95192
503471.98 3635175.90 0.99285 503521.98
3635175.90 1.04666
503571.98 3635175.90 1.09382 503621.98
3635175.90 1.16026
503671.98 3635175.90 1.21787 503721.98
3635175.90 1.26723
503771.98 3635175.90 1.28298 503821.98
3635175.90 1.28794
504371.98 3635175.90 0.99467 504421.98
3635175.90 0.93259
504471.98 3635175.90 0.88243 504521.98
3635175.90 0.83573
504571.98 3635175.90 0.78883 504621.98
3635175.90 0.77577
502721.98 3635225.90 0.45587 502771.98

3635225.90  0.46897
 502821.98  3635225.90  0.48309  502871.98
3635225.90  0.49822
 502921.98  3635225.90  0.51724  502971.98
3635225.90  0.54097
 503021.98  3635225.90  0.56656  503071.98
3635225.90  0.59564
 503121.98  3635225.90  0.63065  503171.98
3635225.90  0.66778

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 0.70674 | 503271.98 | 3635225.90 | 0.74956 |
| 503321.98 | 3635225.90 | 0.79674 | 503371.98 | 3635225.90 | 0.84647 |
| 503421.98 | 3635225.90 | 0.89568 | 503471.98 | 3635225.90 | 0.93761 |
| 503521.98 | 3635225.90 | 0.96912 | 503571.98 | 3635225.90 | 1.00893 |
| 503621.98 | 3635225.90 | 1.05482 | 503671.98 | 3635225.90 | 1.10808 |
| 504371.98 | 3635225.90 | 0.95023 | 504421.98 | 3635225.90 | 0.89950 |
| 504471.98 | 3635225.90 | 0.85286 | 504521.98 | 3635225.90 | 0.80899 |
| 504571.98 | 3635225.90 | 0.76225 | 504621.98 | 3635225.90 | 0.72939 |
| 502721.98 | 3635275.90 | 0.43642 | 502771.98 | 3635275.90 | 0.44568 |
| 502821.98 | 3635275.90 | 0.45930 | 502871.98 | | |

3635275.90 0.47756
502921.98 3635275.90 0.49424 502971.98
3635275.90 0.51711
503021.98 3635275.90 0.53805 503071.98
3635275.90 0.56397
503121.98 3635275.90 0.59195 503171.98
3635275.90 0.62343
503221.98 3635275.90 0.67352 503271.98
3635275.90 0.71222
503321.98 3635275.90 0.75639 503371.98
3635275.90 0.79415
503421.98 3635275.90 0.83862 503471.98
3635275.90 0.87548
503521.98 3635275.90 0.91933 503571.98
3635275.90 0.94243
503621.98 3635275.90 0.97999 504371.98
3635275.90 0.88918
504421.98 3635275.90 0.84800 504471.98
3635275.90 0.81137
504521.98 3635275.90 0.77684 504571.98
3635275.90 0.74141
504621.98 3635275.90 0.70606 504671.98
3635275.90 0.68451
502721.98 3635325.90 0.42068 502771.98
3635325.90 0.43109
502821.98 3635325.90 0.44464 502871.98
3635325.90 0.46083
502921.98 3635325.90 0.47765 502971.98
3635325.90 0.49850
503021.98 3635325.90 0.51855 503071.98
3635325.90 0.54194
503121.98 3635325.90 0.56713 503171.98
3635325.90 0.59600
503221.98 3635325.90 0.64175 503271.98
3635325.90 0.67558
503321.98 3635325.90 0.71225 503371.98
3635325.90 0.74403
503421.98 3635325.90 0.77720 503471.98
3635325.90 0.81324
503521.98 3635325.90 0.85431 503571.98
3635325.90 0.88167
503621.98 3635325.90 0.91027 504371.98
3635325.90 0.84351
504421.98 3635325.90 0.81187 504471.98
3635325.90 0.78066
504521.98 3635325.90 0.75063 504571.98
3635325.90 0.72179
504621.98 3635325.90 0.68682 504671.98
3635325.90 0.65467
504721.98 3635325.90 0.64298 502721.98

3635375.90        0.40550
         502771.98    3635375.90        0.40841                       502821.98
3635375.90        0.42102
         502871.98    3635375.90        0.43553                       502921.98
3635375.90        0.45322
         502971.98    3635375.90        0.48045                       503021.98
3635375.90        0.49296
         503071.98    3635375.90        0.51063                       503121.98
3635375.90        0.54324
         503171.98    3635375.90        0.57166                       503221.98
3635375.90        0.61263

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635375.90 0.61599
502721.98 3635425.90 0.39147 502771.98
3635425.90 0.39732
502821.98 3635425.90 0.40918 502871.98
3635425.90 0.42285
502921.98 3635425.90 0.43794 502971.98
3635425.90 0.45529
503021.98 3635425.90 0.47296 503071.98
3635425.90 0.49286
503121.98 3635425.90 0.52539 503171.98
3635425.90 0.54994
503221.98 3635425.90 0.57832 503271.98
3635425.90 0.59937
503321.98 3635425.90 0.62692 503371.98
3635425.90 0.65368
503421.98 3635425.90 0.68080 503471.98
3635425.90 0.70617
503521.98 3635425.90 0.73373 503571.98
3635425.90 0.76149
503621.98 3635425.90 0.79374 503671.98
3635425.90 0.81273
503721.98 3635425.90 0.82770 503771.98
3635425.90 0.83873
503821.98 3635425.90 0.84181 504371.98
3635425.90 0.77225
504421.98 3635425.90 0.74328 504471.98
3635425.90 0.72000
504521.98 3635425.90 0.69979 504571.98
3635425.90 0.67682
504621.98 3635425.90 0.64888 504671.98
3635425.90 0.62422
504721.98 3635425.90 0.60113 502721.98
3635475.90 0.37817
502771.98 3635475.90 0.38779 502821.98
3635475.90 0.39962
502871.98 3635475.90 0.41259 502921.98
3635475.90 0.42763
502971.98 3635475.90 0.44206 503021.98
3635475.90 0.45881
503071.98 3635475.90 0.47967 503121.98
3635475.90 0.50901
503171.98 3635475.90 0.53076 503221.98
3635475.90 0.55134
503271.98 3635475.90 0.57178 503321.98
3635475.90 0.59322
503371.98 3635475.90 0.61823 503421.98
3635475.90 0.64214
503471.98 3635475.90 0.66511 503521.98
3635475.90 0.68856
503571.98 3635475.90 0.71300 503621.98

3635475.90        0.74233
         503671.98    3635475.90        0.76176                      503721.98
3635475.90        0.77787
         503771.98    3635475.90        0.78214                      503821.98
3635475.90        0.78318
         503871.98    3635475.90        0.78039                      503921.98
3635475.90        0.78341
         504371.98    3635475.90        0.74626                      504421.98
3635475.90        0.72123
         504471.98    3635475.90        0.69595                      504521.98
3635475.90        0.67832
         504571.98    3635475.90        0.65360                      504621.98
3635475.90        0.63063

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE     ***
                                   INCLUDING SOURCE(S):     FIRE        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)        Y-COORD (M)        CONC
 - - -

3632975.90 0.20404
502921.98 3632975.90 0.20749 502971.98
3632975.90 0.20307
503021.98 3632975.90 0.20657 503071.98
3632975.90 0.21342
503121.98 3632975.90 0.21916 503171.98
3632975.90 0.22582
503221.98 3632975.90 0.23096 503271.98
3632975.90 0.23430
503321.98 3632975.90 0.23703 503371.98
3632975.90 0.24044
503421.98 3632975.90 0.24252 503471.98
3632975.90 0.24616
503621.98 3632975.90 0.25950 503671.98
3632975.90 0.26413
503721.98 3632975.90 0.26791 503771.98
3632975.90 0.26941
503821.98 3632975.90 0.25868 503871.98
3632975.90 0.23984
503921.98 3632975.90 0.23060 503971.98
3632975.90 0.22848
504021.98 3632975.90 0.22238 504071.98
3632975.90 0.22390
504121.98 3632975.90 0.21459 504171.98
3632975.90 0.21566
504221.98 3632975.90 0.21490 504271.98
3632975.90 0.21632
504321.98 3632975.90 0.21661 504371.98
3632975.90 0.20982
504421.98 3632975.90 0.20712 504471.98
3632975.90 0.20655
504521.98 3632975.90 0.20805 504571.98
3632975.90 0.20713
504621.98 3632975.90 0.20456 504671.98
3632975.90 0.20330
504721.98 3632975.90 0.20359 504771.98
3632975.90 0.20341
504821.98 3632975.90 0.19919 504871.98
3632975.90 0.19665
504921.98 3632975.90 0.19700 504971.98
3632975.90 0.19708
505021.98 3632975.90 0.19517 505071.98
3632975.90 0.19578
505121.98 3632975.90 0.20089 505171.98
3632975.90 0.20816
505221.98 3632975.90 0.21401 502221.98
3633025.90 0.17798
502271.98 3633025.90 0.18364 502321.98
3633025.90 0.18688
502371.98 3633025.90 0.19119 502421.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 0.23366 | 503221.98 | 3633025.90 | 0.23933 |
| 503271.98 | 3633025.90 | 0.24211 | 503321.98 | 3633025.90 | 0.24550 |
| 503371.98 | 3633025.90 | 0.24769 | 503421.98 | 3633025.90 | 0.24896 |
| 503471.98 | 3633025.90 | 0.25354 | 503621.98 | 3633025.90 | 0.26835 |
| 503671.98 | 3633025.90 | 0.27351 | 503721.98 | 3633025.90 | 0.27811 |
| 503771.98 | 3633025.90 | 0.27579 | 503821.98 | 3633025.90 | 0.26066 |
| 503871.98 | 3633025.90 | 0.24324 | 503921.98 | | |

3633025.90 0.23423
503971.98 3633025.90 0.23031 504021.98
3633025.90 0.22651
504071.98 3633025.90 0.22215 504121.98
3633025.90 0.21929
504171.98 3633025.90 0.21940 504221.98
3633025.90 0.22182
504271.98 3633025.90 0.22278 504321.98
3633025.90 0.22281
504371.98 3633025.90 0.21628 504421.98
3633025.90 0.21312
504471.98 3633025.90 0.21266 504521.98
3633025.90 0.20916
504571.98 3633025.90 0.20615 504621.98
3633025.90 0.20438
504671.98 3633025.90 0.20443 504721.98
3633025.90 0.20546
504771.98 3633025.90 0.20692 504821.98
3633025.90 0.20545
504871.98 3633025.90 0.20841 504921.98
3633025.90 0.21032
504971.98 3633025.90 0.20905 505021.98
3633025.90 0.20468
505071.98 3633025.90 0.20441 505121.98
3633025.90 0.20976
505171.98 3633025.90 0.21765 505221.98
3633025.90 0.22641
502221.98 3633075.90 0.18154 502271.98
3633075.90 0.18698
502321.98 3633075.90 0.19087 502371.98
3633075.90 0.19499
502421.98 3633075.90 0.19942 502471.98
3633075.90 0.20290
502521.98 3633075.90 0.20763 502571.98
3633075.90 0.21322
502621.98 3633075.90 0.21869 502671.98
3633075.90 0.22342
502721.98 3633075.90 0.22489 502771.98
3633075.90 0.22637
502821.98 3633075.90 0.22027 502871.98
3633075.90 0.22020
502921.98 3633075.90 0.22092 502971.98
3633075.90 0.21995
503021.98 3633075.90 0.22522 503071.98
3633075.90 0.22991
503121.98 3633075.90 0.23639 503171.98
3633075.90 0.24188
503221.98 3633075.90 0.24838 503271.98
3633075.90 0.25016
503321.98 3633075.90 0.25258 503371.98

3633075.90 0.22089
504921.98 3633075.90 0.22680 504971.98
3633075.90 0.22243
505021.98 3633075.90 0.21675 505071.98
3633075.90 0.21460
505121.98 3633075.90 0.21858 505171.98
3633075.90 0.22706
505221.98 3633075.90 0.23524 502221.98
3633125.90 0.18602
502271.98 3633125.90 0.19034 502321.98
3633125.90 0.19437
502371.98 3633125.90 0.19850 502421.98
3633125.90 0.20311
502471.98 3633125.90 0.20718 502521.98
3633125.90 0.21191
502571.98 3633125.90 0.21698 502621.98
3633125.90 0.22230
502671.98 3633125.90 0.22861 502721.98
3633125.90 0.23354
502771.98 3633125.90 0.23072 502821.98
3633125.90 0.23181
502871.98 3633125.90 0.22876 502921.98
3633125.90 0.23070
502971.98 3633125.90 0.23113 503021.98
3633125.90 0.23361
503071.98 3633125.90 0.23927 503121.98
3633125.90 0.24493
503171.98 3633125.90 0.25102 503221.98
3633125.90 0.25619
503271.98 3633125.90 0.25884 503321.98
3633125.90 0.26220
503371.98 3633125.90 0.26285 503421.98
3633125.90 0.26447
503471.98 3633125.90 0.26940 503621.98
3633125.90 0.28810
503671.98 3633125.90 0.29399 503721.98
3633125.90 0.29850
503771.98 3633125.90 0.28733 503821.98
3633125.90 0.26851
503871.98 3633125.90 0.25184 503921.98
3633125.90 0.24998
503971.98 3633125.90 0.25135 504021.98
3633125.90 0.23895
504071.98 3633125.90 0.23912 504121.98
3633125.90 0.24115
504171.98 3633125.90 0.24217 504221.98
3633125.90 0.24308
504271.98 3633125.90 0.24511 504321.98
3633125.90 0.24402
504371.98 3633125.90 0.24063 504421.98

3633125.90        0.23830
         504471.98    3633125.90        0.22847                        504521.98
3633125.90        0.21915
         504571.98    3633125.90        0.21331                        504621.98
3633125.90        0.21313
         504671.98    3633125.90        0.21591                        504721.98
3633125.90        0.21784
         504771.98    3633125.90        0.22169                        504821.98
3633125.90        0.22609
         504871.98    3633125.90        0.23468                        504921.98
3633125.90        0.24588
         504971.98    3633125.90        0.24029                        505021.98
3633125.90        0.23053
         505071.98    3633125.90        0.22309                        505121.98
3633125.90        0.22727
         505171.98    3633125.90        0.23566                        505221.98
3633125.90        0.24550
         502221.98    3633175.90        0.18948                        502271.98
3633175.90        0.19324

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3633175.90 0.22913
502821.98 3633175.90 0.23039 502871.98
3633175.90 0.23815
502921.98 3633175.90 0.23948 502971.98
3633175.90 0.24350
503021.98 3633175.90 0.24560 503071.98
3633175.90 0.25091
503121.98 3633175.90 0.25432 503171.98
3633175.90 0.26103
503221.98 3633175.90 0.26310 503271.98
3633175.90 0.26580
503321.98 3633175.90 0.26965 503371.98
3633175.90 0.27042
503421.98 3633175.90 0.27292 503471.98
3633175.90 0.27777
503621.98 3633175.90 0.29929 503671.98
3633175.90 0.30539
503721.98 3633175.90 0.30657 503771.98
3633175.90 0.29049
503821.98 3633175.90 0.27195 503871.98
3633175.90 0.25855
503921.98 3633175.90 0.26180 503971.98
3633175.90 0.26299
504021.98 3633175.90 0.24957 504071.98
3633175.90 0.25182
504121.98 3633175.90 0.25773 504171.98
3633175.90 0.26472
504221.98 3633175.90 0.26322 504271.98
3633175.90 0.26177
504321.98 3633175.90 0.25993 504371.98
3633175.90 0.26498
504421.98 3633175.90 0.25502 504471.98
3633175.90 0.24101
504521.98 3633175.90 0.22888 504571.98
3633175.90 0.22291
504621.98 3633175.90 0.22661 504671.98
3633175.90 0.23247
504721.98 3633175.90 0.23466 504771.98
3633175.90 0.23729
504821.98 3633175.90 0.24016 504871.98
3633175.90 0.24992
504921.98 3633175.90 0.26425 504971.98
3633175.90 0.25296
505021.98 3633175.90 0.23962 505071.98
3633175.90 0.23410
505121.98 3633175.90 0.23771 505171.98
3633175.90 0.24462
505221.98 3633175.90 0.25268 502221.98
3633225.90 0.19345
502271.98 3633225.90 0.19784 502321.98

3633225.90        0.20183
         502371.98    3633225.90        0.20783                       502421.98
3633225.90        0.21284
         502471.98    3633225.90        0.21624                       502521.98
3633225.90        0.22181
         502571.98    3633225.90        0.22720                       502621.98
3633225.90        0.23353
         502671.98    3633225.90        0.23776                       502721.98
3633225.90        0.23278
         502771.98    3633225.90        0.23703                       502821.98
3633225.90        0.23804
         502871.98    3633225.90        0.24208                       502921.98
3633225.90        0.24766
         502971.98    3633225.90        0.25304                       503021.98
3633225.90        0.25622
         503071.98    3633225.90        0.26138                       503121.98
3633225.90        0.26716
         503171.98    3633225.90        0.26990                       503221.98
3633225.90        0.27169
         503271.98    3633225.90        0.27438                       503321.98
3633225.90        0.27661

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503371.98    3633225.90        0.27763                       503421.98
3633225.90        0.28160
         503471.98    3633225.90        0.28681                       503621.98
3633225.90        0.31100
         503671.98    3633225.90        0.31727                       503721.98
3633225.90        0.31509
         503771.98    3633225.90        0.30156                       503821.98

3633225.90 0.27826
503871.98 3633225.90 0.27224 503921.98
3633225.90 0.27285
503971.98 3633225.90 0.27616 504021.98
3633225.90 0.27364
504071.98 3633225.90 0.27748 504121.98
3633225.90 0.28503
504171.98 3633225.90 0.28927 504221.98
3633225.90 0.27658
504271.98 3633225.90 0.27559 504321.98
3633225.90 0.28431
504371.98 3633225.90 0.28865 504421.98
3633225.90 0.27359
504471.98 3633225.90 0.25881 504521.98
3633225.90 0.24596
504571.98 3633225.90 0.24136 504621.98
3633225.90 0.24610
504671.98 3633225.90 0.25573 504721.98
3633225.90 0.25912
504771.98 3633225.90 0.25758 504821.98
3633225.90 0.26504
504871.98 3633225.90 0.26986 504921.98
3633225.90 0.28087
504971.98 3633225.90 0.26929 505021.98
3633225.90 0.25644
505071.98 3633225.90 0.25299 505121.98
3633225.90 0.25180
505171.98 3633225.90 0.25024 505221.98
3633225.90 0.25716
502221.98 3633275.90 0.19720 502271.98
3633275.90 0.20159
502321.98 3633275.90 0.20694 502371.98
3633275.90 0.21226
502421.98 3633275.90 0.21682 502471.98
3633275.90 0.22173
502521.98 3633275.90 0.22710 502571.98
3633275.90 0.23255
502621.98 3633275.90 0.23902 502671.98
3633275.90 0.24310
502721.98 3633275.90 0.24449 502771.98
3633275.90 0.24242
502821.98 3633275.90 0.23742 502871.98
3633275.90 0.24772
502921.98 3633275.90 0.25573 502971.98
3633275.90 0.26127
503021.98 3633275.90 0.26407 503071.98
3633275.90 0.27069
503121.98 3633275.90 0.27816 503171.98
3633275.90 0.28136
503221.98 3633275.90 0.28216 503271.98

3633275.90  0.28117
 503321.98  3633275.90  0.28476  503371.98
3633275.90  0.28650
 503421.98  3633275.90  0.29058  503471.98
3633275.90  0.30125
 503621.98  3633275.90  0.32329  503671.98
3633275.90  0.32896
 503721.98  3633275.90  0.32260  503771.98
3633275.90  0.30729
 503821.98  3633275.90  0.28472  503871.98
3633275.90  0.28453
 503921.98  3633275.90  0.29299  503971.98
3633275.90  0.31026
 504021.98  3633275.90  0.31048  504071.98
3633275.90  0.30770
 504121.98  3633275.90  0.31808  504171.98
3633275.90  0.31046
 504221.98  3633275.90  0.29783  504271.98
3633275.90  0.29775
 504321.98  3633275.90  0.31199  504371.98
3633275.90  0.32120
 504421.98  3633275.90  0.30294  504471.98
3633275.90  0.28359

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE  ***
INCLUDING SOURCE(S):  FIRE  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 0.26902 | 504571.98 | 3633275.90 | 0.26555 |
| 504621.98 | 3633275.90 | 0.27251 | 504671.98 | 3633275.90 | 0.28295 |
| 504721.98 | 3633275.90 | 0.28187 | 504771.98 | | |

3633275.90 0.26966
504821.98 3633275.90 0.27963 504871.98
3633275.90 0.29131
504921.98 3633275.90 0.30126 504971.98
3633275.90 0.29069
505021.98 3633275.90 0.27961 505071.98
3633275.90 0.27691
505121.98 3633275.90 0.27116 505171.98
3633275.90 0.26016
505221.98 3633275.90 0.26459 502221.98
3633325.90 0.20155
502271.98 3633325.90 0.20632 502321.98
3633325.90 0.21143
502371.98 3633325.90 0.21639 502421.98
3633325.90 0.22137
502471.98 3633325.90 0.22570 502521.98
3633325.90 0.23171
502571.98 3633325.90 0.23769 502621.98
3633325.90 0.24431
502671.98 3633325.90 0.24950 502721.98
3633325.90 0.25089
502771.98 3633325.90 0.24621 502821.98
3633325.90 0.24935
502871.98 3633325.90 0.26004 502921.98
3633325.90 0.26503
502971.98 3633325.90 0.26936 503021.98
3633325.90 0.27394
503071.98 3633325.90 0.28119 503121.98
3633325.90 0.28849
503171.98 3633325.90 0.29341 503221.98
3633325.90 0.29665
503271.98 3633325.90 0.28903 503321.98
3633325.90 0.29273
503371.98 3633325.90 0.29516 503421.98
3633325.90 0.30305
503471.98 3633325.90 0.31097 503621.98
3633325.90 0.33548
503671.98 3633325.90 0.33961 503721.98
3633325.90 0.32652
503771.98 3633325.90 0.31831 503821.98
3633325.90 0.30358
503871.98 3633325.90 0.30188 503921.98
3633325.90 0.32658
503971.98 3633325.90 0.35124 504021.98
3633325.90 0.34956
504071.98 3633325.90 0.34265 504121.98
3633325.90 0.35713
504171.98 3633325.90 0.33681 504221.98
3633325.90 0.32054
504271.98 3633325.90 0.32891 504321.98

3633325.90        0.35172
         504371.98    3633325.90        0.35879                        504421.98
3633325.90        0.33555
         504471.98    3633325.90        0.31210                        504521.98
3633325.90        0.29511
         504571.98    3633325.90        0.29434                        504621.98
3633325.90        0.30209
         504671.98    3633325.90        0.31299                        504721.98
3633325.90        0.30661
         504771.98    3633325.90        0.29110                        504821.98
3633325.90        0.29450
         504871.98    3633325.90        0.31602                        504921.98
3633325.90        0.32611
         504971.98    3633325.90        0.31562                        505021.98
3633325.90        0.30720
         505071.98    3633325.90        0.30405                        505121.98
3633325.90        0.28568
         505171.98    3633325.90        0.27287                        505221.98
3633325.90        0.27841
         502221.98    3633375.90        0.20679                        502271.98
3633375.90        0.21125
         502321.98    3633375.90        0.21581                        502371.98
3633375.90        0.22052
         502421.98    3633375.90        0.22564                        502471.98
3633375.90        0.23078


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3633375.90        0.23664                        502571.98
3633375.90        0.24284
         502621.98    3633375.90        0.24940                        502671.98

3633375.90 0.25567
502721.98 3633375.90 0.25811 502771.98
3633375.90 0.26032
502821.98 3633375.90 0.26381 502871.98
3633375.90 0.26976
502921.98 3633375.90 0.27416 502971.98
3633375.90 0.27908
503021.98 3633375.90 0.28394 503071.98
3633375.90 0.29154
503121.98 3633375.90 0.29867 503171.98
3633375.90 0.30469
503221.98 3633375.90 0.30719 503271.98
3633375.90 0.31113
503321.98 3633375.90 0.30754 503371.98
3633375.90 0.30477
503421.98 3633375.90 0.31798 503471.98
3633375.90 0.32603
503621.98 3633375.90 0.35169 503671.98
3633375.90 0.35654
503721.98 3633375.90 0.34869 503771.98
3633375.90 0.34587
503821.98 3633375.90 0.35027 503871.98
3633375.90 0.34375
503921.98 3633375.90 0.36716 503971.98
3633375.90 0.39197
504021.98 3633375.90 0.38806 504071.98
3633375.90 0.38087
504121.98 3633375.90 0.39752 504171.98
3633375.90 0.36509
504221.98 3633375.90 0.35923 504271.98
3633375.90 0.37803
504321.98 3633375.90 0.39998 504371.98
3633375.90 0.40376
504421.98 3633375.90 0.37119 504471.98
3633375.90 0.34059
504521.98 3633375.90 0.32143 504571.98
3633375.90 0.32621
504621.98 3633375.90 0.33546 504671.98
3633375.90 0.34886
504721.98 3633375.90 0.33355 504771.98
3633375.90 0.31535
504821.98 3633375.90 0.32178 504871.98
3633375.90 0.35186
504921.98 3633375.90 0.35460 504971.98
3633375.90 0.34661
505021.98 3633375.90 0.33660 505071.98
3633375.90 0.31725
505121.98 3633375.90 0.29647 505171.98
3633375.90 0.28672
505221.98 3633375.90 0.29541 502221.98

3633425.90        0.21079
         502271.98    3633425.90        0.21479                      502321.98
3633425.90        0.21881
         502371.98    3633425.90        0.22358                      502421.98
3633425.90        0.22916
         502471.98    3633425.90        0.23740                      502521.98
3633425.90        0.24284
         502571.98    3633425.90        0.24849                      502621.98
3633425.90        0.25506
         502671.98    3633425.90        0.26088                      502721.98
3633425.90        0.26749
         502771.98    3633425.90        0.27389                      502821.98
3633425.90        0.27855
         502871.98    3633425.90        0.28250                      502921.98
3633425.90        0.28424
         502971.98    3633425.90        0.28928                      503021.98
3633425.90        0.29639
         503071.98    3633425.90        0.30173                      503121.98
3633425.90        0.31192
         503171.98    3633425.90        0.31567                      503221.98
3633425.90        0.31895
         503271.98    3633425.90        0.32203                      503321.98
3633425.90        0.31692
         503371.98    3633425.90        0.31505                      503421.98
3633425.90        0.32842
         503471.98    3633425.90        0.33615                      503621.98
3633425.90        0.36479

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503671.98    3633425.90        0.37815                      503721.98

3633425.90 0.37745
503771.98 3633425.90 0.37646 503821.98
3633425.90 0.38343
503871.98 3633425.90 0.39057 503921.98
3633425.90 0.41456
503971.98 3633425.90 0.42763 504021.98
3633425.90 0.42640
504071.98 3633425.90 0.42468 504121.98
3633425.90 0.44144
504171.98 3633425.90 0.41793 504221.98
3633425.90 0.42441
504271.98 3633425.90 0.44553 504321.98
3633425.90 0.46439
504371.98 3633425.90 0.44397 504421.98
3633425.90 0.40867
504471.98 3633425.90 0.37626 504521.98
3633425.90 0.35370
504571.98 3633425.90 0.36196 504621.98
3633425.90 0.37855
504671.98 3633425.90 0.38513 504721.98
3633425.90 0.37811
504771.98 3633425.90 0.35983 504821.98
3633425.90 0.35266
504871.98 3633425.90 0.38836 504921.98
3633425.90 0.38163
504971.98 3633425.90 0.36711 505021.98
3633425.90 0.33591
505071.98 3633425.90 0.31649 505121.98
3633425.90 0.30492
505171.98 3633425.90 0.30199 505221.98
3633425.90 0.31395
502221.98 3633475.90 0.21550 502271.98
3633475.90 0.21936
502321.98 3633475.90 0.22371 502371.98
3633475.90 0.22870
502421.98 3633475.90 0.23447 502471.98
3633475.90 0.24370
502521.98 3633475.90 0.24742 502571.98
3633475.90 0.25305
502621.98 3633475.90 0.25996 502671.98
3633475.90 0.26581
504771.98 3633475.90 0.43373 504821.98
3633475.90 0.43304
504871.98 3633475.90 0.42699 504921.98
3633475.90 0.42122
504971.98 3633475.90 0.38777 505021.98
3633475.90 0.34648
505071.98 3633475.90 0.32819 505121.98
3633475.90 0.31911
505171.98 3633475.90 0.31522 505221.98

3633475.90        0.32485
         502221.98    3633525.90        0.22167                        502271.98
3633525.90        0.22549
         502321.98    3633525.90        0.22958                        502371.98
3633525.90        0.23570
         502421.98    3633525.90        0.24241                        502471.98
3633525.90        0.25043
         502521.98    3633525.90        0.25288                        502571.98
3633525.90        0.25589
         502621.98    3633525.90        0.26280                        502671.98
3633525.90        0.26933
         504771.98    3633525.90        0.46405                        504821.98
3633525.90        0.45192
         504871.98    3633525.90        0.44506                        504921.98
3633525.90        0.44075
         504971.98    3633525.90        0.43383                        505021.98
3633525.90        0.39123
         505071.98    3633525.90        0.35371                        505121.98
3633525.90        0.33254
         505171.98    3633525.90        0.32812                        505221.98
3633525.90        0.33345
         502221.98    3633575.90        0.23114                        502271.98
3633575.90        0.23139
         502321.98    3633575.90        0.23545                        502371.98
3633575.90        0.24207
         502421.98    3633575.90        0.24804                        502471.98
3633575.90        0.25275
         502521.98    3633575.90        0.25720                        502571.98
3633575.90        0.26226

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

- - - - - - - - - - - - - - - - - - - - - - - - - -
502621.98 3633575.90 0.26835 502671.98 3633575.90 0.27469
504771.98 3633575.90 0.48589 504821.98 3633575.90 0.47814
504871.98 3633575.90 0.47336 504921.98 3633575.90 0.45664
504971.98 3633575.90 0.46043 505021.98 3633575.90 0.43899
505071.98 3633575.90 0.38871 505121.98 3633575.90 0.35312
505171.98 3633575.90 0.34414 505221.98 3633575.90 0.35279
502221.98 3633625.90 0.24023 502271.98 3633625.90 0.23705
502321.98 3633625.90 0.24276 502371.98 3633625.90 0.24856
502421.98 3633625.90 0.25543 502471.98 3633625.90 0.25871
502521.98 3633625.90 0.26620 502571.98 3633625.90 0.27186
502621.98 3633625.90 0.27796 502671.98 3633625.90 0.28327
504771.98 3633625.90 0.50929 504821.98 3633625.90 0.53447
504871.98 3633625.90 0.50556 504921.98 3633625.90 0.49021
504971.98 3633625.90 0.49401 505021.98 3633625.90 0.47667
505071.98 3633625.90 0.41529 505121.98 3633625.90 0.37703
505171.98 3633625.90 0.36102 505221.98 3633625.90 0.37130
502221.98 3633675.90 0.24340 502271.98 3633675.90 0.24301
502321.98 3633675.90 0.24888 502371.98 3633675.90 0.25373
502421.98 3633675.90 0.26166 502471.98 3633675.90 0.26725
502521.98 3633675.90 0.27415 502571.98 3633675.90 0.27996
502621.98 3633675.90 0.28564 502671.98 3633675.90 0.29105
504771.98 3633675.90 0.57338 504821.98 3633675.90 0.57450
504871.98 3633675.90 0.56722 504921.98 3633675.90 0.55637
504971.98 3633675.90 0.54009 505021.98 3633675.90 0.51035
505071.98 3633675.90 0.43734 505121.98

3633675.90        0.38601
         505171.98    3633675.90        0.37167                        505221.98
3633675.90        0.38109
         502221.98    3633725.90        0.24835                        502271.98
3633725.90        0.24942
         502321.98    3633725.90        0.25643                        502371.98
3633725.90        0.26244
         502421.98    3633725.90        0.26892                        502471.98
3633725.90        0.27544
         502521.98    3633725.90        0.28215                        502571.98
3633725.90        0.28863
         502621.98    3633725.90        0.29483                        502671.98
3633725.90        0.30014
         504771.98    3633725.90        0.69147                        504821.98
3633725.90        0.64186
         504871.98    3633725.90        0.63240                        504921.98
3633725.90        0.60277
         504971.98    3633725.90        0.56770                        505021.98
3633725.90        0.51462
         505071.98    3633725.90        0.43296                        505121.98
3633725.90        0.38764
         505171.98    3633725.90        0.38441                        505221.98
3633725.90        0.38868
         502221.98    3633775.90        0.25518                        502271.98
3633775.90        0.25679
         502321.98    3633775.90        0.26668                        502371.98
3633775.90        0.27209
         502421.98    3633775.90        0.27957                        502471.98
3633775.90        0.28374
         502521.98    3633775.90        0.29106                        502571.98
3633775.90        0.29817

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)

Y-COORD (M)  CONC

- - - -

3633875.90        0.46502
         505071.98    3633875.90        0.44793                        505121.98
3633875.90        0.41631
         505171.98    3633875.90        0.41207                        505221.98
3633875.90        0.41308
         502221.98    3633925.90        0.28191                        502271.98
3633925.90        0.28695
         502321.98    3633925.90        0.29538                        502371.98
3633925.90        0.29947
         502421.98    3633925.90        0.30978                        502471.98
3633925.90        0.31533
         502521.98    3633925.90        0.32366                        502571.98
3633925.90        0.33227
         502621.98    3633925.90        0.34077                        502671.98
3633925.90        0.34709
         504771.98    3633925.90        0.88675                        504821.98
3633925.90        0.78042
         504871.98    3633925.90        0.67252                        504921.98
3633925.90        0.55445
         504971.98    3633925.90        0.48385                        505021.98
3633925.90        0.45898
         505071.98    3633925.90        0.44085                        505121.98
3633925.90        0.42688
         505171.98    3633925.90        0.42513                        505221.98
3633925.90        0.42219
         502221.98    3633975.90        0.29316                        502271.98
3633975.90        0.29531
         502321.98    3633975.90        0.30337                        502371.98
3633975.90        0.31295
         502421.98    3633975.90        0.32181                        502471.98
3633975.90        0.32936
         502521.98    3633975.90        0.33858                        502571.98
3633975.90        0.34635

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                            *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 0.35555 | 502671.98 | 3633975.90 | 0.36184 |
| 504771.98 | 3633975.90 | 0.86814 | 504821.98 | 3633975.90 | 0.78449 |
| 504871.98 | 3633975.90 | 0.70984 | 504921.98 | 3633975.90 | 0.59688 |
| 504971.98 | 3633975.90 | 0.48785 | 505021.98 | 3633975.90 | 0.44930 |
| 505071.98 | 3633975.90 | 0.42921 | 505121.98 | 3633975.90 | 0.43589 |
| 505171.98 | 3633975.90 | 0.43599 | 505221.98 | 3633975.90 | 0.42984 |
| 502221.98 | 3634025.90 | 0.30468 | 502271.98 | 3634025.90 | 0.30644 |
| 502321.98 | 3634025.90 | 0.31443 | 502371.98 | 3634025.90 | 0.32450 |
| 502421.98 | 3634025.90 | 0.33334 | 502471.98 | 3634025.90 | 0.34207 |
| 502521.98 | 3634025.90 | 0.35128 | 502571.98 | 3634025.90 | 0.36081 |
| 502621.98 | 3634025.90 | 0.37167 | 502671.98 | 3634025.90 | 0.38040 |
| 504771.98 | 3634025.90 | 0.83473 | 504821.98 | 3634025.90 | 0.79211 |
| 504871.98 | 3634025.90 | 0.67681 | 504921.98 | 3634025.90 | 0.56851 |
| 504971.98 | 3634025.90 | 0.47409 | 505021.98 | 3634025.90 | 0.44176 |
| 505071.98 | 3634025.90 | 0.42654 | 505121.98 | 3634025.90 | 0.43865 |
| 505171.98 | 3634025.90 | 0.44627 | 505221.98 | 3634025.90 | 0.43713 |
| 502221.98 | 3634075.90 | 0.31251 | 502271.98 | 3634075.90 | 0.31792 |
| 502321.98 | 3634075.90 | 0.32603 | 502371.98 | 3634075.90 | 0.33426 |
| 502421.98 | 3634075.90 | 0.34232 | 502471.98 | 3634075.90 | 0.35206 |
| 502521.98 | 3634075.90 | 0.36358 | 502571.98 | 3634075.90 | 0.37778 |
| 502621.98 | 3634075.90 | 0.38853 | 502671.98 | 3634075.90 | 0.40189 |
| 504771.98 | 3634075.90 | 0.83142 | 504821.98 | 3634075.90 | 0.75650 |
| 504871.98 | 3634075.90 | 0.61683 | 504921.98 | | |

```
3634075.90        0.53512
         504971.98    3634075.90        0.47227                        505021.98
3634075.90        0.44075
         505071.98    3634075.90        0.42975                        505121.98
3634075.90        0.43823
         505171.98    3634075.90        0.45156                        505221.98
3634075.90        0.44587
         502221.98    3634125.90        0.32032                        502271.98
3634125.90        0.33087
         502321.98    3634125.90        0.33865                        502371.98
3634125.90        0.34941
         502421.98    3634125.90        0.35853                        502471.98
3634125.90        0.36810
         502521.98    3634125.90        0.37806                        502571.98
3634125.90        0.38898
         502621.98    3634125.90        0.40643                        502671.98
3634125.90        0.42447
         504771.98    3634125.90        0.72762                        504821.98
3634125.90        0.66562
         504871.98    3634125.90        0.59301                        504921.98
3634125.90        0.50371
         504971.98    3634125.90        0.47225                        505021.98
3634125.90        0.44410
         505071.98    3634125.90        0.44019                        505121.98
3634125.90        0.45224
         505171.98    3634125.90        0.45848                        505221.98
3634125.90        0.45337
         502221.98    3634175.90        0.32737                        502271.98
3634175.90        0.33760
         502321.98    3634175.90        0.34628                        502371.98
3634175.90        0.36787
         502421.98    3634175.90        0.37803                        502471.98
3634175.90        0.38827
         502521.98    3634175.90        0.39786                        502571.98
3634175.90        0.40969
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE      ***
                                   INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 0.42225 | 502671.98 | 3634175.90 | 0.43848 |
| 504771.98 | 3634175.90 | 0.63984 | 504821.98 | 3634175.90 | 0.57990 |
| 504871.98 | 3634175.90 | 0.53463 | 504921.98 | 3634175.90 | 0.50241 |
| 504971.98 | 3634175.90 | 0.47482 | 505021.98 | 3634175.90 | 0.46031 |
| 505071.98 | 3634175.90 | 0.44025 | 505121.98 | 3634175.90 | 0.45842 |
| 505171.98 | 3634175.90 | 0.46217 | 505221.98 | 3634175.90 | 0.46495 |
| 502221.98 | 3634225.90 | 0.34068 | 502271.98 | 3634225.90 | 0.34965 |
| 502321.98 | 3634225.90 | 0.36530 | 502371.98 | 3634225.90 | 0.38446 |
| 502421.98 | 3634225.90 | 0.39786 | 502471.98 | 3634225.90 | 0.40971 |
| 502521.98 | 3634225.90 | 0.41977 | 502571.98 | 3634225.90 | 0.43376 |
| 502621.98 | 3634225.90 | 0.44715 | 502671.98 | 3634225.90 | 0.46314 |
| 504771.98 | 3634225.90 | 0.58259 | 504821.98 | 3634225.90 | 0.53639 |
| 504871.98 | 3634225.90 | 0.52780 | 504921.98 | 3634225.90 | 0.50184 |
| 504971.98 | 3634225.90 | 0.50220 | 505021.98 | 3634225.90 | 0.47483 |
| 505071.98 | 3634225.90 | 0.45141 | 505121.98 | 3634225.90 | 0.45797 |
| 505171.98 | 3634225.90 | 0.44072 | 505221.98 | 3634225.90 | 0.46015 |
| 502221.98 | 3634275.90 | 0.35486 | 502271.98 | 3634275.90 | 0.36489 |
| 502321.98 | 3634275.90 | 0.37941 | 502371.98 | 3634275.90 | 0.40120 |
| 502421.98 | 3634275.90 | 0.41526 | 502471.98 | 3634275.90 | 0.42848 |
| 502521.98 | 3634275.90 | 0.44305 | 502571.98 | 3634275.90 | 0.45781 |
| 502621.98 | 3634275.90 | 0.47564 | 502671.98 | 3634275.90 | 0.49430 |
| 504771.98 | 3634275.90 | 0.57103 | 504821.98 | | |

3634275.90        0.54495
         504871.98    3634275.90        0.53382                        504921.98
3634275.90        0.52576
         504971.98    3634275.90        0.53602                        505021.98
3634275.90        0.49009
         505071.98    3634275.90        0.46600                        505121.98
3634275.90        0.47075
         505171.98    3634275.90        0.43649                        505221.98
3634275.90        0.45598
         502221.98    3634325.90        0.37073                        502271.98
3634325.90        0.38340
         502321.98    3634325.90        0.39590                        502371.98
3634325.90        0.40936
         502421.98    3634325.90        0.42323                        502471.98
3634325.90        0.43687
         502521.98    3634325.90        0.45259                        502571.98
3634325.90        0.46934
         502621.98    3634325.90        0.48735                        502671.98
3634325.90        0.50859
         504771.98    3634325.90        0.60706                        504821.98
3634325.90        0.60216
         504871.98    3634325.90        0.58267                        504921.98
3634325.90        0.57691
         504971.98    3634325.90        0.56882                        505021.98
3634325.90        0.50580
         505071.98    3634325.90        0.47999                        505121.98
3634325.90        0.49378
         505171.98    3634325.90        0.45727                        505221.98
3634325.90        0.45225
         502221.98    3634375.90        0.38902                        502271.98
3634375.90        0.40277
         502321.98    3634375.90        0.41264                        502371.98
3634375.90        0.42414
         502421.98    3634375.90        0.44352                        502471.98
3634375.90        0.46457
         502521.98    3634375.90        0.49005                        502571.98
3634375.90        0.51027


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 0.52375 | 502671.98 | 3634375.90 | 0.53630 |
| 504771.98 | 3634375.90 | 0.66145 | 504821.98 | 3634375.90 | 0.66985 |
| 504871.98 | 3634375.90 | 0.64175 | 504921.98 | 3634375.90 | 0.63149 |
| 504971.98 | 3634375.90 | 0.59678 | 505021.98 | 3634375.90 | 0.52674 |
| 505071.98 | 3634375.90 | 0.50508 | 505121.98 | 3634375.90 | 0.52284 |
| 505171.98 | 3634375.90 | 0.48817 | 505221.98 | 3634375.90 | 0.46327 |
| 502221.98 | 3634425.90 | 0.41118 | 502271.98 | 3634425.90 | 0.42720 |
| 502321.98 | 3634425.90 | 0.44181 | 502371.98 | 3634425.90 | 0.45745 |
| 502421.98 | 3634425.90 | 0.47576 | 502471.98 | 3634425.90 | 0.49261 |
| 502521.98 | 3634425.90 | 0.51406 | 502571.98 | 3634425.90 | 0.53566 |
| 502621.98 | 3634425.90 | 0.56014 | 502671.98 | 3634425.90 | 0.58567 |
| 504771.98 | 3634425.90 | 0.69733 | 504821.98 | 3634425.90 | 0.69420 |
| 504871.98 | 3634425.90 | 0.70996 | 504921.98 | 3634425.90 | 0.70271 |
| 504971.98 | 3634425.90 | 0.63169 | 505021.98 | 3634425.90 | 0.58814 |
| 505071.98 | 3634425.90 | 0.57665 | 505121.98 | 3634425.90 | 0.55768 |
| 505171.98 | 3634425.90 | 0.52038 | 505221.98 | 3634425.90 | 0.48770 |
| 502221.98 | 3634475.90 | 0.42493 | 502271.98 | 3634475.90 | 0.44086 |
| 502321.98 | 3634475.90 | 0.45707 | 502371.98 | 3634475.90 | 0.47443 |
| 502421.98 | 3634475.90 | 0.49354 | 502471.98 | 3634475.90 | 0.51265 |
| 502521.98 | 3634475.90 | 0.53642 | 502571.98 | 3634475.90 | 0.56070 |
| 502621.98 | 3634475.90 | 0.58802 | 502671.98 | | |

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3634475.90        0.61803
         504771.98    3634475.90        0.73987                          504821.98
3634475.90        0.70249
         504871.98    3634475.90        0.72362                          504921.98
3634475.90        0.73853
         504971.98    3634475.90        0.69142                          505021.98
3634475.90        0.65216
         505071.98    3634475.90        0.62222                          505121.98
3634475.90        0.58755
         505171.98    3634475.90        0.55037                          505221.98
3634475.90        0.51569
         502221.98    3634525.90        0.43760                          502271.98
3634525.90        0.45292
         502321.98    3634525.90        0.46981                          502371.98
3634525.90        0.48854
         502421.98    3634525.90        0.50814                          502471.98
3634525.90        0.52977
         502521.98    3634525.90        0.55285                          502571.98
3634525.90        0.57996
         502621.98    3634525.90        0.61086                          502671.98
3634525.90        0.64878
         504771.98    3634525.90        0.82326                          504821.98
3634525.90        0.75200
         504871.98    3634525.90        0.75862                          504921.98
3634525.90        0.74699
         504971.98    3634525.90        0.70162                          505021.98
3634525.90        0.66839
         505071.98    3634525.90        0.63676                          505121.98
3634525.90        0.60403
         505171.98    3634525.90        0.56573                          505221.98
3634525.90        0.52544
         502221.98    3634575.90        0.45122                          502271.98
3634575.90        0.46281
         502321.98    3634575.90        0.47905                          502371.98
3634575.90        0.49782
         502421.98    3634575.90        0.51885                          502471.98
3634575.90        0.54198
         502521.98    3634575.90        0.56624                          502571.98
3634575.90        0.59462
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE      ***
                                   INCLUDING SOURCE(S):     FIRE        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 0.62598 | 502671.98 | 3634575.90 | 0.66519 |
| 504771.98 | 3634575.90 | 0.90229 | 504821.98 | 3634575.90 | 0.84023 |
| 504871.98 | 3634575.90 | 0.79210 | 504921.98 | 3634575.90 | 0.72698 |
| 504971.98 | 3634575.90 | 0.69199 | 505021.98 | 3634575.90 | 0.66731 |
| 505071.98 | 3634575.90 | 0.63826 | 505121.98 | 3634575.90 | 0.60774 |
| 505171.98 | 3634575.90 | 0.55635 | 505221.98 | 3634575.90 | 0.51593 |
| 502221.98 | 3634625.90 | 0.45891 | 502271.98 | 3634625.90 | 0.47403 |
| 502321.98 | 3634625.90 | 0.48507 | 502371.98 | 3634625.90 | 0.50336 |
| 502421.98 | 3634625.90 | 0.52367 | 502471.98 | 3634625.90 | 0.54657 |
| 502521.98 | 3634625.90 | 0.57572 | 502571.98 | 3634625.90 | 0.60325 |
| 502621.98 | 3634625.90 | 0.63431 | 502671.98 | 3634625.90 | 0.66848 |
| 504771.98 | 3634625.90 | 0.85203 | 504821.98 | 3634625.90 | 0.79011 |
| 504871.98 | 3634625.90 | 0.74782 | 504921.98 | 3634625.90 | 0.71177 |
| 504971.98 | 3634625.90 | 0.68621 | 505021.98 | 3634625.90 | 0.66302 |
| 505071.98 | 3634625.90 | 0.63543 | 505121.98 | 3634625.90 | 0.60374 |
| 505171.98 | 3634625.90 | 0.53987 | 505221.98 | 3634625.90 | 0.49502 |
| 502221.98 | 3634675.90 | 0.45979 | 502271.98 | 3634675.90 | 0.47957 |
| 502321.98 | 3634675.90 | 0.49792 | 502371.98 | 3634675.90 | 0.51449 |
| 502421.98 | 3634675.90 | 0.53479 | 502471.98 | 3634675.90 | 0.55685 |
| 502521.98 | 3634675.90 | 0.58035 | 502571.98 | | |

3634675.90        0.60859
         502621.98    3634675.90        0.63928                        502671.98
3634675.90        0.66874
         504771.98    3634675.90        0.82778                        504821.98
3634675.90        0.78378
         504871.98    3634675.90        0.73609                        504921.98
3634675.90        0.70100
         504971.98    3634675.90        0.67156                        505021.98
3634675.90        0.65387
         505071.98    3634675.90        0.62588                        505121.98
3634675.90        0.59348
         505171.98    3634675.90        0.53943                        505221.98
3634675.90        0.49094
         502221.98    3634725.90        0.46006                        502271.98
3634725.90        0.47751
         502321.98    3634725.90        0.48987                        502371.98
3634725.90        0.50766
         502421.98    3634725.90        0.53159                        502471.98
3634725.90        0.55413
         502521.98    3634725.90        0.57501                        502571.98
3634725.90        0.60268
         502621.98    3634725.90        0.63071                        502671.98
3634725.90        0.66483
         504771.98    3634725.90        0.81177                        504821.98
3634725.90        0.76239
         504871.98    3634725.90        0.71837                        504921.98
3634725.90        0.68591
         504971.98    3634725.90        0.66309                        505021.98
3634725.90        0.64426
         505071.98    3634725.90        0.60957                        505121.98
3634725.90        0.57342
         505171.98    3634725.90        0.51137                        505221.98
3634725.90        0.47897
         502221.98    3634775.90        0.46298                        502271.98
3634775.90        0.48065
         502321.98    3634775.90        0.48669                        502371.98
3634775.90        0.50118
         502421.98    3634775.90        0.51763                        502471.98
3634775.90        0.53832
         502521.98    3634775.90        0.56866                        502571.98
3634775.90        0.59048


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 0.61669 | 502671.98 | 3634775.90 | 0.64678 |
| 504771.98 | 3634775.90 | 0.79378 | 504821.98 | 3634775.90 | 0.74493 |
| 504871.98 | 3634775.90 | 0.70024 | 504921.98 | 3634775.90 | 0.67036 |
| 504971.98 | 3634775.90 | 0.65533 | 505021.98 | 3634775.90 | 0.61926 |
| 505071.98 | 3634775.90 | 0.58740 | 505121.98 | 3634775.90 | 0.55536 |
| 505171.98 | 3634775.90 | 0.49055 | 505221.98 | 3634775.90 | 0.45227 |
| 502221.98 | 3634825.90 | 0.46128 | 502271.98 | 3634825.90 | 0.47634 |
| 502321.98 | 3634825.90 | 0.48801 | 502371.98 | 3634825.90 | 0.50201 |
| 502421.98 | 3634825.90 | 0.51362 | 502471.98 | 3634825.90 | 0.52544 |
| 502521.98 | 3634825.90 | 0.55460 | 502571.98 | 3634825.90 | 0.57781 |
| 502621.98 | 3634825.90 | 0.60033 | 502671.98 | 3634825.90 | 0.62304 |
| 504771.98 | 3634825.90 | 0.77527 | 504821.98 | 3634825.90 | 0.71574 |
| 504871.98 | 3634825.90 | 0.67745 | 504921.98 | 3634825.90 | 0.65702 |
| 504971.98 | 3634825.90 | 0.62836 | 505021.98 | 3634825.90 | 0.55826 |
| 505071.98 | 3634825.90 | 0.53734 | 505121.98 | 3634825.90 | 0.51590 |
| 505171.98 | 3634825.90 | 0.46294 | 505221.98 | 3634825.90 | 0.43121 |
| 502221.98 | 3634875.90 | 0.46114 | 502271.98 | 3634875.90 | 0.46682 |
| 502321.98 | 3634875.90 | 0.47859 | 502371.98 | 3634875.90 | 0.49314 |
| 502421.98 | 3634875.90 | 0.50742 | 502471.98 | | |

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3634875.90        0.52243
         502521.98    3634875.90        0.53830                        502571.98
3634875.90        0.55660
         502621.98    3634875.90        0.57737                        502671.98
3634875.90        0.59982
         504771.98    3634875.90        0.75268                        504821.98
3634875.90        0.70965
         504871.98    3634875.90        0.65763                        504921.98
3634875.90        0.63936
         504971.98    3634875.90        0.60043                        505021.98
3634875.90        0.52450
         505071.98    3634875.90        0.47390                        505121.98
3634875.90        0.46707
         505171.98    3634875.90        0.43797                        505221.98
3634875.90        0.42138
         502221.98    3634925.90        0.45039                        502271.98
3634925.90        0.45682
         502321.98    3634925.90        0.46828                        502371.98
3634925.90        0.48003
         502421.98    3634925.90        0.49303                        502471.98
3634925.90        0.50365
         502521.98    3634925.90        0.51971                        502571.98
3634925.90        0.53550
         502621.98    3634925.90        0.55113                        502671.98
3634925.90        0.57235
         504771.98    3634925.90        0.73132                        504821.98
3634925.90        0.68656
         504871.98    3634925.90        0.64128                        504921.98
3634925.90        0.61645
         504971.98    3634925.90        0.59024                        505021.98
3634925.90        0.51256
         505071.98    3634925.90        0.45539                        505121.98
3634925.90        0.44541
         505171.98    3634925.90        0.42498                        505221.98
3634925.90        0.41442
         502221.98    3634975.90        0.43740                        502271.98
3634975.90        0.44602
         502321.98    3634975.90        0.45352                        502371.98
3634975.90        0.46446
         502421.98    3634975.90        0.47567                        502471.98
3634975.90        0.48611
         502521.98    3634975.90        0.49990                        502571.98
3634975.90        0.51252
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***

INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 0.52717 | 502671.98 | 3634975.90 | 0.54401 |
| 504821.98 | 3634975.90 | 0.66840 | 504871.98 | 3634975.90 | 0.62862 |
| 504921.98 | 3634975.90 | 0.59397 | 504971.98 | 3634975.90 | 0.57563 |
| 505021.98 | 3634975.90 | 0.51822 | 505071.98 | 3634975.90 | 0.46558 |
| 505121.98 | 3634975.90 | 0.46639 | 505171.98 | 3634975.90 | 0.44681 |
| 505221.98 | 3634975.90 | 0.42471 | 502221.98 | 3635025.90 | 0.42341 |
| 502271.98 | 3635025.90 | 0.43259 | 502321.98 | 3635025.90 | 0.44068 |
| 502371.98 | 3635025.90 | 0.44899 | 502421.98 | 3635025.90 | 0.46024 |
| 502471.98 | 3635025.90 | 0.47048 | 502521.98 | 3635025.90 | 0.48253 |
| 502571.98 | 3635025.90 | 0.49359 | 502621.98 | 3635025.90 | 0.50609 |
| 502671.98 | 3635025.90 | 0.51829 | 504871.98 | 3635025.90 | 0.61500 |
| 504921.98 | 3635025.90 | 0.57806 | 504971.98 | 3635025.90 | 0.56134 |
| 505021.98 | 3635025.90 | 0.52007 | 505071.98 | 3635025.90 | 0.48542 |
| 505121.98 | 3635025.90 | 0.48406 | 505171.98 | 3635025.90 | 0.46759 |
| 505221.98 | 3635025.90 | 0.44320 | 502221.98 | 3635075.90 | 0.41136 |
| 502271.98 | 3635075.90 | 0.41782 | 502321.98 | 3635075.90 | 0.42800 |
| 502371.98 | 3635075.90 | 0.43665 | 502421.98 | 3635075.90 | 0.44550 |
| 502471.98 | 3635075.90 | 0.45488 | 502521.98 | | |

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3635075.90        0.46525
         502571.98    3635075.90        0.47587                      502621.98
3635075.90        0.48479
         502671.98    3635075.90        0.49784                      504921.98
3635075.90        0.57056
         504971.98    3635075.90        0.54191                      505021.98
3635075.90        0.52345
         505071.98    3635075.90        0.50258                      505121.98
3635075.90        0.48779
         505171.98    3635075.90        0.47248                      505221.98
3635075.90        0.45622
         502221.98    3635125.90        0.39578                      502271.98
3635125.90        0.40423
         502321.98    3635125.90        0.41157                      502371.98
3635125.90        0.41932
         502421.98    3635125.90        0.42677                      502471.98
3635125.90        0.43406
         502521.98    3635125.90        0.44462                      502571.98
3635125.90        0.45663
         502621.98    3635125.90        0.46756                      502671.98
3635125.90        0.47881
         505021.98    3635125.90        0.51082                      505071.98
3635125.90        0.49331
         505121.98    3635125.90        0.47814                      505171.98
3635125.90        0.46663
         505221.98    3635125.90        0.44774                      502221.98
3635175.90        0.38021
         502271.98    3635175.90        0.39086                      502321.98
3635175.90        0.39484
         502371.98    3635175.90        0.40080                      502421.98
3635175.90        0.40748
         502471.98    3635175.90        0.41455                      502521.98
3635175.90        0.42273
         502571.98    3635175.90        0.43438                      502621.98
3635175.90        0.44851
         502671.98    3635175.90        0.46059                      505121.98
3635175.90        0.48480
         505171.98    3635175.90        0.46888                      505221.98
3635175.90        0.44779
         502221.98    3635225.90        0.36636                      502271.98
3635225.90        0.37388
         502321.98    3635225.90        0.37998                      502371.98
3635225.90        0.38586
         502421.98    3635225.90        0.39204                      502471.98
3635225.90        0.39911
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S):  FIRE  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 0.40790 | 502571.98 | 3635225.90 | 0.41805 |
| 502621.98 | 3635225.90 | 0.42840 | 502671.98 | 3635225.90 | 0.44139 |
| 502221.98 | 3635275.90 | 0.35053 | 502271.98 | 3635275.90 | 0.36002 |
| 502321.98 | 3635275.90 | 0.36360 | 502371.98 | 3635275.90 | 0.36905 |
| 502421.98 | 3635275.90 | 0.37579 | 502471.98 | 3635275.90 | 0.38270 |
| 502521.98 | 3635275.90 | 0.38854 | 502571.98 | 3635275.90 | 0.40015 |
| 502621.98 | 3635275.90 | 0.41088 | 502671.98 | 3635275.90 | 0.42178 |
| 502221.98 | 3635325.90 | 0.33740 | 502271.98 | 3635325.90 | 0.34619 |
| 502321.98 | 3635325.90 | 0.35028 | 502371.98 | 3635325.90 | 0.35495 |
| 502421.98 | 3635325.90 | 0.36049 | 502471.98 | 3635325.90 | 0.36731 |
| 502521.98 | 3635325.90 | 0.37530 | 502571.98 | 3635325.90 | 0.38579 |
| 502621.98 | 3635325.90 | 0.39547 | 502671.98 | 3635325.90 | 0.40559 |
| 502221.98 | 3635375.90 | 0.32689 | 502271.98 | 3635375.90 | 0.33396 |
| 502321.98 | 3635375.90 | 0.33824 | 502371.98 | 3635375.90 | 0.34303 |
| 502421.98 | 3635375.90 | 0.34835 | 502471.98 | 3635375.90 | 0.35451 |
| 502521.98 | 3635375.90 | 0.36453 | 502571.98 | 3635375.90 | 0.37327 |
| 502621.98 | 3635375.90 | 0.38252 | 502671.98 | | |

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3635375.90        0.39321
         502221.98    3635425.90        0.31516                      502271.98
3635425.90        0.32344
         502321.98    3635425.90        0.32824                      502371.98
3635425.90        0.33365
         502421.98    3635425.90        0.33912                      502471.98
3635425.90        0.34473
         502521.98    3635425.90        0.35296                      502571.98
3635425.90        0.36208
         502621.98    3635425.90        0.37128                      502671.98
3635425.90        0.38146
         504771.98    3635425.90        0.58525                      502221.98
3635475.90        0.30674
         502271.98    3635475.90        0.31304                      502321.98
3635475.90        0.31843
         502371.98    3635475.90        0.32394                      502421.98
3635475.90        0.32958
         502471.98    3635475.90        0.33387                      502521.98
3635475.90        0.34413
         502571.98    3635475.90        0.35279                      502621.98
3635475.90        0.36198
         502671.98    3635475.90        0.36931                      504771.98
3635475.90        0.56448
         504821.98    3635475.90        0.54626                      504871.98
3635475.90        0.52624
         504921.98    3635475.90        0.50917                      502221.98
3635525.90        0.29512
         502271.98    3635525.90        0.30411                      502321.98
3635525.90        0.30963
         502371.98    3635525.90        0.31600                      502421.98
3635525.90        0.32147
         502471.98    3635525.90        0.32729                      502521.98
3635525.90        0.33558
         502571.98    3635525.90        0.34335                      502621.98
3635525.90        0.35100
         502671.98    3635525.90        0.35880                      502721.98
3635525.90        0.36791
         502771.98    3635525.90        0.37863                      502821.98
3635525.90        0.39005
         502871.98    3635525.90        0.40315                      502921.98
3635525.90        0.41625
         502971.98    3635525.90        0.43052                      503021.98
3635525.90        0.44636
         503071.98    3635525.90        0.46618                      503121.98
3635525.90        0.49285
         503171.98    3635525.90        0.51259                      503221.98
3635525.90        0.52445
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 0.53986 | 503321.98 | 3635525.90 | 0.55858 |
| 503371.98 | 3635525.90 | 0.57760 | 503421.98 | 3635525.90 | 0.59771 |
| 503471.98 | 3635525.90 | 0.61487 | 503521.98 | 3635525.90 | 0.63615 |
| 503571.98 | 3635525.90 | 0.66281 | 503621.98 | 3635525.90 | 0.69329 |
| 503671.98 | 3635525.90 | 0.71281 | 503721.98 | 3635525.90 | 0.72711 |
| 503771.98 | 3635525.90 | 0.73543 | 503821.98 | 3635525.90 | 0.73568 |
| 503871.98 | 3635525.90 | 0.73606 | 503921.98 | 3635525.90 | 0.73668 |
| 503971.98 | 3635525.90 | 0.73562 | 504021.98 | 3635525.90 | 0.74540 |
| 504071.98 | 3635525.90 | 0.75415 | 504121.98 | 3635525.90 | 0.75911 |
| 504171.98 | 3635525.90 | 0.75455 | 504221.98 | 3635525.90 | 0.75784 |
| 504271.98 | 3635525.90 | 0.74290 | 504321.98 | 3635525.90 | 0.73058 |
| 504371.98 | 3635525.90 | 0.71510 | 504421.98 | 3635525.90 | 0.69732 |
| 504471.98 | 3635525.90 | 0.68071 | 504521.98 | 3635525.90 | 0.66141 |
| 504571.98 | 3635525.90 | 0.63496 | 504621.98 | 3635525.90 | 0.61340 |
| 504671.98 | 3635525.90 | 0.59316 | 504721.98 | 3635525.90 | 0.57063 |
| 504771.98 | 3635525.90 | 0.55244 | 504821.98 | | |

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3635525.90        0.53372
         504871.98    3635525.90        0.51558                    504921.98
3635525.90        0.50228
         504971.98    3635525.90        0.48396                    505021.98
3635525.90        0.46495
         505071.98    3635525.90        0.45061                    505121.98
3635525.90        0.43771
         505171.98    3635525.90        0.42592                    505221.98
3635525.90        0.41536
         502221.98    3635575.90        0.28634                    502271.98
3635575.90        0.29592
         502321.98    3635575.90        0.30238                    502371.98
3635575.90        0.30775
         502421.98    3635575.90        0.31334                    502471.98
3635575.90        0.32025
         502521.98    3635575.90        0.32826                    502571.98
3635575.90        0.33578
         502621.98    3635575.90        0.34302                    502671.98
3635575.90        0.35067
         502721.98    3635575.90        0.35964                    502771.98
3635575.90        0.37032
         502821.98    3635575.90        0.38126                    502871.98
3635575.90        0.39307
         502921.98    3635575.90        0.40542                    502971.98
3635575.90        0.41834
         503021.98    3635575.90        0.43268                    503071.98
3635575.90        0.45176
         503121.98    3635575.90        0.47804                    503171.98
3635575.90        0.49544
         503221.98    3635575.90        0.49806                    503271.98
3635575.90        0.51229
         503321.98    3635575.90        0.52932                    503371.98
3635575.90        0.54542
         503421.98    3635575.90        0.56282                    503471.98
3635575.90        0.57820
         503521.98    3635575.90        0.59762                    503571.98
3635575.90        0.62213
         503621.98    3635575.90        0.64767                    503671.98
3635575.90        0.66502
         503721.98    3635575.90        0.68002                    503771.98
3635575.90        0.68704
         503821.98    3635575.90        0.69188                    503871.98
3635575.90        0.68949
         503921.98    3635575.90        0.69202                    503971.98
3635575.90        0.69217
         504021.98    3635575.90        0.70978                    504071.98
3635575.90        0.71481
         504121.98    3635575.90        0.71510                    504171.98
3635575.90        0.71448
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         504221.98    3635575.90       0.71286                       504271.98
3635575.90        0.71103
         504321.98    3635575.90       0.69957                       504371.98
3635575.90        0.68510
         504421.98    3635575.90       0.66965                       504471.98
3635575.90        0.65739
         504521.98    3635575.90       0.63809                       504571.98
3635575.90        0.62234
         504621.98    3635575.90       0.59756                       504671.98
3635575.90        0.57969
         504721.98    3635575.90       0.56085                       504771.98
3635575.90        0.54217
         504821.98    3635575.90       0.52364                       504871.98
3635575.90        0.50820
         504921.98    3635575.90       0.49584                       504971.98
3635575.90        0.47694
         505021.98    3635575.90       0.45954                       505071.98
3635575.90        0.44450
         505121.98    3635575.90       0.42569                       505171.98
3635575.90        0.41960
         505221.98    3635575.90       0.40471                       502221.98
3635625.90        0.27790
         502271.98    3635625.90       0.28653                       502321.98
3635625.90        0.29345
         502371.98    3635625.90       0.30070                       502421.98
3635625.90        0.30425
         502471.98    3635625.90       0.31050                       502521.98
3635625.90        0.31763
         502571.98    3635625.90       0.32759                       502621.98

3635625.90 0.33646
502671.98 3635625.90 0.34361 502721.98
3635625.90 0.35185
502771.98 3635625.90 0.36129 502821.98
3635625.90 0.37107
502871.98 3635625.90 0.38150 502921.98
3635625.90 0.39259
502971.98 3635625.90 0.40456 503021.98
3635625.90 0.41723
503071.98 3635625.90 0.43105 503121.98
3635625.90 0.44550
503171.98 3635625.90 0.45958 503221.98
3635625.90 0.47310
503271.98 3635625.90 0.48824 503321.98
3635625.90 0.50338
503371.98 3635625.90 0.52014 503421.98
3635625.90 0.53562
503471.98 3635625.90 0.54787 503521.98
3635625.90 0.56488
503571.98 3635625.90 0.58667 503621.98
3635625.90 0.60802
503671.98 3635625.90 0.62109 503721.98
3635625.90 0.63447
503771.98 3635625.90 0.64326 503821.98
3635625.90 0.64828
503871.98 3635625.90 0.65241 503921.98
3635625.90 0.65420
503971.98 3635625.90 0.65721 504021.98
3635625.90 0.66903
504071.98 3635625.90 0.67549 504121.98
3635625.90 0.67812
504171.98 3635625.90 0.67798 504221.98
3635625.90 0.67456
504271.98 3635625.90 0.67113 504321.98
3635625.90 0.67165
504371.98 3635625.90 0.66037 504421.98
3635625.90 0.64495
504471.98 3635625.90 0.63274 504521.98
3635625.90 0.61736
504571.98 3635625.90 0.60476 504621.98
3635625.90 0.58569
504671.98 3635625.90 0.56920 504721.98
3635625.90 0.55013
504771.98 3635625.90 0.53143 504821.98
3635625.90 0.51444
504871.98 3635625.90 0.50004 504921.98
3635625.90 0.48838
504971.98 3635625.90 0.46956 505021.98
3635625.90 0.45895
505071.98 3635625.90 0.44517 505121.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE     ***
                                    INCLUDING SOURCE(S):     FIRE        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)        Y-COORD (M)        CONC
 - - -

3635675.90 0.52258
503521.98 3635675.90 0.53809 503571.98
3635675.90 0.55634
503621.98 3635675.90 0.57416 503671.98
3635675.90 0.58773
503721.98 3635675.90 0.59760 503771.98
3635675.90 0.60516
503821.98 3635675.90 0.61004 503871.98
3635675.90 0.61499
503921.98 3635675.90 0.61649 503971.98
3635675.90 0.62162
504021.98 3635675.90 0.63196 504071.98
3635675.90 0.63821
504121.98 3635675.90 0.64401 504171.98
3635675.90 0.64662
504221.98 3635675.90 0.64558 504271.98
3635675.90 0.64189
504321.98 3635675.90 0.63895 504371.98
3635675.90 0.63570
504421.98 3635675.90 0.62557 504471.98
3635675.90 0.60965
504521.98 3635675.90 0.59369 504571.98
3635675.90 0.58490
504621.98 3635675.90 0.56637 504671.98
3635675.90 0.55495
504721.98 3635675.90 0.54020 504771.98
3635675.90 0.51601
504821.98 3635675.90 0.50525 504871.98
3635675.90 0.49175
504921.98 3635675.90 0.48032 504971.98
3635675.90 0.46252
505021.98 3635675.90 0.45000 505071.98
3635675.90 0.43889
505121.98 3635675.90 0.42036 505171.98
3635675.90 0.40796
505221.98 3635675.90 0.39751 502221.98
3635725.90 0.26365
502271.98 3635725.90 0.27176 502321.98
3635725.90 0.27870
502371.98 3635725.90 0.28598 502421.98
3635725.90 0.29120
502471.98 3635725.90 0.29804 502521.98
3635725.90 0.30457
502571.98 3635725.90 0.31388 502621.98
3635725.90 0.32254
502671.98 3635725.90 0.32979 502721.98
3635725.90 0.33739
502771.98 3635725.90 0.34452 502821.98
3635725.90 0.35278
502871.98 3635725.90 0.36192 502921.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 0.40292 | 503121.98 | 3635725.90 | 0.41445 |
| 503171.98 | 3635725.90 | 0.42616 | 503221.98 | 3635725.90 | 0.43869 |
| 503271.98 | 3635725.90 | 0.45042 | 503321.98 | 3635725.90 | 0.46233 |
| 503371.98 | 3635725.90 | 0.47449 | 503421.98 | 3635725.90 | 0.48822 |
| 503471.98 | 3635725.90 | 0.50174 | 503521.98 | 3635725.90 | 0.51568 |
| 503571.98 | 3635725.90 | 0.53188 | 503621.98 | 3635725.90 | 0.54512 |
| 503671.98 | 3635725.90 | 0.55833 | 503721.98 | 3635725.90 | 0.56542 |
| 503771.98 | 3635725.90 | 0.57237 | 503821.98 | 3635725.90 | 0.57860 |
| 503871.98 | 3635725.90 | 0.58321 | 503921.98 | 3635725.90 | 0.58579 |
| 503971.98 | 3635725.90 | 0.58969 | 504021.98 | 3635725.90 | 0.60004 |
| 504071.98 | 3635725.90 | 0.60450 | 504121.98 | 3635725.90 | 0.61131 |
| 504171.98 | 3635725.90 | 0.61474 | 504221.98 | 3635725.90 | 0.61131 |
| 504271.98 | 3635725.90 | 0.61009 | 504321.98 | | |

3635725.90 0.61155
504371.98 3635725.90 0.60686 504421.98
3635725.90 0.60144
504471.98 3635725.90 0.58789 504521.98
3635725.90 0.57422
504571.98 3635725.90 0.56501 504621.98
3635725.90 0.55116
504671.98 3635725.90 0.53720 504721.98
3635725.90 0.52753
504771.98 3635725.90 0.51425 504821.98
3635725.90 0.49770
504871.98 3635725.90 0.48570 504921.98
3635725.90 0.47237
504971.98 3635725.90 0.45554 505021.98
3635725.90 0.44136
505071.98 3635725.90 0.43107 505121.98
3635725.90 0.41514
505171.98 3635725.90 0.40306 505221.98
3635725.90 0.39220
502221.98 3635775.90 0.25803 502271.98
3635775.90 0.26651
502321.98 3635775.90 0.27306 502371.98
3635775.90 0.28040
502421.98 3635775.90 0.28584 502471.98
3635775.90 0.29235
502521.98 3635775.90 0.29901 502571.98
3635775.90 0.30676
502621.98 3635775.90 0.31451 502671.98
3635775.90 0.32212
502721.98 3635775.90 0.33099 502771.98
3635775.90 0.33898
502821.98 3635775.90 0.34639 502871.98
3635775.90 0.35424
502921.98 3635775.90 0.36133 502971.98
3635775.90 0.37143
503021.98 3635775.90 0.38129 503071.98
3635775.90 0.39211
503121.98 3635775.90 0.40281 503171.98
3635775.90 0.41348
503221.98 3635775.90 0.42437 503271.98
3635775.90 0.43521
503321.98 3635775.90 0.44604 503371.98
3635775.90 0.45688
503421.98 3635775.90 0.46887 503471.98
3635775.90 0.48133
503521.98 3635775.90 0.49353 503571.98
3635775.90 0.50633
503621.98 3635775.90 0.51723 503671.98
3635775.90 0.52960
503721.98 3635775.90 0.53967 503771.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 0.56957 | 504071.98 | 3635775.90 | 0.57086 |
| 504121.98 | 3635775.90 | 0.57856 | 504171.98 | 3635775.90 | 0.58260 |
| 504221.98 | 3635775.90 | 0.58239 | 504271.98 | 3635775.90 | 0.58191 |
| 504321.98 | 3635775.90 | 0.58409 | 504371.98 | 3635775.90 | 0.58259 |
| 504421.98 | 3635775.90 | 0.57806 | 504471.98 | 3635775.90 | 0.56712 |
| 504521.98 | 3635775.90 | 0.55683 | 504571.98 | 3635775.90 | 0.54847 |
| 504621.98 | 3635775.90 | 0.53577 | 504671.98 | 3635775.90 | 0.52519 |
| 504721.98 | 3635775.90 | 0.51477 | 504771.98 | 3635775.90 | 0.50206 |
| 504821.98 | 3635775.90 | 0.48950 | 504871.98 | 3635775.90 | 0.47688 |
| 504921.98 | 3635775.90 | 0.46424 | 504971.98 | 3635775.90 | 0.44795 |
| 505021.98 | 3635775.90 | 0.43468 | 505071.98 | 3635775.90 | 0.42485 |
| 505121.98 | 3635775.90 | 0.41098 | 505171.98 | | |

3635775.90 0.39871
505221.98 3635775.90 0.38709 502221.98
3635825.90 0.25297
502271.98 3635825.90 0.26148 502321.98
3635825.90 0.26804
502371.98 3635825.90 0.27537 502421.98
3635825.90 0.28063
502471.98 3635825.90 0.28718 502521.98
3635825.90 0.29356
502571.98 3635825.90 0.30115 502621.98
3635825.90 0.30873
502671.98 3635825.90 0.31627 502721.98
3635825.90 0.32387
502771.98 3635825.90 0.33214 502821.98
3635825.90 0.33955
502871.98 3635825.90 0.34703 502921.98
3635825.90 0.35360
502971.98 3635825.90 0.36319 503021.98
3635825.90 0.37191
503071.98 3635825.90 0.38163 503121.98
3635825.90 0.39161
503171.98 3635825.90 0.40147 503221.98
3635825.90 0.41092
503271.98 3635825.90 0.42075 503321.98
3635825.90 0.43080
503371.98 3635825.90 0.44107 503421.98
3635825.90 0.45183
503471.98 3635825.90 0.46323 503521.98
3635825.90 0.47509
503571.98 3635825.90 0.48574 503621.98
3635825.90 0.49478
503671.98 3635825.90 0.50475 503721.98
3635825.90 0.51362
503771.98 3635825.90 0.52068 503821.98
3635825.90 0.52419
503871.98 3635825.90 0.52662 503921.98
3635825.90 0.52871
503971.98 3635825.90 0.53160 504021.98
3635825.90 0.54228
504071.98 3635825.90 0.54091 504121.98
3635825.90 0.54509
504171.98 3635825.90 0.55313 504221.98
3635825.90 0.55545
504271.98 3635825.90 0.55361 504321.98
3635825.90 0.55597
504371.98 3635825.90 0.55798 504421.98
3635825.90 0.55524
504471.98 3635825.90 0.54727 504521.98
3635825.90 0.53730
504571.98 3635825.90 0.53137 504621.98

3635825.90        0.52108
         504671.98    3635825.90        0.51210                        504721.98
3635825.90        0.50379
         504771.98    3635825.90        0.49222                        504821.98
3635825.90        0.47897
         504871.98    3635825.90        0.46655                        504921.98
3635825.90        0.45527

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

3635875.90 0.35469
503021.98 3635875.90 0.36282 503071.98
3635875.90 0.37174
503121.98 3635875.90 0.38091 503171.98
3635875.90 0.38995
503221.98 3635875.90 0.39867 503271.98
3635875.90 0.40739
503321.98 3635875.90 0.41708 503371.98
3635875.90 0.42659
503421.98 3635875.90 0.43665 503471.98
3635875.90 0.44727
503521.98 3635875.90 0.45736 503571.98
3635875.90 0.46732
503621.98 3635875.90 0.47514 503671.98
3635875.90 0.48447
503721.98 3635875.90 0.49211 503771.98
3635875.90 0.49839
503821.98 3635875.90 0.50138 503871.98
3635875.90 0.50239
503921.98 3635875.90 0.50586 503971.98
3635875.90 0.50960
504021.98 3635875.90 0.51660 504071.98
3635875.90 0.51678
504121.98 3635875.90 0.52110 504171.98
3635875.90 0.52663
504221.98 3635875.90 0.52760 504271.98
3635875.90 0.52842
504321.98 3635875.90 0.53153 504371.98
3635875.90 0.53195
504421.98 3635875.90 0.52909 504471.98
3635875.90 0.52753
504521.98 3635875.90 0.52171 504571.98
3635875.90 0.51446
504621.98 3635875.90 0.50637 504671.98
3635875.90 0.49808
504721.98 3635875.90 0.49203 504771.98
3635875.90 0.48134
504821.98 3635875.90 0.46910 504871.98
3635875.90 0.45813
504921.98 3635875.90 0.44690 504971.98
3635875.90 0.43356
505021.98 3635875.90 0.42351 505071.98
3635875.90 0.41287
505121.98 3635875.90 0.40077 505171.98
3635875.90 0.38936
505221.98 3635875.90 0.37782 502221.98
3635925.90 0.24402
502271.98 3635925.90 0.25250 502321.98
3635925.90 0.25892
502371.98 3635925.90 0.26596 502421.98

3635925.90        0.27120
         502471.98    3635925.90        0.27729                        502521.98
3635925.90        0.28261
         502571.98    3635925.90        0.28941                        502621.98
3635925.90        0.29604
         502671.98    3635925.90        0.30316                        502721.98
3635925.90        0.31081
         502771.98    3635925.90        0.31876                        502821.98
3635925.90        0.32525

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502871.98    3635925.90        0.33263                        502921.98
3635925.90        0.33824
         502971.98    3635925.90        0.34659                        503021.98
3635925.90        0.35405
         503071.98    3635925.90        0.36219                        503121.98
3635925.90        0.37060
         503171.98    3635925.90        0.37877                        503221.98
3635925.90        0.38685
         503271.98    3635925.90        0.39520                        503321.98
3635925.90        0.40401
         503371.98    3635925.90        0.41309                        503421.98
3635925.90        0.42271
         503471.98    3635925.90        0.43192                        503521.98
3635925.90        0.44068
         503571.98    3635925.90        0.45032                        503621.98
3635925.90        0.45822
         503671.98    3635925.90        0.46639                        503721.98
3635925.90        0.47254
         503771.98    3635925.90        0.47683                        503821.98

3635925.90 0.48054
503871.98 3635925.90 0.48398 503921.98
3635925.90 0.48674
503971.98 3635925.90 0.48960 504021.98
3635925.90 0.49442
504071.98 3635925.90 0.49708 504121.98
3635925.90 0.49970
504171.98 3635925.90 0.50277 504221.98
3635925.90 0.50374
504271.98 3635925.90 0.50700 504321.98
3635925.90 0.50961
504371.98 3635925.90 0.50875 504421.98
3635925.90 0.50621
504471.98 3635925.90 0.50379 504521.98
3635925.90 0.50143
504571.98 3635925.90 0.49796 504621.98
3635925.90 0.49398
504671.98 3635925.90 0.48467 504721.98
3635925.90 0.47688
504771.98 3635925.90 0.46897 504821.98
3635925.90 0.46066
504871.98 3635925.90 0.44989 504921.98
3635925.90 0.43930
504971.98 3635925.90 0.42567 505021.98
3635925.90 0.41439
505071.98 3635925.90 0.40390 505121.98
3635925.90 0.39477
505171.98 3635925.90 0.38447 505221.98
3635925.90 0.37138
502221.98 3635975.90 0.23912 502271.98
3635975.90 0.24701
502321.98 3635975.90 0.25358 502371.98
3635975.90 0.26099
502421.98 3635975.90 0.26625 502471.98
3635975.90 0.27232
502521.98 3635975.90 0.27770 502571.98
3635975.90 0.28493
502621.98 3635975.90 0.29123 502671.98
3635975.90 0.29743
502721.98 3635975.90 0.30456 502771.98
3635975.90 0.31181
502821.98 3635975.90 0.31809 502871.98
3635975.90 0.32574
502921.98 3635975.90 0.33125 502971.98
3635975.90 0.33899
503021.98 3635975.90 0.34568 503071.98
3635975.90 0.35333
503121.98 3635975.90 0.36073 503171.98
3635975.90 0.36832
503221.98 3635975.90 0.37583 503271.98

3635975.90        0.38393
         503321.98    3635975.90        0.39212                        503371.98
3635975.90        0.40110
         503421.98    3635975.90        0.40891                        503471.98
3635975.90        0.41748
         503521.98    3635975.90        0.42646                        503571.98
3635975.90        0.43487
         503621.98    3635975.90        0.44250                        503671.98
3635975.90        0.44936
         503721.98    3635975.90        0.45478                        503771.98
3635975.90        0.45882


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635975.90 0.46567
504721.98 3635975.90 0.45906 504771.98
3635975.90 0.45313
504821.98 3635975.90 0.44740 504871.98
3635975.90 0.43960
504921.98 3635975.90 0.43089 504971.98
3635975.90 0.41817
505021.98 3635975.90 0.40753 505071.98
3635975.90 0.39739
505121.98 3635975.90 0.38807 505171.98
3635975.90 0.37832
505221.98 3635975.90 0.36933 501721.98
3632475.90 0.12685
501821.98 3632475.90 0.13121 501921.98
3632475.90 0.13559
502021.98 3632475.90 0.14038 502121.98
3632475.90 0.14460
502221.98 3632475.90 0.14856 502321.98
3632475.90 0.15423
502421.98 3632475.90 0.15834 502521.98
3632475.90 0.16273
502621.98 3632475.90 0.16411 502721.98
3632475.90 0.16617
502821.98 3632475.90 0.16943 502921.98
3632475.90 0.17229
503021.98 3632475.90 0.17403 503121.98
3632475.90 0.17560
503221.98 3632475.90 0.18083 503321.98
3632475.90 0.18195
503421.98 3632475.90 0.18518 503721.98
3632475.90 0.19685
503821.98 3632475.90 0.19803 503921.98
3632475.90 0.19645
504021.98 3632475.90 0.19271 504121.98
3632475.90 0.19307
504221.98 3632475.90 0.18551 504321.98
3632475.90 0.18170
504421.98 3632475.90 0.19437 504521.98
3632475.90 0.20602
504621.98 3632475.90 0.18416 504721.98
3632475.90 0.17472
504821.98 3632475.90 0.17485 504921.98
3632475.90 0.17030
505021.98 3632475.90 0.16147 505121.98
3632475.90 0.16284
505221.98 3632475.90 0.15104 505321.98
3632475.90 0.14380
505421.98 3632475.90 0.14802 505521.98
3632475.90 0.15402
505621.98 3632475.90 0.16215 505721.98

3632475.90        0.17009
         501721.98    3632575.90        0.13060                        501821.98
3632575.90        0.13511
         501921.98    3632575.90        0.13981                        502021.98
3632575.90        0.14493
         502121.98    3632575.90        0.15021                        502221.98
3632575.90        0.15514
         502321.98    3632575.90        0.16079                        502421.98
3632575.90        0.16608
         502521.98    3632575.90        0.16989                        502621.98
3632575.90        0.17361
         502721.98    3632575.90        0.17466                        502821.98
3632575.90        0.17875

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

3632575.90 0.19517
504721.98 3632575.90 0.17546 504821.98
3632575.90 0.17820
504921.98 3632575.90 0.17120 505021.98
3632575.90 0.15913
505121.98 3632575.90 0.16265 505221.98
3632575.90 0.15867
505321.98 3632575.90 0.15758 505421.98
3632575.90 0.16545
505521.98 3632575.90 0.16982 505621.98
3632575.90 0.17585
505721.98 3632575.90 0.17892 501721.98
3632675.90 0.13450
501821.98 3632675.90 0.13908 501921.98
3632675.90 0.14412
502021.98 3632675.90 0.14987 502121.98
3632675.90 0.15517
502221.98 3632675.90 0.16030 502321.98
3632675.90 0.16659
502421.98 3632675.90 0.17280 502521.98
3632675.90 0.17899
502621.98 3632675.90 0.18184 502721.98
3632675.90 0.18493
502821.98 3632675.90 0.18404 502921.98
3632675.90 0.18533
503021.98 3632675.90 0.18844 503721.98
3632675.90 0.22000
503821.98 3632675.90 0.22215 503921.98
3632675.90 0.21748
504021.98 3632675.90 0.20128 504121.98
3632675.90 0.18829
504221.98 3632675.90 0.17792 504321.98
3632675.90 0.17364
504421.98 3632675.90 0.18259 504521.98
3632675.90 0.19176
504621.98 3632675.90 0.18950 504721.98
3632675.90 0.18468
504821.98 3632675.90 0.18409 504921.98
3632675.90 0.17550
505021.98 3632675.90 0.16510 505121.98
3632675.90 0.16433
505221.98 3632675.90 0.16533 505321.98
3632675.90 0.16639
505421.98 3632675.90 0.17808 505521.98
3632675.90 0.18620
505621.98 3632675.90 0.18832 505721.98
3632675.90 0.18281
502421.98 3632775.90 0.16986 502521.98
3632775.90 0.17277
502621.98 3632775.90 0.18014 502721.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 0.19515 | 504621.98 | 3632775.90 | 0.19336 |
| 504721.98 | 3632775.90 | 0.19215 | 504821.98 | 3632775.90 | 0.18615 |
| 504921.98 | 3632775.90 | 0.18050 | 505021.98 | 3632775.90 | 0.17178 |
| 505121.98 | 3632775.90 | 0.17161 | 505221.98 | 3632775.90 | 0.17273 |
| 505321.98 | 3632775.90 | 0.18248 | 505421.98 | 3632775.90 | 0.19266 |
| 505521.98 | 3632775.90 | 0.19969 | 505621.98 | 3632775.90 | 0.20244 |
| 505721.98 | 3632775.90 | 0.19788 | 501721.98 | | |

3632875.90 0.14410
501821.98 3632875.90 0.14909 501921.98
3632875.90 0.15435
502021.98 3632875.90 0.15963 502121.98
3632875.90 0.16569
502221.98 3632875.90 0.17101 502321.98
3632875.90 0.17779
502421.98 3632875.90 0.18581 502521.98
3632875.90 0.19358
502621.98 3632875.90 0.20125 502721.98
3632875.90 0.20441
502821.98 3632875.90 0.19900 502921.98
3632875.90 0.19388
503021.98 3632875.90 0.18858 503121.98
3632875.90 0.20392
503221.98 3632875.90 0.21726 503321.98
3632875.90 0.22395
503421.98 3632875.90 0.22947 503621.98
3632875.90 0.24338
503721.98 3632875.90 0.25043 503821.98
3632875.90 0.24882
503921.98 3632875.90 0.23275 504021.98
3632875.90 0.23064
504121.98 3632875.90 0.22578 504221.98
3632875.90 0.20697
504321.98 3632875.90 0.20058 504421.98
3632875.90 0.19824
504521.98 3632875.90 0.20029 504621.98
3632875.90 0.19937
504721.98 3632875.90 0.19888 504821.98
3632875.90 0.18907
504921.98 3632875.90 0.18236 505021.98
3632875.90 0.18259
505121.98 3632875.90 0.18309 505221.98
3632875.90 0.19273
505321.98 3632875.90 0.20188 505421.98
3632875.90 0.21192
505521.98 3632875.90 0.21256 505621.98
3632875.90 0.21649
505721.98 3632875.90 0.20971 501721.98
3632975.90 0.14862
501821.98 3632975.90 0.15403 501921.98
3632975.90 0.15970
502021.98 3632975.90 0.16583 502121.98
3632975.90 0.17184
505321.98 3632975.90 0.22580 505421.98
3632975.90 0.22865
505521.98 3632975.90 0.23315 505621.98
3632975.90 0.23107
505721.98 3632975.90 0.22198 501721.98

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 0.26679 | 505621.98 | 3633175.90 | 0.26677 |
| 505721.98 | 3633175.90 | 0.24784 | 501721.98 | 3633275.90 | 0.16440 |
| 501821.98 | 3633275.90 | 0.17091 | 501921.98 | 3633275.90 | 0.17706 |
| 502021.98 | 3633275.90 | 0.18412 | 502121.98 | 3633275.90 | 0.19001 |
| 505321.98 | 3633275.90 | 0.28251 | 505421.98 | 3633275.90 | 0.27260 |
| 505521.98 | 3633275.90 | 0.27905 | 505621.98 | | |

```
3633275.90        0.28518
         505721.98    3633275.90        0.26644                    501721.98
3633375.90        0.17093
         501821.98    3633375.90        0.17740                    501921.98
3633375.90        0.18386
         502021.98    3633375.90        0.19091                    502121.98
3633375.90        0.19850
         505321.98    3633375.90        0.30913                    505421.98
3633375.90        0.28596
         505521.98    3633375.90        0.28333                    505621.98
3633375.90        0.29567
         505721.98    3633375.90        0.28577                    501721.98
3633475.90        0.17875
         501821.98    3633475.90        0.18569                    501921.98
3633475.90        0.19342
         502021.98    3633475.90        0.20092                    502121.98
3633475.90        0.20724
         505321.98    3633475.90        0.32844                    505421.98
3633475.90        0.29935
         505521.98    3633475.90        0.29714                    505621.98
3633475.90        0.29722
         505721.98    3633475.90        0.29765                    501721.98
3633575.90        0.18747
         501821.98    3633575.90        0.19518                    501921.98
3633575.90        0.20274
         502021.98    3633575.90        0.21024                    502121.98
3633575.90        0.22007
         505321.98    3633575.90        0.33962                    505421.98
3633575.90        0.30449
         505521.98    3633575.90        0.30223                    505621.98
3633575.90        0.30768
         505721.98    3633575.90        0.30632                    501721.98
3633675.90        0.19765
         501821.98    3633675.90        0.20492                    501921.98
3633675.90        0.21381
         502021.98    3633675.90        0.22326                    502121.98
3633675.90        0.23301
         505321.98    3633675.90        0.33794                    505421.98
3633675.90        0.30006
         505521.98    3633675.90        0.29824                    505621.98
3633675.90        0.30253
         505721.98    3633675.90        0.31439                    501721.98
3633775.90        0.20920
         501821.98    3633775.90        0.21727                    501921.98
3633775.90        0.22616
         502021.98    3633775.90        0.23563                    502121.98
3633775.90        0.24492
         505321.98    3633775.90        0.34451                    505421.98
3633775.90        0.31608
         505521.98    3633775.90        0.29931                    505621.98
```

3633775.90        0.30276
         505721.98    3633775.90        0.31937                      501721.98
3633875.90        0.22112
         501821.98    3633875.90        0.23184                      501921.98
3633875.90        0.23767
         502021.98    3633875.90        0.25082                      502121.98
3633875.90        0.26056
         505321.98    3633875.90        0.34806                      505421.98
3633875.90        0.33214
         505521.98    3633875.90        0.31408                      505621.98
3633875.90        0.30224
         505721.98    3633875.90        0.32050                      501721.98
3633975.90        0.23450
         501821.98    3633975.90        0.24499                      501921.98
3633975.90        0.25592
         502021.98    3633975.90        0.26649                      502121.98
3633975.90        0.27971
         505321.98    3633975.90        0.35354                      505421.98
3633975.90        0.34074

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3634075.90 0.34825
505521.98 3634075.90 0.35516 505621.98
3634075.90 0.34434
505721.98 3634075.90 0.31353 501721.98
3634175.90 0.26138
501821.98 3634175.90 0.27698 501921.98
3634175.90 0.29143
502021.98 3634175.90 0.30033 502121.98
3634175.90 0.31731
505321.98 3634175.90 0.41299 505421.98
3634175.90 0.39987
505521.98 3634175.90 0.38317 505621.98
3634175.90 0.33589
505721.98 3634175.90 0.29663 501721.98
3634275.90 0.27669
501821.98 3634275.90 0.29050 501921.98
3634275.90 0.30506
502021.98 3634275.90 0.31966 502121.98
3634275.90 0.33641
505321.98 3634275.90 0.46213 505421.98
3634275.90 0.43297
505521.98 3634275.90 0.36251 505621.98
3634275.90 0.32673
505721.98 3634275.90 0.29011 501721.98
3634375.90 0.29666
501821.98 3634375.90 0.31473 501921.98
3634375.90 0.32789
502021.98 3634375.90 0.34461 502121.98
3634375.90 0.36733
505321.98 3634375.90 0.48073 505421.98
3634375.90 0.44096
505521.98 3634375.90 0.34988 505621.98
3634375.90 0.30469
505721.98 3634375.90 0.28174 501721.98
3634475.90 0.31541
501821.98 3634475.90 0.33567 501921.98
3634475.90 0.35579
502021.98 3634475.90 0.38040 502121.98
3634475.90 0.39964
505321.98 3634475.90 0.48493 505421.98
3634475.90 0.46746
505521.98 3634475.90 0.41351 505621.98
3634475.90 0.34279
505721.98 3634475.90 0.28544 501721.98
3634575.90 0.33001
501821.98 3634575.90 0.34882 501921.98
3634575.90 0.36968
502021.98 3634575.90 0.39493 502121.98
3634575.90 0.42310
505321.98 3634575.90 0.47285 505421.98

3634575.90        0.47516
         505521.98    3634575.90        0.44046                        505621.98
3634575.90        0.36736
         505721.98    3634575.90        0.29841                        501721.98
3634675.90        0.34284
         501821.98    3634675.90        0.36529                        501921.98
3634675.90        0.38646
         502021.98    3634675.90        0.41277                        502121.98
3634675.90        0.42699
         505321.98    3634675.90        0.47123                        505421.98
3634675.90        0.47375
         505521.98    3634675.90        0.44386                        505621.98
3634675.90        0.41133
         505721.98    3634675.90        0.34965                        501721.98
3634775.90        0.34861
         501821.98    3634775.90        0.37257                        501921.98
3634775.90        0.38999
         502021.98    3634775.90        0.41875                        502121.98
3634775.90        0.44099
         505321.98    3634775.90        0.46684                        505421.98
3634775.90        0.46512

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3634775.90        0.43810                        505621.98
3634775.90        0.41047
         505721.98    3634775.90        0.38268                        501721.98
3634875.90        0.34830
         501821.98    3634875.90        0.37214                        501921.98
3634875.90        0.39410
         502021.98    3634875.90        0.41551                        502121.98

3634875.90 0.43723
505321.98 3634875.90 0.47166 505421.98
3634875.90 0.45300
505521.98 3634875.90 0.42811 505621.98
3634875.90 0.40473
505721.98 3634875.90 0.38078 501721.98
3634975.90 0.34781
501821.98 3634975.90 0.36687 501921.98
3634975.90 0.38069
502021.98 3634975.90 0.39763 502121.98
3634975.90 0.41793
505321.98 3634975.90 0.45285 505421.98
3634975.90 0.43797
505521.98 3634975.90 0.41626 505621.98
3634975.90 0.39432
505721.98 3634975.90 0.37445 501721.98
3635075.90 0.33470
501821.98 3635075.90 0.34899 501921.98
3635075.90 0.35798
502021.98 3635075.90 0.37296 502121.98
3635075.90 0.39256
505321.98 3635075.90 0.43360 505421.98
3635075.90 0.42151
505521.98 3635075.90 0.40263 505621.98
3635075.90 0.37880
505721.98 3635075.90 0.36510 501721.98
3635175.90 0.31678
501821.98 3635175.90 0.32874 501921.98
3635175.90 0.33589
502021.98 3635175.90 0.34870 502121.98
3635175.90 0.36435
505321.98 3635175.90 0.43474 505421.98
3635175.90 0.41046
505521.98 3635175.90 0.39053 505621.98
3635175.90 0.37164
505721.98 3635175.90 0.35367 501721.98
3635275.90 0.29402
501821.98 3635275.90 0.30503 501921.98
3635275.90 0.31361
502021.98 3635275.90 0.32264 502121.98
3635275.90 0.33756
505621.98 3635275.90 0.36271 505721.98
3635275.90 0.34464
501721.98 3635375.90 0.27410 501821.98
3635375.90 0.28372
501921.98 3635375.90 0.29207 502021.98
3635375.90 0.30036
502121.98 3635375.90 0.31362 505621.98
3635375.90 0.35313
501721.98 3635475.90 0.25517 501821.98

3635475.90        0.26331
         501921.98    3635475.90        0.27371                        502021.98
3635475.90        0.28456
         502121.98    3635475.90        0.29262                        505621.98
3635475.90        0.34756
         505721.98    3635475.90        0.33748                        501721.98
3635575.90        0.23938
         501821.98    3635575.90        0.24732                        501921.98
3635575.90        0.25740
         502021.98    3635575.90        0.26575                        502121.98
3635575.90        0.27354
         505321.98    3635575.90        0.38363                        505421.98
3635575.90        0.38131
         505521.98    3635575.90        0.36171                        505621.98
3635575.90        0.34195
         505721.98    3635575.90        0.32689                        501721.98
3635675.90        0.22485
         501821.98    3635675.90        0.23349                        501921.98
3635675.90        0.24251
         502021.98    3635675.90        0.25073                        502121.98
3635675.90        0.25877
         505321.98    3635675.90        0.37508                        505421.98
3635675.90        0.35946

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635775.90 0.23038
502021.98 3635775.90 0.23893 502121.98
3635775.90 0.24805
505321.98 3635775.90 0.36488 505421.98
3635775.90 0.34448
505521.98 3635775.90 0.32730 505621.98
3635775.90 0.31358
505721.98 3635775.90 0.29706 501721.98
3635875.90 0.20087
501821.98 3635875.90 0.21018 501921.98
3635875.90 0.21995
502021.98 3635875.90 0.22814 502121.98
3635875.90 0.23764
505321.98 3635875.90 0.35253 505421.98
3635875.90 0.33818
505521.98 3635875.90 0.31998 505621.98
3635875.90 0.30443
505721.98 3635875.90 0.28930 501721.98
3635975.90 0.19194
501821.98 3635975.90 0.20172 501921.98
3635975.90 0.21092
502021.98 3635975.90 0.21886 502121.98
3635975.90 0.22832
505321.98 3635975.90 0.34844 505421.98
3635975.90 0.33135
505521.98 3635975.90 0.31436 505621.98
3635975.90 0.29711
505721.98 3635975.90 0.28430 501721.98
3636075.90 0.18555
501821.98 3636075.90 0.19376 501921.98
3636075.90 0.20255
502021.98 3636075.90 0.21069 502121.98
3636075.90 0.22015
502221.98 3636075.90 0.23104 502321.98
3636075.90 0.24401
502421.98 3636075.90 0.25690 502521.98
3636075.90 0.26803
502621.98 3636075.90 0.27952 502721.98
3636075.90 0.29252
502821.98 3636075.90 0.30559 502921.98
3636075.90 0.31773
503021.98 3636075.90 0.33030 503121.98
3636075.90 0.34167
503221.98 3636075.90 0.35574 503321.98
3636075.90 0.37100
503421.98 3636075.90 0.38646 503521.98
3636075.90 0.40177
503621.98 3636075.90 0.41428 503721.98
3636075.90 0.42324
503821.98 3636075.90 0.42927 503921.98

3636075.90        0.43292
         504021.98    3636075.90        0.43822                        504121.98
3636075.90        0.44324
         504221.98    3636075.90        0.44856                        504321.98
3636075.90        0.45214
         504421.98    3636075.90        0.45013                        504521.98
3636075.90        0.44318
         504621.98    3636075.90        0.43321                        504721.98
3636075.90        0.42609
         504821.98    3636075.90        0.41901                        504921.98
3636075.90        0.40875
         505021.98    3636075.90        0.39225                        505121.98
3636075.90        0.37611
         505221.98    3636075.90        0.35926                        505321.98
3636075.90        0.34117
         505421.98    3636075.90        0.32620                        505521.98
3636075.90        0.30769
         505621.98    3636075.90        0.29199                        505721.98
3636075.90        0.27805
         501721.98    3636175.90        0.17759                        501821.98
3636175.90        0.18612
         501921.98    3636175.90        0.19547                        502021.98
3636175.90        0.20375
         502121.98    3636175.90        0.21295                        502221.98
3636175.90        0.22379

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3636175.90        0.23633                        502421.98
3636175.90        0.24864
         502521.98    3636175.90        0.25893                        502621.98

3636175.90 0.27005
502721.98 3636175.90 0.28099 502821.98
3636175.90 0.29284
502921.98 3636175.90 0.30417 503021.98
3636175.90 0.31441
503121.98 3636175.90 0.32116 503221.98
3636175.90 0.33656
503321.98 3636175.90 0.35126 503421.98
3636175.90 0.36525
503521.98 3636175.90 0.37811 503621.98
3636175.90 0.38911
503721.98 3636175.90 0.39663 503821.98
3636175.90 0.40111
503921.98 3636175.90 0.40423 504021.98
3636175.90 0.40791
504121.98 3636175.90 0.41216 504221.98
3636175.90 0.41754
504321.98 3636175.90 0.41850 504421.98
3636175.90 0.40968
504521.98 3636175.90 0.37494 504621.98
3636175.90 0.39408
504721.98 3636175.90 0.40034 504821.98
3636175.90 0.38847
504921.98 3636175.90 0.37976 505021.98
3636175.90 0.37263
505121.98 3636175.90 0.36342 505221.98
3636175.90 0.34805
505321.98 3636175.90 0.33148 505421.98
3636175.90 0.31555
505521.98 3636175.90 0.30158 505621.98
3636175.90 0.28647
505721.98 3636175.90 0.27244 501721.98
3636275.90 0.17188
501821.98 3636275.90 0.17994 501921.98
3636275.90 0.18897
502021.98 3636275.90 0.19802 502121.98
3636275.90 0.20790
502221.98 3636275.90 0.21861 502321.98
3636275.90 0.22953
502421.98 3636275.90 0.24022 502521.98
3636275.90 0.25050
502621.98 3636275.90 0.25962 502721.98
3636275.90 0.27009
502821.98 3636275.90 0.28054 502921.98
3636275.90 0.29030
503021.98 3636275.90 0.30017 503121.98
3636275.90 0.30833
503221.98 3636275.90 0.31739 503321.98
3636275.90 0.33065
503421.98 3636275.90 0.34441 503521.98

3636275.90        0.35622
         503621.98    3636275.90        0.36565                        503721.98
3636275.90        0.37224
         503821.98    3636275.90        0.37611                        503921.98
3636275.90        0.37847
         504021.98    3636275.90        0.38072                        504121.98
3636275.90        0.38223
         504221.98    3636275.90        0.37381                        504321.98
3636275.90        0.31051
         504421.98    3636275.90        0.29011                        504521.98
3636275.90        0.27219
         504621.98    3636275.90        0.31751                        504721.98
3636275.90        0.35950
         504821.98    3636275.90        0.33640                        504921.98
3636275.90        0.35422
         505021.98    3636275.90        0.35805                        505121.98
3636275.90        0.35055
         505221.98    3636275.90        0.33689                        505321.98
3636275.90        0.32154
         505421.98    3636275.90        0.30693                        505521.98
3636275.90        0.29443
         505621.98    3636275.90        0.28050                        505721.98
3636275.90        0.26654
         501721.98    3636375.90        0.16633                        501821.98
3636375.90        0.17457
         501921.98    3636375.90        0.18401                        502021.98
3636375.90        0.19257

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502121.98    3636375.90        0.20208                        502221.98

3636375.90 0.21165
502321.98 3636375.90 0.22108 502421.98
3636375.90 0.23167
502521.98 3636375.90 0.24136 502621.98
3636375.90 0.25124
502721.98 3636375.90 0.25956 502821.98
3636375.90 0.26797
502921.98 3636375.90 0.27619 503021.98
3636375.90 0.28408
503121.98 3636375.90 0.29051 503221.98
3636375.90 0.29670
503321.98 3636375.90 0.30863 503421.98
3636375.90 0.32480
503521.98 3636375.90 0.33540 503621.98
3636375.90 0.34352
503721.98 3636375.90 0.34975 503821.98
3636375.90 0.35342
503921.98 3636375.90 0.35313 504021.98
3636375.90 0.35295
504121.98 3636375.90 0.34759 504221.98
3636375.90 0.31937
504321.98 3636375.90 0.27338 504421.98
3636375.90 0.24959
504521.98 3636375.90 0.24485 504621.98
3636375.90 0.26989
504721.98 3636375.90 0.30305 504821.98
3636375.90 0.27799
504921.98 3636375.90 0.28332 505021.98
3636375.90 0.32674
505121.98 3636375.90 0.33451 505221.98
3636375.90 0.32315
505321.98 3636375.90 0.31095 505421.98
3636375.90 0.29910
505521.98 3636375.90 0.28650 505621.98
3636375.90 0.27399
505721.98 3636375.90 0.26121 501721.98
3636475.90 0.15923
501821.98 3636475.90 0.16792 501921.98
3636475.90 0.17869
502021.98 3636475.90 0.18650 502121.98
3636475.90 0.19504
502221.98 3636475.90 0.20433 502321.98
3636475.90 0.21422
502421.98 3636475.90 0.22420 502521.98
3636475.90 0.23291
502621.98 3636475.90 0.24173 502721.98
3636475.90 0.24933
502821.98 3636475.90 0.25535 502921.98
3636475.90 0.26208
503021.98 3636475.90 0.26752 503121.98

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3636475.90        0.27148
         503221.98    3636475.90        0.27570                      503321.98
3636475.90        0.28894
         503421.98    3636475.90        0.30306                      503521.98
3636475.90        0.31412
         503621.98    3636475.90        0.32169                      503721.98
3636475.90        0.32824
         503821.98    3636475.90        0.32935                      503921.98
3636475.90        0.32700
         504021.98    3636475.90        0.29202                      504121.98
3636475.90        0.29989
         504221.98    3636475.90        0.29838                      504321.98
3636475.90        0.25076
         504421.98    3636475.90        0.23017                      504521.98
3636475.90        0.22374
         504621.98    3636475.90        0.22672                      504721.98
3636475.90        0.23357
         504821.98    3636475.90        0.23731                      504921.98
3636475.90        0.26475
         505021.98    3636475.90        0.30959                      505121.98
3636475.90        0.32126
         505221.98    3636475.90        0.31155                      505321.98
3636475.90        0.30093
         505421.98    3636475.90        0.29083                      505521.98
3636475.90        0.27952
         505621.98    3636475.90        0.26785                      505721.98
3636475.90        0.25641
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                   INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 502721.98 | 3633475.90 | 0.91886 | | 502771.98 | 3633475.90 | 0.95520 |
| | 502821.98 | 3633475.90 | 0.99302 | | 502871.98 | 3633475.90 | 1.03210 |
| | 502921.98 | 3633475.90 | 1.07205 | | 502971.98 | 3633475.90 | 1.11371 |
| | 503021.98 | 3633475.90 | 1.15645 | | 503071.98 | 3633475.90 | 1.19946 |
| | 503121.98 | 3633475.90 | 1.24350 | | 503171.98 | 3633475.90 | 1.28777 |
| | 503221.98 | 3633475.90 | 1.32945 | | 503271.98 | 3633475.90 | 1.37128 |
| | 503321.98 | 3633475.90 | 1.12765 | | 503371.98 | 3633475.90 | 0.85009 |
| | 503421.98 | 3633475.90 | 0.86433 | | 503471.98 | 3633475.90 | 0.89036 |
| | 503521.98 | 3633475.90 | 0.93590 | | 503621.98 | 3633475.90 | 0.94061 |
| | 503671.98 | 3633475.90 | 0.83915 | | 503721.98 | 3633475.90 | 0.77241 |
| | 503771.98 | 3633475.90 | 0.78252 | | 503821.98 | 3633475.90 | 0.74898 |
| | 503871.98 | 3633475.90 | 0.75232 | | 503921.98 | 3633475.90 | 0.81105 |
| | 503971.98 | 3633475.90 | 0.81796 | | 504021.98 | 3633475.90 | 0.78254 |
| | 504071.98 | 3633475.90 | 0.79433 | | 504121.98 | 3633475.90 | 0.82753 |
| | 504171.98 | 3633475.90 | 0.79590 | | 504221.98 | 3633475.90 | 0.81167 |
| | 504271.98 | 3633475.90 | 0.83804 | | 504321.98 | 3633475.90 | 0.83620 |
| | 504371.98 | 3633475.90 | 0.76029 | | 504421.98 | 3633475.90 | 0.71071 |
| | 504471.98 | 3633475.90 | 0.68452 | | 504521.98 | 3633475.90 | 0.67958 |
| | 504571.98 | 3633475.90 | 0.69722 | | 504621.98 | 3633475.90 | 0.71910 |
| | 504671.98 | 3633475.90 | 0.72780 | | 504721.98 | 3633475.90 | 0.74691 |
| | 502721.98 | 3633525.90 | 0.95531 | | 502771.98 | 3633525.90 | 0.99505 |
| | 502821.98 | 3633525.90 | 1.03659 | | 502871.98 | 3633525.90 | 1.07968 |
| | 502921.98 | 3633525.90 | 1.12423 | | 502971.98 | 3633525.90 | 1.17054 |
| | 503021.98 | 3633525.90 | 1.21812 | | 503071.98 | 3633525.90 | 1.26686 |
| | 503121.98 | 3633525.90 | 1.31668 | | 503171.98 | | |

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3633525.90        1.36640
         503221.98    3633525.90        1.41563                          503271.98
3633525.90        1.46204
         503321.98    3633525.90        1.35649                          503371.98
3633525.90        1.12443
         503421.98    3633525.90        1.09118                          503471.98
3633525.90        1.09658
         503521.98    3633525.90        1.07617                          503621.98
3633525.90        1.14695
         503671.98    3633525.90        1.06989                          503721.98
3633525.90        1.06229
         503771.98    3633525.90        0.96289                          503821.98
3633525.90        0.87470
         503871.98    3633525.90        0.90838                          503921.98
3633525.90        0.97736
         503971.98    3633525.90        0.94776                          504021.98
3633525.90        0.89329
         504071.98    3633525.90        0.91133                          504121.98
3633525.90        0.95959
         504171.98    3633525.90        0.96226                          504221.98
3633525.90        0.96964
         504271.98    3633525.90        0.93919                          504321.98
3633525.90        0.81844
         504371.98    3633525.90        0.77651                          504421.98
3633525.90        0.74634
         504471.98    3633525.90        0.73526                          504521.98
3633525.90        0.75586
         504571.98    3633525.90        0.78614                          504621.98
3633525.90        0.80688
         504671.98    3633525.90        0.80798                          504721.98
3633525.90        0.80559
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 0.99295 | 502771.98 | 3633575.90 | 1.03624 |
| 502821.98 | 3633575.90 | 1.08197 | 502871.98 | 3633575.90 | 1.12974 |
| 502921.98 | 3633575.90 | 1.17929 | 502971.98 | 3633575.90 | 1.23073 |
| 503021.98 | 3633575.90 | 1.28373 | 503071.98 | 3633575.90 | 1.33861 |
| 503121.98 | 3633575.90 | 1.39501 | 503171.98 | 3633575.90 | 1.45175 |
| 503221.98 | 3633575.90 | 1.50827 | 503271.98 | 3633575.90 | 1.56401 |
| 503321.98 | 3633575.90 | 1.55042 | 503371.98 | 3633575.90 | 1.39638 |
| 503421.98 | 3633575.90 | 1.37282 | 503471.98 | 3633575.90 | 1.34226 |
| 503521.98 | 3633575.90 | 1.40742 | 503621.98 | 3633575.90 | 1.24949 |
| 503671.98 | 3633575.90 | 1.25859 | 503721.98 | 3633575.90 | 1.27711 |
| 503771.98 | 3633575.90 | 1.17150 | 503821.98 | 3633575.90 | 1.09918 |
| 503871.98 | 3633575.90 | 1.16200 | 503921.98 | 3633575.90 | 1.17284 |
| 503971.98 | 3633575.90 | 1.11234 | 504021.98 | 3633575.90 | 1.09834 |
| 504071.98 | 3633575.90 | 1.07339 | 504121.98 | 3633575.90 | 1.11061 |
| 504171.98 | 3633575.90 | 1.12032 | 504221.98 | 3633575.90 | 1.13604 |
| 504271.98 | 3633575.90 | 0.99442 | 504321.98 | 3633575.90 | 0.87094 |
| 504371.98 | 3633575.90 | 0.83307 | 504421.98 | 3633575.90 | 0.80064 |
| 504471.98 | 3633575.90 | 0.80731 | 504521.98 | 3633575.90 | 0.84907 |
| 504571.98 | 3633575.90 | 0.89151 | 504621.98 | 3633575.90 | 0.88012 |
| 504671.98 | 3633575.90 | 0.87220 | 504721.98 | 3633575.90 | 0.87047 |
| 502721.98 | 3633625.90 | 1.03239 | 502771.98 | 3633625.90 | 1.07959 |
| 502821.98 | 3633625.90 | 1.12928 | 502871.98 | 3633625.90 | 1.18173 |
| 502921.98 | 3633625.90 | 1.23672 | 502971.98 | | |

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3633625.90        1.29445
         503021.98    3633625.90        1.35398                          503071.98
3633625.90        1.41596
         503121.98    3633625.90        1.47958                          503171.98
3633625.90        1.54447
         503221.98    3633625.90        1.60989                          503271.98
3633625.90        1.67440
         503321.98    3633625.90        1.73701                          503371.98
3633625.90        1.60869
         503421.98    3633625.90        1.55768                          503471.98
3633625.90        1.53057
         503521.98    3633625.90        1.56165                          503621.98
3633625.90        1.44433
         503671.98    3633625.90        1.37819                          503721.98
3633625.90        1.43218
         503771.98    3633625.90        1.29811                          503821.98
3633625.90        1.28693
         503871.98    3633625.90        1.32987                          503921.98
3633625.90        1.30592
         503971.98    3633625.90        1.29740                          504021.98
3633625.90        1.25224
         504071.98    3633625.90        1.22267                          504121.98
3633625.90        1.28180
         504171.98    3633625.90        1.29192                          504221.98
3633625.90        1.25757
         504271.98    3633625.90        1.12729                          504321.98
3633625.90        1.01984
         504371.98    3633625.90        0.93645                          504421.98
3633625.90        0.90117
         504471.98    3633625.90        0.90264                          504521.98
3633625.90        0.96874
         504571.98    3633625.90        0.98079                          504621.98
3633625.90        0.96669
         504671.98    3633625.90        0.98022                          504721.98
3633625.90        0.95821
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                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                    INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 1.07318 | 502771.98 | 3633675.90 | 1.12454 |
| 502821.98 | 3633675.90 | 1.17885 | 502871.98 | 3633675.90 | 1.23643 |
| 502921.98 | 3633675.90 | 1.29773 | 502971.98 | 3633675.90 | 1.36185 |
| 503021.98 | 3633675.90 | 1.42888 | 503071.98 | 3633675.90 | 1.49857 |
| 503121.98 | 3633675.90 | 1.57089 | 503171.98 | 3633675.90 | 1.64529 |
| 503221.98 | 3633675.90 | 1.72093 | 503271.98 | 3633675.90 | 1.79660 |
| 503321.98 | 3633675.90 | 1.87115 | 503371.98 | 3633675.90 | 1.94492 |
| 503421.98 | 3633675.90 | 2.01521 | 503471.98 | 3633675.90 | 1.85449 |
| 503521.98 | 3633675.90 | 1.87731 | 503571.98 | 3633675.90 | 1.58949 |
| 503671.98 | 3633675.90 | 1.54414 | 503721.98 | 3633675.90 | 1.57336 |
| 503771.98 | 3633675.90 | 1.56015 | 503821.98 | 3633675.90 | 1.52056 |
| 503871.98 | 3633675.90 | 1.49351 | 503921.98 | 3633675.90 | 1.49540 |
| 503971.98 | 3633675.90 | 1.46555 | 504021.98 | 3633675.90 | 1.42985 |
| 504071.98 | 3633675.90 | 1.43391 | 504121.98 | 3633675.90 | 1.46639 |
| 504171.98 | 3633675.90 | 1.47734 | 504221.98 | 3633675.90 | 1.44637 |
| 504271.98 | 3633675.90 | 1.32707 | 504321.98 | 3633675.90 | 1.17360 |
| 504371.98 | 3633675.90 | 1.06441 | 504421.98 | 3633675.90 | 1.02957 |
| 504471.98 | 3633675.90 | 1.06471 | 504521.98 | 3633675.90 | 1.09971 |
| 504571.98 | 3633675.90 | 1.08575 | 504621.98 | 3633675.90 | 1.08076 |
| 504671.98 | 3633675.90 | 1.07199 | 504721.98 | 3633675.90 | 1.06005 |
| 502721.98 | 3633725.90 | 1.11524 | 502771.98 | | |

3633725.90        1.17137
         502821.98    3633725.90        1.23070                          502871.98
3633725.90        1.29428
         502921.98    3633725.90        1.36239                          502971.98
3633725.90        1.43351
         503021.98    3633725.90        1.50782                          503071.98
3633725.90        1.58704
         503121.98    3633725.90        1.66940                          503171.98
3633725.90        1.75487
         503221.98    3633725.90        1.84259                          503271.98
3633725.90        1.93164
         503321.98    3633725.90        2.02074                          503371.98
3633725.90        2.10885
         503421.98    3633725.90        2.19433                          503471.98
3633725.90        2.27089
         503521.98    3633725.90        2.14584                          503571.98
3633725.90        2.08878
         503721.98    3633725.90        1.87050                          503771.98
3633725.90        1.78065
         503821.98    3633725.90        1.76984                          503871.98
3633725.90        1.71885
         503921.98    3633725.90        1.70398                          503971.98
3633725.90        1.64081
         504021.98    3633725.90        1.61827                          504071.98
3633725.90        1.63014
         504121.98    3633725.90        1.69838                          504171.98
3633725.90        1.67352
         504221.98    3633725.90        1.61901                          504271.98
3633725.90        1.60350
         504321.98    3633725.90        1.38463                          504371.98
3633725.90        1.25206
         504421.98    3633725.90        1.21483                          504471.98
3633725.90        1.23799
         504521.98    3633725.90        1.23515                          504571.98
3633725.90        1.21433
         504621.98    3633725.90        1.24829                          504671.98
3633725.90        1.21719
         504721.98    3633725.90        1.17067                          502721.98
3633775.90        1.15817

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911

, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
3633825.90        1.34039
         502871.98    3633825.90        1.41717                          502921.98
3633825.90        1.50042
         502971.98    3633825.90        1.58867                          503021.98
3633825.90        1.68296
         503071.98    3633825.90        1.78353                          503121.98
3633825.90        1.89041
         503171.98    3633825.90        2.00339                          503221.98
3633825.90        2.12179
         503271.98    3633825.90        2.24453                          503771.98
3633825.90        2.47326
         503821.98    3633825.90        2.45915                          503871.98
3633825.90        2.33406
         503921.98    3633825.90        2.17985                          503971.98
3633825.90        2.14250
         504021.98    3633825.90        2.33461                          504071.98
3633825.90        2.29723
         504121.98    3633825.90        2.27528                          504171.98
3633825.90        2.28119
         504221.98    3633825.90        2.20359                          504271.98
3633825.90        2.14371
         504321.98    3633825.90        2.06828                          504371.98
3633825.90        1.95608
         504421.98    3633825.90        1.82461                          504471.98
3633825.90        1.76278
         504521.98    3633825.90        1.75803                          504571.98
3633825.90        1.78215
         504621.98    3633825.90        1.67447                          504671.98
3633825.90        1.57594
         504721.98    3633825.90        1.52602                          502721.98
3633875.90        1.24634
         502771.98    3633875.90        1.31891                          502821.98
3633875.90        1.39715
         502871.98    3633875.90        1.48147                          502921.98
3633875.90        1.57372
         502971.98    3633875.90        1.67194                          503021.98
3633875.90        1.77774
         503071.98    3633875.90        1.89132                          503121.98
3633875.90        2.01344
         503171.98    3633875.90        2.14354                          503221.98
3633875.90        2.28135
         503271.98    3633875.90        2.42609                          503821.98
3633875.90        2.84016
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***

INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 2.65851 | 503921.98 | 3633875.90 | 2.59138 |
| 503971.98 | 3633875.90 | 2.79844 | 504021.98 | 3633875.90 | 2.76250 |
| 504071.98 | 3633875.90 | 2.64168 | 504121.98 | 3633875.90 | 2.66868 |
| 504171.98 | 3633875.90 | 2.59056 | 504221.98 | 3633875.90 | 2.53398 |
| 504271.98 | 3633875.90 | 2.46270 | 504321.98 | 3633875.90 | 2.33293 |
| 504371.98 | 3633875.90 | 2.24333 | 504421.98 | 3633875.90 | 2.12635 |
| 504471.98 | 3633875.90 | 2.08220 | 504521.98 | 3633875.90 | 2.10983 |
| 504571.98 | 3633875.90 | 2.05798 | 504621.98 | 3633875.90 | 1.94561 |
| 504671.98 | 3633875.90 | 1.72056 | 504721.98 | 3633875.90 | 1.67298 |
| 502721.98 | 3633925.90 | 1.29062 | 502771.98 | 3633925.90 | 1.36907 |
| 502821.98 | 3633925.90 | 1.45450 | 502871.98 | 3633925.90 | 1.54778 |
| 502921.98 | 3633925.90 | 1.64925 | 502971.98 | 3633925.90 | 1.75851 |
| 503021.98 | 3633925.90 | 1.87722 | 503071.98 | 3633925.90 | 2.00560 |
| 503121.98 | 3633925.90 | 2.14471 | 503171.98 | 3633925.90 | 2.29484 |
| 503221.98 | 3633925.90 | 2.45599 | 503271.98 | 3633925.90 | 2.62717 |
| 503821.98 | 3633925.90 | 3.37351 | 503871.98 | 3633925.90 | 3.25609 |
| 503921.98 | 3633925.90 | 3.27511 | 503971.98 | | |

```
3633925.90        3.43767
         504021.98    3633925.90        3.25955                     504071.98
3633925.90        3.19213
         504121.98    3633925.90        3.07175                     504171.98
3633925.90        3.03349
         504221.98    3633925.90        2.98746                     504271.98
3633925.90        2.88831
         504321.98    3633925.90        2.81862                     504371.98
3633925.90        2.67984
         504421.98    3633925.90        2.61395                     504471.98
3633925.90        2.51206
         504521.98    3633925.90        2.38777                     504571.98
3633925.90        2.18541
         504621.98    3633925.90        2.02489                     504671.98
3633925.90        1.89961
         504721.98    3633925.90        1.78128                     502721.98
3633975.90        1.33488
         502771.98    3633975.90        1.41932                     502821.98
3633975.90        1.51168
         502871.98    3633975.90        1.61450                     502921.98
3633975.90        1.72635
         502971.98    3633975.90        1.84750                     503021.98
3633975.90        1.98076
         503071.98    3633975.90        2.12613                     503121.98
3633975.90        2.28474
         503171.98    3633975.90        2.45776                     503221.98
3633975.90        2.64569
         503271.98    3633975.90        2.84841                     503821.98
3633975.90        4.05545
         503871.98    3633975.90        4.00036                     503921.98
3633975.90        4.28941
         503971.98    3633975.90        4.12504                     504021.98
3633975.90        3.90780
         504071.98    3633975.90        3.72897                     504121.98
3633975.90        3.66015
         504171.98    3633975.90        3.56943                     504221.98
3633975.90        3.42881
         504271.98    3633975.90        3.32978                     504321.98
3633975.90        3.26708
         504371.98    3633975.90        3.09071                     504421.98
3633975.90        2.98549
         504471.98    3633975.90        2.71986                     504521.98
3633975.90        2.42888
         504571.98    3633975.90        2.27336                     504621.98
3633975.90        2.11714
         504671.98    3633975.90        1.94584                     504721.98
3633975.90        1.75930
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***

INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 1.37973 | 502771.98 | 3634025.90 | 1.47123 |
| 502821.98 | 3634025.90 | 1.57095 | 502871.98 | 3634025.90 | 1.68139 |
| 502921.98 | 3634025.90 | 1.80309 | 502971.98 | 3634025.90 | 1.93806 |
| 503021.98 | 3634025.90 | 2.08748 | 503071.98 | 3634025.90 | 2.25146 |
| 503121.98 | 3634025.90 | 2.43255 | 503171.98 | 3634025.90 | 2.63200 |
| 503221.98 | 3634025.90 | 2.85144 | 503271.98 | 3634025.90 | 3.09188 |
| 503871.98 | 3634025.90 | 5.05521 | 503921.98 | 3634025.90 | 5.39741 |
| 503971.98 | 3634025.90 | 4.80821 | 504021.98 | 3634025.90 | 4.66601 |
| 504071.98 | 3634025.90 | 4.45349 | 504121.98 | 3634025.90 | 4.30554 |
| 504171.98 | 3634025.90 | 4.10590 | 504221.98 | 3634025.90 | 3.99747 |
| 504271.98 | 3634025.90 | 3.85915 | 504321.98 | 3634025.90 | 3.74243 |
| 504371.98 | 3634025.90 | 3.51426 | 504421.98 | 3634025.90 | 3.09575 |
| 504471.98 | 3634025.90 | 2.80979 | 504521.98 | 3634025.90 | 2.60276 |
| 504571.98 | 3634025.90 | 2.37468 | 504621.98 | 3634025.90 | 2.10727 |
| 504671.98 | 3634025.90 | 1.90908 | 504721.98 | | |

3634025.90 1.73638
502721.98 3634075.90 1.42288 502771.98
3634075.90 1.51923
502821.98 3634075.90 1.62711 502871.98
3634075.90 1.74781
502921.98 3634075.90 1.88104 502971.98
3634075.90 2.02921
503021.98 3634075.90 2.19569 503071.98
3634075.90 2.38046
503121.98 3634075.90 2.58646 503171.98
3634075.90 2.81633
503221.98 3634075.90 3.07264 503271.98
3634075.90 3.35762
503871.98 3634075.90 6.53389 503921.98
3634075.90 6.36666
503971.98 3634075.90 6.11197 504021.98
3634075.90 5.46154
504071.98 3634075.90 5.25108 504121.98
3634075.90 5.04826
504171.98 3634075.90 4.86436 504221.98
3634075.90 4.71726
504271.98 3634075.90 4.56412 504321.98
3634075.90 4.27505
504371.98 3634075.90 3.78614 504421.98
3634075.90 3.38990
504471.98 3634075.90 2.99833 504521.98
3634075.90 2.61869
504571.98 3634075.90 2.30619 504621.98
3634075.90 2.01065
504671.98 3634075.90 1.84172 504721.98
3634075.90 1.71024
502721.98 3634125.90 1.46434 502771.98
3634125.90 1.56645
502821.98 3634125.90 1.68234 502871.98
3634125.90 1.81288
502921.98 3634125.90 1.95716 502971.98
3634125.90 2.11968
503021.98 3634125.90 2.30389 503071.98
3634125.90 2.51045
503121.98 3634125.90 2.74420 503171.98
3634125.90 3.00847
503221.98 3634125.90 3.30596 503271.98
3634125.90 3.64453
503921.98 3634125.90 7.63707 503971.98
3634125.90 7.27034
504021.98 3634125.90 6.86273 504071.98
3634125.90 6.26286
504121.98 3634125.90 6.06750 504171.98
3634125.90 5.84232
504221.98 3634125.90 5.62645 504271.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN    ***
                                    INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

3634175.90 6.96297
504221.98 3634175.90 6.61976 504271.98
3634175.90 6.20163
504321.98 3634175.90 5.68340 504371.98
3634175.90 4.38538
504421.98 3634175.90 3.27414 504471.98
3634175.90 2.90876
504521.98 3634175.90 2.56811 504571.98
3634175.90 2.17373
504621.98 3634175.90 1.92441 504671.98
3634175.90 1.76653
504721.98 3634175.90 1.60987 502721.98
3634225.90 1.53740
502771.98 3634225.90 1.65498 502821.98
3634225.90 1.78720
502871.98 3634225.90 1.93565 502921.98
3634225.90 2.10220
502971.98 3634225.90 2.29322 503021.98
3634225.90 2.51382
503071.98 3634225.90 2.76596 503121.98
3634225.90 3.05780
503171.98 3634225.90 3.39619 503221.98
3634225.90 3.79194
503271.98 3634225.90 4.25882 504071.98
3634225.90 9.30264
504121.98 3634225.90 8.55165 504171.98
3634225.90 8.26890
504221.98 3634225.90 7.54355 504271.98
3634225.90 6.99080
504321.98 3634225.90 6.24965 504371.98
3634225.90 4.42985
504421.98 3634225.90 3.27316 504471.98
3634225.90 2.90090
504521.98 3634225.90 2.56129 504571.98
3634225.90 2.21752
504621.98 3634225.90 1.95756 504671.98
3634225.90 1.75256
504721.98 3634225.90 1.57659 502721.98
3634275.90 1.57164
502771.98 3634275.90 1.69384 502821.98
3634275.90 1.83334
502871.98 3634275.90 1.99284 502921.98
3634275.90 2.16947
502971.98 3634275.90 2.37271 503021.98
3634275.90 2.61184
503071.98 3634275.90 2.88672 503121.98
3634275.90 3.20809
503171.98 3634275.90 3.58776 503221.98
3634275.90 4.03809
503271.98 3634275.90 4.58085 504121.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504371.98    3634275.90        4.92282                       504421.98
3634275.90        3.62889
         504471.98    3634275.90        2.98796                       504521.98
3634275.90        2.54466
         504571.98    3634275.90        2.18558                       504621.98
3634275.90        1.90844
         504671.98    3634275.90        1.66997                       504721.98
3634275.90        1.48358
         502721.98    3634325.90        1.59370                       502771.98
3634325.90        1.72245
         502821.98    3634325.90        1.86684                       502871.98
3634325.90        2.04383
         502971.98    3634325.90        2.44642                       503021.98
3634325.90        2.70130
         503071.98    3634325.90        2.99918                       503121.98
3634325.90        3.34957
         503171.98    3634325.90        3.76872                       503221.98
3634325.90        4.27447
         503271.98    3634325.90        4.89377                       504171.98
3634325.90       10.97759
         504221.98    3634325.90        9.29600                       504271.98

3634325.90 8.04304
504321.98 3634325.90 6.83640 504371.98
3634325.90 5.47854
504421.98 3634325.90 3.86725 504471.98
3634325.90 3.03739
504521.98 3634325.90 2.46001 504571.98
3634325.90 2.03702
504621.98 3634325.90 1.73108 504671.98
3634325.90 1.50803
504721.98 3634325.90 1.35040 502721.98
3634375.90 1.61491
502771.98 3634375.90 1.74897 502821.98
3634375.90 1.89783
503021.98 3634375.90 2.77505 503071.98
3634375.90 3.09736
503121.98 3634375.90 3.47474 503171.98
3634375.90 3.92857
503221.98 3634375.90 4.48715 503271.98
3634375.90 5.18055
504221.98 3634375.90 9.82575 504271.98
3634375.90 8.21357
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3634375.90 5.17218
504421.98 3634375.90 3.32328 504471.98
3634375.90 2.57319
504521.98 3634375.90 2.13165 504571.98
3634375.90 1.82240
504621.98 3634375.90 1.59756 504671.98
3634375.90 1.42630
504721.98 3634375.90 1.29420 502721.98
3634425.90 1.63926
502771.98 3634425.90 1.77413 502821.98
3634425.90 1.92749
504271.98 3634425.90 7.93756 504321.98
3634425.90 6.80902
504371.98 3634425.90 5.17039 504421.98
3634425.90 3.36501
504471.98 3634425.90 2.49701 504521.98
3634425.90 2.07331
504571.98 3634425.90 1.83832 504621.98
3634425.90 1.65398
504671.98 3634425.90 1.47561 504721.98
3634425.90 1.31809
502721.98 3634475.90 1.66256 502771.98
3634475.90 1.80373
502821.98 3634475.90 1.96298 504321.98
3634475.90 6.54379
504371.98 3634475.90 5.59027 504421.98
3634475.90 4.38371
504471.98 3634475.90 3.05298 504521.98

3634475.90        2.43671
         504571.98    3634475.90        2.12470                       504621.98
3634475.90        1.89259
         504671.98    3634475.90        1.60109                       504721.98
3634475.90        1.37469
         502721.98    3634525.90        1.67613                       502771.98
3634525.90        1.81630
         504371.98    3634525.90        5.47971                       504421.98
3634525.90        4.78993

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504471.98    3634525.90        4.11409                       504521.98
3634525.90        3.42280
         504571.98    3634525.90        2.89288                       504621.98
3634525.90        2.39105
         504671.98    3634525.90        1.86181                       504721.98
3634525.90        1.53903
         502721.98    3634575.90        1.68056                       502771.98
3634575.90        1.82212
         504421.98    3634575.90        4.66865                       504471.98
3634575.90        4.09148
         504521.98    3634575.90        3.68842                       504571.98
3634575.90        3.27129
         504621.98    3634575.90        2.79529                       504671.98
3634575.90        2.28250
         504721.98    3634575.90        1.87483                       502721.98
3634625.90        1.67905
         502771.98    3634625.90        1.81935                       502821.98

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3634625.90        1.98108
         502871.98    3634625.90        2.16537                    502921.98
3634625.90        2.37837
         502971.98    3634625.90        2.62779                    503021.98
3634625.90        2.92208
         503071.98    3634625.90        3.27267                    503121.98
3634625.90        3.69522
         504471.98    3634625.90        4.00254                    504521.98
3634625.90        3.55037
         504571.98    3634625.90        3.22816                    504621.98
3634625.90        2.93078
         504671.98    3634625.90        2.66276                    504721.98
3634625.90        2.30921
         502721.98    3634675.90        1.67142                    502771.98
3634675.90        1.81015
         502821.98    3634675.90        1.96835                    502871.98
3634675.90        2.14914
         502921.98    3634675.90        2.35805                    502971.98
3634675.90        2.60092
         503021.98    3634675.90        2.88688                    503071.98
3634675.90        3.22568
         503121.98    3634675.90        3.63137                    503171.98
3634675.90        4.12016
         503221.98    3634675.90        4.72714                    503271.98
3634675.90        5.49193
         503321.98    3634675.90        6.46188                    503371.98
3634675.90        7.72602
         503421.98    3634675.90        9.40981                    503471.98
3634675.90       11.67902
         503521.98    3634675.90       14.96702                    504521.98
3634675.90        3.46483
         504571.98    3634675.90        3.10717                    504621.98
3634675.90        2.85672
         504671.98    3634675.90        2.60367                    504721.98
3634675.90        2.38806
         502721.98    3634725.90        1.65683                    502771.98
3634725.90        1.79209
         502821.98    3634725.90        1.94551                    502871.98
3634725.90        2.12010
         502921.98    3634725.90        2.32179                    502971.98
3634725.90        2.55523
         503021.98    3634725.90        2.82786                    503071.98
3634725.90        3.14930
         503121.98    3634725.90        3.53010                    503171.98
3634725.90        3.98623
         503221.98    3634725.90        4.54541                    503271.98
3634725.90        5.23521
         503321.98    3634725.90        6.09417                    503371.98
3634725.90        7.18324
         503421.98    3634725.90        8.58876                    503471.98
```

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3634725.90       10.40219
         503521.98    3634725.90       12.85118                       503571.98
3634725.90       16.19277
         503621.98    3634725.90       20.35997                       504571.98
3634725.90        3.02144
         504621.98    3634725.90        2.73044                       504671.98
3634725.90        2.52384
         504721.98    3634725.90        2.32943                       502721.98
3634775.90        1.63498
         502771.98    3634775.90        1.76524                       502821.98
3634775.90        1.91257
         502871.98    3634775.90        2.07952                       502921.98
3634775.90        2.27117
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502971.98    3634775.90        2.49241                       503021.98
3634775.90        2.74771
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3634775.90        3.39855
         503171.98    3634775.90        3.81562                       503221.98
3634775.90        4.31907
         503271.98    3634775.90        4.92743                       503321.98
3634775.90        5.67291
         503371.98    3634775.90        6.59674                       503421.98
3634775.90        7.74858
         503471.98    3634775.90        9.17344                       503521.98
3634775.90       10.98236
         503571.98    3634775.90       13.17928                       503621.98
```

3634775.90 15.67183
503671.98 3634775.90 18.19086 503721.98
3634775.90 20.37151
503771.98 3634775.90 21.68930 503821.98
3634775.90 21.71637
504621.98 3634775.90 2.65188 504671.98
3634775.90 2.41741
504721.98 3634775.90 2.26216 502721.98
3634825.90 1.60601
502771.98 3634825.90 1.73025 502821.98
3634825.90 1.87027
502871.98 3634825.90 2.02885 502921.98
3634825.90 2.20838
502971.98 3634825.90 2.41481 503021.98
3634825.90 2.65165
503071.98 3634825.90 2.92730 503121.98
3634825.90 3.24690
503171.98 3634825.90 3.62425 503221.98
3634825.90 4.06957
503271.98 3634825.90 4.60072 503321.98
3634825.90 5.23829
503371.98 3634825.90 6.00027 503421.98
3634825.90 6.91972
503471.98 3634825.90 8.02092 503521.98
3634825.90 9.31982
503571.98 3634825.90 10.79109 503621.98
3634825.90 12.30408
503671.98 3634825.90 13.73161 503721.98
3634825.90 14.87606
503771.98 3634825.90 15.52711 503821.98
3634825.90 15.53908
503871.98 3634825.90 14.93320 503921.98
3634825.90 13.83946
504671.98 3634825.90 2.34328 504721.98
3634825.90 2.16264
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3634875.90 1.97010
502921.98 3634875.90 2.13754 502971.98
3634875.90 2.32837
503021.98 3634875.90 2.54607 503071.98
3634875.90 2.79662
503121.98 3634875.90 3.08544 503171.98
3634875.90 3.42276
503221.98 3634875.90 3.81488 503271.98
3634875.90 4.27110
503321.98 3634875.90 4.80681 503371.98
3634875.90 5.43932
503421.98 3634875.90 6.17112 503471.98

3634875.90        6.99907
         503521.98    3634875.90        7.92646                      503571.98
3634875.90        8.90298
         503621.98    3634875.90        9.87166                      503671.98
3634875.90       10.73431
         503721.98    3634875.90       11.37988                      503771.98
3634875.90       11.73601
         503821.98    3634875.90       11.74236                      503871.98
3634875.90       11.59103
         503921.98    3634875.90       11.39029                      504721.98
3634875.90        2.08388
         502721.98    3634925.90        1.53183                      502771.98
3634925.90        1.64300
         502821.98    3634925.90        1.76677                      502871.98
3634925.90        1.90565
         502921.98    3634925.90        2.06109                      502971.98
3634925.90        2.23673

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3634925.90 6.11862
503521.98 3634925.90 6.78211 503571.98
3634925.90 7.45341
503621.98 3634925.90 8.09425 503671.98
3634925.90 8.64508
503721.98 3634925.90 8.86514 503771.98
3634925.90 9.16465
503821.98 3634925.90 9.44471 503871.98
3634925.90 9.61663
502721.98 3634975.90 1.48925 502771.98
3634975.90 1.59350
502821.98 3634975.90 1.70915 502871.98
3634975.90 1.83771
502921.98 3634975.90 1.98087 502971.98
3634975.90 2.14323
503021.98 3634975.90 2.32471 503071.98
3634975.90 2.52944
503121.98 3634975.90 2.76128 503171.98
3634975.90 3.02636
503221.98 3634975.90 3.32489 503271.98
3634975.90 3.66093
503321.98 3634975.90 4.03666 503371.98
3634975.90 4.45067
503421.98 3634975.90 4.89173 503471.98
3634975.90 5.36675
503521.98 3634975.90 5.84508 503571.98
3634975.90 6.31878
503621.98 3634975.90 6.76045 503671.98
3634975.90 7.13117
503721.98 3634975.90 7.26755 503771.98
3634975.90 7.51119
503821.98 3634975.90 7.75977 503871.98
3634975.90 7.38635
502721.98 3635025.90 1.44456 502771.98
3635025.90 1.54176
502821.98 3635025.90 1.64927 502871.98
3635025.90 1.76836
502921.98 3635025.90 1.90108 502971.98
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503021.98 3635025.90 2.21388 503071.98
3635025.90 2.39814
503121.98 3635025.90 2.60481 503171.98
3635025.90 2.83719
503221.98 3635025.90 3.09400 503271.98
3635025.90 3.37725
503321.98 3635025.90 3.68664 503371.98
3635025.90 4.01862
503421.98 3635025.90 4.36503 503471.98
3635025.90 4.72446
503521.98 3635025.90 5.08008 503571.98

3635025.90        5.42022
         503621.98    3635025.90        5.72840                        503671.98
3635025.90        5.89034
         503721.98    3635025.90        6.13137                        503771.98
3635025.90        6.30054
         503821.98    3635025.90        6.40438                        504371.98
3635025.90        3.20197
         502721.98    3635075.90        1.39848                        502771.98
3635075.90        1.48909
         502821.98    3635075.90        1.58890                        502871.98
3635075.90        1.69962
         502921.98    3635075.90        1.82140                        502971.98
3635075.90        1.95618
         503021.98    3635075.90        2.10621                        503071.98
3635075.90        2.27147
         503121.98    3635075.90        2.45439                        503171.98
3635075.90        2.65627
         503221.98    3635075.90        2.87571                        503271.98
3635075.90        3.11351
         503321.98    3635075.90        3.36735                        503371.98
3635075.90        3.63406

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635075.90 5.02890
503721.98 3635075.90 5.21976 503771.98
3635075.90 5.38520
503821.98 3635075.90 5.29546 504371.98
3635075.90 2.96538
504421.98 3635075.90 2.74448 504471.98
3635075.90 2.54189
504521.98 3635075.90 2.36278 502721.98
3635125.90 1.35231
502771.98 3635125.90 1.43672 502821.98
3635125.90 1.52927
502871.98 3635125.90 1.63139 502921.98
3635125.90 1.74409
502971.98 3635125.90 1.86709 503021.98
3635125.90 2.00185
503071.98 3635125.90 2.14882 503121.98
3635125.90 2.30944
503171.98 3635125.90 2.48371 503221.98
3635125.90 2.66979
503271.98 3635125.90 2.86930 503321.98
3635125.90 3.07695
503371.98 3635125.90 3.29124 503421.98
3635125.90 3.50933
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3635125.90 3.92630
503571.98 3635125.90 4.04010 503621.98
3635125.90 4.22528
503671.98 3635125.90 4.37009 503721.98
3635125.90 4.55867
503771.98 3635125.90 4.65526 503821.98
3635125.90 4.57748
504371.98 3635125.90 2.74900 504421.98
3635125.90 2.55698
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3635175.90 1.30667
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3635175.90 1.89989
503071.98 3635175.90 2.03039 503121.98
3635175.90 2.17121
503171.98 3635175.90 2.32167 503221.98
3635175.90 2.47962
503271.98 3635175.90 2.64623 503321.98
3635175.90 2.81621
503371.98 3635175.90 2.98968 503421.98

3635175.90        3.16517
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3635175.90        3.48836
         503571.98    3635175.90        3.57005                        503621.98
3635175.90        3.71098
         503671.98    3635175.90        3.85436                        503721.98
3635175.90        4.00601
         503771.98    3635175.90        3.96980                        503821.98
3635175.90        3.71741
         504371.98    3635175.90        2.54842                        504421.98
3635175.90        2.38633
         504471.98    3635175.90        2.23599                        504521.98
3635175.90        2.09467
         504571.98    3635175.90        1.96245                        504621.98
3635175.90        1.84621
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3635225.90        1.33528
         502821.98    3635225.90        1.41475                        502871.98
3635225.90        1.50067
         502921.98    3635225.90        1.59365                        502971.98
3635225.90        1.69418
         503021.98    3635225.90        1.80209                        503071.98
3635225.90        1.91759
         503121.98    3635225.90        2.04055                        503171.98
3635225.90        2.17014

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503221.98    3635225.90        2.30540                        503271.98

3635225.90 2.44490
503321.98 3635225.90 2.58645 503371.98
3635225.90 2.72766
503421.98 3635225.90 2.86659 503471.98
3635225.90 2.99995
503521.98 3635225.90 3.12097 503571.98
3635225.90 3.18709
503621.98 3635225.90 3.33075 503671.98
3635225.90 3.46527
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3635225.90 2.22896
504471.98 3635225.90 2.09845 504521.98
3635225.90 1.97451
504571.98 3635225.90 1.85692 504621.98
3635225.90 1.74937
502721.98 3635275.90 1.21770 502771.98
3635275.90 1.28521
502821.98 3635275.90 1.35823 502871.98
3635275.90 1.43717
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3635275.90 1.61152
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3635275.90 1.80807
503121.98 3635275.90 1.91455 503171.98
3635275.90 2.02551
503221.98 3635275.90 2.14283 503271.98
3635275.90 2.25916
503321.98 3635275.90 2.37655 503371.98
3635275.90 2.49159
503421.98 3635275.90 2.60529 503471.98
3635275.90 2.71367
503521.98 3635275.90 2.81600 503571.98
3635275.90 2.86379
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3635275.90 2.19133
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3635275.90 1.96679
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3635275.90 1.75783
504621.98 3635275.90 1.66241 504671.98
3635275.90 1.57173
502721.98 3635325.90 1.17455 502771.98
3635325.90 1.23701
502821.98 3635325.90 1.30409 502871.98
3635325.90 1.37572
502921.98 3635325.90 1.45164 502971.98
3635325.90 1.53259
503021.98 3635325.90 1.61715 503071.98
3635325.90 1.70610
503121.98 3635325.90 1.79844 503171.98

3635325.90        1.89369
         503221.98    3635325.90        1.99370                          503271.98
3635325.90        2.09140
         503321.98    3635325.90        2.18877                          503371.98
3635325.90        2.28377
         503421.98    3635325.90        2.37667                          503471.98
3635325.90        2.46542
         503521.98    3635325.90        2.54950                          503571.98
3635325.90        2.62053
         503621.98    3635325.90        2.66726                          504371.98
3635325.90        2.09517
         504421.98    3635325.90        1.97577                          504471.98
3635325.90        1.84520
         504521.98    3635325.90        1.75330                          504571.98
3635325.90        1.66406
         504621.98    3635325.90        1.58265                          504671.98
3635325.90        1.50368
         504721.98    3635325.90        1.42092                          502721.98
3635375.90        1.12110
         502771.98    3635375.90        1.15935                          502821.98
3635375.90        1.21235
         502871.98    3635375.90        1.27291                          502921.98
3635375.90        1.34386
         502971.98    3635375.90        1.43965                          503021.98
3635375.90        1.49806
         503071.98    3635375.90        1.56860                          503121.98
3635375.90        1.67222
         503171.98    3635375.90        1.76545                          503221.98
3635375.90        1.85730

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)

Y-COORD (M)  CONC

- - - -

3635425.90        1.38312
         504721.98    3635425.90        1.31351                          502721.98
3635475.90        1.01926
         502771.98    3635475.90        1.06022                          502821.98
3635475.90        1.10875
         502871.98    3635475.90        1.16069                          502921.98
3635475.90        1.21959
         502971.98    3635475.90        1.27571                          503021.98
3635475.90        1.33771
         503071.98    3635475.90        1.40692                          503121.98
3635475.90        1.48298
         503171.98    3635475.90        1.54348                          503221.98
3635475.90        1.59650
         503271.98    3635475.90        1.65034                          503321.98
3635475.90        1.70534
         503371.98    3635475.90        1.76054                          503421.98
3635475.90        1.81584
         503471.98    3635475.90        1.87144                          503521.98
3635475.90        1.92434
         503571.98    3635475.90        1.97155                          503621.98
3635475.90        2.00726
         503671.98    3635475.90        2.04706                          503721.98
3635475.90        2.07918
         503771.98    3635475.90        2.14212                          503821.98
3635475.90        2.16471
         503871.98    3635475.90        2.18731                          503921.98
3635475.90        2.22162
         504371.98    3635475.90        1.65155                          504421.98
3635475.90        1.59060
         504471.98    3635475.90        1.57639                          504521.98
3635475.90        1.46975
         504571.98    3635475.90        1.44067                          504621.98
3635475.90        1.38851


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 1.32702 | 504721.98 | 3635475.90 | 1.27234 |
| 502221.98 | 3632975.90 | 0.48622 | 502271.98 | 3632975.90 | 0.49918 |
| 502321.98 | 3632975.90 | 0.51252 | 502371.98 | 3632975.90 | 0.52625 |
| 502421.98 | 3632975.90 | 0.54032 | 502471.98 | 3632975.90 | 0.55469 |
| 502521.98 | 3632975.90 | 0.56933 | 502571.98 | 3632975.90 | 0.58426 |
| 502621.98 | 3632975.90 | 0.59938 | 502671.98 | 3632975.90 | 0.61464 |
| 502721.98 | 3632975.90 | 0.63000 | 502771.98 | 3632975.90 | 0.64530 |
| 502821.98 | 3632975.90 | 0.54765 | 502871.98 | 3632975.90 | 0.48157 |
| 502921.98 | 3632975.90 | 0.48940 | 502971.98 | 3632975.90 | 0.35683 |
| 503021.98 | 3632975.90 | 0.36020 | 503071.98 | 3632975.90 | 0.41908 |
| 503121.98 | 3632975.90 | 0.48671 | 503171.98 | 3632975.90 | 0.54473 |
| 503221.98 | 3632975.90 | 0.57540 | 503271.98 | 3632975.90 | 0.58469 |
| 503321.98 | 3632975.90 | 0.58554 | 503371.98 | 3632975.90 | 0.59181 |
| 503421.98 | 3632975.90 | 0.57246 | 503471.98 | 3632975.90 | 0.56574 |
| 503621.98 | 3632975.90 | 0.52180 | 503671.98 | 3632975.90 | 0.50404 |
| 503721.98 | 3632975.90 | 0.48631 | 503771.98 | 3632975.90 | 0.46118 |
| 503821.98 | 3632975.90 | 0.40307 | 503871.98 | 3632975.90 | 0.35844 |
| 503921.98 | 3632975.90 | 0.34620 | 503971.98 | 3632975.90 | 0.34606 |
| 504021.98 | 3632975.90 | 0.34277 | 504071.98 | 3632975.90 | 0.34659 |
| 504121.98 | 3632975.90 | 0.34264 | 504171.98 | 3632975.90 | 0.34527 |
| 504221.98 | 3632975.90 | 0.34583 | 504271.98 | 3632975.90 | 0.34640 |
| 504321.98 | 3632975.90 | 0.34584 | 504371.98 | | |

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3632975.90        0.34167
         504421.98    3632975.90        0.33906                        504471.98
3632975.90        0.33729
         504521.98    3632975.90        0.33731                        504571.98
3632975.90        0.33757
         504621.98    3632975.90        0.33798                        504671.98
3632975.90        0.33899
         504721.98    3632975.90        0.34019                        504771.98
3632975.90        0.34141
         504821.98    3632975.90        0.34249                        504871.98
3632975.90        0.34506
         504921.98    3632975.90        0.34791                        504971.98
3632975.90        0.34938
         505021.98    3632975.90        0.34911                        505071.98
3632975.90        0.34837
         505121.98    3632975.90        0.34819                        505171.98
3632975.90        0.34979
         505221.98    3632975.90        0.35329                        502221.98
3633025.90        0.49874
         502271.98    3633025.90        0.51294                        502321.98
3633025.90        0.52701
         502371.98    3633025.90        0.54165                        502421.98
3633025.90        0.55668
         502471.98    3633025.90        0.57198                        502521.98
3633025.90        0.58773
         502571.98    3633025.90        0.60375                        502621.98
3633025.90        0.61997
         502671.98    3633025.90        0.63648                        502721.98
3633025.90        0.65315
         502771.98    3633025.90        0.66987                        502821.98
3633025.90        0.56151
         502871.98    3633025.90        0.53445                        502921.98
3633025.90        0.50802
         502971.98    3633025.90        0.37193                        503021.98
3633025.90        0.39786
         503071.98    3633025.90        0.48037                        503121.98
3633025.90        0.55756
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 0.58969 | 503221.98 | 3633025.90 | 0.62530 |
| 503271.98 | 3633025.90 | 0.62639 | 503321.98 | 3633025.90 | 0.63419 |
| 503371.98 | 3633025.90 | 0.62457 | 503421.98 | 3633025.90 | 0.58418 |
| 503471.98 | 3633025.90 | 0.59367 | 503621.98 | 3633025.90 | 0.53874 |
| 503671.98 | 3633025.90 | 0.52737 | 503721.98 | 3633025.90 | 0.51883 |
| 503771.98 | 3633025.90 | 0.45665 | 503821.98 | 3633025.90 | 0.39939 |
| 503871.98 | 3633025.90 | 0.36605 | 503921.98 | 3633025.90 | 0.35727 |
| 503971.98 | 3633025.90 | 0.35685 | 504021.98 | 3633025.90 | 0.35724 |
| 504071.98 | 3633025.90 | 0.35769 | 504121.98 | 3633025.90 | 0.35911 |
| 504171.98 | 3633025.90 | 0.36128 | 504221.98 | 3633025.90 | 0.36324 |
| 504271.98 | 3633025.90 | 0.36336 | 504321.98 | 3633025.90 | 0.36258 |
| 504371.98 | 3633025.90 | 0.35854 | 504421.98 | 3633025.90 | 0.35563 |
| 504471.98 | 3633025.90 | 0.35419 | 504521.98 | 3633025.90 | 0.35312 |
| 504571.98 | 3633025.90 | 0.35342 | 504621.98 | 3633025.90 | 0.35457 |
| 504671.98 | 3633025.90 | 0.35597 | 504721.98 | 3633025.90 | 0.35749 |
| 504771.98 | 3633025.90 | 0.35993 | 504821.98 | 3633025.90 | 0.36277 |
| 504871.98 | 3633025.90 | 0.36675 | 504921.98 | 3633025.90 | 0.36929 |
| 504971.98 | 3633025.90 | 0.36938 | 505021.98 | 3633025.90 | 0.36757 |
| 505071.98 | 3633025.90 | 0.36607 | 505121.98 | 3633025.90 | 0.36627 |
| 505171.98 | 3633025.90 | 0.36969 | 505221.98 | | |

3633025.90        0.37712
         502221.98    3633075.90        0.51213                        502271.98
3633075.90        0.52708
         502321.98    3633075.90        0.54211                        502371.98
3633075.90        0.55762
         502421.98    3633075.90        0.57361                        502471.98
3633075.90        0.58990
         502521.98    3633075.90        0.60678                        502571.98
3633075.90        0.62406
         502621.98    3633075.90        0.64157                        502671.98
3633075.90        0.65948
         502721.98    3633075.90        0.67747                        502771.98
3633075.90        0.69576
         502821.98    3633075.90        0.61698                        502871.98
3633075.90        0.59112
         502921.98    3633075.90        0.56740                        502971.98
3633075.90        0.51173
         503021.98    3633075.90        0.54204                        503071.98
3633075.90        0.56312
         503121.98    3633075.90        0.60811                        503171.98
3633075.90        0.63936
         503221.98    3633075.90        0.68447                        503271.98
3633075.90        0.67132
         503321.98    3633075.90        0.66538                        503371.98
3633075.90        0.65215
         503421.98    3633075.90        0.61552                        503471.98
3633075.90        0.62580
         503621.98    3633075.90        0.55890                        503671.98
3633075.90        0.53942
         503721.98    3633075.90        0.52786                        503771.98
3633075.90        0.46315
         503821.98    3633075.90        0.40359                        503871.98
3633075.90        0.37316
         503921.98    3633075.90        0.37274                        503971.98
3633075.90        0.37747
         504021.98    3633075.90        0.37586                        504071.98
3633075.90        0.37702
         504121.98    3633075.90        0.37903                        504171.98
3633075.90        0.38116
         504221.98    3633075.90        0.38257                        504271.98
3633075.90        0.38263

VALUES FOR SOURCE GROUP: FORKN ***
INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 0.38274 | 504371.98 | 3633075.90 | 0.37755 |
| 504421.98 | 3633075.90 | 0.37527 | 504471.98 | 3633075.90 | 0.37266 |
| 504521.98 | 3633075.90 | 0.37174 | 504571.98 | 3633075.90 | 0.37256 |
| 504621.98 | 3633075.90 | 0.37386 | 504671.98 | 3633075.90 | 0.37546 |
| 504721.98 | 3633075.90 | 0.37767 | 504771.98 | 3633075.90 | 0.38157 |
| 504821.98 | 3633075.90 | 0.38585 | 504871.98 | 3633075.90 | 0.39002 |
| 504921.98 | 3633075.90 | 0.39327 | 504971.98 | 3633075.90 | 0.39102 |
| 505021.98 | 3633075.90 | 0.38778 | 505071.98 | 3633075.90 | 0.38587 |
| 505121.98 | 3633075.90 | 0.38712 | 505171.98 | 3633075.90 | 0.39280 |
| 505221.98 | 3633075.90 | 0.40092 | 502221.98 | 3633125.90 | 0.52607 |
| 502271.98 | 3633125.90 | 0.54161 | 502321.98 | 3633125.90 | 0.55758 |
| 502371.98 | 3633125.90 | 0.57406 | 502421.98 | 3633125.90 | 0.59112 |
| 502471.98 | 3633125.90 | 0.60860 | 502521.98 | 3633125.90 | 0.62665 |
| 502571.98 | 3633125.90 | 0.64521 | 502621.98 | 3633125.90 | 0.66415 |
| 502671.98 | 3633125.90 | 0.68339 | 502721.98 | 3633125.90 | 0.70304 |
| 502771.98 | 3633125.90 | 0.72275 | 502821.98 | 3633125.90 | 0.74277 |
| 502871.98 | 3633125.90 | 0.64935 | 502921.98 | 3633125.90 | 0.64081 |
| 502971.98 | 3633125.90 | 0.61149 | 503021.98 | | |

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3633125.90        0.60289
         503071.98    3633125.90        0.63323                     503121.98
3633125.90        0.66427
         503171.98    3633125.90        0.70200                     503221.98
3633125.90        0.72864
         503271.98    3633125.90        0.72475                     503321.98
3633125.90        0.72915
         503371.98    3633125.90        0.69460                     503421.98
3633125.90        0.64749
         503471.98    3633125.90        0.65897                     503621.98
3633125.90        0.57694
         503671.98    3633125.90        0.54631                     503721.98
3633125.90        0.53410
         503771.98    3633125.90        0.45655                     503821.98
3633125.90        0.41037
         503871.98    3633125.90        0.39041                     503921.98
3633125.90        0.39302
         503971.98    3633125.90        0.39865                     504021.98
3633125.90        0.39457
         504071.98    3633125.90        0.39866                     504121.98
3633125.90        0.40279
         504171.98    3633125.90        0.40508                     504221.98
3633125.90        0.40577
         504271.98    3633125.90        0.40606                     504321.98
3633125.90        0.40421
         504371.98    3633125.90        0.40067                     504421.98
3633125.90        0.39810
         504471.98    3633125.90        0.39459                     504521.98
3633125.90        0.39363
         504571.98    3633125.90        0.39448                     504621.98
3633125.90        0.39614
         504671.98    3633125.90        0.39839                     504721.98
3633125.90        0.40168
         504771.98    3633125.90        0.40632                     504821.98
3633125.90        0.41063
         504871.98    3633125.90        0.41503                     504921.98
3633125.90        0.42074
         504971.98    3633125.90        0.41637                     505021.98
3633125.90        0.41062
         505071.98    3633125.90        0.40824                     505121.98
3633125.90        0.41147
         505171.98    3633125.90        0.41808                     505221.98
3633125.90        0.42647
         502221.98    3633175.90        0.54009                     502271.98
3633175.90        0.55641
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***
INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 0.57336 | 502371.98 | 3633175.90 | 0.59116 |
| 502421.98 | 3633175.90 | 0.60940 | 502471.98 | 3633175.90 | 0.62805 |
| 502521.98 | 3633175.90 | 0.64738 | 502571.98 | 3633175.90 | 0.66720 |
| 502621.98 | 3633175.90 | 0.68753 | 502671.98 | 3633175.90 | 0.70828 |
| 502721.98 | 3633175.90 | 0.72919 | 502771.98 | 3633175.90 | 0.67439 |
| 502821.98 | 3633175.90 | 0.66626 | 502871.98 | 3633175.90 | 0.70923 |
| 502921.98 | 3633175.90 | 0.70056 | 502971.98 | 3633175.90 | 0.71279 |
| 503021.98 | 3633175.90 | 0.70371 | 503071.98 | 3633175.90 | 0.72878 |
| 503121.98 | 3633175.90 | 0.73209 | 503171.98 | 3633175.90 | 0.77387 |
| 503221.98 | 3633175.90 | 0.76206 | 503271.98 | 3633175.90 | 0.75582 |
| 503321.98 | 3633175.90 | 0.76496 | 503371.98 | 3633175.90 | 0.72625 |
| 503421.98 | 3633175.90 | 0.69021 | 503471.98 | 3633175.90 | 0.68757 |
| 503621.98 | 3633175.90 | 0.57397 | 503671.98 | 3633175.90 | 0.56685 |
| 503721.98 | 3633175.90 | 0.52279 | 503771.98 | 3633175.90 | 0.45436 |
| 503821.98 | 3633175.90 | 0.41960 | 503871.98 | 3633175.90 | 0.40849 |
| 503921.98 | 3633175.90 | 0.41656 | 503971.98 | | |

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3633175.90        0.42251
         504021.98    3633175.90        0.41849                    504071.98
3633175.90        0.42386
         504121.98    3633175.90        0.42999                    504171.98
3633175.90        0.43545
         504221.98    3633175.90        0.43439                    504271.98
3633175.90        0.43260
         504321.98    3633175.90        0.42985                    504371.98
3633175.90        0.43066
         504421.98    3633175.90        0.42423                    504471.98
3633175.90        0.41940
         504521.98    3633175.90        0.41821                    504571.98
3633175.90        0.41919
         504621.98    3633175.90        0.42167                    504671.98
3633175.90        0.42559
         504721.98    3633175.90        0.43014                    504771.98
3633175.90        0.43474
         504821.98    3633175.90        0.43780                    504871.98
3633175.90        0.44211
         504921.98    3633175.90        0.45018                    504971.98
3633175.90        0.44148
         505021.98    3633175.90        0.43506                    505071.98
3633175.90        0.43523
         505121.98    3633175.90        0.43943                    505171.98
3633175.90        0.44445
         505221.98    3633175.90        0.44921                    502221.98
3633225.90        0.55451
         502271.98    3633225.90        0.57193                    502321.98
3633225.90        0.58989
         502371.98    3633225.90        0.60881                    502421.98
3633225.90        0.62818
         502471.98    3633225.90        0.64804                    502521.98
3633225.90        0.66881
         502571.98    3633225.90        0.69013                    502621.98
3633225.90        0.71200
         502671.98    3633225.90        0.73446                    502721.98
3633225.90        0.75708
         502771.98    3633225.90        0.78070                    502821.98
3633225.90        0.71286
         502871.98    3633225.90        0.72621                    502921.98
3633225.90        0.75170
         502971.98    3633225.90        0.77569                    503021.98
3633225.90        0.78134
         503071.98    3633225.90        0.80368                    503121.98
3633225.90        0.83135
         503171.98    3633225.90        0.83134                    503221.98
3633225.90        0.81662
         503271.98    3633225.90        0.80885                    503321.98
3633225.90        0.79173
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3633225.90 0.47154
504871.98 3633225.90 0.47372 504921.98
3633225.90 0.48078
504971.98 3633225.90 0.47236 505021.98
3633225.90 0.46714
505071.98 3633225.90 0.46882 505121.98
3633225.90 0.47020
505171.98 3633225.90 0.46861 505221.98
3633225.90 0.46981
502221.98 3633275.90 0.56917 502271.98
3633275.90 0.58761
502321.98 3633275.90 0.60692 502371.98
3633275.90 0.62690
502421.98 3633275.90 0.64749 502471.98
3633275.90 0.66889
502521.98 3633275.90 0.69103 502571.98
3633275.90 0.71392
502621.98 3633275.90 0.73749 502671.98
3633275.90 0.76181
502721.98 3633275.90 0.78679 502771.98
3633275.90 0.81206
502821.98 3633275.90 0.68362 502871.98
3633275.90 0.75678
502921.98 3633275.90 0.80125 502971.98
3633275.90 0.82631
503021.98 3633275.90 0.83024 503071.98
3633275.90 0.86441
503121.98 3633275.90 0.90399 503171.98
3633275.90 0.91171
503221.98 3633275.90 0.89379 503271.98
3633275.90 0.83499
503321.98 3633275.90 0.83426 503371.98
3633275.90 0.79198
503421.98 3633275.90 0.76409 503471.98
3633275.90 0.59696
503621.98 3633275.90 0.60809 503671.98
3633275.90 0.58560
503721.98 3633275.90 0.52686 503771.98
3633275.90 0.48332
503821.98 3633275.90 0.45532 503871.98
3633275.90 0.46118
503921.98 3633275.90 0.47496 503971.98
3633275.90 0.49726
504021.98 3633275.90 0.50053 504071.98
3633275.90 0.50057
504121.98 3633275.90 0.51173 504171.98
3633275.90 0.50497
504221.98 3633275.90 0.49482 504271.98
3633275.90 0.49298
504321.98 3633275.90 0.50123 504371.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3633325.90 0.76408
502671.98 3633325.90 0.79039 502721.98
3633325.90 0.81751
502771.98 3633325.90 0.79136 502821.98
3633325.90 0.77457
502871.98 3633325.90 0.90343 502921.98
3633325.90 0.93340
502971.98 3633325.90 0.92403 503021.98
3633325.90 0.89565
503071.98 3633325.90 0.98335 503121.98
3633325.90 1.05585
503171.98 3633325.90 1.08590 503221.98
3633325.90 1.00251
503271.98 3633325.90 0.87580 503321.98
3633325.90 0.87110
503371.98 3633325.90 0.82471 503421.98
3633325.90 0.70011
503471.98 3633325.90 0.56603 503621.98
3633325.90 0.60992
503671.98 3633325.90 0.58631 503721.98
3633325.90 0.52408
503771.98 3633325.90 0.50517 503821.98
3633325.90 0.48911
503871.98 3633325.90 0.49401 503921.98
3633325.90 0.52581
503971.98 3633325.90 0.56344 504021.98
3633325.90 0.56012
504071.98 3633325.90 0.55199 504121.98
3633325.90 0.56927
504171.98 3633325.90 0.54632 504221.98
3633325.90 0.53178
504271.98 3633325.90 0.53581 504321.98
3633325.90 0.55556
504371.98 3633325.90 0.56348 504421.98
3633325.90 0.54167
504471.98 3633325.90 0.52639 504521.98
3633325.90 0.51977
504571.98 3633325.90 0.52350 504621.98
3633325.90 0.53345
504671.98 3633325.90 0.54630 504721.98
3633325.90 0.54469
504771.98 3633325.90 0.53525 504821.98
3633325.90 0.53615
504871.98 3633325.90 0.55264 504921.98
3633325.90 0.56496
504971.98 3633325.90 0.56035 505021.98
3633325.90 0.55634
505071.98 3633325.90 0.55378 505121.98
3633325.90 0.53622
505171.98 3633325.90 0.52390 505221.98

3633325.90        0.52391
         502221.98    3633375.90        0.59963                        502271.98
3633375.90        0.62031
         502321.98    3633375.90        0.64187                        502371.98
3633375.90        0.66436
         502421.98    3633375.90        0.68785                        502471.98
3633375.90        0.71232


                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3633375.90        0.73787                        502571.98
3633375.90        0.76435
         502621.98    3633375.90        0.79178                        502671.98
3633375.90        0.82025
         502721.98    3633375.90        0.84970                        502771.98
3633375.90        0.88012
         502821.98    3633375.90        0.91152                        502871.98
3633375.90        0.94394
         502921.98    3633375.90        0.97696                        502971.98
3633375.90        1.01060
         503021.98    3633375.90        1.04461                        503071.98
3633375.90        1.07915
         503121.98    3633375.90        1.11358                        503171.98
3633375.90        1.14758
         503221.98    3633375.90        1.13294                        503271.98
3633375.90        1.09112
         503321.98    3633375.90        1.02355                        503371.98
3633375.90        0.88027
         503421.98    3633375.90        0.67090                        503471.98

3633375.90 0.66584
503621.98 3633375.90 0.66784 503671.98
3633375.90 0.62562
503721.98 3633375.90 0.57056 503771.98
3633375.90 0.55735
503821.98 3633375.90 0.56419 503871.98
3633375.90 0.55574
503921.98 3633375.90 0.59511 503971.98
3633375.90 0.64256
504021.98 3633375.90 0.62672 504071.98
3633375.90 0.61243
504121.98 3633375.90 0.63461 504171.98
3633375.90 0.59176
504221.98 3633375.90 0.58418 504271.98
3633375.90 0.60075
504321.98 3633375.90 0.62651 504371.98
3633375.90 0.63188
504421.98 3633375.90 0.59631 504471.98
3633375.90 0.57300
504521.98 3633375.90 0.56453 504571.98
3633375.90 0.57361
504621.98 3633375.90 0.58686 504671.98
3633375.90 0.60264
504721.98 3633375.90 0.59135 504771.98
3633375.90 0.57758
504821.98 3633375.90 0.58242 504871.98
3633375.90 0.61168
504921.98 3633375.90 0.61932 504971.98
3633375.90 0.61601
505021.98 3633375.90 0.60757 505071.98
3633375.90 0.58805
505121.98 3633375.90 0.56729 505171.98
3633375.90 0.55647
505221.98 3633375.90 0.55933 502221.98
3633425.90 0.61494
502271.98 3633425.90 0.63672 502321.98
3633425.90 0.65946
502371.98 3633425.90 0.68341 502421.98
3633425.90 0.70859
502471.98 3633425.90 0.73521 502521.98
3633425.90 0.76248
502571.98 3633425.90 0.79094 502621.98
3633425.90 0.82054
502671.98 3633425.90 0.85146 502721.98
3633425.90 0.88357
502771.98 3633425.90 0.91683 502821.98
3633425.90 0.95131
502871.98 3633425.90 0.98685 502921.98
3633425.90 1.02318
502971.98 3633425.90 1.06052 503021.98

3633425.90        1.09868
         503071.98    3633425.90        1.13708                        503121.98
3633425.90        1.17609
         503171.98    3633425.90        1.21431                        503221.98
3633425.90        1.25188
         503271.98    3633425.90        1.22296                        503321.98
3633425.90        1.09009
         503371.98    3633425.90        0.85594                        503421.98
3633425.90        0.74720
         503471.98    3633425.90        0.76549                        503621.98
3633425.90        0.79149

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         503671.98    3633425.90        0.71746                        503721.98
3633425.90        0.64203
         503771.98    3633425.90        0.62164                        503821.98
3633425.90        0.63147
         503871.98    3633425.90        0.64275                        503921.98
3633425.90        0.69941
         503971.98    3633425.90        0.72129                        504021.98
3633425.90        0.69918
         504071.98    3633425.90        0.68682                        504121.98
3633425.90        0.71189
         504171.98    3633425.90        0.66821                        504221.98
3633425.90        0.67360
         504271.98    3633425.90        0.70255                        504321.98
3633425.90        0.73390
         504371.98    3633425.90        0.69728                        504421.98

3633425.90 0.65612
504471.98 3633425.90 0.62979 504521.98
3633425.90 0.61881
504571.98 3633425.90 0.63271 504621.98
3633425.90 0.65294
504671.98 3633425.90 0.66178 504721.98
3633425.90 0.65619
504771.98 3633425.90 0.64134 504821.98
3633425.90 0.63907
504871.98 3633425.90 0.67545 504921.98
3633425.90 0.67362
504971.98 3633425.90 0.66181 505021.98
3633425.90 0.63237
505071.98 3633425.90 0.61228 505121.98
3633425.90 0.59933
505171.98 3633425.90 0.59262 505221.98
3633425.90 0.59796
502221.98 3633475.90 0.63049 502271.98
3633475.90 0.65349
502321.98 3633475.90 0.67770 502371.98
3633475.90 0.70321
502421.98 3633475.90 0.73008 502471.98
3633475.90 0.75859
502521.98 3633475.90 0.78774 502571.98
3633475.90 0.81838
502621.98 3633475.90 0.85045 502671.98
3633475.90 0.88392
504771.98 3633475.90 0.73798 504821.98
3633475.90 0.74273
504871.98 3633475.90 0.74155 504921.98
3633475.90 0.73680
504971.98 3633475.90 0.70799 505021.98
3633475.90 0.66956
505071.98 3633475.90 0.65014 505121.98
3633475.90 0.63796
505171.98 3633475.90 0.62886 505221.98
3633475.90 0.63064
502221.98 3633525.90 0.64644 502271.98
3633525.90 0.67076
502321.98 3633525.90 0.69634 502371.98
3633525.90 0.72371
502421.98 3633525.90 0.75245 502471.98
3633525.90 0.78249
502521.98 3633525.90 0.81366 502571.98
3633525.90 0.84607
502621.98 3633525.90 0.88088 502671.98
3633525.90 0.91722
504771.98 3633525.90 0.80215 504821.98
3633525.90 0.79697
504871.98 3633525.90 0.79164 504921.98

3633525.90        0.78489
         504971.98    3633525.90        0.77514                        505021.98
3633525.90        0.73856
         505071.98    3633525.90        0.70195                        505121.98
3633525.90        0.67741
         505171.98    3633525.90        0.66554                        505221.98
3633525.90        0.66116
         502221.98    3633575.90        0.66286                        502271.98
3633575.90        0.68797
         502321.98    3633575.90        0.71505                        502371.98
3633575.90        0.74421
         502421.98    3633575.90        0.77466                        502471.98
3633575.90        0.80646
         502521.98    3633575.90        0.83984                        502571.98
3633575.90        0.87509

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633575.90        0.91241                        502671.98
3633575.90        0.95168
         504771.98    3633575.90        0.86352                        504821.98
3633575.90        0.85775
         504871.98    3633575.90        0.85049                        504921.98
3633575.90        0.83357
         504971.98    3633575.90        0.83021                        505021.98
3633575.90        0.80824
         505071.98    3633575.90        0.76279                        505121.98
3633575.90        0.72337
         505171.98    3633575.90        0.70453                        505221.98

3633575.90 0.70002
502221.98 3633625.90 0.67859 502271.98
3633625.90 0.70505
502321.98 3633625.90 0.73413 502371.98
3633625.90 0.76480
502421.98 3633625.90 0.79737 502471.98
3633625.90 0.83100
502521.98 3633625.90 0.86740 502571.98
3633625.90 0.90542
502621.98 3633625.90 0.94562 502671.98
3633625.90 0.98787
504771.98 3633625.90 0.92771 504821.98
3633625.90 0.94087
504871.98 3633625.90 0.91537 504921.98
3633625.90 0.89817
504971.98 3633625.90 0.89182 505021.98
3633625.90 0.86942
505071.98 3633625.90 0.81486 505121.98
3633625.90 0.77123
505171.98 3633625.90 0.74319 505221.98
3633625.90 0.73749
502221.98 3633675.90 0.69442 502271.98
3633675.90 0.72205
502321.98 3633675.90 0.75279 502371.98
3633675.90 0.78501
502421.98 3633675.90 0.81992 502471.98
3633675.90 0.85627
502521.98 3633675.90 0.89502 502571.98
3633675.90 0.93585
502621.98 3633675.90 0.97908 502671.98
3633675.90 1.02478
504771.98 3633675.90 1.02204 504821.98
3633675.90 1.01622
504871.98 3633675.90 1.00322 504921.98
3633675.90 0.98558
504971.98 3633675.90 0.96158 505021.98
3633675.90 0.92640
505071.98 3633675.90 0.86134 505121.98
3633675.90 0.80534
505171.98 3633675.90 0.77719 505221.98
3633675.90 0.76994
502221.98 3633725.90 0.70972 502271.98
3633725.90 0.73893
502321.98 3633725.90 0.77163 502371.98
3633725.90 0.80600
502421.98 3633725.90 0.84260 502471.98
3633725.90 0.88147
502521.98 3633725.90 0.92281 502571.98
3633725.90 0.96671
502621.98 3633725.90 1.01333 502671.98

3633725.90        1.06270
         504771.98    3633725.90        1.16209                        504821.98
3633725.90        1.11493
         504871.98    3633725.90        1.09672                        504921.98
3633725.90        1.06043
         504971.98    3633725.90        1.01818                        505021.98
3633725.90        0.96364
         505071.98    3633725.90        0.88922                        505121.98
3633725.90        0.83506
         505171.98    3633725.90        0.81498                        505221.98
3633725.90        0.79967
         502221.98    3633775.90        0.72504                        502271.98
3633775.90        0.75577
         502321.98    3633775.90        0.79086                        502371.98
3633775.90        0.82693
         502421.98    3633775.90        0.86581                        502471.98
3633775.90        0.90658
         502521.98    3633775.90        0.95077                        502571.98
3633775.90        0.99786


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633775.90        1.04783                        502671.98
3633775.90        1.10119
         504771.98    3633775.90        1.31337                        504821.98
3633775.90        1.25981
         504871.98    3633775.90        1.18782                        504921.98
3633775.90        1.10791
         504971.98    3633775.90        1.05837                        505021.98

3633775.90 0.99249
505071.98 3633775.90 0.92877 505121.98
3633775.90 0.87385
505171.98 3633775.90 0.84263 505221.98
3633775.90 0.81872
502221.98 3633825.90 0.74079 502271.98
3633825.90 0.77293
502321.98 3633825.90 0.80917 502371.98
3633825.90 0.84752
502421.98 3633825.90 0.88827 502471.98
3633825.90 0.93174
502521.98 3633825.90 0.97865 502571.98
3633825.90 1.02905
502621.98 3633825.90 1.08301 502671.98
3633825.90 1.14050
504771.98 3633825.90 1.44720 504821.98
3633825.90 1.35485
504871.98 3633825.90 1.20667 504921.98
3633825.90 1.12186
504971.98 3633825.90 1.06929 505021.98
3633825.90 1.02272
505071.98 3633825.90 0.95953 505121.98
3633825.90 0.89299
505171.98 3633825.90 0.85379 505221.98
3633825.90 0.82287
502221.98 3633875.90 0.75541 502271.98
3633875.90 0.78942
502321.98 3633875.90 0.82773 502371.98
3633875.90 0.86732
502421.98 3633875.90 0.91054 502471.98
3633875.90 0.95622
502521.98 3633875.90 1.00636 502571.98
3633875.90 1.06028
502621.98 3633875.90 1.11806 502671.98
3633875.90 1.17989
504771.98 3633875.90 1.54435 504821.98
3633875.90 1.38469
504871.98 3633875.90 1.23935 504921.98
3633875.90 1.15836
504971.98 3633875.90 1.08973 505021.98
3633875.90 1.02295
505071.98 3633875.90 0.96791 505121.98
3633875.90 0.90031
505171.98 3633875.90 0.85707 505221.98
3633875.90 0.82284
502221.98 3633925.90 0.76989 502271.98
3633925.90 0.80593
502321.98 3633925.90 0.84543 502371.98
3633925.90 0.88673
502421.98 3633925.90 0.93275 502471.98

3633925.90        0.98111
         502521.98    3633925.90        1.03395                      502571.98
3633925.90        1.09103
         502621.98    3633925.90        1.15272                      502671.98
3633925.90        1.21907
         504771.98    3633925.90        1.59416                      504821.98
3633925.90        1.43296
         504871.98    3633925.90        1.31073                      504921.98
3633925.90        1.18727
         504971.98    3633925.90        1.08680                      505021.98
3633925.90        1.01671
         505071.98    3633925.90        0.95490                      505121.98
3633925.90        0.90272
         505171.98    3633925.90        0.86762                      505221.98
3633925.90        0.83744
         502221.98    3633975.90        0.78422                      502271.98
3633975.90        0.82086
         502321.98    3633975.90        0.86192                      502371.98
3633975.90        0.90647
         502421.98    3633975.90        0.95421                      502471.98
3633975.90        1.00544
         502521.98    3633975.90        1.06126                      502571.98
3633975.90        1.12143

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633975.90        1.18709                      502671.98
3633975.90        1.25788
         504771.98    3633975.90        1.60093                      504821.98

3633975.90 1.47284
504871.98 3633975.90 1.35704 504921.98
3633975.90 1.21778
504971.98 3633975.90 1.08197 505021.98
3633975.90 1.00217
505071.98 3633975.90 0.94624 505121.98
3633975.90 0.92106
505171.98 3633975.90 0.89421 505221.98
3633975.90 0.86486
502221.98 3634025.90 0.79788 502271.98
3634025.90 0.83575
502321.98 3634025.90 0.87830 502371.98
3634025.90 0.92479
502421.98 3634025.90 0.97459 502471.98
3634025.90 1.02849
502521.98 3634025.90 1.08708 502571.98
3634025.90 1.15090
502621.98 3634025.90 1.22070 502671.98
3634025.90 1.29645
504771.98 3634025.90 1.58830 504821.98
3634025.90 1.48824
504871.98 3634025.90 1.33126 504921.98
3634025.90 1.19584
504971.98 3634025.90 1.07486 505021.98
3634025.90 1.01062
505071.98 3634025.90 0.96676 505121.98
3634025.90 0.94923
505171.98 3634025.90 0.92641 505221.98
3634025.90 0.89029
502221.98 3634075.90 0.80983 502271.98
3634075.90 0.84979
502321.98 3634075.90 0.89379 502371.98
3634075.90 0.94140
502421.98 3634075.90 0.99286 502471.98
3634075.90 1.04935
502521.98 3634075.90 1.11135 502571.98
3634075.90 1.17953
502621.98 3634075.90 1.25306 502671.98
3634075.90 1.33418
504771.98 3634075.90 1.58983 504821.98
3634075.90 1.46264
504871.98 3634075.90 1.30048 504921.98
3634075.90 1.19240
504971.98 3634075.90 1.10218 505021.98
3634075.90 1.03933
505071.98 3634075.90 0.99454 505121.98
3634075.90 0.96578
505171.98 3634075.90 0.93878 505221.98
3634075.90 0.89676
502221.98 3634125.90 0.82046 502271.98

3634125.90        0.86326
         502321.98    3634125.90        0.90846                        502371.98
3634125.90        0.95843
         502421.98    3634125.90        1.01204                        502471.98
3634125.90        1.07055
         502521.98    3634125.90        1.13445                        502571.98
3634125.90        1.20466
         502621.98    3634125.90        1.28382                        502671.98
3634125.90        1.37027
         504771.98    3634125.90        1.52673                        504821.98
3634125.90        1.42438
         504871.98    3634125.90        1.31828                        504921.98
3634125.90        1.19836
         504971.98    3634125.90        1.12384                        505021.98
3634125.90        1.05051
         505071.98    3634125.90        0.99872                        505121.98
3634125.90        0.96171
         505171.98    3634125.90        0.92099                        505221.98
3634125.90        0.87423
         502221.98    3634175.90        0.82914                        502271.98
3634175.90        0.87299
         502321.98    3634175.90        0.91952                        502371.98
3634175.90        0.97505
         502421.98    3634175.90        1.03067                        502471.98
3634175.90        1.09136
         502521.98    3634175.90        1.15745                        502571.98
3634175.90        1.23063

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

- - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | |
|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 1.31136 | 502671.98 | 3634175.90 | 1.40183 |
| 504771.98 | 3634175.90 | 1.49894 | 504821.98 | 3634175.90 | 1.38586 |
| 504871.98 | 3634175.90 | 1.28225 | 504921.98 | 3634175.90 | 1.18816 |
| 504971.98 | 3634175.90 | 1.09902 | 505021.98 | 3634175.90 | 1.02463 |
| 505071.98 | 3634175.90 | 0.94918 | 505121.98 | 3634175.90 | 0.91607 |
| 505171.98 | 3634175.90 | 0.87432 | 505221.98 | 3634175.90 | 0.83949 |
| 502221.98 | 3634225.90 | 0.83943 | 502271.98 | 3634225.90 | 0.88339 |
| 502321.98 | 3634225.90 | 0.93415 | 502371.98 | 3634225.90 | 0.98957 |
| 502421.98 | 3634225.90 | 1.04758 | 502471.98 | 3634225.90 | 1.11055 |
| 502521.98 | 3634225.90 | 1.17894 | 502571.98 | 3634225.90 | 1.25529 |
| 502621.98 | 3634225.90 | 1.33920 | 502671.98 | 3634225.90 | 1.43294 |
| 504771.98 | 3634225.90 | 1.44570 | 504821.98 | 3634225.90 | 1.31438 |
| 504871.98 | 3634225.90 | 1.21573 | 504921.98 | 3634225.90 | 1.11440 |
| 504971.98 | 3634225.90 | 1.04746 | 505021.98 | 3634225.90 | 0.96270 |
| 505071.98 | 3634225.90 | 0.88941 | 505121.98 | 3634225.90 | 0.85467 |
| 505171.98 | 3634225.90 | 0.80097 | 505221.98 | 3634225.90 | 0.79237 |
| 502221.98 | 3634275.90 | 0.84881 | 502271.98 | 3634275.90 | 0.89396 |
| 502321.98 | 3634275.90 | 0.94496 | 502371.98 | 3634275.90 | 1.00251 |
| 502421.98 | 3634275.90 | 1.06205 | 502471.98 | 3634275.90 | 1.12694 |
| 502521.98 | 3634275.90 | 1.19848 | 502571.98 | 3634275.90 | 1.27719 |
| 502621.98 | 3634275.90 | 1.36511 | 502671.98 | 3634275.90 | 1.46278 |
| 504771.98 | 3634275.90 | 1.33337 | 504821.98 | 3634275.90 | 1.20967 |
| 504871.98 | 3634275.90 | 1.11530 | 504921.98 | 3634275.90 | 1.04252 |
| 504971.98 | 3634275.90 | 1.00367 | 505021.98 | 3634275.90 | 0.91364 |
| 505071.98 | 3634275.90 | 0.85339 | 505121.98 | | |

3634275.90        0.82919
         505171.98    3634275.90        0.76733                          505221.98
3634275.90        0.76671
         502221.98    3634325.90        0.85765                          502271.98
3634325.90        0.90454
         502321.98    3634325.90        0.95519                          502371.98
3634325.90        1.01061
         502421.98    3634325.90        1.07110                          502471.98
3634325.90        1.13714
         502521.98    3634325.90        1.21032                          502571.98
3634325.90        1.29114
         502621.98    3634325.90        1.38083                          502671.98
3634325.90        1.48173
         504771.98    3634325.90        1.23462                          504821.98
3634325.90        1.15615
         504871.98    3634325.90        1.08548                          504921.98
3634325.90        1.04016
         504971.98    3634325.90        0.99891                          505021.98
3634325.90        0.90234
         505071.98    3634325.90        0.84920                          505121.98
3634325.90        0.84061
         505171.98    3634325.90        0.78058                          505221.98
3634325.90        0.75600
         502221.98    3634375.90        0.86615                          502271.98
3634375.90        0.91382
         502321.98    3634375.90        0.96406                          502371.98
3634375.90        1.01922
         502421.98    3634375.90        1.08269                          502471.98
3634375.90        1.15238
         502521.98    3634375.90        1.22988                          502571.98
3634375.90        1.31350

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 1.40372 | 502671.98 | 3634375.90 | 1.50187 |
| 504771.98 | 3634375.90 | 1.22048 | 504821.98 | 3634375.90 | 1.18294 |
| 504871.98 | 3634375.90 | 1.11971 | 504921.98 | 3634375.90 | 1.07932 |
| 504971.98 | 3634375.90 | 1.01378 | 505021.98 | 3634375.90 | 0.91242 |
| 505071.98 | 3634375.90 | 0.86495 | 505121.98 | 3634375.90 | 0.86296 |
| 505171.98 | 3634375.90 | 0.80376 | 505221.98 | 3634375.90 | 0.75765 |
| 502221.98 | 3634425.90 | 0.87418 | 502271.98 | 3634425.90 | 0.92270 |
| 502321.98 | 3634425.90 | 0.97512 | 502371.98 | 3634425.90 | 1.03249 |
| 502421.98 | 3634425.90 | 1.09576 | 502471.98 | 3634425.90 | 1.16484 |
| 502521.98 | 3634425.90 | 1.24197 | 502571.98 | 3634425.90 | 1.32715 |
| 502621.98 | 3634425.90 | 1.42223 | 502671.98 | 3634425.90 | 1.52834 |
| 504771.98 | 3634425.90 | 1.22462 | 504821.98 | 3634425.90 | 1.18169 |
| 504871.98 | 3634425.90 | 1.17314 | 504921.98 | 3634425.90 | 1.15649 |
| 504971.98 | 3634425.90 | 1.03230 | 505021.98 | 3634425.90 | 0.95786 |
| 505071.98 | 3634425.90 | 0.92739 | 505121.98 | 3634425.90 | 0.89017 |
| 505171.98 | 3634425.90 | 0.82405 | 505221.98 | 3634425.90 | 0.76773 |
| 502221.98 | 3634475.90 | 0.87878 | 502271.98 | 3634475.90 | 0.92759 |
| 502321.98 | 3634475.90 | 0.98071 | 502371.98 | 3634475.90 | 1.03888 |
| 502421.98 | 3634475.90 | 1.10273 | 502471.98 | 3634475.90 | 1.17289 |
| 502521.98 | 3634475.90 | 1.25116 | 502571.98 | 3634475.90 | 1.33774 |
| 502621.98 | 3634475.90 | 1.43427 | 502671.98 | 3634475.90 | 1.54257 |
| 504771.98 | 3634475.90 | 1.22759 | 504821.98 | 3634475.90 | 1.15695 |
| 504871.98 | 3634475.90 | 1.16046 | 504921.98 | | |

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3634475.90        1.24160
         504971.98    3634475.90        1.12930                        505021.98
3634475.90        1.05362
         505071.98    3634475.90        1.00723                        505121.98
3634475.90        0.93537
         505171.98    3634475.90        0.85938                        505221.98
3634475.90        0.79532
         502221.98    3634525.90        0.88217                        502271.98
3634525.90        0.93102
         502321.98    3634525.90        0.98447                        502371.98
3634525.90        1.04315
         502421.98    3634525.90        1.10743                        502471.98
3634525.90        1.17844
         502521.98    3634525.90        1.25694                        502571.98
3634525.90        1.34455
         502621.98    3634525.90        1.44226                        502671.98
3634525.90        1.55279
         504771.98    3634525.90        1.32837                        504821.98
3634525.90        1.21915
         504871.98    3634525.90        1.22013                        504921.98
3634525.90        1.33835
         504971.98    3634525.90        1.32411                        505021.98
3634525.90        1.21026
         505071.98    3634525.90        1.11324                        505121.98
3634525.90        0.99964
         505171.98    3634525.90        0.89813                        505221.98
3634525.90        0.81563
         502221.98    3634575.90        0.88472                        502271.98
3634575.90        0.93299
         502321.98    3634575.90        0.98638                        502371.98
3634575.90        1.04514
         502421.98    3634575.90        1.10979                        502471.98
3634575.90        1.18119
         502521.98    3634575.90        1.26002                        502571.98
3634575.90        1.34783
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 1.44599 | 502671.98 | 3634575.90 | 1.55674 |
| 504771.98 | 3634575.90 | 1.59841 | 504821.98 | 3634575.90 | 1.44678 |
| 504871.98 | 3634575.90 | 1.47020 | 504921.98 | 3634575.90 | 1.56897 |
| 504971.98 | 3634575.90 | 1.45319 | 505021.98 | 3634575.90 | 1.27851 |
| 505071.98 | 3634575.90 | 1.15176 | 505121.98 | 3634575.90 | 1.04217 |
| 505171.98 | 3634575.90 | 0.89021 | 505221.98 | 3634575.90 | 0.81616 |
| 502221.98 | 3634625.90 | 0.88521 | 502271.98 | 3634625.90 | 0.93408 |
| 502321.98 | 3634625.90 | 0.98650 | 502371.98 | 3634625.90 | 1.04507 |
| 502421.98 | 3634625.90 | 1.10948 | 502471.98 | 3634625.90 | 1.18072 |
| 502521.98 | 3634625.90 | 1.26032 | 502571.98 | 3634625.90 | 1.34787 |
| 502621.98 | 3634625.90 | 1.44578 | 502671.98 | 3634625.90 | 1.55539 |
| 504771.98 | 3634625.90 | 2.01881 | 504821.98 | 3634625.90 | 1.96345 |
| 504871.98 | 3634625.90 | 1.81727 | 504921.98 | 3634625.90 | 1.67260 |
| 504971.98 | 3634625.90 | 1.48793 | 505021.98 | 3634625.90 | 1.30717 |
| 505071.98 | 3634625.90 | 1.14953 | 505121.98 | 3634625.90 | 1.04423 |
| 505171.98 | 3634625.90 | 0.88104 | 505221.98 | 3634625.90 | 0.80577 |
| 502221.98 | 3634675.90 | 0.88365 | 502271.98 | 3634675.90 | 0.93298 |
| 502321.98 | 3634675.90 | 0.98637 | 502371.98 | 3634675.90 | 1.04448 |
| 502421.98 | 3634675.90 | 1.10861 | 502471.98 | 3634675.90 | 1.17926 |
| 502521.98 | 3634675.90 | 1.25735 | 502571.98 | 3634675.90 | 1.34429 |
| 502621.98 | 3634675.90 | 1.44116 | 502671.98 | | |

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3634675.90        1.54923
         504771.98    3634675.90        2.19983                        504821.98
3634675.90        2.02959
         504871.98    3634675.90        1.82814                        504921.98
3634675.90        1.69213
         504971.98    3634675.90        1.54810                        505021.98
3634675.90        1.32800
         505071.98    3634675.90        1.12708                        505121.98
3634675.90        1.03321
         505171.98    3634675.90        0.89933                        505221.98
3634675.90        0.81509
         502221.98    3634725.90        0.88089                        502271.98
3634725.90        0.92955
         502321.98    3634725.90        0.98169                        502371.98
3634725.90        1.03935
         502421.98    3634725.90        1.10340                        502471.98
3634725.90        1.17330
         502521.98    3634725.90        1.25008                        502571.98
3634725.90        1.33584
         502621.98    3634725.90        1.43093                        502671.98
3634725.90        1.53757
         504771.98    3634725.90        2.15355                        504821.98
3634725.90        2.00198
         504871.98    3634725.90        1.85873                        504921.98
3634725.90        1.69072
         504971.98    3634725.90        1.50621                        505021.98
3634725.90        1.25556
         505071.98    3634725.90        1.10357                        505121.98
3634725.90        1.00374
         505171.98    3634725.90        0.87728                        505221.98
3634725.90        0.81634
         502221.98    3634775.90        0.87725                        502271.98
3634775.90        0.92521
         502321.98    3634775.90        0.97602                        502371.98
3634775.90        1.03240
         502421.98    3634775.90        1.09436                        502471.98
3634775.90        1.16293
         502521.98    3634775.90        1.23959                        502571.98
3634775.90        1.32291
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 196
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
```

, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
3634875.90        1.13600
         502521.98    3634875.90        1.20666                        502571.98
3634875.90        1.28445
         502621.98    3634875.90        1.37031                        502671.98
3634875.90        1.46537
         504771.98    3634875.90        1.93893                        504821.98
3634875.90        1.82157
         504871.98    3634875.90        1.69560                        504921.98
3634875.90        1.41604
         504971.98    3634875.90        1.11801                        505021.98
3634875.90        0.96294
         505071.98    3634875.90        0.88187                        505121.98
3634875.90        0.85649
         505171.98    3634875.90        0.80456                        505221.98
3634875.90        0.76837
         502221.98    3634925.90        0.85367                        502271.98
3634925.90        0.89829
         502321.98    3634925.90        0.94632                        502371.98
3634925.90        0.99848
         502421.98    3634925.90        1.05527                        502471.98
3634925.90        1.11719
         502521.98    3634925.90        1.18508                        502571.98
3634925.90        1.25949
         502621.98    3634925.90        1.34138                        502671.98
3634925.90        1.43167
         504771.98    3634925.90        1.86390                        504821.98
3634925.90        1.74996
         504871.98    3634925.90        1.63575                        504921.98
3634925.90        1.39566
         504971.98    3634925.90        1.10824                        505021.98
3634925.90        0.92154
         505071.98    3634925.90        0.83303                        505121.98
3634925.90        0.80746
         505171.98    3634925.90        0.76948                        505221.98
3634925.90        0.74402
         502221.98    3634975.90        0.84226                        502271.98
3634975.90        0.88545
         502321.98    3634975.90        0.93189                        502371.98
3634975.90        0.98213
         502421.98    3634975.90        1.03671                        502471.98
3634975.90        1.09611
         502521.98    3634975.90        1.16092                        502571.98
3634975.90        1.23182
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 197
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***

INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 1.30955 | 502671.98 | 3634975.90 | 1.39501 |
| 504821.98 | 3634975.90 | 1.67734 | 504871.98 | 3634975.90 | 1.57516 |
| 504921.98 | 3634975.90 | 1.42408 | 504971.98 | 3634975.90 | 1.08786 |
| 505021.98 | 3634975.90 | 0.91330 | 505071.98 | 3634975.90 | 0.82190 |
| 505121.98 | 3634975.90 | 0.81502 | 505171.98 | 3634975.90 | 0.77823 |
| 505221.98 | 3634975.90 | 0.73843 | 502221.98 | 3635025.90 | 0.82948 |
| 502271.98 | 3635025.90 | 0.87119 | 502321.98 | 3635025.90 | 0.91586 |
| 502371.98 | 3635025.90 | 0.96414 | 502421.98 | 3635025.90 | 1.01634 |
| 502471.98 | 3635025.90 | 1.07307 | 502521.98 | 3635025.90 | 1.13473 |
| 502571.98 | 3635025.90 | 1.20203 | 502621.98 | 3635025.90 | 1.27554 |
| 502671.98 | 3635025.90 | 1.35613 | 504871.98 | 3635025.90 | 1.51595 |
| 504921.98 | 3635025.90 | 1.38322 | 504971.98 | 3635025.90 | 1.12377 |
| 505021.98 | 3635025.90 | 0.91642 | 505071.98 | 3635025.90 | 0.84035 |
| 505121.98 | 3635025.90 | 0.84571 | 505171.98 | 3635025.90 | 0.81346 |
| 505221.98 | 3635025.90 | 0.75894 | 502221.98 | 3635075.90 | 0.81586 |
| 502271.98 | 3635075.90 | 0.85583 | 502321.98 | 3635075.90 | 0.89843 |
| 502371.98 | 3635075.90 | 0.94468 | 502421.98 | | |

```
3635075.90        0.99444
         502471.98    3635075.90        1.04837                        502521.98
3635075.90        1.10695
         502571.98    3635075.90        1.17069                        502621.98
3635075.90        1.24016
         502671.98    3635075.90        1.31584                        504921.98
3635075.90        1.37041
         504971.98    3635075.90        1.23614                        505021.98
3635075.90        0.97726
         505071.98    3635075.90        0.91835                        505121.98
3635075.90        0.91529
         505171.98    3635075.90        0.91669                        505221.98
3635075.90        0.84667
         502221.98    3635125.90        0.80103                        502271.98
3635125.90        0.83949
         502321.98    3635125.90        0.88020                        502371.98
3635125.90        0.92424
         502421.98    3635125.90        0.97164                        502471.98
3635125.90        1.02274
         502521.98    3635125.90        1.07829                        502571.98
3635125.90        1.13852
         502621.98    3635125.90        1.20386                        502671.98
3635125.90        1.27504
         505021.98    3635125.90        1.14184                        505071.98
3635125.90        1.05364
         505121.98    3635125.90        1.03712                        505171.98
3635125.90        1.01050
         505221.98    3635125.90        0.90283                        502221.98
3635175.90        0.78547
         502271.98    3635175.90        0.82232                        502321.98
3635175.90        0.86115
         502371.98    3635175.90        0.90297                        502421.98
3635175.90        0.94797
         502471.98    3635175.90        0.99643                        502521.98
3635175.90        1.04879
         502571.98    3635175.90        1.10574                        502621.98
3635175.90        1.16746
         502671.98    3635175.90        1.23415                        505121.98
3635175.90        1.04404
         505171.98    3635175.90        0.99556                        505221.98
3635175.90        0.94611
         502221.98    3635225.90        0.76948                        502271.98
3635225.90        0.80447
         502321.98    3635225.90        0.84170                        502371.98
3635225.90        0.88151
         502421.98    3635225.90        0.92422                        502471.98
3635225.90        0.97017
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***

INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 1.01979 | 502571.98 | 3635225.90 | 1.07338 |
| 502621.98 | 3635225.90 | 1.13119 | 502671.98 | 3635225.90 | 1.19392 |
| 502221.98 | 3635275.90 | 0.81668 | 502271.98 | 3635275.90 | 0.78647 |
| 502321.98 | 3635275.90 | 0.82163 | 502371.98 | 3635275.90 | 0.86980 |
| 502421.98 | 3635275.90 | 0.90008 | 502471.98 | 3635275.90 | 0.94762 |
| 502521.98 | 3635275.90 | 1.02356 | 502571.98 | 3635275.90 | 1.04100 |
| 502621.98 | 3635275.90 | 1.09549 | 502671.98 | 3635275.90 | 1.15413 |
| 502221.98 | 3635325.90 | 0.79053 | 502271.98 | 3635325.90 | 0.76820 |
| 502321.98 | 3635325.90 | 0.84109 | 502371.98 | 3635325.90 | 0.87545 |
| 502421.98 | 3635325.90 | 0.91060 | 502471.98 | 3635325.90 | 0.94678 |
| 502521.98 | 3635325.90 | 0.98485 | 502571.98 | 3635325.90 | 1.02409 |
| 502621.98 | 3635325.90 | 1.06626 | 502671.98 | 3635325.90 | 1.11663 |
| 502221.98 | 3635375.90 | 0.76038 | 502271.98 | 3635375.90 | 0.78261 |
| 502321.98 | 3635375.90 | 0.81343 | 502371.98 | 3635375.90 | 0.84514 |
| 502421.98 | 3635375.90 | 0.87827 | 502471.98 | | |

3635375.90 0.91258
502521.98 3635375.90 0.94642 502571.98 3635375.90 0.98438
502621.98 3635375.90 1.02532 502671.98 3635375.90 1.06985
502221.98 3635425.90 0.73676 502271.98 3635425.90 0.75759
502321.98 3635425.90 0.78570 502371.98 3635425.90 0.81487
502421.98 3635425.90 0.84558 502471.98 3635425.90 0.87746
502521.98 3635425.90 0.90978 502571.98 3635425.90 0.94483
502621.98 3635425.90 0.98288 502671.98 3635425.90 1.02470
504771.98 3635425.90 1.23637 502221.98 3635475.90 0.71176
502271.98 3635475.90 0.73461 502321.98 3635475.90 0.76010
502371.98 3635475.90 0.78682 502421.98 3635475.90 0.81460
502471.98 3635475.90 0.84139 502521.98 3635475.90 0.87358
502571.98 3635475.90 0.90686 502621.98 3635475.90 0.94342
502671.98 3635475.90 0.97971 504771.98 3635475.90 1.20931
504821.98 3635475.90 1.14692 504871.98 3635475.90 1.09308
504921.98 3635475.90 1.04023 502221.98 3635525.90 0.68621
502271.98 3635525.90 0.71117 502321.98 3635525.90 0.73447
502371.98 3635525.90 0.75852 502421.98 3635525.90 0.78380
502471.98 3635525.90 0.80935 502521.98 3635525.90 0.83911
502571.98 3635525.90 0.87019 502621.98 3635525.90 0.90265
502671.98 3635525.90 0.93584 502721.98 3635525.90 0.97323
502771.98 3635525.90 1.01620 502821.98 3635525.90 1.06209
502871.98 3635525.90 1.11238 502921.98 3635525.90 1.16319
502971.98 3635525.90 1.21664 503021.98 3635525.90 1.27213
503071.98 3635525.90 1.33181 503121.98 3635525.90 1.39636
503171.98 3635525.90 1.44824 503221.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN    ***
                                    INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

3635525.90 1.38814
504571.98 3635525.90 1.36641 504621.98
3635525.90 1.32494
504671.98 3635525.90 1.27391 504721.98
3635525.90 1.22785
504771.98 3635525.90 1.16940 504821.98
3635525.90 1.11521
504871.98 3635525.90 1.06228 504921.98
3635525.90 1.00747
504971.98 3635525.90 0.96382 505021.98
3635525.90 0.92367
505071.98 3635525.90 0.88328 505121.98
3635525.90 0.84546
505171.98 3635525.90 0.81014 505221.98
3635525.90 0.77672
502221.98 3635575.90 0.65722 502271.98
3635575.90 0.68707
502321.98 3635575.90 0.70850 502371.98
3635575.90 0.73055
502421.98 3635575.90 0.75288 502471.98
3635575.90 0.77840
502521.98 3635575.90 0.80761 502571.98
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502621.98 3635575.90 0.86737 502671.98
3635575.90 0.89852
502721.98 3635575.90 0.93407 502771.98
3635575.90 0.97575
502821.98 3635575.90 1.01833 502871.98
3635575.90 1.06291
502921.98 3635575.90 1.10966 502971.98
3635575.90 1.15606
503021.98 3635575.90 1.20451 503071.98
3635575.90 1.25866
503121.98 3635575.90 1.31557 503171.98
3635575.90 1.36064
503221.98 3635575.90 1.39654 503271.98
3635575.90 1.44562
503321.98 3635575.90 1.49500 503371.98
3635575.90 1.54680
503421.98 3635575.90 1.59931 503471.98
3635575.90 1.65726
503521.98 3635575.90 1.70811 503571.98
3635575.90 1.73496
503621.98 3635575.90 1.73096 503671.98
3635575.90 1.74671
503721.98 3635575.90 1.76523 503771.98
3635575.90 1.78147
503821.98 3635575.90 1.79348 503871.98
3635575.90 1.81814
503921.98 3635575.90 1.84494 503971.98

3635575.90        1.87152
         504021.98    3635575.90        1.77199                       504071.98
3635575.90        1.73142
         504121.98    3635575.90        1.72021                       504171.98
3635575.90        1.70478

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504221.98    3635575.90        1.61459                       504271.98
3635575.90        1.53571
         504321.98    3635575.90        1.49259                       504371.98
3635575.90        1.44806
         504421.98    3635575.90        1.40273                       504471.98
3635575.90        1.35752
         504521.98    3635575.90        1.31114                       504571.98
3635575.90        1.26531
         504621.98    3635575.90        1.26157                       504671.98
3635575.90        1.21569
         504721.98    3635575.90        1.17149                       504771.98
3635575.90        1.12669
         504821.98    3635575.90        1.08031                       504871.98
3635575.90        1.02842
         504921.98    3635575.90        0.97512                       504971.98
3635575.90        0.93655
         505021.98    3635575.90        0.89768                       505071.98
3635575.90        0.85967
         505121.98    3635575.90        0.82618                       505171.98
3635575.90        0.78933
         505221.98    3635575.90        0.75961                       502221.98

3635625.90 0.62598
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3635625.90 0.67918
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3635625.90 0.97000
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3635625.90 1.05064
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3635625.90 1.22681
503171.98 3635625.90 1.27174 503221.98
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3635625.90 1.50101
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503671.98 3635625.90 1.64805 503721.98
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503871.98 3635625.90 1.67070 503921.98
3635625.90 1.69866
503971.98 3635625.90 1.71788 504021.98
3635625.90 1.65243
504071.98 3635625.90 1.62515 504121.98
3635625.90 1.60931
504171.98 3635625.90 1.58781 504221.98
3635625.90 1.56841
504271.98 3635625.90 1.52650 504321.98
3635625.90 1.39871
504371.98 3635625.90 1.36011 504421.98
3635625.90 1.33397
504471.98 3635625.90 1.28034 504521.98
3635625.90 1.23984
504571.98 3635625.90 1.19960 504621.98
3635625.90 1.16252
504671.98 3635625.90 1.14470 504721.98

3635625.90        1.11816
         504771.98    3635625.90        1.08450                        504821.98
3635625.90        1.04355
         504871.98    3635625.90        0.99600                        504921.98
3635625.90        0.94521
         504971.98    3635625.90        0.91139                        505021.98
3635625.90        0.86653
         505071.98    3635625.90        0.83045                        505121.98
3635625.90        0.80276

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                   INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505171.98    3635625.90        0.76934                        505221.98
3635625.90        0.73876
         502221.98    3635675.90        0.59439                        502271.98
3635675.90        0.62502
         502321.98    3635675.90        0.64563                        502371.98
3635675.90        0.66884
         502421.98    3635675.90        0.68840                        502471.98
3635675.90        0.71278
         502521.98    3635675.90        0.73956                        502571.98
3635675.90        0.77118
         502621.98    3635675.90        0.80310                        502671.98
3635675.90        0.83382
         502721.98    3635675.90        0.86186                        502771.98
3635675.90        0.88883
         502821.98    3635675.90        0.92349                        502871.98
3635675.90        0.95882
         502921.98    3635675.90        0.98594                        502971.98

3635675.90 1.03150
503021.98 3635675.90 1.06809 503071.98
3635675.90 1.11028
503121.98 3635675.90 1.14962 503171.98
3635675.90 1.18961
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3635675.90 1.27923
503321.98 3635675.90 1.31894 503371.98
3635675.90 1.36227
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3635675.90 1.48235
504221.98 3635675.90 1.46119 504271.98
3635675.90 1.43725
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3635675.90 1.27955
504421.98 3635675.90 1.24498 504471.98
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504521.98 3635675.90 1.23258 504571.98
3635675.90 1.13785
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3635675.90 1.09786
504721.98 3635675.90 1.06402 504771.98
3635675.90 1.05863
504821.98 3635675.90 1.00631 504871.98
3635675.90 0.96372
504921.98 3635675.90 0.91700 504971.98
3635675.90 0.88694
505021.98 3635675.90 0.84728 505071.98
3635675.90 0.80877
505121.98 3635675.90 0.78282 505171.98
3635675.90 0.75147
505221.98 3635675.90 0.72119 502221.98
3635725.90 0.56858
502271.98 3635725.90 0.59902 502321.98
3635725.90 0.62229
502371.98 3635725.90 0.64657 502421.98

3635725.90        0.66491
         502471.98    3635725.90        0.68905                        502521.98
3635725.90        0.71237
         502571.98    3635725.90        0.74511                        502621.98
3635725.90        0.77563
         502671.98    3635725.90        0.80183                        502721.98
3635725.90        0.82934
         502771.98    3635725.90        0.85534                        502821.98
3635725.90        0.88499
         502871.98    3635725.90        0.91754                        502921.98
3635725.90        0.93762
         502971.98    3635725.90        0.97458                        503021.98
3635725.90        1.00498

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503071.98    3635725.90        1.04659                        503121.98
3635725.90        1.07740
         503171.98    3635725.90        1.11437                        503221.98
3635725.90        1.16441
         503271.98    3635725.90        1.20125                        503321.98
3635725.90        1.23504
         503371.98    3635725.90        1.27322                        503421.98
3635725.90        1.32355
         503471.98    3635725.90        1.36550                        503521.98
3635725.90        1.40357
         503571.98    3635725.90        1.42998                        503621.98
3635725.90        1.44934
         503671.98    3635725.90        1.44900                        503721.98

3635725.90 1.46722
503771.98 3635725.90 1.47376 503821.98
3635725.90 1.46831
503871.98 3635725.90 1.46648 503921.98
3635725.90 1.48920
503971.98 3635725.90 1.50426 504021.98
3635725.90 1.46489
504071.98 3635725.90 1.45045 504121.98
3635725.90 1.42091
504171.98 3635725.90 1.40243 504221.98
3635725.90 1.40535
504271.98 3635725.90 1.37882 504321.98
3635725.90 1.32181
504371.98 3635725.90 1.28341 504421.98
3635725.90 1.18921
504471.98 3635725.90 1.21341 504521.98
3635725.90 1.18287
504571.98 3635725.90 1.13144 504621.98
3635725.90 1.09919
504671.98 3635725.90 1.06783 504721.98
3635725.90 1.02081
504771.98 3635725.90 0.98703 504821.98
3635725.90 0.96292
504871.98 3635725.90 0.92378 504921.98
3635725.90 0.88858
504971.98 3635725.90 0.86268 505021.98
3635725.90 0.82961
505071.98 3635725.90 0.79118 505121.98
3635725.90 0.76433
505171.98 3635725.90 0.73391 505221.98
3635725.90 0.70476
502221.98 3635775.90 0.54744 502271.98
3635775.90 0.57860
502321.98 3635775.90 0.60057 502371.98
3635775.90 0.62514
502421.98 3635775.90 0.64380 502471.98
3635775.90 0.66610
502521.98 3635775.90 0.68893 502571.98
3635775.90 0.71572
502621.98 3635775.90 0.74240 502671.98
3635775.90 0.76886
502721.98 3635775.90 0.79946 502771.98
3635775.90 0.82785
502821.98 3635775.90 0.85419 502871.98
3635775.90 0.88137
502921.98 3635775.90 0.90046 502971.98
3635775.90 0.93406
503021.98 3635775.90 0.95330 503071.98
3635775.90 0.98735
503121.98 3635775.90 1.01842 503171.98

3635775.90        1.05684
         503221.98    3635775.90        1.04183                        503271.98
3635775.90        1.04759
         503321.98    3635775.90        1.09876                        503371.98
3635775.90        1.17777
         503421.98    3635775.90        1.23853                        503471.98
3635775.90        1.28168
         503521.98    3635775.90        1.30847                        503571.98
3635775.90        1.35007
         503621.98    3635775.90        1.37378                        503671.98
3635775.90        1.37605
         503721.98    3635775.90        1.37254                        503771.98
3635775.90        1.38223
         503821.98    3635775.90        1.38339                        503871.98
3635775.90        1.39646
         503921.98    3635775.90        1.42745                        503971.98
3635775.90        1.43466

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635775.90 1.16539
504521.98 3635775.90 1.13251 504571.98
3635775.90 1.08592
504621.98 3635775.90 1.05643 504671.98
3635775.90 1.01897
504721.98 3635775.90 0.98118 504771.98
3635775.90 0.95197
504821.98 3635775.90 0.92176 504871.98
3635775.90 0.89147
504921.98 3635775.90 0.86050 504971.98
3635775.90 0.83975
505021.98 3635775.90 0.80918 505071.98
3635775.90 0.77207
505121.98 3635775.90 0.74503 505171.98
3635775.90 0.71668
505221.98 3635775.90 0.68955 502221.98
3635825.90 0.52894
502271.98 3635825.90 0.55951 502321.98
3635825.90 0.58160
502371.98 3635825.90 0.60615 502421.98
3635825.90 0.62329
502471.98 3635825.90 0.64504 502521.98
3635825.90 0.66594
502571.98 3635825.90 0.69150 502621.98
3635825.90 0.71690
502671.98 3635825.90 0.74233 502721.98
3635825.90 0.76830
502771.98 3635825.90 0.79669 502821.98
3635825.90 0.82225
502871.98 3635825.90 0.84785 502921.98
3635825.90 0.86536
502971.98 3635825.90 0.89643 503021.98
3635825.90 0.90201
503071.98 3635825.90 0.92235 503121.98
3635825.90 0.95585
503171.98 3635825.90 0.99325 503221.98
3635825.90 0.96230
503271.98 3635825.90 0.98107 503321.98
3635825.90 1.02627
503371.98 3635825.90 1.10977 503421.98
3635825.90 1.15997
503471.98 3635825.90 1.20434 503521.98
3635825.90 1.17691
503571.98 3635825.90 1.22320 503621.98
3635825.90 1.28136
503671.98 3635825.90 1.30784 503721.98
3635825.90 1.30705
503771.98 3635825.90 1.30065 503821.98
3635825.90 1.30736
503871.98 3635825.90 1.31763 503921.98

3635825.90        1.33844
         503971.98    3635825.90        1.35719                        504021.98
3635825.90        1.32652
         504071.98    3635825.90        1.36070                        504121.98
3635825.90        1.35468
         504171.98    3635825.90        1.31430                        504221.98
3635825.90        1.29815
         504271.98    3635825.90        1.29364                        504321.98
3635825.90        1.24598
         504371.98    3635825.90        1.19102                        504421.98
3635825.90        1.14962
         504471.98    3635825.90        1.12389                        504521.98
3635825.90        1.09883
         504571.98    3635825.90        1.04911                        504621.98
3635825.90        1.01654
         504671.98    3635825.90        0.97817                        504721.98
3635825.90        0.93858
         504771.98    3635825.90        0.91101                        504821.98
3635825.90        0.88953
         504871.98    3635825.90        0.86469                        504921.98
3635825.90        0.83506

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635825.90 0.67501
502221.98 3635875.90 0.51309 502271.98
3635875.90 0.54314
502321.98 3635875.90 0.56613 502371.98
3635875.90 0.58774
502421.98 3635875.90 0.60435 502471.98
3635875.90 0.62456
502521.98 3635875.90 0.64318 502571.98
3635875.90 0.66723
502621.98 3635875.90 0.68792 502671.98
3635875.90 0.71251
502721.98 3635875.90 0.73931 502771.98
3635875.90 0.76648
502821.98 3635875.90 0.79030 502871.98
3635875.90 0.81511
502921.98 3635875.90 0.82491 502971.98
3635875.90 0.85364
503021.98 3635875.90 0.85530 503071.98
3635875.90 0.87421
503121.98 3635875.90 0.90242 503171.98
3635875.90 0.93694
503221.98 3635875.90 0.94719 503271.98
3635875.90 0.95102
503321.98 3635875.90 1.00939 503371.98
3635875.90 1.04490
503421.98 3635875.90 1.09312 503471.98
3635875.90 1.12288
503521.98 3635875.90 1.03819 503571.98
3635875.90 1.14614
503621.98 3635875.90 1.21140 503671.98
3635875.90 1.23111
503721.98 3635875.90 1.23219 503771.98
3635875.90 1.23093
503821.98 3635875.90 1.23876 503871.98
3635875.90 1.25612
503921.98 3635875.90 1.26599 503971.98
3635875.90 1.27791
504021.98 3635875.90 1.27058 504071.98
3635875.90 1.29344
504121.98 3635875.90 1.29062 504171.98
3635875.90 1.27367
504221.98 3635875.90 1.27126 504271.98
3635875.90 1.25781
504321.98 3635875.90 1.21467 504371.98
3635875.90 1.17461
504421.98 3635875.90 1.14185 504471.98
3635875.90 1.09068
504521.98 3635875.90 1.05389 504571.98
3635875.90 1.01763
504621.98 3635875.90 0.98274 504671.98

3635875.90        0.94653
         504721.98    3635875.90        0.90222                        504771.98
3635875.90        0.87659
         504821.98    3635875.90        0.85676                        504871.98
3635875.90        0.83200
         504921.98    3635875.90        0.80788                        504971.98
3635875.90        0.79034
         505021.98    3635875.90        0.76069                        505071.98
3635875.90        0.73312
         505121.98    3635875.90        0.70965                        505171.98
3635875.90        0.68471
         505221.98    3635875.90        0.66101                        502221.98
3635925.90        0.49710
         502271.98    3635925.90        0.52676                        502321.98
3635925.90        0.54758
         502371.98    3635925.90        0.57053                        502421.98
3635925.90        0.58614
         502471.98    3635925.90        0.60489                        502521.98
3635925.90        0.62027
         502571.98    3635925.90        0.64198                        502621.98
3635925.90        0.66312
         502671.98    3635925.90        0.68655                        502721.98
3635925.90        0.71212
         502771.98    3635925.90        0.73840                        502821.98
3635925.90        0.76012

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

```
3635925.90        0.79113
         502971.98    3635925.90        0.81354                    503021.98
3635925.90        0.81537
         503071.98    3635925.90        0.82989                    503121.98
3635925.90        0.85541
         503171.98    3635925.90        0.87971                    503221.98
3635925.90        0.89438
         503271.98    3635925.90        0.91873                    503321.98
3635925.90        0.95669
         503371.98    3635925.90        0.99518                    503421.98
3635925.90        1.03155
         503471.98    3635925.90        1.01851                    503521.98
3635925.90        0.98537
         503571.98    3635925.90        1.06972                    503621.98
3635925.90        1.15004
         503671.98    3635925.90        1.16295                    503721.98
3635925.90        1.16835
         503771.98    3635925.90        1.17262                    503821.98
3635925.90        1.17582
         503871.98    3635925.90        1.17987                    503921.98
3635925.90        1.19169
         503971.98    3635925.90        1.20621                    504021.98
3635925.90        1.20927
         504071.98    3635925.90        1.21996                    504121.98
3635925.90        1.22676
         504171.98    3635925.90        1.22815                    504221.98
3635925.90        1.22946
         504271.98    3635925.90        1.20761                    504321.98
3635925.90        1.17645
         504371.98    3635925.90        1.15254                    504421.98
3635925.90        1.12509
         504471.98    3635925.90        1.08589                    504521.98
3635925.90        1.03938
         504571.98    3635925.90        0.99145                    504621.98
3635925.90        0.94197
         504671.98    3635925.90        0.91673                    504721.98
3635925.90        0.88331
         504771.98    3635925.90        0.85074                    504821.98
3635925.90        0.82062
         504871.98    3635925.90        0.79981                    504921.98
3635925.90        0.77831
         504971.98    3635925.90        0.76735                    505021.98
3635925.90        0.74633
         505071.98    3635925.90        0.72199                    505121.98
3635925.90        0.69363
         505171.98    3635925.90        0.66913                    505221.98
3635925.90        0.65119
         502221.98    3635975.90        0.47786                    502271.98
3635975.90        0.50682
         502321.98    3635975.90        0.52750                    502371.98
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3635975.90        0.55161
         502421.98    3635975.90        0.56673                        502471.98
3635975.90        0.58506
         502521.98    3635975.90        0.60063                        502571.98
3635975.90        0.62379
         502621.98    3635975.90        0.64354                        502671.98
3635975.90        0.66337
         502721.98    3635975.90        0.68687                        502771.98
3635975.90        0.71051
         502821.98    3635975.90        0.73077                        502871.98
3635975.90        0.75429
         502921.98    3635975.90        0.76100                        502971.98
3635975.90        0.78130
         503021.98    3635975.90        0.78099                        503071.98
3635975.90        0.79927
         503121.98    3635975.90        0.81527                        503171.98
3635975.90        0.83564
         503221.98    3635975.90        0.85403                        503271.98
3635975.90        0.88352
         503321.98    3635975.90        0.91405                        503371.98
3635975.90        0.95817
         503421.98    3635975.90        0.94780                        503471.98
3635975.90        0.94275
         503521.98    3635975.90        0.98120                        503571.98
3635975.90        1.06059
         503621.98    3635975.90        1.08957                        503671.98
3635975.90        1.10161
         503721.98    3635975.90        1.10789                        503771.98
3635975.90        1.11161

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)

Y-COORD (M)  CONC

- - - -

3632475.90        0.35730
         503821.98    3632475.90        0.33029                          503921.98
3632475.90        0.30479
         504021.98    3632475.90        0.28363                          504121.98
3632475.90        0.27833
         504221.98    3632475.90        0.26141                          504321.98
3632475.90        0.25461
         504421.98    3632475.90        0.27230                          504521.98
3632475.90        0.29065
         504621.98    3632475.90        0.25406                          504721.98
3632475.90        0.24038
         504821.98    3632475.90        0.24105                          504921.98
3632475.90        0.23718
         505021.98    3632475.90        0.22907                          505121.98
3632475.90        0.23102
         505221.98    3632475.90        0.22533                          505321.98
3632475.90        0.22478
         505421.98    3632475.90        0.22647                          505521.98
3632475.90        0.22854
         505621.98    3632475.90        0.23319                          505721.98
3632475.90        0.24220
         501721.98    3632575.90        0.32095                          501821.98
3632575.90        0.33459
         501921.98    3632575.90        0.34886                          502021.98
3632575.90        0.36371
         502121.98    3632575.90        0.37915                          502221.98
3632575.90        0.39520
         502321.98    3632575.90        0.41166                          502421.98
3632575.90        0.42849
         502521.98    3632575.90        0.44554                          502621.98
3632575.90        0.46265
         502721.98    3632575.90        0.47951                          502821.98
3632575.90        0.45652


                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 0.45279 | 503021.98 | 3632575.90 | 0.44427 |
| 503121.98 | 3632575.90 | 0.44083 | 503221.98 | 3632575.90 | 0.43634 |
| 503321.98 | 3632575.90 | 0.42002 | 503421.98 | 3632575.90 | 0.40035 |
| 503721.98 | 3632575.90 | 0.36632 | 503821.98 | 3632575.90 | 0.33669 |
| 503921.98 | 3632575.90 | 0.26962 | 504021.98 | 3632575.90 | 0.25426 |
| 504121.98 | 3632575.90 | 0.25310 | 504221.98 | 3632575.90 | 0.25156 |
| 504321.98 | 3632575.90 | 0.24629 | 504421.98 | 3632575.90 | 0.25472 |
| 504521.98 | 3632575.90 | 0.28231 | 504621.98 | 3632575.90 | 0.27165 |
| 504721.98 | 3632575.90 | 0.24770 | 504821.98 | 3632575.90 | 0.25182 |
| 504921.98 | 3632575.90 | 0.24668 | 505021.98 | 3632575.90 | 0.23902 |
| 505121.98 | 3632575.90 | 0.24368 | 505221.98 | 3632575.90 | 0.24502 |
| 505321.98 | 3632575.90 | 0.24526 | 505421.98 | 3632575.90 | 0.24866 |
| 505521.98 | 3632575.90 | 0.25005 | 505621.98 | 3632575.90 | 0.25644 |
| 505721.98 | 3632575.90 | 0.26361 | 501721.98 | 3632675.90 | 0.33397 |
| 501821.98 | 3632675.90 | 0.34886 | 501921.98 | 3632675.90 | 0.36453 |
| 502021.98 | 3632675.90 | 0.38091 | 502121.98 | 3632675.90 | 0.39806 |
| 502221.98 | 3632675.90 | 0.41596 | 502321.98 | 3632675.90 | 0.43443 |
| 502421.98 | 3632675.90 | 0.45347 | 502521.98 | 3632675.90 | 0.47289 |
| 502621.98 | 3632675.90 | 0.49248 | 502721.98 | 3632675.90 | 0.51206 |
| 502821.98 | 3632675.90 | 0.46441 | 502921.98 | 3632675.90 | 0.44482 |
| 503021.98 | 3632675.90 | 0.43816 | 503721.98 | 3632675.90 | 0.39055 |
| 503821.98 | 3632675.90 | 0.36793 | 503921.98 | | |

3632675.90        0.33268
         504021.98    3632675.90        0.29030                        504121.98
3632675.90        0.27203
         504221.98    3632675.90        0.26462                        504321.98
3632675.90        0.26267
         504421.98    3632675.90        0.26762                        504521.98
3632675.90        0.27467
         504621.98    3632675.90        0.27063                        504721.98
3632675.90        0.26669
         504821.98    3632675.90        0.26814                        504921.98
3632675.90        0.26266
         505021.98    3632675.90        0.25947                        505121.98
3632675.90        0.26346
         505221.98    3632675.90        0.26551                        505321.98
3632675.90        0.26502
         505421.98    3632675.90        0.26949                        505521.98
3632675.90        0.27706
         505621.98    3632675.90        0.28349                        505721.98
3632675.90        0.28024
         502421.98    3632775.90        0.43356                        502521.98
3632775.90        0.42986
         502621.98    3632775.90        0.45816                        502721.98
3632775.90        0.54773
         502821.98    3632775.90        0.47615                        502921.98
3632775.90        0.39947
         503021.98    3632775.90        0.36751                        503121.98
3632775.90        0.40814
         503221.98    3632775.90        0.44784                        503621.98
3632775.90        0.44460
         503721.98    3632775.90        0.42742                        503821.98
3632775.90        0.37862
         503921.98    3632775.90        0.37020                        504021.98
3632775.90        0.35682
         504121.98    3632775.90        0.32249                        504221.98
3632775.90        0.29784
         504321.98    3632775.90        0.28681                        504421.98
3632775.90        0.28787


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 0.28882 | 504621.98 | 3632775.90 | 0.28638 |
| 504721.98 | 3632775.90 | 0.28720 | 504821.98 | 3632775.90 | 0.28514 |
| 504921.98 | 3632775.90 | 0.28378 | 505021.98 | 3632775.90 | 0.28529 |
| 505121.98 | 3632775.90 | 0.28831 | 505221.98 | 3632775.90 | 0.28811 |
| 505321.98 | 3632775.90 | 0.28951 | 505421.98 | 3632775.90 | 0.29650 |
| 505521.98 | 3632775.90 | 0.30743 | 505621.98 | 3632775.90 | 0.31251 |
| 505721.98 | 3632775.90 | 0.30614 | 501721.98 | 3632875.90 | 0.36164 |
| 501821.98 | 3632875.90 | 0.37940 | 501921.98 | 3632875.90 | 0.39822 |
| 502021.98 | 3632875.90 | 0.41815 | 502121.98 | 3632875.90 | 0.43925 |
| 502221.98 | 3632875.90 | 0.46141 | 502321.98 | 3632875.90 | 0.48482 |
| 502421.98 | 3632875.90 | 0.50927 | 502521.98 | 3632875.90 | 0.53458 |
| 502621.98 | 3632875.90 | 0.56064 | 502721.98 | 3632875.90 | 0.58694 |
| 502821.98 | 3632875.90 | 0.51336 | 502921.98 | 3632875.90 | 0.40034 |
| 503021.98 | 3632875.90 | 0.29726 | 503121.98 | 3632875.90 | 0.36982 |
| 503221.98 | 3632875.90 | 0.51119 | 503321.98 | 3632875.90 | 0.53235 |
| 503421.98 | 3632875.90 | 0.52730 | 503621.98 | 3632875.90 | 0.48278 |
| 503721.98 | 3632875.90 | 0.45983 | 503821.98 | 3632875.90 | 0.40020 |
| 503921.98 | 3632875.90 | 0.34682 | 504021.98 | 3632875.90 | 0.34143 |
| 504121.98 | 3632875.90 | 0.33485 | 504221.98 | 3632875.90 | 0.31831 |
| 504321.98 | 3632875.90 | 0.31383 | 504421.98 | | |

3632875.90  0.31097
  504521.98  3632875.90  0.30936  504621.98
3632875.90  0.30917
  504721.98  3632875.90  0.31138  504821.98
3632875.90  0.30878
  504921.98  3632875.90  0.31114  505021.98
3632875.90  0.31575
  505121.98  3632875.90  0.31618  505221.98
3632875.90  0.31687
  505321.98  3632875.90  0.32179  505421.98
3632875.90  0.33485
  505521.98  3632875.90  0.33788  505621.98
3632875.90  0.33971
  505721.98  3632875.90  0.33068  501721.98
3632975.90  0.37606
  501821.98  3632975.90  0.39549  501921.98
3632975.90  0.41618
  502021.98  3632975.90  0.43818  502121.98
3632975.90  0.46157
  505321.98  3632975.90  0.36724  505421.98
3632975.90  0.37240
  505521.98  3632975.90  0.37437  505621.98
3632975.90  0.36981
  505721.98  3632975.90  0.35855  501721.98
3633075.90  0.39073
  501821.98  3633075.90  0.41191  501921.98
3633075.90  0.43470
  502021.98  3633075.90  0.45901  502121.98
3633075.90  0.48505
  505321.98  3633075.90  0.40892  505421.98
3633075.90  0.41337
  505521.98  3633075.90  0.41325  505621.98
3633075.90  0.40472
  505721.98  3633075.90  0.38575  501721.98
3633175.90  0.40562
  501821.98  3633175.90  0.42875  501921.98
3633175.90  0.45366
  502021.98  3633175.90  0.48059  502121.98
3633175.90  0.50919
  505321.98  3633175.90  0.45221  505421.98
3633175.90  0.44987


*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: FORKN ***
INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 0.44957 | 505621.98 | 3633175.90 | 0.44354 |
| 505721.98 | 3633175.90 | 0.41906 | 501721.98 | 3633275.90 | 0.42062 |
| 501821.98 | 3633275.90 | 0.44597 | 501921.98 | 3633275.90 | 0.47326 |
| 502021.98 | 3633275.90 | 0.50289 | 502121.98 | 3633275.90 | 0.53464 |
| 505321.98 | 3633275.90 | 0.50309 | 505421.98 | 3633275.90 | 0.48785 |
| 505521.98 | 3633275.90 | 0.48641 | 505621.98 | 3633275.90 | 0.48123 |
| 505721.98 | 3633275.90 | 0.45312 | 501721.98 | 3633375.90 | 0.43555 |
| 501821.98 | 3633375.90 | 0.46301 | 501921.98 | 3633375.90 | 0.49283 |
| 502021.98 | 3633375.90 | 0.52538 | 502121.98 | 3633375.90 | 0.56089 |
| 505321.98 | 3633375.90 | 0.56358 | 505421.98 | 3633375.90 | 0.53125 |
| 505521.98 | 3633375.90 | 0.51526 | 505621.98 | 3633375.90 | 0.51105 |
| 505721.98 | 3633375.90 | 0.49043 | 501721.98 | 3633475.90 | 0.45046 |
| 501821.98 | 3633475.90 | 0.48016 | 501921.98 | 3633475.90 | 0.51282 |
| 502021.98 | 3633475.90 | 0.54853 | 502121.98 | 3633475.90 | 0.58740 |
| 505321.98 | 3633475.90 | 0.61808 | 505421.98 | 3633475.90 | 0.57283 |
| 505521.98 | 3633475.90 | 0.55400 | 505621.98 | 3633475.90 | 0.53966 |
| 505721.98 | 3633475.90 | 0.52266 | 501721.98 | 3633575.90 | 0.46512 |
| 501821.98 | 3633575.90 | 0.49714 | 501921.98 | | |

```
3633575.90        0.53235
         502021.98    3633575.90        0.57121                        502121.98
3633575.90        0.61463
         505321.98    3633575.90        0.66403                        505421.98
3633575.90        0.61132
         505521.98    3633575.90        0.58854                        505621.98
3633575.90        0.56439
         505721.98    3633575.90        0.52948                        501721.98
3633675.90        0.47951
         501821.98    3633675.90        0.51353                        501921.98
3633675.90        0.55164
         502021.98    3633675.90        0.59408                        502121.98
3633675.90        0.64130
         505321.98    3633675.90        0.70307                        505421.98
3633675.90        0.63044
         505521.98    3633675.90        0.58566                        505621.98
3633675.90        0.55054
         505721.98    3633675.90        0.52956                        501721.98
3633775.90        0.49336
         501821.98    3633775.90        0.52966                        501921.98
3633775.90        0.57031
         502021.98    3633775.90        0.61592                        502121.98
3633775.90        0.66710
         505321.98    3633775.90        0.71434                        505421.98
3633775.90        0.63412
         505521.98    3633775.90        0.58033                        505621.98
3633775.90        0.55950
         505721.98    3633775.90        0.55257                        501721.98
3633875.90        0.50623
         501821.98    3633875.90        0.54508                        501921.98
3633875.90        0.58746
         502021.98    3633875.90        0.63703                        502121.98
3633875.90        0.69216
         505321.98    3633875.90        0.71484                        505421.98
3633875.90        0.66673
         505521.98    3633875.90        0.62352                        505621.98
3633875.90        0.58704
         505721.98    3633875.90        0.57421                        501721.98
3633975.90        0.51817
         501821.98    3633975.90        0.55882                        501921.98
3633975.90        0.60467
         502021.98    3633975.90        0.65646                        502121.98
3633975.90        0.71602
         505321.98    3633975.90        0.75809                        505421.98
3633975.90        0.70399
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***
INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 0.64649 | 505621.98 | 3633975.90 | 0.59348 |
| 505721.98 | 3633975.90 | 0.55741 | 501721.98 | 3634075.90 | 0.52890 |
| 501821.98 | 3634075.90 | 0.57149 | 501921.98 | 3634075.90 | 0.61965 |
| 502021.98 | 3634075.90 | 0.67440 | 502121.98 | 3634075.90 | 0.73706 |
| 505321.98 | 3634075.90 | 0.75006 | 505421.98 | 3634075.90 | 0.67604 |
| 505521.98 | 3634075.90 | 0.62798 | 505621.98 | 3634075.90 | 0.57539 |
| 505721.98 | 3634075.90 | 0.50857 | 501721.98 | 3634175.90 | 0.53738 |
| 501821.98 | 3634175.90 | 0.58230 | 501921.98 | 3634175.90 | 0.63271 |
| 502021.98 | 3634175.90 | 0.68845 | 502121.98 | 3634175.90 | 0.75515 |
| 505321.98 | 3634175.90 | 0.72120 | 505421.98 | 3634175.90 | 0.66247 |
| 505521.98 | 3634175.90 | 0.61427 | 505621.98 | 3634175.90 | 0.53043 |
| 505721.98 | 3634175.90 | 0.46708 | 501721.98 | 3634275.90 | 0.54457 |
| 501821.98 | 3634275.90 | 0.58991 | 501921.98 | 3634275.90 | 0.64154 |
| 502021.98 | 3634275.90 | 0.70040 | 502121.98 | 3634275.90 | 0.76887 |
| 505321.98 | 3634275.90 | 0.75725 | 505421.98 | 3634275.90 | 0.70417 |
| 505521.98 | 3634275.90 | 0.57687 | 505621.98 | | |

```
3634275.90        0.51716
         505721.98    3634275.90        0.46002                    501721.98
3634375.90        0.55127
         501821.98    3634375.90        0.59836                    501921.98
3634375.90        0.65053
         502021.98    3634375.90        0.71118                    502121.98
3634375.90        0.78310
         505321.98    3634375.90        0.78028                    505421.98
3634375.90        0.69944
         505521.98    3634375.90        0.54729                    505621.98
3634375.90        0.47683
         505721.98    3634375.90        0.43360                    501721.98
3634475.90        0.55599
         501821.98    3634475.90        0.60384                    501921.98
3634475.90        0.65822
         502021.98    3634475.90        0.72136                    502121.98
3634475.90        0.79348
         505321.98    3634475.90        0.74410                    505421.98
3634475.90        0.78226
         505521.98    3634475.90        0.61673                    505621.98
3634475.90        0.50405
         505721.98    3634475.90        0.42528                    501721.98
3634575.90        0.55850
         501821.98    3634575.90        0.60618                    501921.98
3634575.90        0.66088
         502021.98    3634575.90        0.72446                    502121.98
3634575.90        0.79840
         505321.98    3634575.90        0.73649                    505421.98
3634575.90        0.82802
         505521.98    3634575.90        0.72448                    505621.98
3634575.90        0.54822
         505721.98    3634575.90        0.45478                    501721.98
3634675.90        0.55932
         501821.98    3634675.90        0.60738                    501921.98
3634675.90        0.66197
         502021.98    3634675.90        0.72529                    502121.98
3634675.90        0.79691
         505321.98    3634675.90        0.76162                    505421.98
3634675.90        0.84530
         505521.98    3634675.90        0.83474                    505621.98
3634675.90        0.68048
         505721.98    3634675.90        0.52710                    501721.98
3634775.90        0.55758
         501821.98    3634775.90        0.60524                    501921.98
3634775.90        0.65886
         502021.98    3634775.90        0.72144                    502121.98
3634775.90        0.79338
         505321.98    3634775.90        0.78996                    505421.98
3634775.90        0.94233
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635075.90 0.74405
505321.98 3635075.90 0.89439 505421.98
3635075.90 0.85208
505521.98 3635075.90 0.78709 505621.98
3635075.90 0.73198
505721.98 3635075.90 0.67899 501721.98
3635175.90 0.63388
501821.98 3635175.90 0.66954 501921.98
3635175.90 0.74578
502021.98 3635175.90 0.78831 502121.98
3635175.90 0.81622
505321.98 3635175.90 0.86943 505421.98
3635175.90 0.80092
505521.98 3635175.90 0.74093 505621.98
3635175.90 0.68883
505721.98 3635175.90 0.64329 501721.98
3635275.90 0.62890
501821.98 3635275.90 0.66450 501921.98
3635275.90 0.70510
502021.98 3635275.90 0.74741 502121.98
3635275.90 0.77721
505621.98 3635275.90 0.65154 505721.98
3635275.90 0.60890
501721.98 3635375.90 0.58288 501821.98
3635375.90 0.61530
501921.98 3635375.90 0.64725 502021.98
3635375.90 0.68079
502121.98 3635375.90 0.72213 505621.98
3635375.90 0.61977
501721.98 3635475.90 0.52657 501821.98
3635475.90 0.55332
501921.98 3635475.90 0.59035 502021.98
3635475.90 0.62922
502121.98 3635475.90 0.66544 505621.98
3635475.90 0.59883
505721.98 3635475.90 0.56013 501721.98
3635575.90 0.47784
501821.98 3635575.90 0.50433 501921.98
3635575.90 0.54164
502021.98 3635575.90 0.57481 502121.98
3635575.90 0.60553
505321.98 3635575.90 0.70240 505421.98
3635575.90 0.65926
505521.98 3635575.90 0.61481 505621.98
3635575.90 0.57475
505721.98 3635575.90 0.53843 501721.98
3635675.90 0.43255
501821.98 3635675.90 0.46385 501921.98
3635675.90 0.49645
502021.98 3635675.90 0.52584 502121.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635975.90 0.33284
501821.98 3635975.90 0.36838 501921.98
3635975.90 0.39823
502021.98 3635975.90 0.41812 502121.98
3635975.90 0.44460
505321.98 3635975.90 0.59215 505421.98
3635975.90 0.55043
505521.98 3635975.90 0.51516 505621.98
3635975.90 0.48503
505721.98 3635975.90 0.45599 501721.98
3636075.90 0.31992
501821.98 3636075.90 0.34362 501921.98
3636075.90 0.36962
502021.98 3636075.90 0.38934 502121.98
3636075.90 0.41556
502221.98 3636075.90 0.44974 502321.98
3636075.90 0.49336
502421.98 3636075.90 0.53168 502521.98
3636075.90 0.56418
502621.98 3636075.90 0.59978 502721.98
3636075.90 0.64116
502821.98 3636075.90 0.67945 502921.98
3636075.90 0.70516
503021.98 3636075.90 0.72929 503121.98
3636075.90 0.73145
503221.98 3636075.90 0.78252 503321.98
3636075.90 0.84449
503421.98 3636075.90 0.89729 503521.98
3636075.90 0.94791
503621.98 3636075.90 0.97984 503721.98
3636075.90 0.99509
503821.98 3636075.90 1.00353 503921.98
3636075.90 1.01648
504021.98 3636075.90 1.03565 504121.98
3636075.90 1.04307
504221.98 3636075.90 1.04399 504321.98
3636075.90 1.03779
504421.98 3636075.90 0.99275 504521.98
3636075.90 0.93254
504621.98 3636075.90 0.89624 504721.98
3636075.90 0.86204
504821.98 3636075.90 0.79228 504921.98
3636075.90 0.72732
505021.98 3636075.90 0.68735 505121.98
3636075.90 0.64542
505221.98 3636075.90 0.60510 505321.98
3636075.90 0.56860
505421.98 3636075.90 0.52758 505521.98
3636075.90 0.49786
505621.98 3636075.90 0.46800 505721.98

3636075.90        0.44084
         501721.98    3636175.90        0.29714                        501821.98
3636175.90        0.31962
         501921.98    3636175.90        0.34618                        502021.98
3636175.90        0.36675
         502121.98    3636175.90        0.39250                        502221.98
3636175.90        0.42686

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3636175.90        0.46746                        502421.98
3636175.90        0.50297
         502521.98    3636175.90        0.53300                        502621.98
3636175.90        0.56704
         502721.98    3636175.90        0.59755                        502821.98
3636175.90        0.62642
         502921.98    3636175.90        0.65007                        503021.98
3636175.90        0.66394
         503121.98    3636175.90        0.63658                        503221.98
3636175.90        0.70227
         503321.98    3636175.90        0.76753                        503421.98
3636175.90        0.81488
         503521.98    3636175.90        0.85066                        503621.98
3636175.90        0.88115
         503721.98    3636175.90        0.89231                        503821.98
3636175.90        0.89354
         503921.98    3636175.90        0.89936                        504021.98
3636175.90        0.90364
         504121.98    3636175.90        0.89528                        504221.98

3636175.90 0.90237
504321.98 3636175.90 0.84947 504421.98
3636175.90 0.76981
504521.98 3636175.90 0.66049 504621.98
3636175.90 0.69742
504721.98 3636175.90 0.79192 504821.98
3636175.90 0.75601
504921.98 3636175.90 0.71984 505021.98
3636175.90 0.66640
505121.98 3636175.90 0.61319 505221.98
3636175.90 0.58016
505321.98 3636175.90 0.54967 505421.98
3636175.90 0.51663
505521.98 3636175.90 0.48183 505621.98
3636175.90 0.45332
505721.98 3636175.90 0.42729 501721.98
3636275.90 0.28297
501821.98 3636275.90 0.30246 501921.98
3636275.90 0.32666
502021.98 3636275.90 0.35213 502121.98
3636275.90 0.38249
502221.98 3636275.90 0.41462 502321.98
3636275.90 0.44594
502421.98 3636275.90 0.47617 502521.98
3636275.90 0.50626
502621.98 3636275.90 0.53090 502721.98
3636275.90 0.55568
502821.98 3636275.90 0.57705 502921.98
3636275.90 0.59479
503021.98 3636275.90 0.61646 503121.98
3636275.90 0.61619
503221.98 3636275.90 0.62288 503321.98
3636275.90 0.66854
503421.98 3636275.90 0.72252 503521.98
3636275.90 0.75896
503621.98 3636275.90 0.78472 503721.98
3636275.90 0.79614
503821.98 3636275.90 0.79612 503921.98
3636275.90 0.79750
504021.98 3636275.90 0.78602 504121.98
3636275.90 0.75481
504221.98 3636275.90 0.68725 504321.98
3636275.90 0.57155
504421.98 3636275.90 0.54837 504521.98
3636275.90 0.52085
504621.98 3636275.90 0.54984 504721.98
3636275.90 0.60971
504821.98 3636275.90 0.55043 504921.98
3636275.90 0.64313
505021.98 3636275.90 0.63271 505121.98

3636275.90        0.58274
         505221.98    3636275.90        0.55392                        505321.98
3636275.90        0.52977
         505421.98    3636275.90        0.50145                        505521.98
3636275.90        0.46850
         505621.98    3636275.90        0.44100                        505721.98
3636275.90        0.41624
         501721.98    3636375.90        0.26892                        501821.98
3636375.90        0.28905
         501921.98    3636375.90        0.31554                        502021.98
3636375.90        0.33877

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502121.98    3636375.90        0.36683                        502221.98
3636375.90        0.39303
         502321.98    3636375.90        0.41859                        502421.98
3636375.90        0.45027
         502521.98    3636375.90        0.47783                        502621.98
3636375.90        0.50296
         502721.98    3636375.90        0.51652                        502821.98
3636375.90        0.52745
         502921.98    3636375.90        0.53848                        503021.98
3636375.90        0.54935
         503121.98    3636375.90        0.54762                        503221.98
3636375.90        0.54614
         503321.98    3636375.90        0.58041                        503421.98
3636375.90        0.64475
         503521.98    3636375.90        0.67321                        503621.98

3636375.90 0.69301
503721.98 3636375.90 0.70851 503821.98
3636375.90 0.71194
503921.98 3636375.90 0.69083 504021.98
3636375.90 0.67542
504121.98 3636375.90 0.62902 504221.98
3636375.90 0.55487
504321.98 3636375.90 0.50325 504421.98
3636375.90 0.48318
504521.98 3636375.90 0.47195 504621.98
3636375.90 0.48237
504721.98 3636375.90 0.50345 504821.98
3636375.90 0.46046
504921.98 3636375.90 0.45388 505021.98
3636375.90 0.56953
505121.98 3636375.90 0.56583 505221.98
3636375.90 0.53645
505321.98 3636375.90 0.51024 505421.98
3636375.90 0.48271
505521.98 3636375.90 0.45647 505621.98
3636375.90 0.43031
505721.98 3636375.90 0.40614 501721.98
3636475.90 0.25068
501821.98 3636475.90 0.27151 501921.98
3636475.90 0.30264
502021.98 3636475.90 0.32185 502121.98
3636475.90 0.34383
502221.98 3636475.90 0.37017 502321.98
3636475.90 0.39974
502421.98 3636475.90 0.42935 502521.98
3636475.90 0.45138
502621.98 3636475.90 0.47012 502721.98
3636475.90 0.48077
502821.98 3636475.90 0.47979 502921.98
3636475.90 0.48838
503021.98 3636475.90 0.48966 503121.98
3636475.90 0.48240
503221.98 3636475.90 0.48216 503321.98
3636475.90 0.52023
503421.98 3636475.90 0.56283 503521.98
3636475.90 0.59399
503621.98 3636475.90 0.61285 503721.98
3636475.90 0.63057
503821.98 3636475.90 0.61661 503921.98
3636475.90 0.59843
504021.98 3636475.90 0.50044 504121.98
3636475.90 0.51012
504221.98 3636475.90 0.50677 504321.98
3636475.90 0.45435
504421.98 3636475.90 0.44027 504521.98

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 1.03025 | 502771.98 | 3633475.90 | 1.07762 |
| 502821.98 | 3633475.90 | 1.12739 | 502871.98 | 3633475.90 | 1.17974 |
| 502921.98 | 3633475.90 | 1.23411 | 502971.98 | 3633475.90 | 1.29154 |
| 503021.98 | 3633475.90 | 1.35154 | 503071.98 | 3633475.90 | 1.41330 |
| 503121.98 | 3633475.90 | 1.47761 | 503171.98 | 3633475.90 | 1.54347 |
| 503221.98 | 3633475.90 | 1.60790 | 503271.98 | 3633475.90 | 1.67326 |
| 503321.98 | 3633475.90 | 1.43283 | 503371.98 | | |

3633475.90 1.05231
503421.98 3633475.90 1.07002 503471.98 3633475.90 1.10304
503521.98 3633475.90 1.16741 503621.98 3633475.90 1.18776
503671.98 3633475.90 1.05018 503721.98 3633475.90 0.96154
503771.98 3633475.90 0.97674 503821.98 3633475.90 0.93538
503871.98 3633475.90 0.94269 503921.98 3633475.90 1.02030
503971.98 3633475.90 1.02972 504021.98 3633475.90 0.98495
504071.98 3633475.90 0.99919 504121.98 3633475.90 1.03872
504171.98 3633475.90 0.99401 504221.98 3633475.90 1.01213
504271.98 3633475.90 1.04790 504321.98 3633475.90 1.05144
504371.98 3633475.90 0.96424 504421.98 3633475.90 0.91092
504471.98 3633475.90 0.88288 504521.98 3633475.90 0.87192
504571.98 3633475.90 0.88346 504621.98 3633475.90 0.90640
504671.98 3633475.90 0.92090 504721.98 3633475.90 0.94451
502721.98 3633525.90 1.07019 502771.98 3633525.90 1.12168
502821.98 3633525.90 1.17628 502871.98 3633525.90 1.23439
502921.98 3633525.90 1.29516 502971.98 3633525.90 1.35908
503021.98 3633525.90 1.42608 503071.98 3633525.90 1.49611
503121.98 3633525.90 1.56856 503171.98 3633525.90 1.64353
503221.98 3633525.90 1.71999 503271.98 3633525.90 1.79419
503321.98 3633525.90 1.86989 503371.98 3633525.90 1.43568
503421.98 3633525.90 1.39118 503471.98 3633525.90 1.39702
503521.98 3633525.90 1.36901 503621.98 3633525.90 1.48707
503671.98 3633525.90 1.37944 503721.98 3633525.90 1.36934
503771.98 3633525.90 1.22859 503821.98 3633525.90 1.10942
503871.98 3633525.90 1.15720 503921.98

3633525.90        1.25208
         503971.98    3633525.90        1.21120                        504021.98
3633525.90        1.13910
         504071.98    3633525.90        1.16146                        504121.98
3633525.90        1.22079
         504171.98    3633525.90        1.21822                        504221.98
3633525.90        1.22662
         504271.98    3633525.90        1.19225                        504321.98
3633525.90        1.04893
         504371.98    3633525.90        1.00556                        504421.98
3633525.90        0.97450
         504471.98    3633525.90        0.95805                        504521.98
3633525.90        0.97182
         504571.98    3633525.90        1.00282                        504621.98
3633525.90        1.03066
         504671.98    3633525.90        1.03348                        504721.98
3633525.90        1.02280

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3633575.90 1.75210
503221.98 3633575.90 1.84095 503271.98
3633575.90 1.93017
503321.98 3633575.90 2.01746 503371.98
3633575.90 1.82011
503421.98 3633575.90 1.80260 503471.98
3633575.90 1.75944
503521.98 3633575.90 1.86190 503621.98
3633575.90 1.64128
503671.98 3633575.90 1.66275 503721.98
3633575.90 1.69350
503771.98 3633575.90 1.53538 503821.98
3633575.90 1.43107
503871.98 3633575.90 1.52316 503921.98
3633575.90 1.53790
503971.98 3633575.90 1.44916 504021.98
3633575.90 1.42884
504071.98 3633575.90 1.39121 504121.98
3633575.90 1.43511
504171.98 3633575.90 1.44173 504221.98
3633575.90 1.46556
504271.98 3633575.90 1.28414 504321.98
3633575.90 1.13849
504371.98 3633575.90 1.09911 504421.98
3633575.90 1.06031
504471.98 3633575.90 1.05829 504521.98
3633575.90 1.09984
504571.98 3633575.90 1.15225 504621.98
3633575.90 1.13983
504671.98 3633575.90 1.12143 504721.98
3633575.90 1.10215
502721.98 3633625.90 1.15348 502771.98
3633625.90 1.21447
502821.98 3633625.90 1.27962 502871.98
3633625.90 1.34952
502921.98 3633625.90 1.42405 502971.98
3633625.90 1.50398
503021.98 3633625.90 1.58895 503071.98
3633625.90 1.67761
503121.98 3633625.90 1.77111 503171.98
3633625.90 1.87011
503221.98 3633625.90 1.97309 503271.98
3633625.90 2.07808
503321.98 3633625.90 2.18271 503371.98
3633625.90 2.28662
503421.98 3633625.90 2.07083 503471.98
3633625.90 2.04894
503521.98 3633625.90 2.10248 503621.98
3633625.90 1.94009
503671.98 3633625.90 1.84939 503721.98

```
3633625.90        1.93683
         503771.98    3633625.90        1.73206                        503821.98
3633625.90        1.71632
         503871.98    3633625.90        1.78153                        503921.98
3633625.90        1.74356
         503971.98    3633625.90        1.72889                        504021.98
3633625.90        1.66096
         504071.98    3633625.90        1.61209                        504121.98
3633625.90        1.68642
         504171.98    3633625.90        1.69616                        504221.98
3633625.90        1.65504
         504271.98    3633625.90        1.48585                        504321.98
3633625.90        1.35297
         504371.98    3633625.90        1.24942                        504421.98
3633625.90        1.19907
         504471.98    3633625.90        1.19329                        504521.98
3633625.90        1.27151
         504571.98    3633625.90        1.28549                        504621.98
3633625.90        1.25772
         504671.98    3633625.90        1.25331                        504721.98
3633625.90        1.20745
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633675.90        1.19663                        502771.98
3633675.90        1.26281
         502821.98    3633675.90        1.33383                        502871.98
3633675.90        1.41041
         502921.98    3633675.90        1.49360                        502971.98
```

3633675.90 1.58222
503021.98 3633675.90 1.67704 503071.98
3633675.90 1.77721
503121.98 3633675.90 1.88427 503171.98
3633675.90 1.99785
503221.98 3633675.90 2.11760 503271.98
3633675.90 2.24193
503321.98 3633675.90 2.36774 503371.98
3633675.90 2.49571
503421.98 3633675.90 2.62152 503471.98
3633675.90 2.74021
503521.98 3633675.90 2.57669 503571.98
3633675.90 2.15786
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3633675.90 2.16722
503771.98 3633675.90 2.14947 503821.98
3633675.90 2.08827
503871.98 3633675.90 2.04428 503921.98
3633675.90 2.04427
503971.98 3633675.90 1.99557 504021.98
3633675.90 1.93769
504071.98 3633675.90 1.93240 504121.98
3633675.90 1.96806
504171.98 3633675.90 1.98591 504221.98
3633675.90 1.95606
504271.98 3633675.90 1.79434 504321.98
3633675.90 1.58153
504371.98 3633675.90 1.43252 504421.98
3633675.90 1.38033
504471.98 3633675.90 1.42138 504521.98
3633675.90 1.46142
504571.98 3633675.90 1.43057 504621.98
3633675.90 1.40089
504671.98 3633675.90 1.36601 504721.98
3633675.90 1.33021
502721.98 3633725.90 1.24030 502771.98
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502821.98 3633725.90 1.38964 502871.98
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3633725.90 1.66467
503021.98 3633725.90 1.76895 503071.98
3633725.90 1.88345
503121.98 3633725.90 2.00552 503171.98
3633725.90 2.13611
503221.98 3633725.90 2.27546 503271.98
3633725.90 2.42163
503321.98 3633725.90 2.57402 503371.98
3633725.90 2.72958
503421.98 3633725.90 2.88575 503471.98

3633725.90        3.03269
         503521.98    3633725.90        3.17572                        503571.98
3633725.90        2.94787
         503721.98    3633725.90        2.65984                        503771.98
3633725.90        2.51825
         503821.98    3633725.90        2.50210                        503871.98
3633725.90        2.41864
         503921.98    3633725.90        2.39032                        503971.98
3633725.90        2.28513
         504021.98    3633725.90        2.24177                        504071.98
3633725.90        2.24269
         504121.98    3633725.90        2.33847                        504171.98
3633725.90        2.31183
         504221.98    3633725.90        2.24957                        504271.98
3633725.90        2.23573
         504321.98    3633725.90        1.89669                        504371.98
3633725.90        1.70209
         504421.98    3633725.90        1.64897                        504471.98
3633725.90        1.67236
         504521.98    3633725.90        1.65068                        504571.98
3633725.90        1.59655
         504621.98    3633725.90        1.60735                        504671.98
3633725.90        1.54067
         504721.98    3633725.90        1.45649                        502721.98
3633775.90        1.28387


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502771.98    3633775.90        1.36203                        502821.98

3633775.90 1.44669
502871.98 3633775.90 1.53883 502921.98 3633775.90 1.64041
502971.98 3633775.90 1.75026 503021.98 3633775.90 1.86821
503071.98 3633775.90 1.99631 503121.98 3633775.90 2.13516
503171.98 3633775.90 2.28546 503221.98 3633775.90 2.44696
503271.98 3633775.90 2.61985 503321.98 3633775.90 2.80185
503371.98 3633775.90 2.99093 503421.98 3633775.90 3.18411
503471.98 3633775.90 3.37614 503771.98 3633775.90 2.98486
503821.98 3633775.90 2.94247 503871.98 3633775.90 2.91724
503921.98 3633775.90 2.76139 503971.98 3633775.90 2.64287
504021.98 3633775.90 2.61964 504071.98 3633775.90 2.85666
504121.98 3633775.90 2.80684 504171.98 3633775.90 2.78937
504221.98 3633775.90 2.70561 504271.98 3633775.90 2.57484
504321.98 3633775.90 2.26401 504371.98 3633775.90 2.08898
504421.98 3633775.90 2.01967 504471.98 3633775.90 1.90953
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504621.98 3633775.90 1.87735 504671.98 3633775.90 1.74391
504721.98 3633775.90 1.62560 502721.98 3633825.90 1.32762
502771.98 3633825.90 1.41183 502821.98 3633825.90 1.50411
502871.98 3633825.90 1.60488 502921.98 3633825.90 1.71688
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503071.98 3633825.90 2.11504 503121.98 3633825.90 2.27344
503171.98 3633825.90 2.44689 503221.98 3633825.90 2.63541
503271.98 3633825.90 2.83944 503771.98 3633825.90 3.75241
503821.98 3633825.90 3.73123 503871.98 3633825.90 3.50991
503921.98 3633825.90 3.23600 503971.98

3633825.90        3.16105
         504021.98    3633825.90        3.45562                        504071.98
3633825.90        3.36766
         504121.98    3633825.90        3.34314                        504171.98
3633825.90        3.38029
         504221.98    3633825.90        3.26661                        504271.98
3633825.90        3.15117
         504321.98    3633825.90        2.99798                        504371.98
3633825.90        2.78590
         504421.98    3633825.90        2.54346                        504471.98
3633825.90        2.40252
         504521.98    3633825.90        2.34149                        504571.98
3633825.90        2.32028
         504621.98    3633825.90        2.11805                        504671.98
3633825.90        1.93966
         504721.98    3633825.90        1.83242                        502721.98
3633875.90        1.37037
         502771.98    3633875.90        1.46121                        502821.98
3633875.90        1.56092
         502871.98    3633875.90        1.67050                        502921.98
3633875.90        1.79418
         502971.98    3633875.90        1.92790                        503021.98
3633875.90        2.07574
         503071.98    3633875.90        2.23965                        503121.98
3633875.90        2.41929
         503171.98    3633875.90        2.61876                        503221.98
3633875.90        2.83865
         503271.98    3633875.90        3.07982                        503821.98
3633875.90        4.47674

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)

Y-COORD (M)  CONC

- - - -

3633925.90        2.20378
         504721.98    3633925.90        1.99972                          502721.98
3633975.90        1.45235
         502771.98    3633975.90        1.55516                          502821.98
3633975.90        1.66961
         502871.98    3633975.90        1.80015                          502921.98
3633975.90        1.94537
         502971.98    3633975.90        2.10593                          503021.98
3633975.90        2.28817
         503071.98    3633975.90        2.49361                          503121.98
3633975.90        2.72591
         503171.98    3633975.90        2.98832                          503221.98
3633975.90        3.28543
         503271.98    3633975.90        3.62203                          503821.98
3633975.90        7.10114
         503871.98    3633975.90        6.97158                          503921.98
3633975.90        7.74549
         503971.98    3633975.90        6.95668                          504021.98
3633975.90        6.50363
         504071.98    3633975.90        6.18709                          504121.98
3633975.90        6.05502
         504171.98    3633975.90        5.86173                          504221.98
3633975.90        5.53864
         504271.98    3633975.90        5.22455                          504321.98
3633975.90        4.94080
         504371.98    3633975.90        4.46689                          504421.98
3633975.90        4.11843
         504471.98    3633975.90        3.55984                          504521.98
3633975.90        3.02323
         504571.98    3633975.90        2.71039                          504621.98
3633975.90        2.42646
         504671.98    3633975.90        2.15399                          504721.98
3633975.90        1.89306


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 1.49248 | 502771.98 | 3634025.90 | 1.60247 |
| 502821.98 | 3634025.90 | 1.72401 | 502871.98 | 3634025.90 | 1.86142 |
| 502921.98 | 3634025.90 | 2.01611 | 502971.98 | 3634025.90 | 2.19221 |
| 503021.98 | 3634025.90 | 2.39356 | 503071.98 | 3634025.90 | 2.62004 |
| 503121.98 | 3634025.90 | 2.88062 | 503171.98 | 3634025.90 | 3.18000 |
| 503221.98 | 3634025.90 | 3.52376 | 503271.98 | 3634025.90 | 3.91943 |
| 503871.98 | 3634025.90 | 9.89401 | 503921.98 | 3634025.90 | 9.51987 |
| 503971.98 | 3634025.90 | 8.52187 | 504021.98 | 3634025.90 | 8.11812 |
| 504071.98 | 3634025.90 | 7.71023 | 504121.98 | 3634025.90 | 7.39943 |
| 504171.98 | 3634025.90 | 6.98373 | 504221.98 | 3634025.90 | 6.57087 |
| 504271.98 | 3634025.90 | 6.05641 | 504321.98 | 3634025.90 | 5.56595 |
| 504371.98 | 3634025.90 | 4.92496 | 504421.98 | 3634025.90 | 4.06229 |
| 504471.98 | 3634025.90 | 3.48123 | 504521.98 | 3634025.90 | 3.06958 |
| 504571.98 | 3634025.90 | 2.68591 | 504621.98 | 3634025.90 | 2.30528 |
| 504671.98 | 3634025.90 | 2.04262 | 504721.98 | 3634025.90 | 1.83599 |
| 502721.98 | 3634075.90 | 1.52905 | 502771.98 | 3634075.90 | 1.64238 |
| 502821.98 | 3634075.90 | 1.77173 | 502871.98 | 3634075.90 | 1.91941 |
| 502921.98 | 3634075.90 | 2.08551 | 502971.98 | 3634075.90 | 2.27458 |
| 503021.98 | 3634075.90 | 2.49350 | 503071.98 | 3634075.90 | 2.74386 |
| 503121.98 | 3634075.90 | 3.03338 | 503171.98 | 3634075.90 | 3.37089 |
| 503221.98 | 3634075.90 | 3.76444 | 503271.98 | 3634075.90 | 4.22717 |
| 503871.98 | 3634075.90 | 12.67316 | 503921.98 | | |

3634075.90       12.00763
         503971.98    3634075.90       11.15896                       504021.98
3634075.90       10.14376
         504071.98    3634075.90        9.57730                       504121.98
3634075.90        9.04707
         504171.98    3634075.90        8.43004                       504221.98
3634075.90        7.72674
         504271.98    3634075.90        6.98743                       504321.98
3634075.90        6.08640
         504371.98    3634075.90        4.99036                       504421.98
3634075.90        4.17444
         504471.98    3634075.90        3.49344                       504521.98
3634075.90        2.92692
         504571.98    3634075.90        2.50603                       504621.98
3634075.90        2.14768
         504671.98    3634075.90        1.94947                       504721.98
3634075.90        1.79782
         502721.98    3634125.90        1.56220                       502771.98
3634125.90        1.68003
         502821.98    3634125.90        1.81642                       502871.98
3634125.90        1.97298
         502921.98    3634125.90        2.14876                       502971.98
3634125.90        2.35133
         503021.98    3634125.90        2.58741                       503071.98
3634125.90        2.85971
         503121.98    3634125.90        3.17910                       503171.98
3634125.90        3.55620
         503221.98    3634125.90        3.99893                       503271.98
3634125.90        4.53554
         503921.98    3634125.90       15.66416                       503971.98
3634125.90       14.29047
         504021.98    3634125.90       12.95395                       504071.98
3634125.90       11.98820
         504121.98    3634125.90       10.84666                       504171.98
3634125.90        9.96510
         504221.98    3634125.90        8.85344                       504271.98
3634125.90        7.70824

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 6.49373 | 504371.98 | 3634125.90 | 5.32708 |
| 504421.98 | 3634125.90 | 4.26828 | 504471.98 | 3634125.90 | 3.30025 |
| 504521.98 | 3634125.90 | 2.81141 | 504571.98 | 3634125.90 | 2.38848 |
| 504621.98 | 3634125.90 | 2.07065 | 504671.98 | 3634125.90 | 1.87643 |
| 504721.98 | 3634125.90 | 1.67959 | 502721.98 | 3634175.90 | 1.58794 |
| 502771.98 | 3634175.90 | 1.71340 | 502821.98 | 3634175.90 | 1.85691 |
| 502871.98 | 3634175.90 | 2.02085 | 502921.98 | 3634175.90 | 2.20602 |
| 502971.98 | 3634175.90 | 2.42080 | 503021.98 | 3634175.90 | 2.67315 |
| 503071.98 | 3634175.90 | 2.96551 | 503121.98 | 3634175.90 | 3.31176 |
| 503171.98 | 3634175.90 | 3.72322 | 503221.98 | 3634175.90 | 4.21469 |
| 503271.98 | 3634175.90 | 4.82124 | 503971.98 | 3634175.90 | 18.90209 |
| 504021.98 | 3634175.90 | 16.65121 | 504071.98 | 3634175.90 | 14.44570 |
| 504121.98 | 3634175.90 | 12.35752 | 504171.98 | 3634175.90 | 10.57756 |
| 504221.98 | 3634175.90 | 9.65720 | 504271.98 | 3634175.90 | 8.26382 |
| 504321.98 | 3634175.90 | 6.98986 | 504371.98 | 3634175.90 | 4.98801 |
| 504421.98 | 3634175.90 | 3.55194 | 504471.98 | 3634175.90 | 3.05353 |
| 504521.98 | 3634175.90 | 2.62099 | 504571.98 | 3634175.90 | 2.14963 |
| 504621.98 | 3634175.90 | 1.83563 | 504671.98 | 3634175.90 | 1.62517 |
| 504721.98 | 3634175.90 | 1.42535 | 502721.98 | 3634225.90 | 1.61182 |
| 502771.98 | 3634225.90 | 1.74336 | 502821.98 | | |

3634225.90        1.89298
         502871.98    3634225.90        2.06290                    502921.98
3634225.90        2.25580
         502971.98    3634225.90        2.48120                    503021.98
3634225.90        2.74738
         503071.98    3634225.90        3.05846                    503121.98
3634225.90        3.42907
         503171.98    3634225.90        3.87376                    503221.98
3634225.90        4.41675
         503271.98    3634225.90        5.09319                    504071.98
3634225.90       17.39673
         504121.98    3634225.90       14.11576                    504171.98
3634225.90       11.53754
         504221.98    3634225.90        9.57148                    504271.98
3634225.90        8.42386
         504321.98    3634225.90        6.99817                    504371.98
3634225.90        4.60822
         504421.98    3634225.90        3.24964                    504471.98
3634225.90        2.78728
         504521.98    3634225.90        2.38231                    504571.98
3634225.90        1.98043
         504621.98    3634225.90        1.68491                    504671.98
3634225.90        1.47268
         504721.98    3634225.90        1.30986                    502721.98
3634275.90        1.63232
         502771.98    3634275.90        1.76588                    502821.98
3634275.90        1.92013
         502871.98    3634275.90        2.09894                    502921.98
3634275.90        2.29754
         502971.98    3634275.90        2.52967                    503021.98
3634275.90        2.80871
         503071.98    3634275.90        3.13514                    503121.98
3634275.90        3.52603
         503171.98    3634275.90        4.00208                    503221.98
3634275.90        4.58783
         503271.98    3634275.90        5.32892                    504121.98
3634275.90       15.18130
         504171.98    3634275.90       12.02723                    504221.98
3634275.90        9.94107
         504271.98    3634275.90        8.15608                    504321.98
3634275.90        6.55185

VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 4.68625 | 504421.98 | 3634275.90 | 3.34766 |
| 504471.98 | 3634275.90 | 2.67570 | 504521.98 | 3634275.90 | 2.21429 |
| 504571.98 | 3634275.90 | 1.86012 | 504621.98 | 3634275.90 | 1.61797 |
| 504671.98 | 3634275.90 | 1.42567 | 504721.98 | 3634275.90 | 1.28923 |
| 502721.98 | 3634325.90 | 1.63724 | 502771.98 | 3634325.90 | 1.77484 |
| 502821.98 | 3634325.90 | 1.93006 | 502871.98 | 3634325.90 | 2.12563 |
| 502971.98 | 3634325.90 | 2.56685 | 503021.98 | 3634325.90 | 2.85309 |
| 503071.98 | 3634325.90 | 3.19268 | 503121.98 | 3634325.90 | 3.59918 |
| 503171.98 | 3634325.90 | 4.09727 | 503221.98 | 3634325.90 | 4.71625 |
| 503271.98 | 3634325.90 | 5.50413 | 504171.98 | 3634325.90 | 11.92466 |
| 504221.98 | 3634325.90 | 9.34482 | 504271.98 | 3634325.90 | 7.82185 |
| 504321.98 | 3634325.90 | 6.42030 | 504371.98 | 3634325.90 | 4.99517 |
| 504421.98 | 3634325.90 | 3.49986 | 504471.98 | 3634325.90 | 2.72909 |
| 504521.98 | 3634325.90 | 2.18899 | 504571.98 | 3634325.90 | 1.81595 |
| 504621.98 | 3634325.90 | 1.56416 | 504671.98 | 3634325.90 | 1.38817 |
| 504721.98 | 3634325.90 | 1.26779 | 502721.98 | 3634375.90 | 1.64168 |
| 502771.98 | 3634375.90 | 1.78156 | 502821.98 | 3634375.90 | 1.93721 |
| 503021.98 | 3634375.90 | 2.87315 | 503071.98 | | |

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3634375.90        3.22526
         503121.98    3634375.90        3.64099                     503171.98
3634375.90        4.14841
         503221.98    3634375.90        4.78670                     503271.98
3634375.90        5.60001
         504221.98    3634375.90        9.35382                     504271.98
3634375.90        7.71168
         504321.98    3634375.90        6.51493                     504371.98
3634375.90        4.86945
         504421.98    3634375.90        3.19330                     504471.98
3634375.90        2.47804
         504521.98    3634375.90        2.07632                     504571.98
3634375.90        1.79466
         504621.98    3634375.90        1.58722                     504671.98
3634375.90        1.42536
         504721.98    3634375.90        1.29774                     502721.98
3634425.90        1.64982
         502771.98    3634425.90        1.78682                     502821.98
3634425.90        1.94286
         504271.98    3634425.90        7.53339                     504321.98
3634425.90        6.41624
         504371.98    3634425.90        5.18414                     504421.98
3634425.90        3.56645
         504471.98    3634425.90        2.66486                     504521.98
3634425.90        2.21518
         504571.98    3634425.90        1.96213                     504621.98
3634425.90        1.76240
         504671.98    3634425.90        1.56938                     504721.98
3634425.90        1.39968
         502721.98    3634475.90        1.65675                     502771.98
3634475.90        1.79735
         502821.98    3634475.90        1.95546                     504321.98
3634475.90        6.16439
         504371.98    3634475.90        5.35351                     504421.98
3634475.90        4.52904
         504471.98    3634475.90        3.34439                     504521.98
3634475.90        2.68539
         504571.98    3634475.90        2.34102                     504621.98
3634475.90        2.08380
         504671.98    3634475.90        1.76605                     504721.98
3634475.90        1.52181
         502721.98    3634525.90        1.65251                     502771.98
3634525.90        1.78787
         504371.98    3634525.90        5.10253                     504421.98
3634525.90        4.45481
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 4.00770 | 504521.98 | 3634525.90 | 3.50402 |
| 504571.98 | 3634525.90 | 3.04476 | 504621.98 | 3634525.90 | 2.57623 |
| 504671.98 | 3634525.90 | 2.03758 | 504721.98 | 3634525.90 | 1.69150 |
| 502721.98 | 3634575.90 | 1.63749 | 502771.98 | 3634575.90 | 1.77060 |
| 504421.98 | 3634575.90 | 4.29137 | 504471.98 | 3634575.90 | 3.79689 |
| 504521.98 | 3634575.90 | 3.38739 | 504571.98 | 3634575.90 | 3.12373 |
| 504621.98 | 3634575.90 | 2.78902 | 504671.98 | 3634575.90 | 2.36324 |
| 504721.98 | 3634575.90 | 1.97611 | 502721.98 | 3634625.90 | 1.61581 |
| 502771.98 | 3634625.90 | 1.74360 | 502821.98 | 3634625.90 | 1.89005 |
| 502871.98 | 3634625.90 | 2.05436 | 502921.98 | 3634625.90 | 2.24148 |
| 502971.98 | 3634625.90 | 2.45745 | 503021.98 | 3634625.90 | 2.70767 |
| 503071.98 | 3634625.90 | 2.99935 | 503121.98 | 3634625.90 | 3.34110 |
| 504471.98 | 3634625.90 | 3.64067 | 504521.98 | 3634625.90 | 3.26401 |
| 504571.98 | 3634625.90 | 2.94464 | 504621.98 | 3634625.90 | 2.71928 |
| 504671.98 | 3634625.90 | 2.49477 | 504721.98 | 3634625.90 | 2.25359 |
| 502721.98 | 3634675.90 | 1.58793 | 502771.98 | | |

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3634675.90        1.71061
         502821.98    3634675.90        1.84944                    502871.98
3634675.90        2.00514
         502921.98    3634675.90        2.18157                    502971.98
3634675.90        2.38416
         503021.98    3634675.90        2.61503                    503071.98
3634675.90        2.88219
         503121.98    3634675.90        3.19667                    503171.98
3634675.90        3.56204
         503221.98    3634675.90        3.99480                    503271.98
3634675.90        4.50246
         503321.98    3634675.90        5.11891                    503371.98
3634675.90        5.86478
         503421.98    3634675.90        6.76446                    503471.98
3634675.90        7.83385
         503521.98    3634675.90        9.05914                    504521.98
3634675.90        3.12638
         504571.98    3634675.90        2.83500                    504621.98
3634675.90        2.57867
         504671.98    3634675.90        2.35931                    504721.98
3634675.90        2.20236
         502721.98    3634725.90        1.55419                    502771.98
3634725.90        1.67042
         502821.98    3634725.90        1.80059                    502871.98
3634725.90        1.94759
         502921.98    3634725.90        2.11242                    502971.98
3634725.90        2.29944
         503021.98    3634725.90        2.51260                    503071.98
3634725.90        2.75605
         503121.98    3634725.90        3.03964                    503171.98
3634725.90        3.36655
         503221.98    3634725.90        3.74866                    503271.98
3634725.90        4.19181
         503321.98    3634725.90        4.71804                    503371.98
3634725.90        5.33531
         503421.98    3634725.90        6.04950                    503471.98
3634725.90        6.85131
         503521.98    3634725.90        7.75244                    503571.98
3634725.90        8.72520
         503621.98    3634725.90        9.63001                    504571.98
3634725.90        2.71170
         504621.98    3634725.90        2.47824                    504671.98
3634725.90        2.27603
         504721.98    3634725.90        2.09722                    502721.98
3634775.90        1.51593
         502771.98    3634775.90        1.62498                    502821.98
3634775.90        1.74740
         502871.98    3634775.90        1.88405                    502921.98
3634775.90        2.03695
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)        Y-COORD (M)        CONC
 - - -

3634825.90 2.29484
503071.98 3634825.90 2.49554 503121.98
3634825.90 2.72321
503171.98 3634825.90 2.97899 503221.98
3634825.90 3.26942
503271.98 3634825.90 3.59719 503321.98
3634825.90 3.96567
503371.98 3634825.90 4.37165 503421.98
3634825.90 4.80828
503471.98 3634825.90 5.27043 503521.98
3634825.90 5.74641
503571.98 3634825.90 6.21816 503621.98
3634825.90 6.65141
503671.98 3634825.90 7.02443 503721.98
3634825.90 7.30529
503771.98 3634825.90 7.46711 503821.98
3634825.90 7.49181
503871.98 3634825.90 7.38489 503921.98
3634825.90 7.16166
504671.98 3634825.90 2.09570 504721.98
3634825.90 1.94388
502721.98 3634875.90 1.42998 502771.98
3634875.90 1.52627
502821.98 3634875.90 1.63231 502871.98
3634875.90 1.74914
502921.98 3634875.90 1.87978 502971.98
3634875.90 2.02482
503021.98 3634875.90 2.18674 503071.98
3634875.90 2.36810
503121.98 3634875.90 2.57082 503171.98
3634875.90 2.79475
503221.98 3634875.90 3.04677 503271.98
3634875.90 3.32568
503321.98 3634875.90 3.62697 503371.98
3634875.90 3.95331
503421.98 3634875.90 4.29626 503471.98
3634875.90 4.64578
503521.98 3634875.90 4.99815 503571.98
3634875.90 5.33657
503621.98 3634875.90 5.64776 503671.98
3634875.90 5.90806
503721.98 3634875.90 6.09555 503771.98
3634875.90 6.20204
503821.98 3634875.90 6.21595 503871.98
3634875.90 6.14410
503921.98 3634875.90 6.23348 504721.98
3634875.90 1.86548
502721.98 3634925.90 1.38500 502771.98
3634925.90 1.47451
502821.98 3634925.90 1.57327 502871.98

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3634975.90 1.84593
503021.98 3634975.90 1.97890 503071.98
3634975.90 2.12429
503121.98 3634975.90 2.28218 503171.98
3634975.90 2.45131
503221.98 3634975.90 2.63490 503271.98
3634975.90 2.83231
503321.98 3634975.90 3.03834 503371.98
3634975.90 3.25008
503421.98 3634975.90 3.46014 503471.98
3634975.90 3.67160
503521.98 3634975.90 3.87365 503571.98
3634975.90 4.06494
503621.98 3634975.90 4.23603 503671.98
3634975.90 4.37479
503721.98 3634975.90 4.40986 503771.98
3634975.90 4.59082
503821.98 3634975.90 4.66951 503871.98
3634975.90 4.71143
502721.98 3635025.90 1.29510 502771.98
3635025.90 1.37323
502821.98 3635025.90 1.45811 502871.98
3635025.90 1.55064
502921.98 3635025.90 1.65147 502971.98
3635025.90 1.76115
503021.98 3635025.90 1.88015 503071.98
3635025.90 2.00857
503121.98 3635025.90 2.14678 503171.98
3635025.90 2.29484
503221.98 3635025.90 2.45146 503271.98
3635025.90 2.61531
503321.98 3635025.90 2.78411 503371.98
3635025.90 2.95474
503421.98 3635025.90 3.12328 503471.98
3635025.90 3.28987
503521.98 3635025.90 3.44867 503571.98
3635025.90 3.59558
503621.98 3635025.90 3.72439 503671.98
3635025.90 3.82519
503721.98 3635025.90 3.92210 503771.98
3635025.90 4.02920
503821.98 3635025.90 4.12445 504371.98
3635025.90 2.55937
502721.98 3635075.90 1.25136 502771.98
3635075.90 1.32373
502821.98 3635075.90 1.40217 502871.98
3635075.90 1.48737
502921.98 3635075.90 1.57916 502971.98
3635075.90 1.67797
503021.98 3635075.90 1.78440 503071.98

3635075.90        1.89781
         503121.98    3635075.90        2.01856                      503171.98
3635075.90        2.14622
         503221.98    3635075.90        2.27914                      503271.98
3635075.90        2.41619
         503321.98    3635075.90        2.55527                      503371.98
3635075.90        2.69443

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                              INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503421.98    3635075.90        2.83163                      503471.98
3635075.90        2.96459
         503521.98    3635075.90        3.09048                      503571.98
3635075.90        3.20574
         503621.98    3635075.90        3.30557                      503671.98
3635075.90        3.38107
         503721.98    3635075.90        3.43486                      503771.98
3635075.90        3.55251
         503821.98    3635075.90        3.61170                      504371.98
3635075.90        2.37053
         504421.98    3635075.90        2.23636                      504471.98
3635075.90        2.10683
         504521.98    3635075.90        1.98651                      502721.98
3635125.90        1.20822
         502771.98    3635125.90        1.27529                      502821.98
3635125.90        1.34748
         502871.98    3635125.90        1.42532                      502921.98
3635125.90        1.50892
         502971.98    3635125.90        1.59786                      503021.98

3635125.90 1.69242
503071.98 3635125.90 1.79222 503121.98
3635125.90 1.89736
503171.98 3635125.90 2.00704 503221.98
3635125.90 2.11947
503271.98 3635125.90 2.23470 503321.98
3635125.90 2.34973
503371.98 3635125.90 2.46398 503421.98
3635125.90 2.57659
503471.98 3635125.90 2.68391 503521.98
3635125.90 2.78486
503571.98 3635125.90 2.87278 503621.98
3635125.90 2.95275
503671.98 3635125.90 2.98256 503721.98
3635125.90 3.11957
503771.98 3635125.90 3.20196 503821.98
3635125.90 3.21938
504371.98 3635125.90 2.19923 504421.98
3635125.90 2.08370
504471.98 3635125.90 1.97435 504521.98
3635125.90 1.86841
504571.98 3635125.90 1.76775 502721.98
3635175.90 1.16602
502771.98 3635175.90 1.22779 502821.98
3635175.90 1.29400
502871.98 3635175.90 1.36463 502921.98
3635175.90 1.44062
502971.98 3635175.90 1.52033 503021.98
3635175.90 1.60405
503071.98 3635175.90 1.69196 503121.98
3635175.90 1.78360
503171.98 3635175.90 1.87801 503221.98
3635175.90 1.97355
503271.98 3635175.90 2.07049 503321.98
3635175.90 2.16618
503371.98 3635175.90 2.26100 503421.98
3635175.90 2.35454
503471.98 3635175.90 2.44024 503521.98
3635175.90 2.52299
503571.98 3635175.90 2.59282 503621.98
3635175.90 2.63887
503671.98 3635175.90 2.69781 503721.98
3635175.90 2.83621
503771.98 3635175.90 2.86777 503821.98
3635175.90 2.74458
504371.98 3635175.90 2.04263 504421.98
3635175.90 1.94525
504471.98 3635175.90 1.85111 504521.98
3635175.90 1.75890
504571.98 3635175.90 1.66916 504621.98

3635175.90        1.58684
         502721.98    3635225.90        1.12467                        502771.98
3635225.90        1.18187
         502821.98    3635225.90        1.24253                        502871.98
3635225.90        1.30667
         502921.98    3635225.90        1.37441                        502971.98
3635225.90        1.44575
         503021.98    3635225.90        1.52025                        503071.98
3635225.90        1.59763
         503121.98    3635225.90        1.67739                        503171.98
3635225.90        1.75870

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503221.98    3635225.90        1.84079                        503271.98
3635225.90        1.92282
         503321.98    3635225.90        2.00383                        503371.98
3635225.90        2.08311
         503421.98    3635225.90        2.15982                        503471.98
3635225.90        2.23245
         503521.98    3635225.90        2.29761                        503571.98
3635225.90        2.33567
         503621.98    3635225.90        2.40366                        503671.98
3635225.90        2.49720
         504371.98    3635225.90        1.90058                        504421.98
3635225.90        1.81872
         504471.98    3635225.90        1.73729                        504521.98
3635225.90        1.65715
         504571.98    3635225.90        1.57828                        504621.98

3635225.90 1.50339
502721.98 3635275.90 1.08398 502771.98
3635275.90 1.13615
502821.98 3635275.90 1.19140 502871.98
3635275.90 1.24983
502921.98 3635275.90 1.31061 502971.98
3635275.90 1.37440
503021.98 3635275.90 1.43998 503071.98
3635275.90 1.50766
503121.98 3635275.90 1.57679 503171.98
3635275.90 1.64673
503221.98 3635275.90 1.71838 503271.98
3635275.90 1.78789
503321.98 3635275.90 1.85658 503371.98
3635275.90 1.92300
503421.98 3635275.90 1.98766 503471.98
3635275.90 2.04854
503521.98 3635275.90 2.10503 503571.98
3635275.90 2.15121
503621.98 3635275.90 2.17826 504371.98
3635275.90 1.76899
504421.98 3635275.90 1.69907 504471.98
3635275.90 1.63008
504521.98 3635275.90 1.56126 504571.98
3635275.90 1.49318
504621.98 3635275.90 1.42630 504671.98
3635275.90 1.36301
502721.98 3635325.90 1.04428 502771.98
3635325.90 1.09215
502821.98 3635325.90 1.14256 502871.98
3635325.90 1.19528
502921.98 3635325.90 1.24995 502971.98
3635325.90 1.30683
503021.98 3635325.90 1.36484 503071.98
3635325.90 1.42427
503121.98 3635325.90 1.48438 503171.98
3635325.90 1.54482
503221.98 3635325.90 1.60661 503271.98
3635325.90 1.66601
503321.98 3635325.90 1.72433 503371.98
3635325.90 1.78065
503421.98 3635325.90 1.83507 503471.98
3635325.90 1.88637
503521.98 3635325.90 1.93410 503571.98
3635325.90 1.97419
503621.98 3635325.90 1.98984 504371.98
3635325.90 1.65114
504421.98 3635325.90 1.59160 504471.98
3635325.90 1.53180
504521.98 3635325.90 1.47237 504571.98

3635325.90        1.41316
         504621.98    3635325.90        1.35398                        504671.98
3635325.90        1.29615
         504721.98    3635325.90        1.24228                        502721.98
3635375.90        1.00543
         502771.98    3635375.90        1.02329                        502821.98
3635375.90        1.06747
         502871.98    3635375.90        1.11565                        502921.98
3635375.90        1.16992
         502971.98    3635375.90        1.24251                        503021.98
3635375.90        1.27873
         503071.98    3635375.90        1.32560                        503121.98
3635375.90        1.39836
         503171.98    3635375.90        1.45115                        503221.98
3635375.90        1.50459

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635375.90        1.55570                        503321.98
3635375.90        1.60554
         503371.98    3635375.90        1.65381                        503421.98
3635375.90        1.70025
         503471.98    3635375.90        1.74391                        503521.98
3635375.90        1.78385
         503571.98    3635375.90        1.81770                        503621.98
3635375.90        1.84571
         503671.98    3635375.90        1.86971                        503721.98
3635375.90        1.95910
         504371.98    3635375.90        1.54459                        504421.98

```
3635375.90        1.49320
         504471.98    3635375.90        1.44153                    504521.98
3635375.90        1.38944
         504571.98    3635375.90        1.33767                    504621.98
3635375.90        1.28540
         504671.98    3635375.90        1.23431                    504721.98
3635375.90        1.18477
         502721.98    3635425.90        0.95255                    502771.98
3635425.90        0.98115
         502821.98    3635425.90        1.02151                    502871.98
3635425.90        1.06487
         502921.98    3635425.90        1.11089                    502971.98
3635425.90        1.15922
         503021.98    3635425.90        1.20609                    503071.98
3635425.90        1.25265
         503121.98    3635425.90        1.31939                    503171.98
3635425.90        1.36516
         503221.98    3635425.90        1.41059                    503271.98
3635425.90        1.45394
         503321.98    3635425.90        1.49728                    503371.98
3635425.90        1.53923
         503421.98    3635425.90        1.57916                    503471.98
3635425.90        1.61596
         503521.98    3635425.90        1.64931                    503571.98
3635425.90        1.67845
         503621.98    3635425.90        1.70268                    503671.98
3635425.90        1.72420
         503721.98    3635425.90        1.76437                    503771.98
3635425.90        1.80168
         503821.98    3635425.90        1.83818                    504371.98
3635425.90        1.44736
         504421.98    3635425.90        1.40242                    504471.98
3635425.90        1.35721
         504521.98    3635425.90        1.31211                    504571.98
3635425.90        1.26662
         504621.98    3635425.90        1.22069                    504671.98
3635425.90        1.17553
         504721.98    3635425.90        1.13113                    502721.98
3635475.90        0.90962
         502771.98    3635475.90        0.94285                    502821.98
3635475.90        0.98095
         502871.98    3635475.90        1.02066                    502921.98
3635475.90        1.06376
         502971.98    3635475.90        1.10358                    503021.98
3635475.90        1.14498
         503071.98    3635475.90        1.18892                    503121.98
3635475.90        1.24619
         503171.98    3635475.90        1.28613                    503221.98
3635475.90        1.32515
         503271.98    3635475.90        1.36325                    503321.98
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3635475.90        1.40069
         503371.98    3635475.90        1.43706                      503421.98
3635475.90        1.47146
         503471.98    3635475.90        1.50310                      503521.98
3635475.90        1.53166
         503571.98    3635475.90        1.54609                      503621.98
3635475.90        1.56686
         503671.98    3635475.90        1.58378                      503721.98
3635475.90        1.60244
         503771.98    3635475.90        1.64788                      503821.98
3635475.90        1.66057
         503871.98    3635475.90        1.66999                      503921.98
3635475.90        1.69176
         504371.98    3635475.90        1.36001                      504421.98
3635475.90        1.32059
         504471.98    3635475.90        1.28043                      504521.98
3635475.90        1.24078
         504571.98    3635475.90        1.20020                      504621.98
3635475.90        1.15982

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504671.98    3635475.90        1.11975                      504721.98
3635475.90        1.11305
         502221.98    3632975.90        0.52525                      502271.98
3632975.90        0.54064
         502321.98    3632975.90        0.55661                      502371.98
3632975.90        0.57315
         502421.98    3632975.90        0.59022                      502471.98

3632975.90 0.60782
502521.98 3632975.90 0.62577 502571.98
3632975.90 0.64437
502621.98 3632975.90 0.66349 502671.98
3632975.90 0.68286
502721.98 3632975.90 0.70249 502771.98
3632975.90 0.72228
502821.98 3632975.90 0.63521 502871.98
3632975.90 0.55144
502921.98 3632975.90 0.56296 502971.98
3632975.90 0.40282
503021.98 3632975.90 0.40834 503071.98
3632975.90 0.48114
503121.98 3632975.90 0.56611 503171.98
3632975.90 0.64005
503221.98 3632975.90 0.67894 503271.98
3632975.90 0.69003
503321.98 3632975.90 0.69029 503371.98
3632975.90 0.69850
503421.98 3632975.90 0.67342 503471.98
3632975.90 0.66682
503621.98 3632975.90 0.61363 503671.98
3632975.90 0.59071
503721.98 3632975.90 0.56839 503771.98
3632975.90 0.53720
503821.98 3632975.90 0.46665 503871.98
3632975.90 0.41540
503921.98 3632975.90 0.40314 503971.98
3632975.90 0.40433
504021.98 3632975.90 0.40208 504071.98
3632975.90 0.40686
504121.98 3632975.90 0.40338 504171.98
3632975.90 0.40593
504221.98 3632975.90 0.40589 504271.98
3632975.90 0.40591
504321.98 3632975.90 0.40469 504371.98
3632975.90 0.39956
504421.98 3632975.90 0.39680 504471.98
3632975.90 0.39631
504521.98 3632975.90 0.39804 504571.98
3632975.90 0.39959
504621.98 3632975.90 0.40049 504671.98
3632975.90 0.40194
504721.98 3632975.90 0.40493 504771.98
3632975.90 0.40877
504821.98 3632975.90 0.41096 504871.98
3632975.90 0.41195
504921.98 3632975.90 0.41183 504971.98
3632975.90 0.41049
505021.98 3632975.90 0.40859 505071.98

3632975.90        0.40846
         505121.98    3632975.90        0.41143                        505171.98
3632975.90        0.41677
         505221.98    3632975.90        0.42150                        502221.98
3633025.90        0.53856
         502271.98    3633025.90        0.55554                        502321.98
3633025.90        0.57234
         502371.98    3633025.90        0.58999                        502421.98
3633025.90        0.60825
         502471.98    3633025.90        0.62691                        502521.98
3633025.90        0.64631
         502571.98    3633025.90        0.66632                        502621.98
3633025.90        0.68687
         502671.98    3633025.90        0.70776                        502721.98
3633025.90        0.72909
         502771.98    3633025.90        0.75071                        502821.98
3633025.90        0.65224
         502871.98    3633025.90        0.61625                        502921.98
3633025.90        0.58496
         502971.98    3633025.90        0.42033                        503021.98
3633025.90        0.45334
         503071.98    3633025.90        0.55673                        503121.98
3633025.90        0.65633

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503171.98    3633025.90        0.69806                        503221.98
3633025.90        0.74427
         503271.98    3633025.90        0.74493                        503321.98

3633025.90 0.75438
503371.98 3633025.90 0.74110 503421.98
3633025.90 0.68831
503471.98 3633025.90 0.70272 503621.98
3633025.90 0.63594
503671.98 3633025.90 0.62102 503721.98
3633025.90 0.61020
503771.98 3633025.90 0.53272 503821.98
3633025.90 0.46419
503871.98 3633025.90 0.42713 503921.98
3633025.90 0.41927
503971.98 3633025.90 0.42051 504021.98
3633025.90 0.42230
504071.98 3633025.90 0.42378 504121.98
3633025.90 0.42572
504171.98 3633025.90 0.42768 504221.98
3633025.90 0.42891
504271.98 3633025.90 0.42843 504321.98
3633025.90 0.42665
504371.98 3633025.90 0.42176 504421.98
3633025.90 0.41944
504471.98 3633025.90 0.41977 504521.98
3633025.90 0.42054
504571.98 3633025.90 0.42185 504621.98
3633025.90 0.42342
504671.98 3633025.90 0.42616 504721.98
3633025.90 0.43037
504771.98 3633025.90 0.43465 504821.98
3633025.90 0.43656
504871.98 3633025.90 0.43746 504921.98
3633025.90 0.43675
504971.98 3633025.90 0.43479 505021.98
3633025.90 0.43334
505071.98 3633025.90 0.43502 505121.98
3633025.90 0.43919
505171.98 3633025.90 0.44390 505221.98
3633025.90 0.44839
502221.98 3633075.90 0.55291 502271.98
3633075.90 0.57077
502321.98 3633075.90 0.58876 502371.98
3633075.90 0.60744
502421.98 3633075.90 0.62684 502471.98
3633075.90 0.64669
502521.98 3633075.90 0.66748 502571.98
3633075.90 0.68908
502621.98 3633075.90 0.71124 502671.98
3633075.90 0.73391
502721.98 3633075.90 0.75699 502771.98
3633075.90 0.78065
502821.98 3633075.90 0.71792 502871.98

3633075.90        0.68924
         502921.98    3633075.90        0.65797                        502971.98
3633075.90        0.59029
         503021.98    3633075.90        0.63102                        503071.98
3633075.90        0.66086
         503121.98    3633075.90        0.72059                        503171.98
3633075.90        0.76253
         503221.98    3633075.90        0.82327                        503271.98
3633075.90        0.80436
         503321.98    3633075.90        0.79553                        503371.98
3633075.90        0.77722
         503421.98    3633075.90        0.72883                        503471.98
3633075.90        0.74436
         503621.98    3633075.90        0.66254                        503671.98
3633075.90        0.63714
         503721.98    3633075.90        0.62254                        503771.98
3633075.90        0.54219
         503821.98    3633075.90        0.47175                        503871.98
3633075.90        0.43927
         503921.98    3633075.90        0.44086                        503971.98
3633075.90        0.44765
         504021.98    3633075.90        0.44754                        504071.98
3633075.90        0.44978
         504121.98    3633075.90        0.45224                        504171.98
3633075.90        0.45397
         504221.98    3633075.90        0.45462                        504271.98
3633075.90        0.45388

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

- - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 504321.98 | 3633075.90 | 0.45263 | 504371.98 | 3633075.90 | 0.44710 | |
| | 504421.98 | 3633075.90 | 0.44615 | 504471.98 | 3633075.90 | 0.44576 | |
| | 504521.98 | 3633075.90 | 0.44655 | 504571.98 | 3633075.90 | 0.44809 | |
| | 504621.98 | 3633075.90 | 0.45037 | 504671.98 | 3633075.90 | 0.45450 | |
| | 504721.98 | 3633075.90 | 0.45926 | 504771.98 | 3633075.90 | 0.46303 | |
| | 504821.98 | 3633075.90 | 0.46439 | 504871.98 | 3633075.90 | 0.46483 | |
| | 504921.98 | 3633075.90 | 0.46543 | 504971.98 | 3633075.90 | 0.46321 | |
| | 505021.98 | 3633075.90 | 0.46315 | 505071.98 | 3633075.90 | 0.46548 | |
| | 505121.98 | 3633075.90 | 0.46817 | 505171.98 | 3633075.90 | 0.47055 | |
| | 505221.98 | 3633075.90 | 0.47251 | 502221.98 | 3633125.90 | 0.56783 | |
| | 502271.98 | 3633125.90 | 0.58634 | 502321.98 | 3633125.90 | 0.60545 | |
| | 502371.98 | 3633125.90 | 0.62530 | 502421.98 | 3633125.90 | 0.64600 | |
| | 502471.98 | 3633125.90 | 0.66732 | 502521.98 | 3633125.90 | 0.68956 | |
| | 502571.98 | 3633125.90 | 0.71263 | 502621.98 | 3633125.90 | 0.73649 | |
| | 502671.98 | 3633125.90 | 0.76112 | 502721.98 | 3633125.90 | 0.78629 | |
| | 502771.98 | 3633125.90 | 0.81187 | 502821.98 | 3633125.90 | 0.83811 | |
| | 502871.98 | 3633125.90 | 0.76026 | 502921.98 | 3633125.90 | 0.75308 | |
| | 502971.98 | 3633125.90 | 0.71451 | 503021.98 | 3633125.90 | 0.70629 | |
| | 503071.98 | 3633125.90 | 0.74865 | 503121.98 | 3633125.90 | 0.79208 | |
| | 503171.98 | 3633125.90 | 0.84473 | 503221.98 | 3633125.90 | 0.88221 | |
| | 503271.98 | 3633125.90 | 0.87630 | 503321.98 | 3633125.90 | 0.88117 | |
| | 503371.98 | 3633125.90 | 0.83345 | 503421.98 | 3633125.90 | 0.77057 | |
| | 503471.98 | 3633125.90 | 0.78766 | 503621.98 | 3633125.90 | 0.68665 | |
| | 503671.98 | 3633125.90 | 0.64695 | 503721.98 | 3633125.90 | 0.63160 | |
| | 503771.98 | 3633125.90 | 0.53627 | 503821.98 | | | |

```
3633125.90        0.48316
         503871.98    3633125.90        0.46321                        503921.98
3633125.90        0.46833
         503971.98    3633125.90        0.47626                        504021.98
3633125.90        0.47390
         504071.98    3633125.90        0.47904                        504121.98
3633125.90        0.48339
         504171.98    3633125.90        0.48509                        504221.98
3633125.90        0.48496
         504271.98    3633125.90        0.48408                        504321.98
3633125.90        0.48090
         504371.98    3633125.90        0.47770                        504421.98
3633125.90        0.47720
         504471.98    3633125.90        0.47610                        504521.98
3633125.90        0.47657
         504571.98    3633125.90        0.47831                        504621.98
3633125.90        0.48213
         504671.98    3633125.90        0.48745                        504721.98
3633125.90        0.49166
         504771.98    3633125.90        0.49380                        504821.98
3633125.90        0.49403
         504871.98    3633125.90        0.49514                        504921.98
3633125.90        0.50035
         504971.98    3633125.90        0.49900                        505021.98
3633125.90        0.49776
         505071.98    3633125.90        0.49705                        505121.98
3633125.90        0.49673
         505171.98    3633125.90        0.49649                        505221.98
3633125.90        0.49866
         502221.98    3633175.90        0.58265                        502271.98
3633175.90        0.60205
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 0.62234 | 502371.98 | 3633175.90 | 0.64385 |
| 502421.98 | 3633175.90 | 0.66602 | 502471.98 | 3633175.90 | 0.68877 |
| 502521.98 | 3633175.90 | 0.71261 | 502571.98 | 3633175.90 | 0.73741 |
| 502621.98 | 3633175.90 | 0.76306 | 502671.98 | 3633175.90 | 0.78941 |
| 502721.98 | 3633175.90 | 0.81632 | 502771.98 | 3633175.90 | 0.84409 |
| 502821.98 | 3633175.90 | 0.77785 | 502871.98 | 3633175.90 | 0.90255 |
| 502921.98 | 3633175.90 | 0.82527 | 502971.98 | 3633175.90 | 0.84359 |
| 503021.98 | 3633175.90 | 0.83659 | 503071.98 | 3633175.90 | 0.87200 |
| 503121.98 | 3633175.90 | 0.88047 | 503171.98 | 3633175.90 | 0.93714 |
| 503221.98 | 3633175.90 | 0.92631 | 503271.98 | 3633175.90 | 0.91772 |
| 503321.98 | 3633175.90 | 0.92934 | 503371.98 | 3633175.90 | 0.87582 |
| 503421.98 | 3633175.90 | 0.82693 | 503471.98 | 3633175.90 | 0.82526 |
| 503621.98 | 3633175.90 | 0.68392 | 503671.98 | 3633175.90 | 0.67450 |
| 503721.98 | 3633175.90 | 0.61908 | 503771.98 | 3633175.90 | 0.53670 |
| 503821.98 | 3633175.90 | 0.49849 | 503871.98 | 3633175.90 | 0.48909 |
| 503921.98 | 3633175.90 | 0.50020 | 503971.98 | 3633175.90 | 0.50868 |
| 504021.98 | 3633175.90 | 0.50654 | 504071.98 | 3633175.90 | 0.51289 |
| 504121.98 | 3633175.90 | 0.51900 | 504171.98 | 3633175.90 | 0.52367 |
| 504221.98 | 3633175.90 | 0.52160 | 504271.98 | 3633175.90 | 0.51829 |
| 504321.98 | 3633175.90 | 0.51458 | 504371.98 | 3633175.90 | 0.51665 |
| 504421.98 | 3633175.90 | 0.51286 | 504471.98 | 3633175.90 | 0.51034 |
| 504521.98 | 3633175.90 | 0.51049 | 504571.98 | 3633175.90 | 0.51330 |
| 504621.98 | 3633175.90 | 0.51902 | 504671.98 | | |

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3633175.90        0.52489
         504721.98    3633175.90        0.52769                          504771.98
3633175.90        0.52801
         504821.98    3633175.90        0.52719                          504871.98
3633175.90        0.53036
         504921.98    3633175.90        0.54145                          504971.98
3633175.90        0.53728
         505021.98    3633175.90        0.53267                          505071.98
3633175.90        0.52905
         505121.98    3633175.90        0.52578                          505171.98
3633175.90        0.52382
         505221.98    3633175.90        0.52444                          502221.98
3633225.90        0.59782
         502271.98    3633225.90        0.61855                          502321.98
3633225.90        0.64002
         502371.98    3633225.90        0.66292                          502421.98
3633225.90        0.68645
         502471.98    3633225.90        0.71062                          502521.98
3633225.90        0.73626
         502571.98    3633225.90        0.76286                          502621.98
3633225.90        0.79055
         502671.98    3633225.90        0.81907                          502721.98
3633225.90        0.84819
         502771.98    3633225.90        0.87879                          502821.98
3633225.90        0.90993
         502871.98    3633225.90        0.87126                          502921.98
3633225.90        0.92448
         502971.98    3633225.90        0.99903                          503021.98
3633225.90        0.93121
         503071.98    3633225.90        0.96303                          503121.98
3633225.90        1.00183
         503171.98    3633225.90        1.00945                          503221.98
3633225.90        0.99855
         503271.98    3633225.90        0.98969                          503321.98
3633225.90        0.96565
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS     ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 0.90044 | 503421.98 | 3633225.90 | 0.88056 |
| 503471.98 | 3633225.90 | 0.85351 | 503621.98 | 3633225.90 | 0.72746 |
| 503671.98 | 3633225.90 | 0.69395 | 503721.98 | 3633225.90 | 0.62403 |
| 503771.98 | 3633225.90 | 0.56384 | 503821.98 | 3633225.90 | 0.52293 |
| 503871.98 | 3633225.90 | 0.52445 | 503921.98 | 3633225.90 | 0.53430 |
| 503971.98 | 3633225.90 | 0.54532 | 504021.98 | 3633225.90 | 0.55004 |
| 504071.98 | 3633225.90 | 0.55737 | 504121.98 | 3633225.90 | 0.56507 |
| 504171.98 | 3633225.90 | 0.56816 | 504221.98 | 3633225.90 | 0.55766 |
| 504271.98 | 3633225.90 | 0.55404 | 504321.98 | 3633225.90 | 0.55720 |
| 504371.98 | 3633225.90 | 0.56090 | 504421.98 | 3633225.90 | 0.55364 |
| 504471.98 | 3633225.90 | 0.55020 | 504521.98 | 3633225.90 | 0.55029 |
| 504571.98 | 3633225.90 | 0.55464 | 504621.98 | 3633225.90 | 0.56131 |
| 504671.98 | 3633225.90 | 0.56754 | 504721.98 | 3633225.90 | 0.56921 |
| 504771.98 | 3633225.90 | 0.56710 | 504821.98 | 3633225.90 | 0.56985 |
| 504871.98 | 3633225.90 | 0.57470 | 504921.98 | 3633225.90 | 0.58691 |
| 504971.98 | 3633225.90 | 0.58021 | 505021.98 | 3633225.90 | 0.57072 |
| 505071.98 | 3633225.90 | 0.56427 | 505121.98 | 3633225.90 | 0.55804 |
| 505171.98 | 3633225.90 | 0.55167 | 505221.98 | 3633225.90 | 0.55013 |
| 502221.98 | 3633275.90 | 0.61306 | 502271.98 | 3633275.90 | 0.63499 |
| 502321.98 | 3633275.90 | 0.65815 | 502371.98 | 3633275.90 | 0.68226 |
| 502421.98 | 3633275.90 | 0.70724 | 502471.98 | | |

3633275.90        0.73339
         502521.98    3633275.90        0.76076                        502571.98
3633275.90        0.78932
         502621.98    3633275.90        0.81910                        502671.98
3633275.90        0.84994
         502721.98    3633275.90        0.88198                        502771.98
3633275.90        0.91489
         502821.98    3633275.90        0.79992                        502871.98
3633275.90        0.90949
         502921.98    3633275.90        1.02162                        502971.98
3633275.90        1.05925
         503021.98    3633275.90        1.00275                        503071.98
3633275.90        1.13606
         503121.98    3633275.90        1.17540                        503171.98
3633275.90        1.21381
         503221.98    3633275.90        1.09664                        503271.98
3633275.90        1.02451
         503321.98    3633275.90        1.02403                        503371.98
3633275.90        0.96579
         503421.98    3633275.90        0.92644                        503471.98
3633275.90        0.70553
         503621.98    3633275.90        0.73115                        503671.98
3633275.90        0.70246
         503721.98    3633275.90        0.62992                        503771.98
3633275.90        0.58014
         503821.98    3633275.90        0.55215                        503871.98
3633275.90        0.56174
         503921.98    3633275.90        0.57958                        503971.98
3633275.90        0.60563
         504021.98    3633275.90        0.61062                        504071.98
3633275.90        0.61128
         504121.98    3633275.90        0.62263                        504171.98
3633275.90        0.61415
         504221.98    3633275.90        0.60180                        504271.98
3633275.90        0.59838
         504321.98    3633275.90        0.60807                        504371.98
3633275.90        0.61904
         504421.98    3633275.90        0.60647                        504471.98
3633275.90        0.59839

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920

, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
3633325.90        1.07529
         503371.98    3633325.90        1.01130                        503421.98
3633325.90        0.84160
         503471.98    3633325.90        0.66741                        503621.98
3633325.90        0.73594
         503671.98    3633325.90        0.70655                        503721.98
3633325.90        0.63160
         503771.98    3633325.90        0.61231                        503821.98
3633325.90        0.59800
         503871.98    3633325.90        0.60722                        503921.98
3633325.90        0.64461
         503971.98    3633325.90        0.68893                        504021.98
3633325.90        0.68623
         504071.98    3633325.90        0.67748                        504121.98
3633325.90        0.69595
         504171.98    3633325.90        0.66868                        504221.98
3633325.90        0.65111
         504271.98    3633325.90        0.65461                        504321.98
3633325.90        0.67844
         504371.98    3633325.90        0.69072                        504421.98
3633325.90        0.66964
         504471.98    3633325.90        0.65639                        504521.98
3633325.90        0.65393
         504571.98    3633325.90        0.65985                        504621.98
3633325.90        0.66682
         504671.98    3633325.90        0.67415                        504721.98
3633325.90        0.66887
         504771.98    3633325.90        0.66100                        504821.98
3633325.90        0.66706
         504871.98    3633325.90        0.68651                        504921.98
3633325.90        0.69493
         504971.98    3633325.90        0.68013                        505021.98
3633325.90        0.66650
         505071.98    3633325.90        0.65779                        505121.98
3633325.90        0.63535
         505171.98    3633325.90        0.61831                        505221.98
3633325.90        0.61271
         502221.98    3633375.90        0.64443                        502271.98
3633375.90        0.66893
         502321.98    3633375.90        0.69466                        502371.98
3633375.90        0.72170
         502421.98    3633375.90        0.75019                        502471.98
3633375.90        0.78007
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***

INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 0.81157 | 502571.98 | 3633375.90 | 0.84465 |
| 502621.98 | 3633375.90 | 0.87933 | 502671.98 | 3633375.90 | 0.91550 |
| 502721.98 | 3633375.90 | 0.95328 | 502771.98 | 3633375.90 | 0.99279 |
| 502821.98 | 3633375.90 | 1.03409 | 502871.98 | 3633375.90 | 1.07728 |
| 502921.98 | 3633375.90 | 1.12200 | 502971.98 | 3633375.90 | 1.16828 |
| 503021.98 | 3633375.90 | 1.21590 | 503071.98 | 3633375.90 | 1.26499 |
| 503121.98 | 3633375.90 | 1.31482 | 503171.98 | 3633375.90 | 1.36491 |
| 503221.98 | 3633375.90 | 1.41438 | 503271.98 | 3633375.90 | 1.46339 |
| 503321.98 | 3633375.90 | 1.28604 | 503371.98 | 3633375.90 | 1.08916 |
| 503421.98 | 3633375.90 | 0.80514 | 503471.98 | 3633375.90 | 0.79693 |
| 503621.98 | 3633375.90 | 0.81337 | 503671.98 | 3633375.90 | 0.76027 |
| 503721.98 | 3633375.90 | 0.69336 | 503771.98 | 3633375.90 | 0.68036 |
| 503821.98 | 3633375.90 | 0.69106 | 503871.98 | 3633375.90 | 0.68534 |
| 503921.98 | 3633375.90 | 0.73344 | 503971.98 | 3633375.90 | 0.79135 |
| 504021.98 | 3633375.90 | 0.77316 | 504071.98 | 3633375.90 | 0.75655 |
| 504121.98 | 3633375.90 | 0.78117 | 504171.98 | 3633375.90 | 0.72951 |
| 504221.98 | 3633375.90 | 0.71895 | 504271.98 | | |

```
3633375.90        0.73804
         504321.98    3633375.90        0.77087                     504371.98
3633375.90        0.78093
         504421.98    3633375.90        0.74390                     504471.98
3633375.90        0.72284
         504521.98    3633375.90        0.71759                     504571.98
3633375.90        0.72508
         504621.98    3633375.90        0.73259                     504671.98
3633375.90        0.74460
         504721.98    3633375.90        0.73351                     504771.98
3633375.90        0.72445
         504821.98    3633375.90        0.73184                     504871.98
3633375.90        0.75781
         504921.98    3633375.90        0.75547                     504971.98
3633375.90        0.74155
         505021.98    3633375.90        0.72533                     505071.98
3633375.90        0.69937
         505121.98    3633375.90        0.67230                     505171.98
3633375.90        0.65413
         505221.98    3633375.90        0.64902                     502221.98
3633425.90        0.65985
         502271.98    3633425.90        0.68555                     502321.98
3633425.90        0.71259
         502371.98    3633425.90        0.74131                     502421.98
3633425.90        0.77180
         502471.98    3633425.90        0.80450                     502521.98
3633425.90        0.83812
         502571.98    3633425.90        0.87352                     502621.98
3633425.90        0.91091
         502671.98    3633425.90        0.95009                     502721.98
3633425.90        0.99131
         502771.98    3633425.90        1.03451                     502821.98
3633425.90        1.07984
         502871.98    3633425.90        1.12726                     502921.98
3633425.90        1.17657
         502971.98    3633425.90        1.22805                     503021.98
3633425.90        1.28154
         503071.98    3633425.90        1.33645                     503121.98
3633425.90        1.39314
         503171.98    3633425.90        1.44998                     503221.98
3633425.90        1.50694
         503271.98    3633425.90        1.56339                     503321.98
3633425.90        1.37868
         503371.98    3633425.90        1.05815                     503421.98
3633425.90        0.90859
         503471.98    3633425.90        0.93055                     503621.98
3633425.90        0.97986
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***

INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 0.88313 | 503721.98 | 3633425.90 | 0.78765 |
| 503771.98 | 3633425.90 | 0.76524 | 503821.98 | 3633425.90 | 0.77993 |
| 503871.98 | 3633425.90 | 0.79700 | 503921.98 | 3633425.90 | 0.86891 |
| 503971.98 | 3633425.90 | 0.89724 | 504021.98 | 3633425.90 | 0.87048 |
| 504071.98 | 3633425.90 | 0.85525 | 504121.98 | 3633425.90 | 0.88387 |
| 504171.98 | 3633425.90 | 0.82798 | 504221.98 | 3633425.90 | 0.83255 |
| 504271.98 | 3633425.90 | 0.86894 | 504321.98 | 3633425.90 | 0.91076 |
| 504371.98 | 3633425.90 | 0.87174 | 504421.98 | 3633425.90 | 0.82839 |
| 504471.98 | 3633425.90 | 0.80334 | 504521.98 | 3633425.90 | 0.79140 |
| 504571.98 | 3633425.90 | 0.79980 | 504621.98 | 3633425.90 | 0.81550 |
| 504671.98 | 3633425.90 | 0.82521 | 504721.98 | 3633425.90 | 0.82407 |
| 504771.98 | 3633425.90 | 0.81051 | 504821.98 | 3633425.90 | 0.80204 |
| 504871.98 | 3633425.90 | 0.82997 | 504921.98 | 3633425.90 | 0.81646 |
| 504971.98 | 3633425.90 | 0.79531 | 505021.98 | 3633425.90 | 0.75717 |
| 505071.98 | 3633425.90 | 0.72929 | 505121.98 | | |

3633425.90 0.70717
505171.98 3633425.90 0.69027 505221.98
3633425.90 0.68594
502221.98 3633475.90 0.67537 502271.98
3633475.90 0.70240
502321.98 3633475.90 0.73110 502371.98
3633475.90 0.76162
502421.98 3633475.90 0.79408 502471.98
3633475.90 0.82914
502521.98 3633475.90 0.86475 502571.98
3633475.90 0.90277
502621.98 3633475.90 0.94316 502671.98
3633475.90 0.98554
504771.98 3633475.90 0.92759 504821.98
3633475.90 0.91970
504871.98 3633475.90 0.90545 504921.98
3633475.90 0.89061
504971.98 3633475.90 0.85078 505021.98
3633475.90 0.80062
505071.98 3633475.90 0.76953 505121.98
3633475.90 0.74476
505171.98 3633475.90 0.72335 505221.98
3633475.90 0.71530
502221.98 3633525.90 0.69122 502271.98
3633525.90 0.71967
502321.98 3633525.90 0.74986 502371.98
3633525.90 0.78253
502421.98 3633525.90 0.81720 502471.98
3633525.90 0.85404
502521.98 3633525.90 0.89185 502571.98
3633525.90 0.93180
502621.98 3633525.90 0.97541 502671.98
3633525.90 1.02139
504771.98 3633525.90 1.00387 504821.98
3633525.90 0.98317
504871.98 3633525.90 0.96585 504921.98
3633525.90 0.94842
504971.98 3633525.90 0.92630 505021.98
3633525.90 0.87316
505071.98 3633525.90 0.81999 505121.98
3633525.90 0.78041
505171.98 3633525.90 0.75701 505221.98
3633525.90 0.74470
502221.98 3633575.90 0.70763 502271.98
3633575.90 0.73663
502321.98 3633575.90 0.76841 502371.98
3633575.90 0.80307
502421.98 3633575.90 0.83958 502471.98
3633575.90 0.87797
502521.98 3633575.90 0.91867 502571.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                   L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)        Y-COORD (M)        CONC
 - - -

3633625.90 1.06723
504971.98 3633625.90 1.04123 505021.98
3633625.90 1.00113
505071.98 3633625.90 0.92956 505121.98
3633625.90 0.87198
505171.98 3633625.90 0.83085 505221.98
3633625.90 0.81060
502221.98 3633675.90 0.73793 502271.98
3633675.90 0.76944
502321.98 3633675.90 0.80515 502371.98
3633675.90 0.84286
502421.98 3633675.90 0.88428 502471.98
3633675.90 0.92771
502521.98 3633675.90 0.97461 502571.98
3633675.90 1.02451
502621.98 3633675.90 1.07797 502671.98
3633675.90 1.13519
504771.98 3633675.90 1.26484 504821.98
3633675.90 1.23404
504871.98 3633675.90 1.19484 504921.98
3633675.90 1.15346
504971.98 3633675.90 1.10940 505021.98
3633675.90 1.05607
505071.98 3633675.90 0.97085 505121.98
3633675.90 0.89371
505171.98 3633675.90 0.84361 505221.98
3633675.90 0.81451
502221.98 3633725.90 0.75216 502271.98
3633725.90 0.78535
502321.98 3633725.90 0.82313 502371.98
3633725.90 0.86312
502421.98 3633725.90 0.90614 502471.98
3633725.90 0.95229
502521.98 3633725.90 1.00193 502571.98
3633725.90 1.05524
502621.98 3633725.90 1.11254 502671.98
3633725.90 1.17397
504771.98 3633725.90 1.41549 504821.98
3633725.90 1.33237
504871.98 3633725.90 1.28657 504921.98
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504971.98 3633725.90 1.15868 505021.98
3633725.90 1.07793
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3633725.90 0.89040
505171.98 3633725.90 0.84616 505221.98
3633725.90 0.81382
502221.98 3633775.90 0.76630 502271.98
3633775.90 0.80100
502321.98 3633775.90 0.84142 502371.98

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920
, L0000921 , L0000922 , L0000923 ,
L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 1.14655 | 502671.98 | 3633775.90 | 1.21246 |
| 504771.98 | 3633775.90 | 1.57174 | 504821.98 | 3633775.90 | 1.47878 |
| 504871.98 | 3633775.90 | 1.36990 | 504921.98 | 3633775.90 | 1.25401 |
| 504971.98 | 3633775.90 | 1.17030 | 505021.98 | 3633775.90 | 1.06878 |
| 505071.98 | 3633775.90 | 0.97266 | 505121.98 | 3633775.90 | 0.89376 |
| 505171.98 | 3633775.90 | 0.85121 | 505221.98 | 3633775.90 | 0.82686 |
| 502221.98 | 3633825.90 | 0.78087 | 502271.98 | 3633825.90 | 0.81686 |
| 502321.98 | 3633825.90 | 0.85819 | 502371.98 | 3633825.90 | 0.90219 |
| 502421.98 | 3633825.90 | 0.94930 | 502471.98 | 3633825.90 | 0.99997 |
| 502521.98 | 3633825.90 | 1.05532 | 502571.98 | 3633825.90 | 1.11552 |
| 502621.98 | 3633825.90 | 1.18078 | 502671.98 | | |

3633825.90 1.25110
504771.98 3633825.90 1.69792 504821.98
3633825.90 1.55369
504871.98 3633825.90 1.35151 504921.98
3633825.90 1.22131
504971.98 3633825.90 1.13132 505021.98
3633825.90 1.05746
505071.98 3633825.90 0.97730 505121.98
3633825.90 0.90602
505171.98 3633825.90 0.87359 505221.98
3633825.90 0.85313
502221.98 3633875.90 0.79372 502271.98
3633875.90 0.83165
502321.98 3633875.90 0.87509 502371.98
3633875.90 0.91998
502421.98 3633875.90 0.96957 502471.98
3633875.90 1.02227
502521.98 3633875.90 1.08097 502571.98
3633875.90 1.14482
502621.98 3633875.90 1.21398 502671.98
3633875.90 1.28881
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3633875.90 1.52773
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3633875.90 1.20857
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3633875.90 1.04711
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3633875.90 0.93963
505171.98 3633875.90 0.90529 505221.98
3633875.90 0.87471
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3633925.90 0.84628
502321.98 3633925.90 0.89059 502371.98
3633925.90 0.93698
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3633925.90 1.04478
502521.98 3633925.90 1.10598 502571.98
3633925.90 1.17279
502621.98 3633925.90 1.24583 502671.98
3633925.90 1.32522
504771.98 3633925.90 1.73458 504821.98
3633925.90 1.51859
504871.98 3633925.90 1.36490 504921.98
3633925.90 1.22747
504971.98 3633925.90 1.12886 505021.98
3633925.90 1.06773
505071.98 3633925.90 1.01270 505121.98
3633925.90 0.96100
505171.98 3633925.90 0.91891 505221.98

3633925.90        0.87592
         502221.98    3633975.90        0.81856                       502271.98
3633975.90        0.85871
         502321.98    3633975.90        0.90432                       502371.98
3633975.90        0.95420
         502421.98    3633975.90        1.00801                       502471.98
3633975.90        1.06614
         502521.98    3633975.90        1.13013                       502571.98
3633975.90        1.19969

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633975.90        1.27652                       502671.98
3633975.90        1.36014
         504771.98    3633975.90        1.69002                       504821.98
3633975.90        1.54177
         504871.98    3633975.90        1.42113                       504921.98
3633975.90        1.28309
         504971.98    3633975.90        1.14857                       505021.98
3633975.90        1.06335
         505071.98    3633975.90        0.99354                       505121.98
3633975.90        0.94828
         505171.98    3633975.90        0.89903                       505221.98
3633975.90        0.84771
         502221.98    3634025.90        0.82987                       502271.98
3634025.90        0.87098
         502321.98    3634025.90        0.91779                       502371.98
3634025.90        0.96935
         502421.98    3634025.90        1.02487                       502471.98

3634025.90 1.08540
502521.98 3634025.90 1.15177 502571.98
3634025.90 1.22474
502621.98 3634025.90 1.30545 502671.98
3634025.90 1.39388
504771.98 3634025.90 1.67364 504821.98
3634025.90 1.56718
504871.98 3634025.90 1.40168 504921.98
3634025.90 1.25161
504971.98 3634025.90 1.10701 505021.98
3634025.90 1.01345
505071.98 3634025.90 0.93981 505121.98
3634025.90 0.89764
505171.98 3634025.90 0.85575 505221.98
3634025.90 0.80519
502221.98 3634075.90 0.83883 502271.98
3634075.90 0.88203
502321.98 3634075.90 0.92996 502371.98
3634075.90 0.98210
502421.98 3634075.90 1.03878 502471.98
3634075.90 1.10151
502521.98 3634075.90 1.17097 502571.98
3634075.90 1.24819
502621.98 3634075.90 1.33200 502671.98
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504771.98 3634075.90 1.65493 504821.98
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504871.98 3634075.90 1.30210 504921.98
3634075.90 1.15534
504971.98 3634075.90 1.02869 505021.98
3634075.90 0.93769
505071.98 3634075.90 0.87504 505121.98
3634075.90 0.83990
505171.98 3634075.90 0.81407 505221.98
3634075.90 0.77615
502221.98 3634125.90 0.84605 502271.98
3634125.90 0.89212
502321.98 3634125.90 0.94085 502371.98
3634125.90 0.99513
502421.98 3634125.90 1.05357 502471.98
3634125.90 1.11776
502521.98 3634125.90 1.18832 502571.98
3634125.90 1.26647
502621.98 3634125.90 1.35579 502671.98
3634125.90 1.45431
504771.98 3634125.90 1.47412 504821.98
3634125.90 1.32952
504871.98 3634125.90 1.18786 504921.98
3634125.90 1.04031
504971.98 3634125.90 0.95579 505021.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634175.90        1.37468                        502671.98
3634175.90        1.47584
         504771.98    3634175.90        1.29077                        504821.98
3634175.90        1.16941
         504871.98    3634175.90        1.07197                        504921.98
3634175.90        0.99468
         504971.98    3634175.90        0.92866                        505021.98
3634175.90        0.88113
         505071.98    3634175.90        0.83174                        505121.98
3634175.90        0.82473
         505171.98    3634175.90        0.80442                        505221.98
3634175.90        0.78714
         502221.98    3634225.90        0.85737                        502271.98

3634225.90 0.90358
502321.98 3634225.90 0.95744 502371.98 3634225.90 1.01664
502421.98 3634225.90 1.07855 502471.98 3634225.90 1.14596
502521.98 3634225.90 1.21939 502571.98 3634225.90 1.30202
502621.98 3634225.90 1.39334 502671.98 3634225.90 1.49623
504771.98 3634225.90 1.20801 504821.98 3634225.90 1.11156
504871.98 3634225.90 1.05154 504921.98 3634225.90 0.98572
504971.98 3634225.90 0.95130 505021.98 3634225.90 0.89231
505071.98 3634225.90 0.83980 505121.98 3634225.90 0.82123
505171.98 3634225.90 0.77949 505221.98 3634225.90 0.77941
502221.98 3634275.90 0.86290 502271.98 3634275.90 0.90985
502321.98 3634275.90 0.96324 502371.98 3634275.90 1.02399
502421.98 3634275.90 1.08666 502471.98 3634275.90 1.15515
502521.98 3634275.90 1.23099 502571.98 3634275.90 1.31477
502621.98 3634275.90 1.40899 502671.98 3634275.90 1.51425
504771.98 3634275.90 1.18581 504821.98 3634275.90 1.10198
504871.98 3634275.90 1.03987 504921.98 3634275.90 0.99163
504971.98 3634275.90 0.97041 505021.98 3634275.90 0.89108
505071.98 3634275.90 0.83813 505121.98 3634275.90 0.81960
505171.98 3634275.90 0.75959 505221.98 3634275.90 0.76238
502221.98 3634325.90 0.86795 502271.98 3634325.90 0.91625
502321.98 3634325.90 0.96851 502371.98 3634325.90 1.02581
502421.98 3634325.90 1.08851 502471.98 3634325.90 1.15709
502521.98 3634325.90 1.23338 502571.98 3634325.90 1.31789
502621.98 3634325.90 1.41206 502671.98 3634325.90 1.51857
504771.98 3634325.90 1.17911 504821.98

3634325.90        1.11996
         504871.98    3634325.90        1.06141                        504921.98
3634325.90        1.02465
         504971.98    3634325.90        0.98924                        505021.98
3634325.90        0.89107
         505071.98    3634325.90        0.83860                        505121.98
3634325.90        0.83438
         505171.98    3634325.90        0.77259                        505221.98
3634325.90        0.74968
         502221.98    3634375.90        0.87276                        502271.98
3634375.90        0.92135
         502321.98    3634375.90        0.97242                        502371.98
3634375.90        1.02859
         502421.98    3634375.90        1.09368                        502471.98
3634375.90        1.16530
         502521.98    3634375.90        1.24528                        502571.98
3634375.90        1.33138

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
3634375.90        0.87724
         505171.98    3634375.90        0.81620                   505221.98
3634375.90        0.76948
         502221.98    3634425.90        0.87716                   502271.98
3634425.90        0.92615
         502321.98    3634425.90        0.97900                   502371.98
3634425.90        1.03689
         502421.98    3634425.90        1.10081                   502471.98
3634425.90        1.17053
         502521.98    3634425.90        1.24857                   502571.98
3634425.90        1.33475
         502621.98    3634425.90        1.43107                   502671.98
3634425.90        1.53859
         504771.98    3634425.90        1.29899                   504821.98
3634425.90        1.25259
         504871.98    3634425.90        1.24386                   504921.98
3634425.90        1.22741
         504971.98    3634425.90        1.09414                   505021.98
3634425.90        1.01501
         505071.98    3634425.90        0.98326                   505121.98
3634425.90        0.94417
         505171.98    3634425.90        0.87392                   505221.98
3634425.90        0.81426
         502221.98    3634475.90        0.87760                   502271.98
3634475.90        0.92630
         502321.98    3634475.90        0.97925                   502371.98
3634475.90        1.03721
         502421.98    3634475.90        1.10081                   502471.98
3634475.90        1.17059
         502521.98    3634475.90        1.24855                   502571.98
3634475.90        1.33466
         502621.98    3634475.90        1.43058                   502671.98
3634475.90        1.53813
         504771.98    3634475.90        1.36116                   504821.98
3634475.90        1.27911
         504871.98    3634475.90        1.27402                   504921.98
3634475.90        1.35554
         504971.98    3634475.90        1.23257                   505021.98
3634475.90        1.14895
         505071.98    3634475.90        1.09686                   505121.98
3634475.90        1.01799
         505171.98    3634475.90        0.93498                   505221.98
3634475.90        0.86492
         502221.98    3634525.90        0.87662                   502271.98
3634525.90        0.92474
         502321.98    3634525.90        0.97736                   502371.98
3634525.90        1.03506
         502421.98    3634525.90        1.09815                   502471.98
3634525.90        1.16777
         502521.98    3634525.90        1.24455                   502571.98
```

3634525.90        1.33014
         502621.98    3634525.90        1.42538                        502671.98
3634525.90        1.53308
         504771.98    3634525.90        1.46565                        504821.98
3634525.90        1.34418
         504871.98    3634525.90        1.33669                        504921.98
3634525.90        1.45666
         504971.98    3634525.90        1.43342                        505021.98
3634525.90        1.31196
         505071.98    3634525.90        1.20725                        505121.98
3634525.90        1.08490
         505171.98    3634525.90        0.97442                        505221.98
3634525.90        0.88413
         502221.98    3634575.90        0.87473                        502271.98
3634575.90        0.92153
         502321.98    3634575.90        0.97336                        502371.98
3634575.90        1.03031
         502421.98    3634575.90        1.09283                        502471.98
3634575.90        1.16171
         502521.98    3634575.90        1.23747                        502571.98
3634575.90        1.32158

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3634575.90 1.64519
504971.98 3634575.90 1.52822 505021.98
3634575.90 1.35809
505071.98 3634575.90 1.22796 505121.98
3634575.90 1.11282
505171.98 3634575.90 0.95034 505221.98
3634575.90 0.87035
502221.98 3634625.90 0.87048 502271.98
3634625.90 0.91740
502321.98 3634625.90 0.96736 502371.98
3634625.90 1.02325
502421.98 3634625.90 1.08450 502471.98
3634625.90 1.15200
502521.98 3634625.90 1.22726 502571.98
3634625.90 1.30938
502621.98 3634625.90 1.40072 502671.98
3634625.90 1.50219
504771.98 3634625.90 2.01167 504821.98
3634625.90 1.94555
504871.98 3634625.90 1.81240 504921.98
3634625.90 1.68284
504971.98 3634625.90 1.52263 505021.98
3634625.90 1.35590
505071.98 3634625.90 1.20193 505121.98
3634625.90 1.09542
505171.98 3634625.90 0.92502 505221.98
3634625.90 0.84639
502221.98 3634675.90 0.86390 502271.98
3634675.90 0.91077
502321.98 3634675.90 0.96120 502371.98
3634675.90 1.01571
502421.98 3634675.90 1.07568 502471.98
3634675.90 1.14135
502521.98 3634675.90 1.21346 502571.98
3634675.90 1.29327
502621.98 3634675.90 1.38147 502671.98
3634675.90 1.47880
504771.98 3634675.90 2.04748 504821.98
3634675.90 1.90274
504871.98 3634675.90 1.75836 504921.98
3634675.90 1.64378
504971.98 3634675.90 1.52308 505021.98
3634675.90 1.33432
505071.98 3634675.90 1.14721 505121.98
3634675.90 1.05842
505171.98 3634675.90 0.92526 505221.98
3634675.90 0.84161
502221.98 3634725.90 0.85600 502271.98
3634725.90 0.90149
502321.98 3634725.90 0.94975 502371.98

3634725.90        1.00298
         502421.98    3634725.90        1.06196                        502471.98
3634725.90        1.12573
         502521.98    3634725.90        1.19510                        502571.98
3634725.90        1.27217
         502621.98    3634725.90        1.35667                        502671.98
3634725.90        1.45062
         504771.98    3634725.90        1.96071                        504821.98
3634725.90        1.83652
         504871.98    3634725.90        1.71848                        504921.98
3634725.90        1.58155
         504971.98    3634725.90        1.42976                        505021.98
3634725.90        1.21284
         505071.98    3634725.90        1.07766                        505121.98
3634725.90        0.98938
         505171.98    3634725.90        0.87005                        505221.98
3634725.90        0.81627
         502221.98    3634775.90        0.84727                        502271.98
3634775.90        0.89145
         502321.98    3634775.90        0.93752                        502371.98
3634775.90        0.98862
         502421.98    3634775.90        1.04442                        502471.98
3634775.90        1.10581
         502521.98    3634775.90        1.17425                        502571.98
3634775.90        1.24745


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634775.90        1.32820                        502671.98

3634775.90 1.41750
504771.98 3634775.90 1.87523 504821.98
3634775.90 1.75870
504871.98 3634775.90 1.64582 504921.98
3634775.90 1.48717
504971.98 3634775.90 1.24618 505021.98
3634775.90 1.06677
505071.98 3634775.90 0.99942 505121.98
3634775.90 0.93390
505171.98 3634775.90 0.82083 505221.98
3634775.90 0.76414
502221.98 3634825.90 0.83648 502271.98
3634825.90 0.87902
502321.98 3634825.90 0.92455 502371.98
3634825.90 0.97406
502421.98 3634825.90 1.02724 502471.98
3634825.90 1.08475
502521.98 3634825.90 1.15049 502571.98
3634825.90 1.22068
502621.98 3634825.90 1.29727 502671.98
3634825.90 1.38129
504771.98 3634825.90 1.80905 504821.98
3634825.90 1.68667
504871.98 3634825.90 1.55669 504921.98
3634825.90 1.35084
504971.98 3634825.90 1.06730 505021.98
3634825.90 0.91112
505071.98 3634825.90 0.87660 505121.98
3634825.90 0.84106
505171.98 3634825.90 0.76236 505221.98
3634825.90 0.71608
502221.98 3634875.90 0.82435 502271.98
3634875.90 0.86488
502321.98 3634875.90 0.90884 502371.98
3634875.90 0.95659
502421.98 3634875.90 1.00816 502471.98
3634875.90 1.06408
502521.98 3634875.90 1.12491 502571.98
3634875.90 1.19129
502621.98 3634875.90 1.26386 502671.98
3634875.90 1.34333
504771.98 3634875.90 1.74049 504821.98
3634875.90 1.61370
504871.98 3634875.90 1.50386 504921.98
3634875.90 1.25996
504971.98 3634875.90 0.99327 505021.98
3634875.90 0.84797
505071.98 3634875.90 0.77363 505121.98
3634875.90 0.75600
505171.98 3634875.90 0.71177 505221.98

3634875.90        0.68380
         502221.98    3634925.90        0.81061                          502271.98
3634925.90        0.84977
         502321.98    3634925.90        0.89207                          502371.98
3634925.90        0.93764
         502421.98    3634925.90        0.98693                          502471.98
3634925.90        1.03993
         502521.98    3634925.90        1.09786                          502571.98
3634925.90        1.16065
         502621.98    3634925.90        1.22888                          502671.98
3634925.90        1.30380
         504771.98    3634925.90        1.67199                          504821.98
3634925.90        1.55099
         504871.98    3634925.90        1.46002                          504921.98
3634925.90        1.25686
         504971.98    3634925.90        1.00140                          505021.98
3634925.90        0.82367
         505071.98    3634925.90        0.73843                          505121.98
3634925.90        0.71607
         505171.98    3634925.90        0.68172                          505221.98
3634925.90        0.66043
         502221.98    3634975.90        0.79601                          502271.98
3634975.90        0.83382
         502321.98    3634975.90        0.87408                          502371.98
3634975.90        0.91763
         502421.98    3634975.90        0.96453                          502471.98
3634975.90        1.01500
         502521.98    3634975.90        1.06986                          502571.98
3634975.90        1.12903

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)

Y-COORD (M)  CONC

- - - -

3635125.90        0.78195
         502321.98    3635125.90        0.81695                        502371.98
3635125.90        0.85451
         502421.98    3635125.90        0.89469                        502471.98
3635125.90        0.93774
         502521.98    3635125.90        0.98417                        502571.98
3635125.90        1.03415
         502621.98    3635125.90        1.08793                        502671.98
3635125.90        1.14588
         505021.98    3635125.90        1.05011                        505071.98
3635125.90        0.97595
         505121.98    3635125.90        0.95936                        505171.98
3635125.90        0.93277
         505221.98    3635125.90        0.84225                        502221.98
3635175.90        0.73236
         502271.98    3635175.90        0.76405                        502321.98
3635175.90        0.79735
         502371.98    3635175.90        0.83301                        502421.98
3635175.90        0.87115
         502471.98    3635175.90        0.91198                        502521.98
3635175.90        0.95580
         502571.98    3635175.90        1.00303                        502621.98
3635175.90        1.05374
         502671.98    3635175.90        1.10793                        505121.98
3635175.90        0.95327
         505171.98    3635175.90        0.91281                        505221.98
3635175.90        0.87331
         502221.98    3635225.90        0.71595                        502271.98
3635225.90        0.74605
         502321.98    3635225.90        0.77795                        502371.98
3635225.90        0.81191
         502421.98    3635225.90        0.84815                        502471.98
3635225.90        0.88688


                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 0.92837 | 502571.98 | 3635225.90 | 0.97277 |
| 502621.98 | 3635225.90 | 1.02011 | 502671.98 | 3635225.90 | 1.07074 |
| 502221.98 | 3635275.90 | 0.69935 | 502271.98 | 3635275.90 | 0.72836 |
| 502321.98 | 3635275.90 | 0.75858 | 502371.98 | 3635275.90 | 0.79087 |
| 502421.98 | 3635275.90 | 0.82535 | 502471.98 | 3635275.90 | 0.86201 |
| 502521.98 | 3635275.90 | 0.90083 | 502571.98 | 3635275.90 | 0.94277 |
| 502621.98 | 3635275.90 | 0.98708 | 502671.98 | 3635275.90 | 1.03402 |
| 502221.98 | 3635325.90 | 0.70124 | 502271.98 | 3635325.90 | 0.71086 |
| 502321.98 | 3635325.90 | 0.73969 | 502371.98 | 3635325.90 | 0.77030 |
| 502421.98 | 3635325.90 | 0.80543 | 502471.98 | 3635325.90 | 0.83678 |
| 502521.98 | 3635325.90 | 0.87132 | 502571.98 | 3635325.90 | 0.91343 |
| 502621.98 | 3635325.90 | 0.95464 | 502671.98 | 3635325.90 | 0.99808 |
| 502221.98 | 3635375.90 | 0.67970 | 502271.98 | 3635375.90 | 0.69370 |
| 502321.98 | 3635375.90 | 0.72352 | 502371.98 | 3635375.90 | 0.75241 |
| 502421.98 | 3635375.90 | 0.77906 | 502471.98 | 3635375.90 | 0.80685 |
| 502521.98 | 3635375.90 | 0.84052 | 502571.98 | 3635375.90 | 0.88464 |
| 502621.98 | 3635375.90 | 0.92290 | 502671.98 | 3635375.90 | 0.96315 |
| 502221.98 | 3635425.90 | 0.66061 | 502271.98 | 3635425.90 | 0.67690 |
| 502321.98 | 3635425.90 | 0.70328 | 502371.98 | 3635425.90 | 0.72728 |
| 502421.98 | 3635425.90 | 0.75233 | 502471.98 | 3635425.90 | 0.77844 |
| 502521.98 | 3635425.90 | 0.80843 | 502571.98 | 3635425.90 | 0.84167 |
| 502621.98 | 3635425.90 | 0.87671 | 502671.98 | | |

3635425.90        0.91446
         504771.98    3635425.90        1.08841                          502221.98
3635475.90        0.63952
         502271.98    3635475.90        0.65933                          502321.98
3635475.90        0.68056
         502371.98    3635475.90        0.70297                          502421.98
3635475.90        0.72666
         502471.98    3635475.90        0.74955                          502521.98
3635475.90        0.78136
         502571.98    3635475.90        0.81283                          502621.98
3635475.90        0.84616
         502671.98    3635475.90        0.87691                          504771.98
3635475.90        1.07178
         504821.98    3635475.90        1.02594                          504871.98
3635475.90        0.98737
         504921.98    3635475.90        0.94415                          502221.98
3635525.90        0.61807
         502271.98    3635525.90        0.63825                          502321.98
3635525.90        0.65842
         502371.98    3635525.90        0.68052                          502421.98
3635525.90        0.70308
         502471.98    3635525.90        0.72678                          502521.98
3635525.90        0.75533
         502571.98    3635525.90        0.78376                          502621.98
3635525.90        0.81223
         502671.98    3635525.90        0.84051                          502721.98
3635525.90        0.87117
         502771.98    3635525.90        0.90527                          502821.98
3635525.90        0.94088
         502871.98    3635525.90        0.97853                          502921.98
3635525.90        1.01530
         502971.98    3635525.90        1.05209                          503021.98
3635525.90        1.08856
         503071.98    3635525.90        1.12664                          503121.98
3635525.90        1.17838
         503171.98    3635525.90        1.21347                          503221.98
3635525.90        1.22662


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 1.26025 | 503321.98 | 3635525.90 | 1.29492 |
| 503371.98 | 3635525.90 | 1.33154 | 503421.98 | 3635525.90 | 1.36680 |
| 503471.98 | 3635525.90 | 1.41131 | 503521.98 | 3635525.90 | 1.44604 |
| 503571.98 | 3635525.90 | 1.45168 | 503621.98 | 3635525.90 | 1.45597 |
| 503671.98 | 3635525.90 | 1.46926 | 503721.98 | 3635525.90 | 1.48436 |
| 503771.98 | 3635525.90 | 1.50224 | 503821.98 | 3635525.90 | 1.51749 |
| 503871.98 | 3635525.90 | 1.51851 | 503921.98 | 3635525.90 | 1.54227 |
| 503971.98 | 3635525.90 | 1.56507 | 504021.98 | 3635525.90 | 1.52233 |
| 504071.98 | 3635525.90 | 1.44440 | 504121.98 | 3635525.90 | 1.42378 |
| 504171.98 | 3635525.90 | 1.39960 | 504221.98 | 3635525.90 | 1.37362 |
| 504271.98 | 3635525.90 | 1.34354 | 504321.98 | 3635525.90 | 1.31206 |
| 504371.98 | 3635525.90 | 1.27918 | 504421.98 | 3635525.90 | 1.24505 |
| 504471.98 | 3635525.90 | 1.21035 | 504521.98 | 3635525.90 | 1.17491 |
| 504571.98 | 3635525.90 | 1.13859 | 504621.98 | 3635525.90 | 1.10269 |
| 504671.98 | 3635525.90 | 1.06694 | 504721.98 | 3635525.90 | 1.06889 |
| 504771.98 | 3635525.90 | 1.03115 | 504821.98 | 3635525.90 | 0.99663 |
| 504871.98 | 3635525.90 | 0.95983 | 504921.98 | 3635525.90 | 0.91277 |
| 504971.98 | 3635525.90 | 0.87996 | 505021.98 | 3635525.90 | 0.85041 |
| 505071.98 | 3635525.90 | 0.81445 | 505121.98 | 3635525.90 | 0.78000 |
| 505171.98 | 3635525.90 | 0.74771 | 505221.98 | | |

3635525.90        0.71747
         502221.98    3635575.90        0.59312                        502271.98
3635575.90        0.61774
         502321.98    3635575.90        0.63806                        502371.98
3635575.90        0.65847
         502421.98    3635575.90        0.67995                        502471.98
3635575.90        0.70425
         502521.98    3635575.90        0.73115                        502571.98
3635575.90        0.75746
         502621.98    3635575.90        0.78299                        502671.98
3635575.90        0.80883
         502721.98    3635575.90        0.83745                        502771.98
3635575.90        0.87024
         502821.98    3635575.90        0.90299                        502871.98
3635575.90        0.93612
         502921.98    3635575.90        0.96927                        502971.98
3635575.90        1.00114
         503021.98    3635575.90        1.03328                        503071.98
3635575.90        1.06726
         503121.98    3635575.90        1.11559                        503171.98
3635575.90        1.14659
         503221.98    3635575.90        1.16101                        503271.98
3635575.90        1.19634
         503321.98    3635575.90        1.22995                        503371.98
3635575.90        1.26751
         503421.98    3635575.90        1.30315                        503471.98
3635575.90        1.34616
         503521.98    3635575.90        1.37825                        503571.98
3635575.90        1.38186
         503621.98    3635575.90        1.37076                        503671.98
3635575.90        1.37949
         503721.98    3635575.90        1.39059                        503771.98
3635575.90        1.40024
         503821.98    3635575.90        1.40652                        503871.98
3635575.90        1.42010
         503921.98    3635575.90        1.43581                        503971.98
3635575.90        1.45492
         504021.98    3635575.90        1.36348                        504071.98
3635575.90        1.34862
         504121.98    3635575.90        1.33056                        504171.98
3635575.90        1.30980

VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 ,
L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 1.28683 | 504271.98 | 3635575.90 | 1.26197 |
| 504321.98 | 3635575.90 | 1.23434 | 504371.98 | 3635575.90 | 1.20526 |
| 504421.98 | 3635575.90 | 1.17516 | 504471.98 | 3635575.90 | 1.14471 |
| 504521.98 | 3635575.90 | 1.11316 | 504571.98 | 3635575.90 | 1.08166 |
| 504621.98 | 3635575.90 | 1.04920 | 504671.98 | 3635575.90 | 1.01736 |
| 504721.98 | 3635575.90 | 1.00174 | 504771.98 | 3635575.90 | 0.98743 |
| 504821.98 | 3635575.90 | 0.96012 | 504871.98 | 3635575.90 | 0.92341 |
| 504921.98 | 3635575.90 | 0.87203 | 504971.98 | 3635575.90 | 0.85457 |
| 505021.98 | 3635575.90 | 0.82631 | 505071.98 | 3635575.90 | 0.79439 |
| 505121.98 | 3635575.90 | 0.77018 | 505171.98 | 3635575.90 | 0.73028 |
| 505221.98 | 3635575.90 | 0.70548 | 502221.98 | 3635625.90 | 0.56771 |
| 502271.98 | 3635625.90 | 0.59419 | 502321.98 | 3635625.90 | 0.61580 |
| 502371.98 | 3635625.90 | 0.63822 | 502421.98 | 3635625.90 | 0.65351 |
| 502471.98 | 3635625.90 | 0.67468 | 502521.98 | 3635625.90 | 0.69818 |
| 502571.98 | 3635625.90 | 0.72929 | 502621.98 | 3635625.90 | 0.75678 |
| 502671.98 | 3635625.90 | 0.77995 | 502721.98 | 3635625.90 | 0.80548 |
| 502771.98 | 3635625.90 | 0.83403 | 502821.98 | 3635625.90 | 0.86278 |
| 502871.98 | 3635625.90 | 0.89211 | 502921.98 | | |

```
3635625.90        0.92170
         502971.98    3635625.90        0.95143                    503021.98
3635625.90        0.98167
         503071.98    3635625.90        1.01273                    503121.98
3635625.90        1.04420
         503171.98    3635625.90        1.07620                    503221.98
3635625.90        1.10877
         503271.98    3635625.90        1.13978                    503321.98
3635625.90        1.17152
         503371.98    3635625.90        1.20202                    503421.98
3635625.90        1.23522
         503471.98    3635625.90        1.27722                    503521.98
3635625.90        1.30932
         503571.98    3635625.90        1.31591                    503621.98
3635625.90        1.30682
         503671.98    3635625.90        1.31337                    503721.98
3635625.90        1.32032
         503771.98    3635625.90        1.32628                    503821.98
3635625.90        1.32732
         503871.98    3635625.90        1.31964                    503921.98
3635625.90        1.33606
         503971.98    3635625.90        1.34885                    504021.98
3635625.90        1.27485
         504071.98    3635625.90        1.26224                    504121.98
3635625.90        1.24669
         504171.98    3635625.90        1.22879                    504221.98
3635625.90        1.20850
         504271.98    3635625.90        1.18652                    504321.98
3635625.90        1.16332
         504371.98    3635625.90        1.13783                    504421.98
3635625.90        1.11103
         504471.98    3635625.90        1.08392                    504521.98
3635625.90        1.05605
         504571.98    3635625.90        1.02808                    504621.98
3635625.90        0.99942
         504671.98    3635625.90        0.97092                    504721.98
3635625.90        0.94222
         504771.98    3635625.90        0.94609                    504821.98
3635625.90        0.92142
         504871.98    3635625.90        0.88884                    504921.98
3635625.90        0.83090
         504971.98    3635625.90        0.83007                    505021.98
3635625.90        0.78448
         505071.98    3635625.90        0.75675                    505121.98
3635625.90        0.74447
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 0.71320 | 505221.98 | 3635625.90 | 0.68494 |
| 502221.98 | 3635675.90 | 0.54365 | 502271.98 | 3635675.90 | 0.57018 |
| 502321.98 | 3635675.90 | 0.58999 | 502371.98 | 3635675.90 | 0.61192 |
| 502421.98 | 3635675.90 | 0.63017 | 502471.98 | 3635675.90 | 0.65175 |
| 502521.98 | 3635675.90 | 0.67460 | 502571.98 | 3635675.90 | 0.70112 |
| 502621.98 | 3635675.90 | 0.72723 | 502671.98 | 3635675.90 | 0.75210 |
| 502721.98 | 3635675.90 | 0.77490 | 502771.98 | 3635675.90 | 0.79696 |
| 502821.98 | 3635675.90 | 0.82445 | 502871.98 | 3635675.90 | 0.85201 |
| 502921.98 | 3635675.90 | 0.87591 | 502971.98 | 3635675.90 | 0.90693 |
| 503021.98 | 3635675.90 | 0.93419 | 503071.98 | 3635675.90 | 0.96384 |
| 503121.98 | 3635675.90 | 0.99252 | 503171.98 | 3635675.90 | 1.02126 |
| 503221.98 | 3635675.90 | 1.05269 | 503271.98 | 3635675.90 | 1.08194 |
| 503321.98 | 3635675.90 | 1.11147 | 503371.98 | 3635675.90 | 1.14338 |
| 503421.98 | 3635675.90 | 1.17539 | 503471.98 | 3635675.90 | 1.20787 |
| 503521.98 | 3635675.90 | 1.23767 | 503571.98 | 3635675.90 | 1.24738 |
| 503621.98 | 3635675.90 | 1.24428 | 503671.98 | | |

```
3635675.90        1.24278
         503721.98    3635675.90        1.25611                      503771.98
3635675.90        1.26193
         503821.98    3635675.90        1.25510                      503871.98
3635675.90        1.24705
         503921.98    3635675.90        1.26794                      503971.98
3635675.90        1.27099
         504021.98    3635675.90        1.23313                      504071.98
3635675.90        1.18399
         504121.98    3635675.90        1.17086                      504171.98
3635675.90        1.15538
         504221.98    3635675.90        1.13784                      504271.98
3635675.90        1.11842
         504321.98    3635675.90        1.09772                      504371.98
3635675.90        1.07578
         504421.98    3635675.90        1.05234                      504471.98
3635675.90        1.02773
         504521.98    3635675.90        1.00262                      504571.98
3635675.90        0.97791
         504621.98    3635675.90        0.95206                      504671.98
3635675.90        0.92681
         504721.98    3635675.90        0.90127                      504771.98
3635675.90        0.92377
         504821.98    3635675.90        0.88396                      504871.98
3635675.90        0.85510
         504921.98    3635675.90        0.80242                      504971.98
3635675.90        0.80454
         505021.98    3635675.90        0.77342                      505071.98
3635675.90        0.73764
         505121.98    3635675.90        0.72630                      505171.98
3635675.90        0.69886
         505221.98    3635675.90        0.67030                      502221.98
3635725.90        0.52277
         502271.98    3635725.90        0.55056                      502321.98
3635725.90        0.57201
         502371.98    3635725.90        0.59419                      502421.98
3635725.90        0.61049
         502471.98    3635725.90        0.63112                      502521.98
3635725.90        0.65064
         502571.98    3635725.90        0.67789                      502621.98
3635725.90        0.70292
         502671.98    3635725.90        0.72431                      502721.98
3635725.90        0.74645
         502771.98    3635725.90        0.76814                      502821.98
3635725.90        0.79241
         502871.98    3635725.90        0.81768                      502921.98
3635725.90        0.83678
         502971.98    3635725.90        0.86300                      503021.98
3635725.90        0.88529
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635725.90 0.99773
504471.98 3635725.90 0.97573 504521.98
3635725.90 0.98687
504571.98 3635725.90 0.93105 504621.98
3635725.90 0.90808
504671.98 3635725.90 0.90776 504721.98
3635725.90 0.86232
504771.98 3635725.90 0.83931 504821.98
3635725.90 0.83697
504871.98 3635725.90 0.79338 504921.98
3635725.90 0.77075
504971.98 3635725.90 0.77839 505021.98
3635725.90 0.75724
505071.98 3635725.90 0.72456 505121.98
3635725.90 0.70863
505171.98 3635725.90 0.68300 505221.98
3635725.90 0.65655
502221.98 3635775.90 0.50570 502271.98
3635775.90 0.53469
502321.98 3635775.90 0.55447 502371.98
3635775.90 0.57596
502421.98 3635775.90 0.59197 502471.98
3635775.90 0.61075
502521.98 3635775.90 0.62992 502571.98
3635775.90 0.65203
502621.98 3635775.90 0.67410 502671.98
3635775.90 0.69593
502721.98 3635775.90 0.72010 502771.98
3635775.90 0.74229
502821.98 3635775.90 0.76406 502871.98
3635775.90 0.78607
502921.98 3635775.90 0.80362 502971.98
3635775.90 0.82740
503021.98 3635775.90 0.84268 503071.98
3635775.90 0.86773
503121.98 3635775.90 0.89094 503171.98
3635775.90 0.91814
503221.98 3635775.90 0.90862 503271.98
3635775.90 0.91246
503321.98 3635775.90 0.95241 503371.98
3635775.90 1.01206
503421.98 3635775.90 1.05441 503471.98
3635775.90 1.08363
503521.98 3635775.90 1.10543 503571.98
3635775.90 1.12713
503621.98 3635775.90 1.13921 503671.98
3635775.90 1.12995
503721.98 3635775.90 1.12278 503771.98
3635775.90 1.12950
503821.98 3635775.90 1.12692 503871.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635775.90 0.66585
505221.98 3635775.90 0.64329 502221.98
3635825.90 0.49054
502271.98 3635825.90 0.51904 502321.98
3635825.90 0.53839
502371.98 3635825.90 0.55909 502421.98
3635825.90 0.57388
502471.98 3635825.90 0.59213 502521.98
3635825.90 0.60996
502571.98 3635825.90 0.63103 502621.98
3635825.90 0.65199
502671.98 3635825.90 0.67287 502721.98
3635825.90 0.69388
502771.98 3635825.90 0.71547 502821.98
3635825.90 0.73598
502871.98 3635825.90 0.75634 502921.98
3635825.90 0.77219
502971.98 3635825.90 0.79439 503021.98
3635825.90 0.80051
503071.98 3635825.90 0.81636 503121.98
3635825.90 0.84138
503171.98 3635825.90 0.86819 503221.98
3635825.90 0.84505
503271.98 3635825.90 0.85917 503321.98
3635825.90 0.89576
503371.98 3635825.90 0.96002 503421.98
3635825.90 0.99687
503471.98 3635825.90 1.02707 503521.98
3635825.90 1.01380
503571.98 3635825.90 1.04581 503621.98
3635825.90 1.08225
503671.98 3635825.90 1.08858 503721.98
3635825.90 1.07966
503771.98 3635825.90 1.07098 503821.98
3635825.90 1.07458
503871.98 3635825.90 1.08026 503921.98
3635825.90 1.09581
503971.98 3635825.90 1.11091 504021.98
3635825.90 1.07842
504071.98 3635825.90 1.11226 504121.98
3635825.90 1.10954
504171.98 3635825.90 1.07515 504221.98
3635825.90 1.06622
504271.98 3635825.90 1.07083 504321.98
3635825.90 1.03281
504371.98 3635825.90 0.99174 504421.98
3635825.90 0.96379
504471.98 3635825.90 0.95042 504521.98
3635825.90 0.93718
504571.98 3635825.90 0.89969 504621.98

3635825.90        0.87649
         504671.98    3635825.90        0.83818                        504721.98
3635825.90        0.79101
         504771.98    3635825.90        0.77205                        504821.98
3635825.90        0.76683
         504871.98    3635825.90        0.75986                        504921.98
3635825.90        0.73624

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS    ***
                              INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

3635875.90 0.72786
502921.98 3635875.90 0.73819 502971.98
3635875.90 0.75912
503021.98 3635875.90 0.76182 503071.98
3635875.90 0.77666
503121.98 3635875.90 0.79776 503171.98
3635875.90 0.82280
503221.98 3635875.90 0.83040 503271.98
3635875.90 0.83418
503321.98 3635875.90 0.88070 503371.98
3635875.90 0.90999
503421.98 3635875.90 0.94596 503471.98
3635875.90 0.96832
503521.98 3635875.90 0.90653 503571.98
3635875.90 0.98655
503621.98 3635875.90 1.02766 503671.98
3635875.90 1.03050
503721.98 3635875.90 1.02515 503771.98
3635875.90 1.02091
503821.98 3635875.90 1.02606 503871.98
3635875.90 1.04020
503921.98 3635875.90 1.04536 503971.98
3635875.90 1.05396
504021.98 3635875.90 1.04351 504071.98
3635875.90 1.06789
504121.98 3635875.90 1.06678 504171.98
3635875.90 1.05354
504221.98 3635875.90 1.05766 504271.98
3635875.90 1.05227
504321.98 3635875.90 1.01761 504371.98
3635875.90 0.98696
504421.98 3635875.90 0.96497 504471.98
3635875.90 0.92557
504521.98 3635875.90 0.90046 504571.98
3635875.90 0.87492
504621.98 3635875.90 0.84943 504671.98
3635875.90 0.82139
504721.98 3635875.90 0.75837 504771.98
3635875.90 0.74109
504821.98 3635875.90 0.74417 504871.98
3635875.90 0.72836
504921.98 3635875.90 0.71347 504971.98
3635875.90 0.70355
505021.98 3635875.90 0.68211 505071.98
3635875.90 0.66287
505121.98 3635875.90 0.64844 505171.98
3635875.90 0.63154
505221.98 3635875.90 0.61504 502221.98
3635925.90 0.46375
502271.98 3635925.90 0.49006 502321.98

3635925.90        0.50815
         502371.98    3635925.90        0.52723                        502421.98
3635925.90        0.54084
         502471.98    3635925.90        0.55697                        502521.98
3635925.90        0.57090
         502571.98    3635925.90        0.58956                        502621.98
3635925.90        0.60763
         502671.98    3635925.90        0.62682                        502721.98
3635925.90        0.64646
         502771.98    3635925.90        0.66557                        502821.98
3635925.90        0.68288


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502871.98    3635925.90        0.70075                        502921.98
3635925.90        0.70869
         502971.98    3635925.90        0.72583                        503021.98
3635925.90        0.72839
         503071.98    3635925.90        0.73981                        503121.98
3635925.90        0.75880
         503171.98    3635925.90        0.77649                        503221.98
3635925.90        0.78757
         503271.98    3635925.90        0.80762                        503321.98
3635925.90        0.83913
         503371.98    3635925.90        0.87032                        503421.98
3635925.90        0.89825
         503471.98    3635925.90        0.89051                        503521.98
3635925.90        0.86370
         503571.98    3635925.90        0.92739                        503621.98

3635925.90 0.97742
503671.98 3635925.90 0.97998 503721.98 3635925.90 0.98094
503771.98 3635925.90 0.98272 503821.98 3635925.90 0.98259
503871.98 3635925.90 0.98225 503921.98 3635925.90 0.99025
503971.98 3635925.90 1.00204 504021.98 3635925.90 1.00300
504071.98 3635925.90 1.01371 504121.98 3635925.90 1.02198
504171.98 3635925.90 1.02665 504221.98 3635925.90 1.03383
504271.98 3635925.90 1.01817 504321.98 3635925.90 0.99398
504371.98 3635925.90 0.97927 504421.98 3635925.90 0.96225
504471.98 3635925.90 0.93290 504521.98 3635925.90 0.89499
504571.98 3635925.90 0.85519 504621.98 3635925.90 0.81536
504671.98 3635925.90 0.79753 504721.98 3635925.90 0.77084
504771.98 3635925.90 0.74420 504821.98 3635925.90 0.69603
504871.98 3635925.90 0.69319 504921.98 3635925.90 0.68218
504971.98 3635925.90 0.68183 505021.98 3635925.90 0.66871
505071.98 3635925.90 0.65258 505121.98 3635925.90 0.63114
505171.98 3635925.90 0.61409 505221.98 3635925.90 0.60615
502221.98 3635975.90 0.44731 502271.98 3635975.90 0.47189
502321.98 3635975.90 0.48988 502371.98 3635975.90 0.51070
502421.98 3635975.90 0.52401 502471.98 3635975.90 0.53993
502521.98 3635975.90 0.55381 502571.98 3635975.90 0.57335
502621.98 3635975.90 0.59006 502671.98 3635975.90 0.60661
502721.98 3635975.90 0.62458 502771.98 3635975.90 0.64203
502821.98 3635975.90 0.65781 502871.98 3635975.90 0.67501
502921.98 3635975.90 0.68235 502971.98 3635975.90 0.69835
503021.98 3635975.90 0.69927 503071.98

3635975.90        0.71332
         503121.98    3635975.90        0.72500                      503171.98
3635975.90        0.73996
         503221.98    3635975.90        0.75442                      503271.98
3635975.90        0.77896
         503321.98    3635975.90        0.80491                      503371.98
3635975.90        0.83932
         503421.98    3635975.90        0.83442                      503471.98
3635975.90        0.83029
         503521.98    3635975.90        0.85881                      503571.98
3635975.90        0.91421
         503621.98    3635975.90        0.92985                      503671.98
3635975.90        0.93567
         503721.98    3635975.90        0.93815                      503771.98
3635975.90        0.93946

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503821.98    3635975.90        0.93828                      503871.98
3635975.90        0.93480
         503921.98    3635975.90        0.94103                      503971.98
3635975.90        0.95132
         504021.98    3635975.90        0.96335                      504071.98
3635975.90        0.97587
         504121.98    3635975.90        0.98572                      504171.98
3635975.90        0.99373
         504221.98    3635975.90        0.99608                      504271.98
3635975.90        0.98543
         504321.98    3635975.90        0.97548                      504371.98

3635975.90 0.96769
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3635975.90 0.92266
504521.98 3635975.90 0.89893 504571.98
3635975.90 0.86999
504621.98 3635975.90 0.84668 504671.98
3635975.90 0.80651
504721.98 3635975.90 0.77678 504771.98
3635975.90 0.74265
504821.98 3635975.90 0.70854 504871.98
3635975.90 0.68454
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3635975.90 0.65966
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3635975.90 0.63367
505121.98 3635975.90 0.61640 505171.98
3635975.90 0.60074
505221.98 3635975.90 0.58218 501721.98
3632475.90 0.32700
501821.98 3632475.90 0.34127 501921.98
3632475.90 0.35623
502021.98 3632475.90 0.37189 502121.98
3632475.90 0.38816
502221.98 3632475.90 0.40508 502321.98
3632475.90 0.42262
502421.98 3632475.90 0.44057 502521.98
3632475.90 0.45886
502621.98 3632475.90 0.47720 502721.98
3632475.90 0.49547
502821.98 3632475.90 0.51354 502921.98
3632475.90 0.47691
503021.98 3632475.90 0.46834 503121.98
3632475.90 0.44957
503221.98 3632475.90 0.47025 503321.98
3632475.90 0.44151
503421.98 3632475.90 0.42828 503721.98
3632475.90 0.40550
503821.98 3632475.90 0.37282 503921.98
3632475.90 0.34243
504021.98 3632475.90 0.31792 504121.98
3632475.90 0.31207
504221.98 3632475.90 0.29286 504321.98
3632475.90 0.28481
504421.98 3632475.90 0.30416 504521.98
3632475.90 0.32491
504621.98 3632475.90 0.28261 504721.98
3632475.90 0.26889
504821.98 3632475.90 0.27083 504921.98
3632475.90 0.26667
505021.98 3632475.90 0.25846 505121.98

3632475.90        0.26332
         505221.98    3632475.90        0.25711                        505321.98
3632475.90        0.25402
         505421.98    3632475.90        0.25372                        505521.98
3632475.90        0.25548
         505621.98    3632475.90        0.26461                        505721.98
3632475.90        0.27622
         501721.98    3632575.90        0.34022                        501821.98
3632575.90        0.35580
         501921.98    3632575.90        0.37221                        502021.98
3632575.90        0.38948
         502121.98    3632575.90        0.40756                        502221.98
3632575.90        0.42646
         502321.98    3632575.90        0.44611                        502421.98
3632575.90        0.46641
         502521.98    3632575.90        0.48721                        502621.98
3632575.90        0.50835
         502721.98    3632575.90        0.52945                        502821.98
3632575.90        0.55053

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502921.98    3632575.90        0.53654                        503021.98
3632575.90        0.51406
         503121.98    3632575.90        0.51055                        503221.98
3632575.90        0.50276
         503321.98    3632575.90        0.48137                        503421.98
3632575.90        0.45800
         503721.98    3632575.90        0.41683                        503821.98

3632575.90 0.38097
503921.98 3632575.90 0.30271 504021.98
3632575.90 0.28637
504121.98 3632575.90 0.28584 504221.98
3632575.90 0.28440
504321.98 3632575.90 0.27828 504421.98
3632575.90 0.28674
504521.98 3632575.90 0.31629 504621.98
3632575.90 0.30440
504721.98 3632575.90 0.28037 504821.98
3632575.90 0.28551
504921.98 3632575.90 0.27985 505021.98
3632575.90 0.27471
505121.98 3632575.90 0.28062 505221.98
3632575.90 0.27912
505321.98 3632575.90 0.27691 505421.98
3632575.90 0.27956
505521.98 3632575.90 0.28548 505621.98
3632575.90 0.29478
505721.98 3632575.90 0.29732 501721.98
3632675.90 0.35392
501821.98 3632675.90 0.37091 501921.98
3632675.90 0.38892
502021.98 3632675.90 0.40801 502121.98
3632675.90 0.42805
502221.98 3632675.90 0.44908 502321.98
3632675.90 0.47121
502421.98 3632675.90 0.49421 502521.98
3632675.90 0.51796
502621.98 3632675.90 0.54225 502721.98
3632675.90 0.56685
502821.98 3632675.90 0.53268 502921.98
3632675.90 0.51420
503021.98 3632675.90 0.50596 503721.98
3632675.90 0.44688
503821.98 3632675.90 0.41930 503921.98
3632675.90 0.37732
504021.98 3632675.90 0.32900 504121.98
3632675.90 0.30965
504221.98 3632675.90 0.30210 504321.98
3632675.90 0.29928
504421.98 3632675.90 0.30398 504521.98
3632675.90 0.31018
504621.98 3632675.90 0.30733 504721.98
3632675.90 0.30501
504821.98 3632675.90 0.30650 504921.98
3632675.90 0.30243
505021.98 3632675.90 0.30224 505121.98
3632675.90 0.30377
505221.98 3632675.90 0.30262 505321.98

3632675.90        0.30081
         505421.98    3632675.90        0.30978                        505521.98
3632675.90        0.32079
         505621.98    3632675.90        0.32193                        505721.98
3632675.90        0.31262
         502421.98    3632775.90        0.52359                        502521.98
3632775.90        0.48740
         502621.98    3632775.90        0.52172                        502721.98
3632775.90        0.60787
         502821.98    3632775.90        0.54853                        502921.98
3632775.90        0.45533
         503021.98    3632775.90        0.41750                        503121.98
3632775.90        0.46738
         503221.98    3632775.90        0.51500                        503621.98
3632775.90        0.51440
         503721.98    3632775.90        0.49294                        503821.98
3632775.90        0.43320
         503921.98    3632775.90        0.42340                        504021.98
3632775.90        0.40804
         504121.98    3632775.90        0.36883                        504221.98
3632775.90        0.34163
         504321.98    3632775.90        0.32933                        504421.98
3632775.90        0.32956

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504521.98    3632775.90        0.33006                        504621.98
3632775.90        0.32992
         504721.98    3632775.90        0.33190                        504821.98

3632775.90 0.33029
504921.98 3632775.90 0.33278 505021.98
3632775.90 0.33332
505121.98 3632775.90 0.33228 505221.98
3632775.90 0.33003
505321.98 3632775.90 0.33575 505421.98
3632775.90 0.34663
505521.98 3632775.90 0.35168 505621.98
3632775.90 0.35063
505721.98 3632775.90 0.34264 501721.98
3632875.90 0.38274
501821.98 3632875.90 0.40302 501921.98
3632875.90 0.42466
502021.98 3632875.90 0.44771 502121.98
3632875.90 0.47238
502221.98 3632875.90 0.49845 502321.98
3632875.90 0.52636
502421.98 3632875.90 0.55605 502521.98
3632875.90 0.58716
502621.98 3632875.90 0.61961 502721.98
3632875.90 0.65297
502821.98 3632875.90 0.59322 502921.98
3632875.90 0.45468
503021.98 3632875.90 0.33350 503121.98
3632875.90 0.42078
503221.98 3632875.90 0.59586 503321.98
3632875.90 0.62188
503421.98 3632875.90 0.61606 503621.98
3632875.90 0.56309
503721.98 3632875.90 0.53407 503821.98
3632875.90 0.46079
503921.98 3632875.90 0.39846 504021.98
3632875.90 0.39365
504121.98 3632875.90 0.38708 504221.98
3632875.90 0.36914
504321.98 3632875.90 0.36373 504421.98
3632875.90 0.35935
504521.98 3632875.90 0.35898 504621.98
3632875.90 0.36132
504721.98 3632875.90 0.36393 504821.98
3632875.90 0.36491
504921.98 3632875.90 0.36853 505021.98
3632875.90 0.36842
505121.98 3632875.90 0.36580 505221.98
3632875.90 0.37062
505321.98 3632875.90 0.37993 505421.98
3632875.90 0.38625
505521.98 3632875.90 0.38219 505621.98
3632875.90 0.38259
505721.98 3632875.90 0.37075 501721.98

```
3632975.90        0.39748
         501821.98    3632975.90        0.41965                      501921.98
3632975.90        0.44343
         502021.98    3632975.90        0.46897                      502121.98
3632975.90        0.49627
         505321.98    3632975.90        0.42763                      505421.98
3632975.90        0.42484
         505521.98    3632975.90        0.42480                      505621.98
3632975.90        0.41660
         505721.98    3632975.90        0.40001                      501721.98
3633075.90        0.41227
         501821.98    3633075.90        0.43636                      501921.98
3633075.90        0.46254
         502021.98    3633075.90        0.49069                      502121.98
3633075.90        0.52116
         505321.98    3633075.90        0.47137                      505421.98
3633075.90        0.47303
         505521.98    3633075.90        0.46816                      505621.98
3633075.90        0.45299
         505721.98    3633075.90        0.42638                      501721.98
3633175.90        0.42710
         501821.98    3633175.90        0.45331                      501921.98
3633175.90        0.48179
         502021.98    3633175.90        0.51292                      502121.98
3633175.90        0.54624
         505321.98    3633175.90        0.52315                      505421.98
3633175.90        0.51383
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 256
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - -
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501821.98 3633275.90 0.47044 501921.98 3633275.90 0.50147
502021.98 3633275.90 0.53557 502121.98 3633275.90 0.57245
505321.98 3633275.90 0.57886 505421.98 3633275.90 0.55094
505521.98 3633275.90 0.53766 505621.98 3633275.90 0.52591
505721.98 3633275.90 0.49447 501721.98 3633375.90 0.45637
501821.98 3633375.90 0.48707 501921.98 3633375.90 0.52074
502021.98 3633375.90 0.55793 502121.98 3633375.90 0.59900
505321.98 3633375.90 0.63680 505421.98 3633375.90 0.58950
505521.98 3633375.90 0.56727 505621.98 3633375.90 0.55765
505721.98 3633375.90 0.52207 501721.98 3633475.90 0.47071
501821.98 3633475.90 0.50366 501921.98 3633475.90 0.54028
502021.98 3633475.90 0.58073 502121.98 3633475.90 0.62525
505321.98 3633475.90 0.68917 505421.98 3633475.90 0.63285
505521.98 3633475.90 0.59663 505621.98 3633475.90 0.55773
505721.98 3633475.90 0.52236 501721.98 3633575.90 0.48458
501821.98 3633575.90 0.51985 501921.98 3633575.90 0.55896
502021.98 3633575.90 0.60254 502121.98 3633575.90 0.65250
505321.98 3633575.90 0.72442 505421.98 3633575.90 0.63792
505521.98 3633575.90 0.58959 505621.98 3633575.90 0.56041
505721.98 3633575.90 0.53462 501721.98 3633675.90 0.49790
501821.98 3633675.90 0.53505 501921.98 3633675.90 0.57705
502021.98 3633675.90 0.62428 502121.98 3633675.90 0.67797
505321.98 3633675.90 0.71008 505421.98

```
3633675.90        0.62687
         505521.98    3633675.90        0.59594                          505621.98
3633675.90        0.57669
         505721.98    3633675.90        0.56187                          501721.98
3633775.90        0.51040
         501821.98    3633775.90        0.54969                          501921.98
3633775.90        0.59404
         502021.98    3633775.90        0.64425                          502121.98
3633775.90        0.70113
         505321.98    3633775.90        0.73576                          505421.98
3633775.90        0.67226
         505521.98    3633775.90        0.62097                          505621.98
3633775.90        0.58867
         505721.98    3633775.90        0.56445                          501721.98
3633875.90        0.52163
         501821.98    3633875.90        0.56333                          501921.98
3633875.90        0.60891
         502021.98    3633875.90        0.66297                          502121.98
3633875.90        0.72345
         505321.98    3633875.90        0.75805                          505421.98
3633875.90        0.68451
         505521.98    3633875.90        0.61259                          505621.98
3633875.90        0.55289
         505721.98    3633875.90        0.52702                          501721.98
3633975.90        0.53163
         501821.98    3633975.90        0.57478                          501921.98
3633975.90        0.62373
         502021.98    3633975.90        0.67935                          502121.98
3633975.90        0.74394
         505321.98    3633975.90        0.70078                          505421.98
3633975.90        0.62621
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 257
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 0.56324 | 505621.98 | 3633975.90 | 0.51599 |
| 505721.98 | 3633975.90 | 0.49220 | 501721.98 | 3634075.90 | 0.53988 |
| 501821.98 | 3634075.90 | 0.58465 | 501921.98 | 3634075.90 | 0.63549 |
| 502021.98 | 3634075.90 | 0.69358 | 502121.98 | 3634075.90 | 0.76048 |
| 505321.98 | 3634075.90 | 0.64138 | 505421.98 | 3634075.90 | 0.59427 |
| 505521.98 | 3634075.90 | 0.57214 | 505621.98 | 3634075.90 | 0.54006 |
| 505721.98 | 3634075.90 | 0.48946 | 501721.98 | 3634175.90 | 0.54537 |
| 501821.98 | 3634175.90 | 0.59206 | 501921.98 | 3634175.90 | 0.64459 |
| 502021.98 | 3634175.90 | 0.70268 | 502121.98 | 3634175.90 | 0.77286 |
| 505321.98 | 3634175.90 | 0.69557 | 505421.98 | 3634175.90 | 0.65288 |
| 505521.98 | 3634175.90 | 0.61335 | 505621.98 | 3634175.90 | 0.53416 |
| 505721.98 | 3634175.90 | 0.47146 | 501721.98 | 3634275.90 | 0.54967 |
| 501821.98 | 3634275.90 | 0.59603 | 501921.98 | 3634275.90 | 0.64896 |
| 502021.98 | 3634275.90 | 0.70944 | 502121.98 | 3634275.90 | 0.78007 |
| 505321.98 | 3634275.90 | 0.75571 | 505421.98 | 3634275.90 | 0.70200 |
| 505521.98 | 3634275.90 | 0.57040 | 505621.98 | 3634275.90 | 0.50853 |
| 505721.98 | 3634275.90 | 0.44922 | 501721.98 | 3634375.90 | 0.55373 |
| 501821.98 | 3634375.90 | 0.60139 | 501921.98 | 3634375.90 | 0.65402 |
| 502021.98 | 3634375.90 | 0.71537 | 502121.98 | 3634375.90 | 0.78840 |
| 505321.98 | 3634375.90 | 0.79997 | 505421.98 | 3634375.90 | 0.71768 |
| 505521.98 | 3634375.90 | 0.55827 | 505621.98 | 3634375.90 | 0.48672 |
| 505721.98 | 3634375.90 | 0.44394 | 501721.98 | 3634475.90 | 0.55562 |
| 501821.98 | 3634475.90 | 0.60344 | 501921.98 | | |

3634475.90        0.65773
         502021.98    3634475.90        0.72084                        502121.98
3634475.90        0.79260
         505321.98    3634475.90        0.80713                        505421.98
3634475.90        0.84210
         505521.98    3634475.90        0.66671                        505621.98
3634475.90        0.54554
         505721.98    3634475.90        0.46199                        501721.98
3634575.90        0.55493
         501821.98    3634575.90        0.60187                        501921.98
3634575.90        0.65563
         502021.98    3634575.90        0.71807                        502121.98
3634575.90        0.79052
         505321.98    3634575.90        0.78401                        505421.98
3634575.90        0.87707
         505521.98    3634575.90        0.76849                        505621.98
3634575.90        0.58012
         505721.98    3634575.90        0.48043                        501721.98
3634675.90        0.55240
         501821.98    3634675.90        0.59910                        501921.98
3634675.90        0.65188
         502021.98    3634675.90        0.71294                        502121.98
3634675.90        0.78117
         505321.98    3634675.90        0.79159                        505421.98
3634675.90        0.87623
         505521.98    3634675.90        0.85464                        505621.98
3634675.90        0.70944
         505721.98    3634675.90        0.55041                        501721.98
3634775.90        0.54705
         501821.98    3634775.90        0.59264                        501921.98
3634775.90        0.64340
         502021.98    3634775.90        0.70258                        502121.98
3634775.90        0.76975
         505321.98    3634775.90        0.77446                        505421.98
3634775.90        0.92295

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 0.84936 | 505621.98 | 3634775.90 | 0.76384 |
| 505721.98 | 3634775.90 | 0.66077 | 501721.98 | 3634875.90 | 0.53899 |
| 501821.98 | 3634875.90 | 0.58281 | 501921.98 | 3634875.90 | 0.63187 |
| 502021.98 | 3634875.90 | 0.68739 | 502121.98 | 3634875.90 | 0.75111 |
| 505321.98 | 3634875.90 | 0.80231 | 505421.98 | 3634875.90 | 0.88065 |
| 505521.98 | 3634875.90 | 0.81329 | 505621.98 | 3634875.90 | 0.75327 |
| 505721.98 | 3634875.90 | 0.69610 | 501721.98 | 3634975.90 | 0.52892 |
| 501821.98 | 3634975.90 | 0.57007 | 501921.98 | 3634975.90 | 0.61598 |
| 502021.98 | 3634975.90 | 0.66825 | 502121.98 | 3634975.90 | 0.72797 |
| 505321.98 | 3634975.90 | 0.82310 | 505421.98 | 3634975.90 | 0.82731 |
| 505521.98 | 3634975.90 | 0.76623 | 505621.98 | 3634975.90 | 0.71265 |
| 505721.98 | 3634975.90 | 0.66513 | 501721.98 | 3635075.90 | 0.51589 |
| 501821.98 | 3635075.90 | 0.55475 | 501921.98 | 3635075.90 | 0.69752 |
| 502021.98 | 3635075.90 | 0.73591 | 502121.98 | 3635075.90 | 0.70225 |
| 505321.98 | 3635075.90 | 0.82245 | 505421.98 | 3635075.90 | 0.78185 |
| 505521.98 | 3635075.90 | 0.72360 | 505621.98 | 3635075.90 | 0.67252 |
| 505721.98 | 3635075.90 | 0.62809 | 501721.98 | 3635175.90 | 0.58348 |
| 501821.98 | 3635175.90 | 0.61103 | 501921.98 | 3635175.90 | 0.66859 |
| 502021.98 | 3635175.90 | 0.69848 | 502121.98 | 3635175.90 | 0.67474 |
| 505321.98 | 3635175.90 | 0.80198 | 505421.98 | 3635175.90 | 0.74205 |
| 505521.98 | 3635175.90 | 0.68746 | 505621.98 | | |

3635175.90        0.63951
         505721.98    3635175.90        0.59725                        501721.98
3635275.90        0.56272
         501821.98    3635275.90        0.59092                        501921.98
3635275.90        0.62007
         502021.98    3635275.90        0.65227                        502121.98
3635275.90        0.68127
         505621.98    3635275.90        0.60763                        505721.98
3635275.90        0.56912
         501721.98    3635375.90        0.51143                        501821.98
3635375.90        0.54145
         501921.98    3635375.90        0.57015                        502021.98
3635375.90        0.60263
         502121.98    3635375.90        0.64220                        505621.98
3635375.90        0.58765
         501721.98    3635475.90        0.46375                        501821.98
3635475.90        0.49077
         501921.98    3635475.90        0.53141                        502021.98
3635475.90        0.57031
         502121.98    3635475.90        0.60336                        505621.98
3635475.90        0.56341
         505721.98    3635475.90        0.52891                        501721.98
3635575.90        0.42827
         501821.98    3635575.90        0.45611                        501921.98
3635575.90        0.49628
         502021.98    3635575.90        0.52611                        502121.98
3635575.90        0.55183
         505321.98    3635575.90        0.65319                        505421.98
3635575.90        0.61355
         505521.98    3635575.90        0.57503                        505621.98
3635575.90        0.53976
         505721.98    3635575.90        0.50772                        501721.98
3635675.90        0.39429
         501821.98    3635675.90        0.42588                        501921.98
3635675.90        0.45691
         502021.98    3635675.90        0.48283                        502121.98
3635675.90        0.50617
         505321.98    3635675.90        0.62347                        505421.98
3635675.90        0.58285

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920

, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

3636075.90        0.39226
         502221.98    3636075.90        0.42236                        502321.98
3636075.90        0.45943
         502421.98    3636075.90        0.49322                        502521.98
3636075.90        0.52241
         502621.98    3636075.90        0.55284                        502721.98
3636075.90        0.58401
         502821.98    3636075.90        0.61251                        502921.98
3636075.90        0.63428
         503021.98    3636075.90        0.65401                        503121.98
3636075.90        0.65479
         503221.98    3636075.90        0.69578                        503321.98
3636075.90        0.74776
         503421.98    3636075.90        0.78894                        503521.98
3636075.90        0.82415
         503621.98    3636075.90        0.84593                        503721.98
3636075.90        0.85663
         503821.98    3636075.90        0.86064                        503921.98
3636075.90        0.87211
         504021.98    3636075.90        0.88686                        504121.98
3636075.90        0.89604
         504221.98    3636075.90        0.90120                        504321.98
3636075.90        0.90304
         504421.98    3636075.90        0.88013                        504521.98
3636075.90        0.84185
         504621.98    3636075.90        0.81501                        504721.98
3636075.90        0.77629
         504821.98    3636075.90        0.70936                        504921.98
3636075.90        0.64710
         505021.98    3636075.90        0.61438                        505121.98
3636075.90        0.58173
         505221.98    3636075.90        0.55263                        505321.98
3636075.90        0.52801
         505421.98    3636075.90        0.49331                        505521.98
3636075.90        0.47140
         505621.98    3636075.90        0.44467                        505721.98
3636075.90        0.41888
         501721.98    3636175.90        0.28180                        501821.98
3636175.90        0.30322
         501921.98    3636175.90        0.32867                        502021.98
3636175.90        0.34823
         502121.98    3636175.90        0.37139                        502221.98
3636175.90        0.40132

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***

INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 0.43681 | 502421.98 | 3636175.90 | 0.46836 |
| 502521.98 | 3636175.90 | 0.49502 | 502621.98 | 3636175.90 | 0.52211 |
| 502721.98 | 3636175.90 | 0.54518 | 502821.98 | 3636175.90 | 0.56770 |
| 502921.98 | 3636175.90 | 0.58766 | 503021.98 | 3636175.90 | 0.59870 |
| 503121.98 | 3636175.90 | 0.57474 | 503221.98 | 3636175.90 | 0.63052 |
| 503321.98 | 3636175.90 | 0.68550 | 503421.98 | 3636175.90 | 0.72210 |
| 503521.98 | 3636175.90 | 0.74839 | 503621.98 | 3636175.90 | 0.77042 |
| 503721.98 | 3636175.90 | 0.77869 | 503821.98 | 3636175.90 | 0.77944 |
| 503921.98 | 3636175.90 | 0.78462 | 504021.98 | 3636175.90 | 0.79058 |
| 504121.98 | 3636175.90 | 0.78500 | 504221.98 | 3636175.90 | 0.79125 |
| 504321.98 | 3636175.90 | 0.75494 | 504421.98 | 3636175.90 | 0.69504 |
| 504521.98 | 3636175.90 | 0.60205 | 504621.98 | 3636175.90 | 0.64541 |
| 504721.98 | 3636175.90 | 0.72656 | 504821.98 | 3636175.90 | 0.69489 |
| 504921.98 | 3636175.90 | 0.65778 | 505021.98 | 3636175.90 | 0.60403 |
| 505121.98 | 3636175.90 | 0.55182 | 505221.98 | 3636175.90 | 0.52703 |
| 505321.98 | 3636175.90 | 0.50723 | 505421.98 | 3636175.90 | 0.48426 |
| 505521.98 | 3636175.90 | 0.45489 | 505621.98 | | |

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3636175.90        0.43134
         505721.98    3636175.90        0.40774                     501721.98
3636275.90        0.26948
         501821.98    3636275.90        0.28855                     501921.98
3636275.90        0.31160
         502021.98    3636275.90        0.33470                     502121.98
3636275.90        0.36131
         502221.98    3636275.90        0.38975                     502321.98
3636275.90        0.41839
         502421.98    3636275.90        0.44533                     502521.98
3636275.90        0.47016
         502621.98    3636275.90        0.48939                     502721.98
3636275.90        0.50800
         502821.98    3636275.90        0.52588                     502921.98
3636275.90        0.54084
         503021.98    3636275.90        0.55725                     503121.98
3636275.90        0.55673
         503221.98    3636275.90        0.56500                     503321.98
3636275.90        0.60510
         503421.98    3636275.90        0.64756                     503521.98
3636275.90        0.67528
         503621.98    3636275.90        0.69515                     503721.98
3636275.90        0.70359
         503821.98    3636275.90        0.70294                     503921.98
3636275.90        0.70425
         504021.98    3636275.90        0.69778                     504121.98
3636275.90        0.67266
         504221.98    3636275.90        0.61307                     504321.98
3636275.90        0.50569
         504421.98    3636275.90        0.48888                     504521.98
3636275.90        0.46887
         504621.98    3636275.90        0.50482                     504721.98
3636275.90        0.56920
         504821.98    3636275.90        0.51600                     504921.98
3636275.90        0.60071
         505021.98    3636275.90        0.57637                     505121.98
3636275.90        0.52594
         505221.98    3636275.90        0.50226                     505321.98
3636275.90        0.48698
         505421.98    3636275.90        0.46780                     505521.98
3636275.90        0.44059
         505621.98    3636275.90        0.41928                     505721.98
3636275.90        0.39886
         501721.98    3636375.90        0.25742                     501821.98
3636375.90        0.27684
         501921.98    3636375.90        0.30122                     502021.98
3636375.90        0.32170
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***

INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 0.34668 | 502221.98 | 3636375.90 | 0.37132 |
| 502321.98 | 3636375.90 | 0.39596 | 502421.98 | 3636375.90 | 0.42294 |
| 502521.98 | 3636375.90 | 0.44398 | 502621.98 | 3636375.90 | 0.46245 |
| 502721.98 | 3636375.90 | 0.47382 | 502821.98 | 3636375.90 | 0.48382 |
| 502921.98 | 3636375.90 | 0.49271 | 503021.98 | 3636375.90 | 0.50022 |
| 503121.98 | 3636375.90 | 0.49877 | 503221.98 | 3636375.90 | 0.49994 |
| 503321.98 | 3636375.90 | 0.53001 | 503421.98 | 3636375.90 | 0.58257 |
| 503521.98 | 3636375.90 | 0.60504 | 503621.98 | 3636375.90 | 0.62099 |
| 503721.98 | 3636375.90 | 0.63296 | 503821.98 | 3636375.90 | 0.63483 |
| 503921.98 | 3636375.90 | 0.61763 | 504021.98 | 3636375.90 | 0.60681 |
| 504121.98 | 3636375.90 | 0.56695 | 504221.98 | 3636375.90 | 0.49621 |
| 504321.98 | 3636375.90 | 0.44554 | 504421.98 | 3636375.90 | 0.42955 |
| 504521.98 | 3636375.90 | 0.42441 | 504621.98 | 3636375.90 | 0.44071 |
| 504721.98 | 3636375.90 | 0.46763 | 504821.98 | 3636375.90 | 0.42980 |
| 504921.98 | 3636375.90 | 0.42624 | 505021.98 | | |

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3636375.90        0.53530
         505121.98    3636375.90        0.51684                    505221.98
3636375.90        0.49072
         505321.98    3636375.90        0.46916                    505421.98
3636375.90        0.44713
         505521.98    3636375.90        0.42787                    505621.98
3636375.90        0.40802
         505721.98    3636375.90        0.38899                    501721.98
3636475.90        0.24086
         501821.98    3636475.90        0.26042                    501921.98
3636475.90        0.28862
         502021.98    3636475.90        0.30562                    502121.98
3636475.90        0.32642
         502221.98    3636475.90        0.35240                    502321.98
3636475.90        0.37934
         502421.98    3636475.90        0.40261                    502521.98
3636475.90        0.41869
         502621.98    3636475.90        0.43321                    502721.98
3636475.90        0.44289
         502821.98    3636475.90        0.44270                    502921.98
3636475.90        0.44894
         503021.98    3636475.90        0.44844                    503121.98
3636475.90        0.44269
         503221.98    3636475.90        0.44428                    503321.98
3636475.90        0.47727
         503421.98    3636475.90        0.51246                    503521.98
3636475.90        0.53839
         503621.98    3636475.90        0.55410                    503721.98
3636475.90        0.56844
         503821.98    3636475.90        0.55601                    503921.98
3636475.90        0.53985
         504021.98    3636475.90        0.45261                    504121.98
3636475.90        0.46211
         504221.98    3636475.90        0.45616                    504321.98
3636475.90        0.40367
         504421.98    3636475.90        0.39181                    504521.98
3636475.90        0.38767
         504621.98    3636475.90        0.38556                    504721.98
3636475.90        0.38456
         504821.98    3636475.90        0.37914                    504921.98
3636475.90        0.39764
         505021.98    3636475.90        0.48791                    505121.98
3636475.90        0.49805
         505221.98    3636475.90        0.47198                    505321.98
3636475.90        0.45020
         505421.98    3636475.90        0.42782                    505521.98
3636475.90        0.41040
         505621.98    3636475.90        0.39412                    505721.98
3636475.90        0.37674
1 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

504071.98 3633475.90 0.80228 504121.98 3633475.90 0.83600
504171.98 3633475.90 0.80425 504221.98 3633475.90 0.82026
504271.98 3633475.90 0.84708 504321.98 3633475.90 0.84554
504371.98 3633475.90 0.76920 504421.98 3633475.90 0.71945
504471.98 3633475.90 0.69350 504521.98 3633475.90 0.68820
504571.98 3633475.90 0.70499 504621.98 3633475.90 0.72656
504671.98 3633475.90 0.73565 504721.98 3633475.90 0.75565
502721.98 3633525.90 0.96232 502771.98 3633525.90 1.00281
502821.98 3633525.90 1.04519 502871.98 3633525.90 1.08917
502921.98 3633525.90 1.13471 502971.98 3633525.90 1.18211
503021.98 3633525.90 1.23089 503071.98 3633525.90 1.28095
503121.98 3633525.90 1.33222 503171.98 3633525.90 1.38350
503221.98 3633525.90 1.43439 503271.98 3633525.90 1.48250
503321.98 3633525.90 1.34625 503371.98 3633525.90 1.11905
503421.98 3633525.90 1.08783 503471.98 3633525.90 1.09431
503521.98 3633525.90 1.07554 503621.98 3633525.90 1.14894
503671.98 3633525.90 1.07539 503721.98 3633525.90 1.06896
503771.98 3633525.90 0.97056 503821.98 3633525.90 0.88244
503871.98 3633525.90 0.91656 503921.98 3633525.90 0.98632
503971.98 3633525.90 0.95704 504021.98 3633525.90 0.90253
504071.98 3633525.90 0.92099 504121.98 3633525.90 0.96984
504171.98 3633525.90 0.97255 504221.98 3633525.90 0.98018
504271.98 3633525.90 0.94993 504321.98 3633525.90 0.82849
504371.98 3633525.90 0.78637 504421.98 3633525.90 0.75646
504471.98 3633525.90 0.74522 504521.98 3633525.90 0.76493

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504571.98 | 3633525.90 | 0.79475 | 504621.98 | 3633525.90 | 0.81592 |
| 504671.98 | 3633525.90 | 0.81780 | 504721.98 | 3633525.90 | 0.81563 |
| 502721.98 | 3633575.90 | 1.00002 | 502771.98 | 3633575.90 | 1.04412 |
| 502821.98 | 3633575.90 | 1.09078 | 502871.98 | 3633575.90 | 1.13958 |
| 502921.98 | 3633575.90 | 1.19022 | 502971.98 | 3633575.90 | 1.24287 |
| 503021.98 | 3633575.90 | 1.29720 | 503071.98 | 3633575.90 | 1.35356 |
| 503121.98 | 3633575.90 | 1.41160 | 503171.98 | 3633575.90 | 1.47011 |
| 503221.98 | 3633575.90 | 1.52856 | 503271.98 | 3633575.90 | 1.58635 |
| 503321.98 | 3633575.90 | 1.54842 | 503371.98 | 3633575.90 | 1.38607 |
| 503421.98 | 3633575.90 | 1.36333 | 503471.98 | 3633575.90 | 1.33525 |
| 503521.98 | 3633575.90 | 1.40104 | 503621.98 | 3633575.90 | 1.25173 |
| 503671.98 | 3633575.90 | 1.26313 | 503721.98 | 3633575.90 | 1.28311 |
| 503771.98 | 3633575.90 | 1.18013 | 503821.98 | | |

3633575.90 1.10855
503871.98 3633575.90 1.17207 503921.98
3633575.90 1.18354
503971.98 3633575.90 1.12351 504021.98
3633575.90 1.11003
504071.98 3633575.90 1.08532 504121.98
3633575.90 1.12291
504171.98 3633575.90 1.13278 504221.98
3633575.90 1.14907
504271.98 3633575.90 1.00678 504321.98
3633575.90 0.88240
504371.98 3633575.90 0.84450 504421.98
3633575.90 0.81214
504471.98 3633575.90 0.81799 504521.98
3633575.90 0.85903
504571.98 3633575.90 0.90201 504621.98
3633575.90 0.89125
504671.98 3633575.90 0.88356 504721.98
3633575.90 0.88076
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3633625.90 1.08759
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3633625.90 1.19180
502921.98 3633625.90 1.24801 502971.98
3633625.90 1.30714
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3633625.90 1.43180
503121.98 3633625.90 1.49726 503171.98
3633625.90 1.56419
503221.98 3633625.90 1.63183 503271.98
3633625.90 1.69874
503321.98 3633625.90 1.76386 503371.98
3633625.90 1.59873
503421.98 3633625.90 1.54817 503471.98
3633625.90 1.52176
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3633625.90 1.31864
503971.98 3633625.90 1.31093 504021.98
3633625.90 1.26633
504071.98 3633625.90 1.23698 504121.98
3633625.90 1.29659
504171.98 3633625.90 1.30713 504221.98
3633625.90 1.27327
504271.98 3633625.90 1.14239 504321.98

3633625.90        1.03410
         504371.98    3633625.90        0.94986                       504421.98
3633625.90        0.91376
         504471.98    3633625.90        0.91424                       504521.98
3633625.90        0.98078
         504571.98    3633625.90        0.99375                       504621.98
3633625.90        0.97981
         504671.98    3633625.90        0.99237                       504721.98
3633625.90        0.96833

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633675.90        1.08031                       502771.98
3633675.90        1.13259
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3633675.90        1.24669
         502921.98    3633675.90        1.30939                       502971.98
3633675.90        1.37504
         503021.98    3633675.90        1.44375                       503071.98
3633675.90        1.51530
         503121.98    3633675.90        1.58971                       503171.98
3633675.90        1.66644
         503221.98    3633675.90        1.74465                       503271.98
3633675.90        1.82314
         503321.98    3633675.90        1.90070                       503371.98
3633675.90        1.97769
         503421.98    3633675.90        2.05126                       503471.98
3633675.90        1.84772

503521.98 3633675.90 1.87203 503571.98
3633675.90 1.58811
503671.98 3633675.90 1.54994 503721.98
3633675.90 1.58148
503771.98 3633675.90 1.57080 503821.98
3633675.90 1.53348
503871.98 3633675.90 1.50793 503921.98
3633675.90 1.51083
503971.98 3633675.90 1.48200 504021.98
3633675.90 1.44697
504071.98 3633675.90 1.45140 504121.98
3633675.90 1.48431
504171.98 3633675.90 1.49616 504221.98
3633675.90 1.46610
504271.98 3633675.90 1.34631 504321.98
3633675.90 1.19109
504371.98 3633675.90 1.07997 504421.98
3633675.90 1.04358
504471.98 3633675.90 1.07879 504521.98
3633675.90 1.11498
504571.98 3633675.90 1.10116 504621.98
3633675.90 1.09490
504671.98 3633675.90 1.08406 504721.98
3633675.90 1.07072
502721.98 3633725.90 1.12230 502771.98
3633725.90 1.17943
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3633725.90 1.30474
502921.98 3633725.90 1.37442 502971.98
3633725.90 1.44720
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3633725.90 1.60462
503121.98 3633725.90 1.68936 503171.98
3633725.90 1.77751
503221.98 3633725.90 1.86822 503271.98
3633725.90 1.96058
503321.98 3633725.90 2.05331 503371.98
3633725.90 2.14532
503421.98 3633725.90 2.23489 503471.98
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3633725.90 1.79301
503821.98 3633725.90 1.78490 503871.98
3633725.90 1.73594
503921.98 3633725.90 1.72293 503971.98
3633725.90 1.66094
504021.98 3633725.90 1.63915 504071.98
3633725.90 1.65139

```
         504121.98    3633725.90        1.72092                       504171.98
3633725.90        1.69717
         504221.98    3633725.90        1.64351                       504271.98
3633725.90        1.62872
         504321.98    3633725.90        1.40625                       504371.98
3633725.90        1.27061
         504421.98    3633725.90        1.23211                       504471.98
3633725.90        1.25620
         504521.98    3633725.90        1.25361                       504571.98
3633725.90        1.23116
         504621.98    3633725.90        1.26347                       504671.98
3633725.90        1.23049
         504721.98    3633725.90        1.18257                       502721.98
3633775.90        1.16508
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         502771.98    3633775.90        1.22739                       502821.98
3633775.90        1.29385
         502871.98    3633775.90        1.36497                       502921.98
3633775.90        1.44180
         502971.98    3633775.90        1.52319                       503021.98
3633775.90        1.60925
         503071.98    3633775.90        1.70044                       503121.98
3633775.90        1.79679
         503171.98    3633775.90        1.89811                       503221.98
3633775.90        2.00348
         503271.98    3633775.90        2.11190                       503321.98
```

3633775.90 2.22201
503371.98 3633775.90 2.33219 503421.98
3633775.90 2.44034
503471.98 3633775.90 2.54370 503771.98
3633775.90 2.06402
503821.98 3633775.90 2.04044 503871.98
3633775.90 2.02913
503921.98 3633775.90 1.94068 503971.98
3633775.90 1.87469
504021.98 3633775.90 1.87090 504071.98
3633775.90 2.03341
504121.98 3633775.90 2.00539 504171.98
3633775.90 1.98170
504221.98 3633775.90 1.91656 504271.98
3633775.90 1.83591
504321.98 3633775.90 1.64590 504371.98
3633775.90 1.53387
504421.98 3633775.90 1.49247 504471.98
3633775.90 1.42613
504521.98 3633775.90 1.48322 504571.98
3633775.90 1.54226
504621.98 3633775.90 1.48510 504671.98
3633775.90 1.40921
504721.98 3633775.90 1.34182 502721.98
3633825.90 1.20885
502771.98 3633825.90 1.27651 502821.98
3633825.90 1.34943
502871.98 3633825.90 1.42766 502921.98
3633825.90 1.51275
502971.98 3633825.90 1.60298 503021.98
3633825.90 1.69955
503071.98 3633825.90 1.80275 503121.98
3633825.90 1.91265
503171.98 3633825.90 2.02910 503221.98
3633825.90 2.15149
503271.98 3633825.90 2.27879 503771.98
3633825.90 2.49275
503821.98 3633825.90 2.48294 503871.98
3633825.90 2.36065
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3633825.90 2.17389
504021.98 3633825.90 2.36939 504071.98
3633825.90 2.33295
504121.98 3633825.90 2.31360 504171.98
3633825.90 2.32336
504221.98 3633825.90 2.24545 504271.98
3633825.90 2.18369
504321.98 3633825.90 2.10532 504371.98
3633825.90 1.99020
504421.98 3633825.90 1.85570 504471.98

3633825.90        1.79098
         504521.98    3633825.90        1.78346                        504571.98
3633825.90        1.80582
         504621.98    3633825.90        1.69465                        504671.98
3633825.90        1.59268
         504721.98    3633825.90        1.53973                        502721.98
3633875.90        1.25275
         502771.98    3633875.90        1.32640                        502821.98
3633875.90        1.40593
         502871.98    3633875.90        1.49176                        502921.98
3633875.90        1.58597
         502971.98    3633875.90        1.68632                        503021.98
3633875.90        1.79462
         503071.98    3633875.90        1.91111                        503121.98
3633875.90        2.03665
         503171.98    3633875.90        2.17072                        503221.98
3633875.90        2.31314
         503271.98    3633875.90        2.46322                        503821.98
3633875.90        2.87248


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

504171.98 3633875.90 2.64467 504221.98
3633875.90 2.58736
504271.98 3633875.90 2.51299 504321.98
3633875.90 2.37829
504371.98 3633875.90 2.28556 504421.98
3633875.90 2.16364
504471.98 3633875.90 2.11539 504521.98
3633875.90 2.14094
504571.98 3633875.90 2.08542 504621.98
3633875.90 1.96793
504671.98 3633875.90 1.73659 504721.98
3633875.90 1.68595
502721.98 3633925.90 1.29664 502771.98
3633925.90 1.37614
502821.98 3633925.90 1.46286 502871.98
3633925.90 1.55777
502921.98 3633925.90 1.66123 502971.98
3633925.90 1.77274
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3633925.90 2.02574
503121.98 3633925.90 2.16867 503171.98
3633925.90 2.32331
503221.98 3633925.90 2.48980 503271.98
3633925.90 2.66725
503821.98 3633925.90 3.41779 503871.98
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504121.98 3633925.90 3.14215 504171.98
3633925.90 3.10707
504221.98 3633925.90 3.06040 504271.98
3633925.90 2.95492
504321.98 3633925.90 2.88096 504371.98
3633925.90 2.73416
504421.98 3633925.90 2.66240 504471.98
3633925.90 2.55366
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3633925.90 2.21180
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3633975.90 1.34043
502771.98 3633975.90 1.42587 502821.98
3633975.90 1.51945
502871.98 3633975.90 1.62396 502921.98
3633975.90 1.73785
502971.98 3633975.90 1.86127 503021.98
3633975.90 1.99744

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         503071.98    3633975.90        2.14628                       503121.98
3633975.90        2.30911
         503171.98    3633975.90        2.48722                       503221.98
3633975.90        2.68127
         503271.98    3633975.90        2.89133                       503821.98
3633975.90        4.11879
         503871.98    3633975.90        4.06942                       503921.98
3633975.90        4.37192
         503971.98    3633975.90        4.21013                       504021.98
3633975.90        3.99468
         504071.98    3633975.90        3.82095                       504121.98
3633975.90        3.75790
         504171.98    3633975.90        3.66867                       504221.98
3633975.90        3.52112
         504271.98    3633975.90        3.41406                       504321.98
3633975.90        3.34531
         504371.98    3633975.90        3.15563                       504421.98
3633975.90        3.04145
         504471.98    3633975.90        2.76217                       504521.98
3633975.90        2.45944
         504571.98    3633975.90        2.29634                       504621.98
3633975.90        2.13408
         504671.98    3633975.90        1.95734                       504721.98
3633975.90        1.76497
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3634025.90        1.38482                       502771.98
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3634025.90 1.47734
502821.98 3634025.90 1.57821 502871.98 3634025.90 1.69014
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503021.98 3634025.90 2.10356 503071.98 3634025.90 2.27120
503121.98 3634025.90 2.45684 503171.98 3634025.90 2.66193
503221.98 3634025.90 2.88833 503271.98 3634025.90 3.13733
503871.98 3634025.90 5.16209 503921.98 3634025.90 5.61260
503971.98 3634025.90 4.92449 504021.98 3634025.90 4.78894
504071.98 3634025.90 4.58415 504121.98 3634025.90 4.43958
504171.98 3634025.90 4.23238 504221.98 3634025.90 4.11692
504271.98 3634025.90 3.96442 504321.98 3634025.90 3.83504
504371.98 3634025.90 3.58786 504421.98 3634025.90 3.14700
504471.98 3634025.90 2.84701 504521.98 3634025.90 2.62970
504571.98 3634025.90 2.39287 504621.98 3634025.90 2.11709
504671.98 3634025.90 1.91095 504721.98 3634025.90 1.73145
502721.98 3634075.90 1.42732 502771.98 3634075.90 1.52445
502821.98 3634075.90 1.63344 502871.98 3634075.90 1.75565
502921.98 3634075.90 1.89069 502971.98 3634075.90 2.04113
503021.98 3634075.90 2.21070 503071.98 3634075.90 2.39928
503121.98 3634075.90 2.61006 503171.98 3634075.90 2.84601
503221.98 3634075.90 3.11008 503271.98 3634075.90 3.40486
503871.98 3634075.90 6.82480 503921.98 3634075.90 6.64758
503971.98 3634075.90 6.37799 504021.98 3634075.90 5.63281
504071.98 3634075.90 5.43380 504121.98 3634075.90 5.22971
504171.98 3634075.90 5.03407 504221.98 3634075.90 4.87196
504271.98 3634075.90 4.70049 504321.98

3634075.90        4.37925
         504371.98    3634075.90        3.85573                        504421.98
3634075.90        3.43751
         504471.98    3634075.90        3.02913                        504521.98
3634075.90        2.63607
         504571.98    3634075.90        2.31183                        504621.98
3634075.90        2.00521
         504671.98    3634075.90        1.83134                        504721.98
3634075.90        1.70067
         502721.98    3634125.90        1.46797                        502771.98
3634125.90        1.57070
         502821.98    3634125.90        1.68761                        502871.98
3634125.90        1.81957
         502921.98    3634125.90        1.96548                        502971.98
3634125.90        2.13017
         503021.98    3634125.90        2.31735                        503071.98
3634125.90        2.52761
         503121.98    3634125.90        2.76628                        503171.98
3634125.90        3.03697
         503221.98    3634125.90        3.34265                        503271.98
3634125.90        3.69236
         503921.98    3634125.90        8.01412                        503971.98
3634125.90        7.62291
         504021.98    3634125.90        7.18650                        504071.98
3634125.90        6.51717
         504121.98    3634125.90        6.32475                        504171.98
3634125.90        6.07821
         504221.98    3634125.90        5.83215                        504271.98
3634125.90        5.49357

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 5.00319 | 504371.98 | 3634125.90 | 4.39971 |
| 504421.98 | 3634125.90 | 3.72747 | 504471.98 | 3634125.90 | 2.99540 |
| 504521.98 | 3634125.90 | 2.60794 | 504571.98 | 3634125.90 | 2.24735 |
| 504621.98 | 3634125.90 | 1.97615 | 504671.98 | 3634125.90 | 1.82891 |
| 504721.98 | 3634125.90 | 1.68120 | 502721.98 | 3634175.90 | 1.50374 |
| 502771.98 | 3634175.90 | 1.61460 | 502821.98 | 3634175.90 | 1.73979 |
| 502871.98 | 3634175.90 | 1.88082 | 502921.98 | 3634175.90 | 2.03794 |
| 502971.98 | 3634175.90 | 2.21679 | 503021.98 | 3634175.90 | 2.42215 |
| 503071.98 | 3634175.90 | 2.65451 | 503121.98 | 3634175.90 | 2.92146 |
| 503171.98 | 3634175.90 | 3.22769 | 503221.98 | 3634175.90 | 3.57845 |
| 503271.98 | 3634175.90 | 3.98868 | 503971.98 | 3634175.90 | 9.27070 |
| 504021.98 | 3634175.90 | 8.67113 | 504071.98 | 3634175.90 | 8.07234 |
| 504121.98 | 3634175.90 | 7.64303 | 504171.98 | 3634175.90 | 7.28101 |
| 504221.98 | 3634175.90 | 6.87546 | 504271.98 | 3634175.90 | 6.38901 |
| 504321.98 | 3634175.90 | 5.80232 | 504371.98 | 3634175.90 | 4.42288 |
| 504421.98 | 3634175.90 | 3.27979 | 504471.98 | 3634175.90 | 2.90138 |
| 504521.98 | 3634175.90 | 2.55729 | 504571.98 | 3634175.90 | 2.16382 |
| 504621.98 | 3634175.90 | 1.91934 | 504671.98 | 3634175.90 | 1.76273 |
| 504721.98 | 3634175.90 | 1.60296 | 502721.98 | 3634225.90 | 1.53872 |
| 502771.98 | 3634225.90 | 1.65689 | 502821.98 | 3634225.90 | 1.78989 |
| 502871.98 | 3634225.90 | 1.93929 | 502921.98 | 3634225.90 | 2.10696 |
| 502971.98 | 3634225.90 | 2.29961 | 503021.98 | 3634225.90 | 2.52257 |
| 503071.98 | 3634225.90 | 2.77775 | 503121.98 | 3634225.90 | 3.07378 |

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         503171.98    3634225.90        3.41790                       503221.98
3634225.90        3.82178
         503271.98    3634225.90        4.30051                       504071.98
3634225.90        9.80353
         504121.98    3634225.90        8.95962                       504171.98
3634225.90        8.64138
         504221.98    3634225.90        7.88637                       504271.98
3634225.90        7.16625
         504321.98    3634225.90        6.34383                       504371.98
3634225.90        4.43802
         504421.98    3634225.90        3.26246                       504471.98
3634225.90        2.89326
         504521.98    3634225.90        2.55584                       504571.98
3634225.90        2.20901
         504621.98    3634225.90        1.94188                       504671.98
3634225.90        1.72879
         504721.98    3634225.90        1.54670                       502721.98
3634275.90        1.57174
         502771.98    3634275.90        1.69426                       502821.98
3634275.90        1.83432
         502871.98    3634275.90        1.99473                       502921.98
3634275.90        2.17204
         502971.98    3634275.90        2.37636                       503021.98
3634275.90        2.61741
         503071.98    3634275.90        2.89471                       503121.98
3634275.90        3.21948
         503171.98    3634275.90        3.60418                       503221.98
3634275.90        4.06183
         503271.98    3634275.90        4.61589                       504121.98
3634275.90       10.70544
         504171.98    3634275.90        9.43706                       504221.98
3634275.90        8.86047
         504271.98    3634275.90        7.74853                       504321.98
3634275.90        6.57554
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 4.92185 | 504421.98 | 3634275.90 | 3.62169 |
| 504471.98 | 3634275.90 | 2.97087 | 504521.98 | 3634275.90 | 2.51454 |
| 504571.98 | 3634275.90 | 2.14315 | 504621.98 | 3634275.90 | 1.86063 |
| 504671.98 | 3634275.90 | 1.62251 | 504721.98 | 3634275.90 | 1.44052 |
| 502721.98 | 3634325.90 | 1.59202 | 502771.98 | 3634325.90 | 1.72090 |
| 502821.98 | 3634325.90 | 1.86545 | 502871.98 | 3634325.90 | 2.04360 |
| 502971.98 | 3634325.90 | 2.44694 | 503021.98 | 3634325.90 | 2.70302 |
| 503071.98 | 3634325.90 | 3.00260 | 503121.98 | 3634325.90 | 3.35536 |
| 503171.98 | 3634325.90 | 3.77824 | 503221.98 | 3634325.90 | 4.28979 |
| 503271.98 | 3634325.90 | 4.91849 | 504171.98 | 3634325.90 | 11.31319 |
| 504221.98 | 3634325.90 | 9.40663 | 504271.98 | 3634325.90 | 8.10675 |
| 504321.98 | 3634325.90 | 6.84341 | 504371.98 | 3634325.90 | 5.43725 |
| 504421.98 | 3634325.90 | 3.81654 | 504471.98 | 3634325.90 | 2.97865 |
| 504521.98 | 3634325.90 | 2.39543 | 504571.98 | 3634325.90 | 1.97741 |
| 504621.98 | 3634325.90 | 1.68326 | 504671.98 | 3634325.90 | 1.47222 |
| 504721.98 | 3634325.90 | 1.32494 | 502721.98 | 3634375.90 | 1.61159 |
| 502771.98 | 3634375.90 | 1.74552 | 502821.98 | 3634375.90 | 1.89416 |
| 503021.98 | 3634375.90 | 2.77190 | 503071.98 | 3634375.90 | 3.09517 |
| 503121.98 | 3634375.90 | 3.47358 | 503171.98 | 3634375.90 | 3.92913 |
| 503221.98 | 3634375.90 | 4.49118 | 503271.98 | 3634375.90 | 5.19069 |
| 504221.98 | 3634375.90 | 9.86711 | 504271.98 | | |

3634375.90        8.19630
         504321.98    3634375.90        6.93209                          504371.98
3634375.90        5.07753
         504421.98    3634375.90        3.25147                          504471.98
3634375.90        2.51223
         504521.98    3634375.90        2.08919                          504571.98
3634375.90        1.79456
         504621.98    3634375.90        1.57975                          504671.98
3634375.90        1.41446
         504721.98    3634375.90        1.28578                          502721.98
3634425.90        1.63455
         502771.98    3634425.90        1.76889                          502821.98
3634425.90        1.92166
         504271.98    3634425.90        7.92584                          504321.98
3634425.90        6.77921
         504371.98    3634425.90        5.10153                          504421.98
3634425.90        3.33372
         504471.98    3634425.90        2.47596                          504521.98
3634425.90        2.05697
         504571.98    3634425.90        1.82481                          504621.98
3634425.90        1.64188
         504671.98    3634425.90        1.46423                          504721.98
3634425.90        1.30730
         502721.98    3634475.90        1.65660                          502771.98
3634475.90        1.79715
         502821.98    3634475.90        1.95555                          504321.98
3634475.90        6.57379
         504371.98    3634475.90        5.58464                          504421.98
3634475.90        4.36926
         504471.98    3634475.90        3.04941                          504521.98
3634475.90        2.43358
         504571.98    3634475.90        2.12172                          504621.98
3634475.90        1.89011
         504671.98    3634475.90        1.59762                          504721.98
3634475.90        1.37124
         502721.98    3634525.90        1.66875                          502771.98
3634525.90        1.80783
         504371.98    3634525.90        5.49782                          504421.98
3634525.90        4.79419


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504471.98    3634525.90        4.11476                       504521.98
3634525.90        3.42592
         504571.98    3634525.90        2.89894                       504621.98
3634525.90        2.40005
         504671.98    3634525.90        1.87223                       504721.98
3634525.90        1.54857
         502721.98    3634575.90        1.67149                       502771.98
3634575.90        1.81169
         504421.98    3634575.90        4.67424                       504471.98
3634575.90        4.09632
         504521.98    3634575.90        3.68977                       504571.98
3634575.90        3.26866
         504621.98    3634575.90        2.79475                       504671.98
3634575.90        2.28722
         504721.98    3634575.90        1.88138                       502721.98
3634625.90        1.66827
         502771.98    3634625.90        1.80684                       502821.98
3634625.90        1.96662
         502871.98    3634625.90        2.14833                       502921.98
3634625.90        2.35802
         502971.98    3634625.90        2.60333                       503021.98
3634625.90        2.89235
         503071.98    3634625.90        3.23597                       503121.98
3634625.90        3.64915
         504471.98    3634625.90        3.99965                       504521.98
3634625.90        3.54855
         504571.98    3634625.90        3.22832                       504621.98
3634625.90        2.92951
         504671.98    3634625.90        2.66149                       504721.98
3634625.90        2.30336
         502721.98    3634675.90        1.65896                       502771.98
3634675.90        1.79569
         502821.98    3634675.90        1.95146                       502871.98
3634675.90        2.12916
         502921.98    3634675.90        2.33418                       502971.98
3634675.90        2.57210
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         503021.98    3634675.90        2.85169                      503071.98
3634675.90        3.18215
         503121.98    3634675.90        3.57671                      503171.98
3634675.90        4.05051
         503221.98    3634675.90        4.63656                      503271.98
3634675.90        5.37128
         503321.98    3634675.90        6.29779                      503371.98
3634675.90        7.49634
         503421.98    3634675.90        9.07696                      503471.98
3634675.90       11.17887
         503521.98    3634675.90       14.16807                      504521.98
3634675.90        3.45708
         504571.98    3634675.90        3.10141                      504621.98
3634675.90        2.85609
         504671.98    3634675.90        2.60389                      504721.98
3634675.90        2.38729
         502721.98    3634725.90        1.64276                      502771.98
3634725.90        1.77573
         502821.98    3634725.90        1.92632                      502871.98
3634725.90        2.09741
         502921.98    3634725.90        2.29472                      502971.98
3634725.90        2.52263
         503021.98    3634725.90        2.78820                      503071.98
3634725.90        3.10050
         503121.98    3634725.90        3.46932                      503171.98
3634725.90        3.90954
         503221.98    3634725.90        4.44700                      503271.98
3634725.90        5.10676
         503321.98    3634725.90        5.92320                      503371.98
3634725.90        6.95033
         503421.98    3634725.90        8.26262                      503471.98
3634725.90        9.93295
         503521.98    3634725.90       12.14768                      503571.98
3634725.90       15.09415
         503621.98    3634725.90       18.64718                      504571.98
3634725.90        3.01100
         504621.98    3634725.90        2.72241                      504671.98
3634725.90        2.52129
         504721.98    3634725.90        2.32788                      502721.98
3634775.90        1.61947
         502771.98    3634775.90        1.74723                      502821.98
3634775.90        1.89151
         502871.98    3634775.90        2.05472                      502921.98
3634775.90        2.24176
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 2.45723 | 503021.98 | 3634775.90 | 2.70527 |
| 503071.98 | 3634775.90 | 2.99503 | 503121.98 | 3634775.90 | 3.33495 |
| 503171.98 | 3634775.90 | 3.73649 | 503221.98 | 3634775.90 | 4.21923 |
| 503271.98 | 3634775.90 | 4.79957 | 503321.98 | 3634775.90 | 5.50625 |
| 503371.98 | 3634775.90 | 6.37498 | 503421.98 | 3634775.90 | 7.44661 |
| 503471.98 | 3634775.90 | 8.75395 | 503521.98 | 3634775.90 | 10.38537 |
| 503571.98 | 3634775.90 | 12.32681 | 503621.98 | 3634775.90 | 14.48487 |
| 503671.98 | 3634775.90 | 16.63119 | 503721.98 | 3634775.90 | 18.47786 |
| 503771.98 | 3634775.90 | 19.62176 | 503821.98 | 3634775.90 | 19.71555 |
| 504621.98 | 3634775.90 | 2.64029 | 504671.98 | 3634775.90 | 2.40821 |
| 504721.98 | 3634775.90 | 2.25679 | 502721.98 | 3634825.90 | 1.58941 |
| 502771.98 | 3634825.90 | 1.71106 | 502821.98 | 3634825.90 | 1.84797 |
| 502871.98 | 3634825.90 | 2.00276 | 502921.98 | 3634825.90 | 2.17768 |
| 502971.98 | 3634825.90 | 2.37840 | 503021.98 | 3634825.90 | 2.60818 |
| 503071.98 | 3634825.90 | 2.87493 | 503121.98 | 3634825.90 | 3.18329 |
| 503171.98 | 3634825.90 | 3.54612 | 503221.98 | | |

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3634825.90        3.97244
         503271.98    3634825.90        4.47826                     503321.98
3634825.90        5.08133
         503371.98    3634825.90        5.79583                     503421.98
3634825.90        6.64884
         503471.98    3634825.90        7.65769                     503521.98
3634825.90        8.83108
         503571.98    3634825.90       10.14152                     503621.98
3634825.90       11.47325
         503671.98    3634825.90       12.72007                     503721.98
3634825.90       13.71998
         503771.98    3634825.90       14.30585                     503821.98
3634825.90       14.35536
         503871.98    3634825.90       13.87852                     503921.98
3634825.90       12.97354
         504671.98    3634825.90        2.33162                     504721.98
3634825.90        2.15265
         502721.98    3634875.90        1.55392                     502771.98
3634875.90        1.66924
         502821.98    3634875.90        1.79821                     502871.98
3634875.90        1.94348
         502921.98    3634875.90        2.10646                     502971.98
3634875.90        2.29186
         503021.98    3634875.90        2.50291                     503071.98
3634875.90        2.74518
         503121.98    3634875.90        3.02361                     503171.98
3634875.90        3.34762
         503221.98    3634875.90        3.72250                     503271.98
3634875.90        4.15608
         503321.98    3634875.90        4.66157                     503371.98
3634875.90        5.25338
         503421.98    3634875.90        5.93157                     503471.98
3634875.90        6.69094
         503521.98    3634875.90        7.53285                     503571.98
3634875.90        8.41161
         503621.98    3634875.90        9.27779                     503671.98
3634875.90       10.04602
         503721.98    3634875.90       10.62341                     503771.98
3634875.90       10.95251
         503821.98    3634875.90       10.97460                     503871.98
3634875.90       10.99892
         503921.98    3634875.90       10.82096                     504721.98
3634875.90        2.07287
         502721.98    3634925.90        1.51427                     502771.98
3634925.90        1.62293
         502821.98    3634925.90        1.74375                     502871.98
3634925.90        1.87911
         502921.98    3634925.90        2.03035                     502971.98
3634925.90        2.20093
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503121.98 3634975.90 2.70496 503171.98
3634975.90 2.95875
503221.98 3634975.90 3.24306 503271.98
3634975.90 3.56129
503321.98 3634975.90 3.91503 503371.98
3634975.90 4.30237
503421.98 3634975.90 4.71239 503471.98
3634975.90 5.15166
503521.98 3634975.90 5.59222 503571.98
3634975.90 6.02722
503621.98 3634975.90 6.43163 503671.98
3634975.90 6.77091
503721.98 3634975.90 6.91377 503771.98
3634975.90 7.15441
503821.98 3634975.90 7.39241 503871.98
3634975.90 7.02317
502721.98 3635025.90 1.42726 502771.98
3635025.90 1.52224
502821.98 3635025.90 1.62716 502871.98
3635025.90 1.74319
502921.98 3635025.90 1.87226 502971.98
3635025.90 2.01564
503021.98 3635025.90 2.17525 503071.98
3635025.90 2.35285
503121.98 3635025.90 2.55125 503171.98
3635025.90 2.77337
503221.98 3635025.90 3.01770 503271.98
3635025.90 3.28589
503321.98 3635025.90 3.57736 503371.98
3635025.90 3.88852
503421.98 3635025.90 4.21174 503471.98
3635025.90 4.54601
503521.98 3635025.90 4.87596 503571.98
3635025.90 5.19084
503621.98 3635025.90 5.47551 503671.98
3635025.90 5.63577
503721.98 3635025.90 5.87644 503771.98
3635025.90 6.03645
503821.98 3635025.90 6.12904 504371.98
3635025.90 3.15385
502721.98 3635075.90 1.38164 502771.98
3635075.90 1.47018
502821.98 3635075.90 1.56756 502871.98
3635075.90 1.67539
502921.98 3635075.90 1.79371 502971.98
3635075.90 1.92430
503021.98 3635075.90 2.06918 503071.98
3635075.90 2.22822
503121.98 3635075.90 2.40360 503171.98
3635075.90 2.59642

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503221.98 | 3635075.90 | 2.80517 | 503271.98 | 3635075.90 | 3.03045 |
| 503321.98 | 3635075.90 | 3.26992 | 503371.98 | 3635075.90 | 3.52059 |
| 503421.98 | 3635075.90 | 3.77765 | 503471.98 | 3635075.90 | 4.03473 |
| 503521.98 | 3635075.90 | 4.28450 | 503571.98 | 3635075.90 | 4.51898 |
| 503621.98 | 3635075.90 | 4.72738 | 503671.98 | 3635075.90 | 4.82610 |
| 503721.98 | 3635075.90 | 5.02866 | 503771.98 | 3635075.90 | 5.18550 |
| 503821.98 | 3635075.90 | 5.08686 | 504371.98 | 3635075.90 | 2.91895 |
| 504421.98 | 3635075.90 | 2.70678 | 504471.98 | 3635075.90 | 2.51112 |
| 504521.98 | 3635075.90 | 2.33734 | 502721.98 | 3635125.90 | 1.33603 |
| 502771.98 | 3635125.90 | 1.41848 | 502821.98 | 3635125.90 | 1.50872 |
| 502871.98 | 3635125.90 | 1.60806 | 502921.98 | 3635125.90 | 1.71741 |
| 502971.98 | 3635125.90 | 1.83641 | 503021.98 | 3635125.90 | 1.96636 |
| 503071.98 | 3635125.90 | 2.10765 | 503121.98 | | |

3635125.90 2.26157
503171.98 3635125.90 2.42801 503221.98
3635125.90 2.60510
503271.98 3635125.90 2.79434 503321.98
3635125.90 2.99065
503371.98 3635125.90 3.19275 503421.98
3635125.90 3.39808
503471.98 3635125.90 3.59798 503521.98
3635125.90 3.78990
503571.98 3635125.90 3.89622 503621.98
3635125.90 4.07301
503671.98 3635125.90 4.21912 503721.98
3635125.90 4.40524
503771.98 3635125.90 4.49733 503821.98
3635125.90 4.41331
504371.98 3635125.90 2.70450 504421.98
3635125.90 2.52045
504471.98 3635125.90 2.35380 504521.98
3635125.90 2.19867
504571.98 3635125.90 2.05665 502721.98
3635175.90 1.29095
502771.98 3635175.90 1.36740 502821.98
3635175.90 1.45095
502871.98 3635175.90 1.54192 502921.98
3635175.90 1.64233
502971.98 3635175.90 1.75003 503021.98
3635175.90 1.86603
503071.98 3635175.90 1.99144 503121.98
3635175.90 2.12638
503171.98 3635175.90 2.27013 503221.98
3635175.90 2.42060
503271.98 3635175.90 2.57890 503321.98
3635175.90 2.74004
503371.98 3635175.90 2.90424 503421.98
3635175.90 3.07020
503471.98 3635175.90 3.22367 503521.98
3635175.90 3.37531
503571.98 3635175.90 3.45487 503621.98
3635175.90 3.59273
503671.98 3635175.90 3.73765 503721.98
3635175.90 3.88174
503771.98 3635175.90 3.84002 503821.98
3635175.90 3.59462
504371.98 3635175.90 2.50625 504421.98
3635175.90 2.35109
504471.98 3635175.90 2.20660 504521.98
3635175.90 2.07016
504571.98 3635175.90 1.94195 504621.98
3635175.90 1.82883
502721.98 3635225.90 1.24665 502771.98

3635225.90        1.31821
         502821.98    3635225.90        1.39550                      502871.98
3635225.90        1.47887
         502921.98    3635225.90        1.56888                      502971.98
3635225.90        1.66596
         503021.98    3635225.90        1.76992                      503071.98
3635225.90        1.88092
         503121.98    3635225.90        1.99879                      503171.98
3635225.90        2.12271

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503221.98    3635225.90        2.25175                      503271.98
3635225.90        2.38458
         503321.98    3635225.90        2.51916                      503371.98
3635225.90        2.65331
         503421.98    3635225.90        2.78522                      503471.98
3635225.90        2.91170
         503521.98    3635225.90        3.02630                      503571.98
3635225.90        3.09530
         503621.98    3635225.90        3.24022                      503671.98
3635225.90        3.36953
         504371.98    3635225.90        2.32499                      504421.98
3635225.90        2.19525
         504471.98    3635225.90        2.06994                      504521.98
3635225.90        1.95050
         504571.98    3635225.90        1.83672                      504621.98
3635225.90        1.73226

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         502721.98    3635275.90        1.20292                    502771.98
3635275.90        1.26864
         502821.98    3635275.90        1.33959                    502871.98
3635275.90        1.41614
         502921.98    3635275.90        1.49737                    502971.98
3635275.90        1.58464
         503021.98    3635275.90        1.67647                    503071.98
3635275.90        1.77379
         503121.98    3635275.90        1.87594                    503171.98
3635275.90        1.98218
         503221.98    3635275.90        2.09433                    503271.98
3635275.90        2.20536
         503321.98    3635275.90        2.31732                    503371.98
3635275.90        2.42699
         503421.98    3635275.90        2.53533                    503471.98
3635275.90        2.63845
         503521.98    3635275.90        2.73565                    503571.98
3635275.90        2.78479
         503621.98    3635275.90        2.89292                    504371.98
3635275.90        2.15484
         504421.98    3635275.90        2.09779                    504471.98
3635275.90        1.93947
         504521.98    3635275.90        1.83674                    504571.98
3635275.90        1.73797
         504621.98    3635275.90        1.64828                    504671.98
3635275.90        1.55730
         502721.98    3635325.90        1.16017                    502771.98
3635325.90        1.22093
         502821.98    3635325.90        1.28606                    502871.98
3635325.90        1.35549
         502921.98    3635325.90        1.42893                    502971.98
3635325.90        1.50709
         503021.98    3635325.90        1.58857                    503071.98
3635325.90        1.67414
         503121.98    3635325.90        1.76283                    503171.98
3635325.90        1.85416
         503221.98    3635325.90        1.94996                    503271.98
3635325.90        2.04345
         503321.98    3635325.90        2.13660                    503371.98
3635325.90        2.22745
         503421.98    3635325.90        2.31623                    503471.98
3635325.90        2.40091
         503521.98    3635325.90        2.48101                    503571.98
3635325.90        2.54864
         503621.98    3635325.90        2.60376                    504371.98
3635325.90        2.07911
         504421.98    3635325.90        1.96505                    504471.98
3635325.90        1.81924
         504521.98    3635325.90        1.73077                    504571.98
3635325.90        1.64465
```

```
         504621.98    3635325.90        1.56799                       504671.98
3635325.90        1.49921
         504721.98    3635325.90        1.40863                       502721.98
3635375.90        1.10463
         502771.98    3635375.90        1.14061                       502821.98
3635375.90        1.19163
         502871.98    3635375.90        1.24996                       502921.98
3635375.90        1.31856
         502971.98    3635375.90        1.41411                       503021.98
3635375.90        1.46713
         503071.98    3635375.90        1.53562                       503121.98
3635375.90        1.63480
         503171.98    3635375.90        1.72799                       503221.98
3635375.90        1.81790
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 275
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635375.90        1.89707                       503321.98
3635375.90        1.97508
         503371.98    3635375.90        2.05129                       503421.98
3635375.90        2.12536
         503471.98    3635375.90        2.19579                       503521.98
3635375.90        2.26111
         503571.98    3635375.90        2.31686                       503621.98
3635375.90        2.34352
         503671.98    3635375.90        2.43295                       503721.98
3635375.90        2.53650
         504371.98    3635375.90        1.94197                       504421.98
```

3635375.90 1.81307
504471.98 3635375.90 1.70820 504521.98
3635375.90 1.63107
504571.98 3635375.90 1.55586 504621.98
3635375.90 1.50655
504671.98 3635375.90 1.43861 504721.98
3635375.90 1.35986
502721.98 3635425.90 1.05416 502771.98
3635425.90 1.08825
502821.98 3635425.90 1.13667 502871.98
3635425.90 1.19070
502921.98 3635425.90 1.25015 502971.98
3635425.90 1.31547
503021.98 3635425.90 1.38216 503071.98
3635425.90 1.45186
503121.98 3635425.90 1.54075 503171.98
3635425.90 1.61179
503221.98 3635425.90 1.69580 503271.98
3635425.90 1.73383
503321.98 3635425.90 1.79654 503371.98
3635425.90 1.88615
503421.98 3635425.90 1.95558 503471.98
3635425.90 1.99940
503521.98 3635425.90 2.04442 503571.98
3635425.90 2.09858
503621.98 3635425.90 2.14401 503671.98
3635425.90 2.21687
503721.98 3635425.90 2.27701 503771.98
3635425.90 2.32437
503821.98 3635425.90 2.37011 504371.98
3635425.90 1.83460
504421.98 3635425.90 1.75761 504471.98
3635425.90 1.67554
504521.98 3635425.90 1.53738 504571.98
3635425.90 1.47160
504621.98 3635425.90 1.44900 504671.98
3635425.90 1.38022
504721.98 3635425.90 1.31134 502721.98
3635475.90 1.00345
502771.98 3635475.90 1.04316 502821.98
3635475.90 1.09021
502871.98 3635475.90 1.14075 502921.98
3635475.90 1.19782
502971.98 3635475.90 1.25294 503021.98
3635475.90 1.31321
503071.98 3635475.90 1.37900 503121.98
3635475.90 1.45183
503171.98 3635475.90 1.51019 503221.98
3635475.90 1.56213
503271.98 3635475.90 1.61514 503321.98

3635475.90        1.66915
         503371.98    3635475.90        1.72315                      503421.98
3635475.90        1.77782
         503471.98    3635475.90        1.83275                      503521.98
3635475.90        1.88483
         503571.98    3635475.90        1.93330                      503621.98
3635475.90        1.96829
         503671.98    3635475.90        2.00975                      503721.98
3635475.90        2.04313
         503771.98    3635475.90        2.10879                      503821.98
3635475.90        2.13194
         503871.98    3635475.90        2.15375                      503921.98
3635475.90        2.18750
         504371.98    3635475.90        1.62609                      504421.98
3635475.90        1.56734
         504471.98    3635475.90        1.56928                      504521.98
3635475.90        1.45060
         504571.98    3635475.90        1.43293                      504621.98
3635475.90        1.38491


                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502421.98    3632975.90        0.54365                    502471.98
3632975.90        0.55823
         502521.98    3632975.90        0.57309                    502571.98
3632975.90        0.58827
         502621.98    3632975.90        0.60364                    502671.98
3632975.90        0.61917
         502721.98    3632975.90        0.63482                    502771.98
3632975.90        0.65042
         502821.98    3632975.90        0.54020                    502871.98
3632975.90        0.47698
         502921.98    3632975.90        0.48501                    502971.98
3632975.90        0.35718
         503021.98    3632975.90        0.36076                    503071.98
3632975.90        0.41886
         503121.98    3632975.90        0.48455                    503171.98
3632975.90        0.54058
         503221.98    3632975.90        0.57062                    503271.98
3632975.90        0.58003
         503321.98    3632975.90        0.58132                    503371.98
3632975.90        0.58790
         503421.98    3632975.90        0.56972                    503471.98
3632975.90        0.56395
         503621.98    3632975.90        0.52309                    503671.98
3632975.90        0.50576
         503721.98    3632975.90        0.48837                    503771.98
3632975.90        0.46342
         503821.98    3632975.90        0.40525                    503871.98
3632975.90        0.36061
         503921.98    3632975.90        0.34855                    503971.98
3632975.90        0.34861
         504021.98    3632975.90        0.34551                    504071.98
3632975.90        0.34930
         504121.98    3632975.90        0.34522                    504171.98
3632975.90        0.34777
         504221.98    3632975.90        0.34842                    504271.98
3632975.90        0.34926
         504321.98    3632975.90        0.34887                    504371.98
3632975.90        0.34475
         504421.98    3632975.90        0.34223                    504471.98
3632975.90        0.34062
         504521.98    3632975.90        0.34065                    504571.98
3632975.90        0.34082
         504621.98    3632975.90        0.34110                    504671.98
3632975.90        0.34203
         504721.98    3632975.90        0.34338                    504771.98
3632975.90        0.34488
         504821.98    3632975.90        0.34606                    504871.98
3632975.90        0.34837
         504921.98    3632975.90        0.35085                    504971.98
3632975.90        0.35209
```

```
         505021.98    3632975.90        0.35174                       505071.98
3632975.90        0.35100
         505121.98    3632975.90        0.35104                       505171.98
3632975.90        0.35309
         505221.98    3632975.90        0.35691                       502221.98
3633025.90        0.50134
         502271.98    3633025.90        0.51574                       502321.98
3633025.90        0.52999
         502371.98    3633025.90        0.54484                       502421.98
3633025.90        0.56010
         502471.98    3633025.90        0.57562                       502521.98
3633025.90        0.59161
         502571.98    3633025.90        0.60789                       502621.98
3633025.90        0.62439
         502671.98    3633025.90        0.64118                       502721.98
3633025.90        0.65817
         502771.98    3633025.90        0.67521                       502821.98
3633025.90        0.55405
         502871.98    3633025.90        0.52826                       502921.98
3633025.90        0.50349
         502971.98    3633025.90        0.37223                       503021.98
3633025.90        0.39808
         503071.98    3633025.90        0.47871                       503121.98
3633025.90        0.55327
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 277
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503171.98    3633025.90        0.58480                       503221.98
```

3633025.90 0.61900
503271.98 3633025.90 0.62081 503321.98
3633025.90 0.62896
503371.98 3633025.90 0.62041 503421.98
3633025.90 0.58191
503471.98 3633025.90 0.59182 503621.98
3633025.90 0.54034
503671.98 3633025.90 0.52932 503721.98
3633025.90 0.52104
503771.98 3633025.90 0.45913 503821.98
3633025.90 0.40179
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3633025.90 0.35993
503971.98 3633025.90 0.35971 504021.98
3633025.90 0.36022
504071.98 3633025.90 0.36063 504121.98
3633025.90 0.36192
504171.98 3633025.90 0.36406 504221.98
3633025.90 0.36617
504271.98 3633025.90 0.36658 504321.98
3633025.90 0.36591
504371.98 3633025.90 0.36192 504421.98
3633025.90 0.35918
504471.98 3633025.90 0.35785 504521.98
3633025.90 0.35676
504571.98 3633025.90 0.35694 504621.98
3633025.90 0.35797
504671.98 3633025.90 0.35941 504721.98
3633025.90 0.36119
504771.98 3633025.90 0.36380 504821.98
3633025.90 0.36648
504871.98 3633025.90 0.37003 504921.98
3633025.90 0.37226
504971.98 3633025.90 0.37223 505021.98
3633025.90 0.37042
505071.98 3633025.90 0.36916 505121.98
3633025.90 0.36983
505171.98 3633025.90 0.37359 505221.98
3633025.90 0.38088
502221.98 3633075.90 0.51476 502271.98
3633075.90 0.52993
502321.98 3633075.90 0.54516 502371.98
3633075.90 0.56089
502421.98 3633075.90 0.57711 502471.98
3633075.90 0.59363
502521.98 3633075.90 0.61078 502571.98
3633075.90 0.62834
502621.98 3633075.90 0.64614 502671.98
3633075.90 0.66436
502721.98 3633075.90 0.68268 502771.98

3633075.90        0.70133
         502821.98    3633075.90        0.60840                        502871.98
3633075.90        0.58345
         502921.98    3633075.90        0.56108                        502971.98
3633075.90        0.50843
         503021.98    3633075.90        0.53805                        503071.98
3633075.90        0.55893
         503121.98    3633075.90        0.60288                        503171.98
3633075.90        0.63301
         503221.98    3633075.90        0.67690                        503271.98
3633075.90        0.66480
         503321.98    3633075.90        0.66000                        503371.98
3633075.90        0.64797
         503421.98    3633075.90        0.61313                        503471.98
3633075.90        0.62384
         503621.98    3633075.90        0.56080                        503671.98
3633075.90        0.54174
         503721.98    3633075.90        0.53043                        503771.98
3633075.90        0.46588
         503821.98    3633075.90        0.40624                        503871.98
3633075.90        0.37596
         503921.98    3633075.90        0.37572                        503971.98
3633075.90        0.38061
         504021.98    3633075.90        0.37912                        504071.98
3633075.90        0.38021
         504121.98    3633075.90        0.38212                        504171.98
3633075.90        0.38425
         504221.98    3633075.90        0.38589                        504271.98
3633075.90        0.38622

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 0.38635 | 504371.98 | 3633075.90 | 0.38130 |
| 504421.98 | 3633075.90 | 0.37920 | 504471.98 | 3633075.90 | 0.37667 |
| 504521.98 | 3633075.90 | 0.37569 | 504571.98 | 3633075.90 | 0.37636 |
| 504621.98 | 3633075.90 | 0.37760 | 504671.98 | 3633075.90 | 0.37941 |
| 504721.98 | 3633075.90 | 0.38188 | 504771.98 | 3633075.90 | 0.38571 |
| 504821.98 | 3633075.90 | 0.38957 | 504871.98 | 3633075.90 | 0.39333 |
| 504921.98 | 3633075.90 | 0.39635 | 504971.98 | 3633075.90 | 0.39408 |
| 505021.98 | 3633075.90 | 0.39109 | 505071.98 | 3633075.90 | 0.38970 |
| 505121.98 | 3633075.90 | 0.39135 | 505171.98 | 3633075.90 | 0.39686 |
| 505221.98 | 3633075.90 | 0.40431 | 502221.98 | 3633125.90 | 0.52875 |
| 502271.98 | 3633125.90 | 0.54449 | 502321.98 | 3633125.90 | 0.56068 |
| 502371.98 | 3633125.90 | 0.57739 | 502421.98 | 3633125.90 | 0.59470 |
| 502471.98 | 3633125.90 | 0.61243 | 502521.98 | 3633125.90 | 0.63076 |
| 502571.98 | 3633125.90 | 0.64963 | 502621.98 | 3633125.90 | 0.66888 |
| 502671.98 | 3633125.90 | 0.68846 | 502721.98 | 3633125.90 | 0.70847 |
| 502771.98 | 3633125.90 | 0.72856 | 502821.98 | 3633125.90 | 0.74898 |
| 502871.98 | 3633125.90 | 0.64058 | 502921.98 | 3633125.90 | 0.63262 |
| 502971.98 | 3633125.90 | 0.60470 | 503021.98 | 3633125.90 | 0.59729 |
| 503071.98 | 3633125.90 | 0.62705 | 503121.98 | 3633125.90 | 0.65731 |
| 503171.98 | 3633125.90 | 0.69423 | 503221.98 | 3633125.90 | 0.72054 |
| 503271.98 | 3633125.90 | 0.71736 | 503321.98 | 3633125.90 | 0.72226 |
| 503371.98 | 3633125.90 | 0.69002 | 503421.98 | 3633125.90 | 0.64505 |
| 503471.98 | 3633125.90 | 0.65693 | 503621.98 | 3633125.90 | 0.57922 |

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         503671.98    3633125.90        0.54906                       503721.98
3633125.90        0.53700
         503771.98    3633125.90        0.45955                       503821.98
3633125.90        0.41335
         503871.98    3633125.90        0.39355                       503921.98
3633125.90        0.39632
         503971.98    3633125.90        0.40211                       504021.98
3633125.90        0.39814
         504071.98    3633125.90        0.40214                       504121.98
3633125.90        0.40615
         504171.98    3633125.90        0.40851                       504221.98
3633125.90        0.40950
         504271.98    3633125.90        0.40999                       504321.98
3633125.90        0.40818
         504371.98    3633125.90        0.40481                       504421.98
3633125.90        0.40240
         504471.98    3633125.90        0.39893                       504521.98
3633125.90        0.39787
         504571.98    3633125.90        0.39859                       504621.98
3633125.90        0.40035
         504671.98    3633125.90        0.40290                       504721.98
3633125.90        0.40627
         504771.98    3633125.90        0.41055                       504821.98
3633125.90        0.41438
         504871.98    3633125.90        0.41846                       504921.98
3633125.90        0.42405
         504971.98    3633125.90        0.41988                       505021.98
3633125.90        0.41469
         505071.98    3633125.90        0.41282                       505121.98
3633125.90        0.41592
         505171.98    3633125.90        0.42177                       505221.98
3633125.90        0.42937
         502221.98    3633175.90        0.54278                       502271.98
3633175.90        0.55931
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 0.57649 | 502371.98 | 3633175.90 | 0.59455 |
| 502421.98 | 3633175.90 | 0.61307 | 502471.98 | 3633175.90 | 0.63199 |
| 502521.98 | 3633175.90 | 0.65162 | 502571.98 | 3633175.90 | 0.67175 |
| 502621.98 | 3633175.90 | 0.69242 | 502671.98 | 3633175.90 | 0.71353 |
| 502721.98 | 3633175.90 | 0.73483 | 502771.98 | 3633175.90 | 0.66480 |
| 502821.98 | 3633175.90 | 0.65689 | 502871.98 | 3633175.90 | 0.69981 |
| 502921.98 | 3633175.90 | 0.69130 | 502971.98 | 3633175.90 | 0.70362 |
| 503021.98 | 3633175.90 | 0.69512 | 503071.98 | 3633175.90 | 0.72006 |
| 503121.98 | 3633175.90 | 0.72366 | 503171.98 | 3633175.90 | 0.76517 |
| 503221.98 | 3633175.90 | 0.75377 | 503271.98 | 3633175.90 | 0.74840 |
| 503321.98 | 3633175.90 | 0.75790 | 503371.98 | 3633175.90 | 0.72172 |
| 503421.98 | 3633175.90 | 0.68747 | 503471.98 | 3633175.90 | 0.68567 |
| 503621.98 | 3633175.90 | 0.57686 | 503671.98 | 3633175.90 | 0.56995 |
| 503721.98 | 3633175.90 | 0.52605 | 503771.98 | 3633175.90 | 0.45767 |
| 503821.98 | 3633175.90 | 0.42300 | 503871.98 | 3633175.90 | 0.41203 |
| 503921.98 | 3633175.90 | 0.42021 | 503971.98 | 3633175.90 | 0.42632 |
| 504021.98 | 3633175.90 | 0.42241 | 504071.98 | 3633175.90 | 0.42766 |
| 504121.98 | 3633175.90 | 0.43368 | 504171.98 | 3633175.90 | 0.43926 |
| 504221.98 | 3633175.90 | 0.43852 | 504271.98 | 3633175.90 | 0.43688 |
| 504321.98 | 3633175.90 | 0.43422 | 504371.98 | 3633175.90 | 0.43522 |
| 504421.98 | 3633175.90 | 0.42891 | 504471.98 | | |

3633175.90        0.42406
         504521.98    3633175.90        0.42277                        504571.98
3633175.90        0.42374
         504621.98    3633175.90        0.42648                        504671.98
3633175.90        0.43059
         504721.98    3633175.90        0.43490                        504771.98
3633175.90        0.43899
         504821.98    3633175.90        0.44167                        504871.98
3633175.90        0.44578
         504921.98    3633175.90        0.45403                        504971.98
3633175.90        0.44583
         505021.98    3633175.90        0.43999                        505071.98
3633175.90        0.44010
         505121.98    3633175.90        0.44352                        505171.98
3633175.90        0.44760
         505221.98    3633175.90        0.45191                        502221.98
3633225.90        0.55721
         502271.98    3633225.90        0.57486                        502321.98
3633225.90        0.59305
         502371.98    3633225.90        0.61227                        502421.98
3633225.90        0.63192
         502471.98    3633225.90        0.65206                        502521.98
3633225.90        0.67315
         502571.98    3633225.90        0.69482                        502621.98
3633225.90        0.71705
         502671.98    3633225.90        0.73990                        502721.98
3633225.90        0.76293
         502771.98    3633225.90        0.78700                        502821.98
3633225.90        0.70293
         502871.98    3633225.90        0.71631                        502921.98
3633225.90        0.74188
         502971.98    3633225.90        0.76595                        503021.98
3633225.90        0.77163
         503071.98    3633225.90        0.79410                        503121.98
3633225.90        0.82195
         503171.98    3633225.90        0.82227                        503221.98
3633225.90        0.80782
         503271.98    3633225.90        0.80077                        503321.98
3633225.90        0.78500

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503371.98    3633225.90        0.74028                       503421.98
3633225.90        0.72749
         503471.98    3633225.90        0.70757                       503621.98
3633225.90        0.60982
         503671.98    3633225.90        0.58425                       503721.98
3633225.90        0.52840
         503771.98    3633225.90        0.47763                       503821.98
3633225.90        0.43980
         503871.98    3633225.90        0.43854                       503921.98
3633225.90        0.44510
         503971.98    3633225.90        0.45345                       504021.98
3633225.90        0.45639
         504071.98    3633225.90        0.46265                       504121.98
3633225.90        0.47037
         504171.98    3633225.90        0.47452                       504221.98
3633225.90        0.46586
         504271.98    3633225.90        0.46410                       504321.98
3633225.90        0.46752
         504371.98    3633225.90        0.46905                       504421.98
3633225.90        0.45910
         504471.98    3633225.90        0.45358                       504521.98
3633225.90        0.45174
         504571.98    3633225.90        0.45305                       504621.98
3633225.90        0.45706
         504671.98    3633225.90        0.46398                       504721.98
3633225.90        0.46938
         504771.98    3633225.90        0.47135                       504821.98
3633225.90        0.47562
         504871.98    3633225.90        0.47792                       504921.98
3633225.90        0.48551
         504971.98    3633225.90        0.47769                       505021.98
3633225.90        0.47242
         505071.98    3633225.90        0.47330                       505121.98
3633225.90        0.47371
         505171.98    3633225.90        0.47158                       505221.98
3633225.90        0.47270
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         502221.98    3633275.90        0.57186                      502271.98
3633275.90        0.59054
         502321.98    3633275.90        0.61013                      502371.98
3633275.90        0.63039
         502421.98    3633275.90        0.65129                      502471.98
3633275.90        0.67300
         502521.98    3633275.90        0.69548                      502571.98
3633275.90        0.71873
         502621.98    3633275.90        0.74268                      502671.98
3633275.90        0.76742
         502721.98    3633275.90        0.79286                      502771.98
3633275.90        0.81861
         502821.98    3633275.90        0.67400                      502871.98
3633275.90        0.74635
         502921.98    3633275.90        0.79085                      502971.98
3633275.90        0.81601
         503021.98    3633275.90        0.82006                      503071.98
3633275.90        0.85446
         503121.98    3633275.90        0.89418                      503171.98
3633275.90        0.90222
         503221.98    3633275.90        0.88455                      503271.98
3633275.90        0.82727
         503321.98    3633275.90        0.82744                      503371.98
3633275.90        0.78778
         503421.98    3633275.90        0.76153                      503471.98
3633275.90        0.59822
         503621.98    3633275.90        0.61180                      503671.98
3633275.90        0.58955
         503721.98    3633275.90        0.53078                      503771.98
3633275.90        0.48742
         503821.98    3633275.90        0.45972                      503871.98
3633275.90        0.46556
         503921.98    3633275.90        0.47944                      503971.98
3633275.90        0.50178
         504021.98    3633275.90        0.50516                      504071.98
3633275.90        0.50514
         504121.98    3633275.90        0.51629                      504171.98
3633275.90        0.50986
         504221.98    3633275.90        0.49999                      504271.98
3633275.90        0.49827
         504321.98    3633275.90        0.50670                      504371.98
3633275.90        0.51409
         504421.98    3633275.90        0.49957                      504471.98
3633275.90        0.48958
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 0.48587 | 504571.98 | 3633275.90 | 0.48777 |
| 504621.98 | 3633275.90 | 0.49446 | 504671.98 | 3633275.90 | 0.50434 |
| 504721.98 | 3633275.90 | 0.50735 | 504771.98 | 3633275.90 | 0.50260 |
| 504821.98 | 3633275.90 | 0.50723 | 504871.98 | 3633275.90 | 0.51470 |
| 504921.98 | 3633275.90 | 0.52404 | 504971.98 | 3633275.90 | 0.51810 |
| 505021.98 | 3633275.90 | 0.51298 | 505071.98 | 3633275.90 | 0.51261 |
| 505121.98 | 3633275.90 | 0.50760 | 505171.98 | 3633275.90 | 0.49800 |
| 505221.98 | 3633275.90 | 0.49683 | 502221.98 | 3633325.90 | 0.58687 |
| 502271.98 | 3633325.90 | 0.60673 | 502321.98 | 3633325.90 | 0.62744 |
| 502371.98 | 3633325.90 | 0.64892 | 502421.98 | 3633325.90 | 0.67126 |
| 502471.98 | 3633325.90 | 0.69437 | 502521.98 | 3633325.90 | 0.71860 |
| 502571.98 | 3633325.90 | 0.74359 | 502621.98 | 3633325.90 | 0.76943 |
| 502671.98 | 3633325.90 | 0.79619 | 502721.98 | 3633325.90 | 0.82380 |
| 502771.98 | 3633325.90 | 0.77285 | 502821.98 | 3633325.90 | 0.76348 |
| 502871.98 | 3633325.90 | 0.91144 | 502921.98 | 3633325.90 | 0.94208 |
| 502971.98 | 3633325.90 | 0.92883 | 503021.98 | | |

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3633325.90        0.88490
         503071.98    3633325.90        0.98951                    503121.98
3633325.90        1.06775
         503171.98    3633325.90        1.09871                    503221.98
3633325.90        0.99292
         503271.98    3633325.90        0.86806                    503321.98
3633325.90        0.86479
         503371.98    3633325.90        0.82094                    503421.98
3633325.90        0.70047
         503471.98    3633325.90        0.56795                    503621.98
3633325.90        0.61407
         503671.98    3633325.90        0.59070                    503721.98
3633325.90        0.52841
         503771.98    3633325.90        0.50981                    503821.98
3633325.90        0.49398
         503871.98    3633325.90        0.49891                    503921.98
3633325.90        0.53061
         503971.98    3633325.90        0.56838                    504021.98
3633325.90        0.56516
         504071.98    3633325.90        0.55703                    504121.98
3633325.90        0.57443
         504171.98    3633325.90        0.55183                    504221.98
3633325.90        0.53758
         504271.98    3633325.90        0.54176                    504321.98
3633325.90        0.56151
         504371.98    3633325.90        0.56951                    504421.98
3633325.90        0.54767
         504471.98    3633325.90        0.53237                    504521.98
3633325.90        0.52600
         504571.98    3633325.90        0.53000                    504621.98
3633325.90        0.53964
         504671.98    3633325.90        0.55190                    504721.98
3633325.90        0.54987
         504771.98    3633325.90        0.54038                    504821.98
3633325.90        0.54179
         504871.98    3633325.90        0.55896                    504921.98
3633325.90        0.57138
         504971.98    3633325.90        0.56594                    505021.98
3633325.90        0.56078
         505071.98    3633325.90        0.55755                    505121.98
3633325.90        0.53987
         505171.98    3633325.90        0.52749                    505221.98
3633325.90        0.52735
         502221.98    3633375.90        0.60229                    502271.98
3633375.90        0.62322
         502321.98    3633375.90        0.64506                    502371.98
3633375.90        0.66786
         502421.98    3633375.90        0.69169                    502471.98
3633375.90        0.71652
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503921.98 3633375.90 0.60040 503971.98
3633375.90 0.64822
504021.98 3633375.90 0.63241 504071.98
3633375.90 0.61811
504121.98 3633375.90 0.64055 504171.98
3633375.90 0.59799
504221.98 3633375.90 0.59061 504271.98
3633375.90 0.60724
504321.98 3633375.90 0.63319 504371.98
3633375.90 0.63865
504421.98 3633375.90 0.60299 504471.98
3633375.90 0.57983
504521.98 3633375.90 0.57169 504571.98
3633375.90 0.58069
504621.98 3633375.90 0.59330 504671.98
3633375.90 0.60851
504721.98 3633375.90 0.59709 504771.98
3633375.90 0.58382
504821.98 3633375.90 0.58941 504871.98
3633375.90 0.61874
504921.98 3633375.90 0.62553 504971.98
3633375.90 0.62105
505021.98 3633375.90 0.61188 505071.98
3633375.90 0.59211
505121.98 3633375.90 0.57134 505171.98
3633375.90 0.56023
505221.98 3633375.90 0.56278 502221.98
3633425.90 0.61754
502271.98 3633425.90 0.63957 502321.98
3633425.90 0.66259
502371.98 3633425.90 0.68686 502421.98
3633425.90 0.71240
502471.98 3633425.90 0.73946 502521.98
3633425.90 0.76714
502571.98 3633425.90 0.79604 502621.98
3633425.90 0.82614
502671.98 3633425.90 0.85759 502721.98
3633425.90 0.89027
502771.98 3633425.90 0.92415 502821.98
3633425.90 0.95932
502871.98 3633425.90 0.99560 502921.98
3633425.90 1.03274
502971.98 3633425.90 1.07097 503021.98
3633425.90 1.11011
503071.98 3633425.90 1.14955 503121.98
3633425.90 1.18969
503171.98 3633425.90 1.22909 503221.98
3633425.90 1.26790
503271.98 3633425.90 1.23238 503321.98
3633425.90 1.08024

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3633425.90 0.66310
504771.98 3633425.90 0.64902 504821.98
3633425.90 0.64697
504871.98 3633425.90 0.68244 504921.98
3633425.90 0.67936
504971.98 3633425.90 0.66672 505021.98
3633425.90 0.63693
505071.98 3633425.90 0.61677 505121.98
3633425.90 0.60350
505171.98 3633425.90 0.59636 505221.98
3633425.90 0.60138
502221.98 3633475.90 0.63303 502271.98
3633475.90 0.65628
502321.98 3633475.90 0.68078 502371.98
3633475.90 0.70661
502421.98 3633475.90 0.73386 502471.98
3633475.90 0.76283
502521.98 3633475.90 0.79241 502571.98
3633475.90 0.82354
502621.98 3633475.90 0.85614 502671.98
3633475.90 0.89018
504771.98 3633475.90 0.74684 504821.98
3633475.90 0.75071
504871.98 3633475.90 0.74819 504921.98
3633475.90 0.74259
504971.98 3633475.90 0.71332 505021.98
3633475.90 0.67456
505071.98 3633475.90 0.65478 505121.98
3633475.90 0.64209
505171.98 3633475.90 0.63246 505221.98
3633475.90 0.63371
502221.98 3633525.90 0.64892 502271.98
3633525.90 0.67349
502321.98 3633525.90 0.69936 502371.98
3633525.90 0.72708
502421.98 3633525.90 0.75623 502471.98
3633525.90 0.78670
502521.98 3633525.90 0.81830 502571.98
3633525.90 0.85117
502621.98 3633525.90 0.88656 502671.98
3633525.90 0.92353
504771.98 3633525.90 0.81118 504821.98
3633525.90 0.80449
504871.98 3633525.90 0.79820 504921.98
3633525.90 0.79112
504971.98 3633525.90 0.78108 505021.98
3633525.90 0.74377
505071.98 3633525.90 0.70658 505121.98
3633525.90 0.68128
505171.98 3633525.90 0.66863 505221.98

3633525.90        0.66352
         502221.98    3633575.90        0.66534                        502271.98
3633575.90        0.69062
         502321.98    3633575.90        0.71799                        502371.98
3633575.90        0.74750
         502421.98    3633575.90        0.77835                        502471.98
3633575.90        0.81056
         502521.98    3633575.90        0.84440                        502571.98
3633575.90        0.88017

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633575.90        0.91808                        502671.98
3633575.90        0.95802
         504771.98    3633575.90        0.87211                        504821.98
3633575.90        0.86527
         504871.98    3633575.90        0.85762                        504921.98
3633575.90        0.84024
         504971.98    3633575.90        0.83633                        505021.98
3633575.90        0.81347
         505071.98    3633575.90        0.76694                        505121.98
3633575.90        0.72659
         505171.98    3633575.90        0.70688                        505221.98
3633575.90        0.70214
         502221.98    3633625.90        0.68098                        502271.98
3633625.90        0.70761
         502321.98    3633625.90        0.73698                        502371.98
3633625.90        0.76800

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         502421.98    3633625.90        0.80098                    502471.98
3633625.90        0.83499
         502521.98    3633625.90        0.87192                    502571.98
3633625.90        0.91049
         502621.98    3633625.90        0.95132                    502671.98
3633625.90        0.99424
         504771.98    3633625.90        0.93633                    504821.98
3633625.90        0.94926
         504871.98    3633625.90        0.92305                    504921.98
3633625.90        0.90499
         504971.98    3633625.90        0.89773                    505021.98
3633625.90        0.87423
         505071.98    3633625.90        0.81839                    505121.98
3633625.90        0.77387
         505171.98    3633625.90        0.74547                    505221.98
3633625.90        0.73992
         502221.98    3633675.90        0.69670                    502271.98
3633675.90        0.72449
         502321.98    3633675.90        0.75552                    502371.98
3633675.90        0.78806
         502421.98    3633675.90        0.82339                    502471.98
3633675.90        0.86017
         502521.98    3633675.90        0.89944                    502571.98
3633675.90        0.94083
         502621.98    3633675.90        0.98469                    502671.98
3633675.90        1.03110
         504771.98    3633675.90        1.03166                    504821.98
3633675.90        1.02521
         504871.98    3633675.90        1.01116                    504921.98
3633675.90        0.99224
         504971.98    3633675.90        0.96697                    505021.98
3633675.90        0.93070
         505071.98    3633675.90        0.86460                    505121.98
3633675.90        0.80804
         505171.98    3633675.90        0.77962                    505221.98
3633675.90        0.77163
         502221.98    3633725.90        0.71185                    502271.98
3633725.90        0.74123
         502321.98    3633725.90        0.77424                    502371.98
3633725.90        0.80894
         502421.98    3633725.90        0.84592                    502471.98
3633725.90        0.88523
         502521.98    3633725.90        0.92708                    502571.98
3633725.90        0.97156
         502621.98    3633725.90        1.01883                    502671.98
3633725.90        1.06893
         504771.98    3633725.90        1.17305                    504821.98
3633725.90        1.12406
         504871.98    3633725.90        1.10428                    504921.98
3633725.90        1.06646
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         504971.98    3633725.90        1.02311                       505021.98
3633725.90        0.96773
         505071.98    3633725.90        0.89233                       505121.98
3633725.90        0.83717
         505171.98    3633725.90        0.81552                       505221.98
3633725.90        0.79815
         502221.98    3633775.90        0.72703                       502271.98
3633775.90        0.75793
         502321.98    3633775.90        0.79337                       502371.98
3633775.90        0.82974
         502421.98    3633775.90        0.86901                       502471.98
3633775.90        0.91017
         502521.98    3633775.90        0.95486                       502571.98
3633775.90        1.00253
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 285
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633775.90        1.05314                       502671.98
3633775.90        1.10725
         504771.98    3633775.90        1.32468                       504821.98
3633775.90        1.26881
         504871.98    3633775.90        1.19485                       504921.98
3633775.90        1.11341
         504971.98    3633775.90        1.06300                       505021.98
3633775.90        0.99578
         505071.98    3633775.90        0.92999                       505121.98
3633775.90        0.87251
         505171.98    3633775.90        0.83881                       505221.98
```

3633775.90 0.81337
502221.98 3633825.90 0.74267 502271.98
3633825.90 0.77495
502321.98 3633825.90 0.81150 502371.98
3633825.90 0.85016
502421.98 3633825.90 0.89127 502471.98
3633825.90 0.93513
502521.98 3633825.90 0.98252 502571.98
3633825.90 1.03350
502621.98 3633825.90 1.08813 502671.98
3633825.90 1.14635
504771.98 3633825.90 1.45794 504821.98
3633825.90 1.36329
504871.98 3633825.90 1.21270 504921.98
3633825.90 1.12615
504971.98 3633825.90 1.07159 505021.98
3633825.90 1.02223
505071.98 3633825.90 0.95574 505121.98
3633825.90 0.88684
505171.98 3633825.90 0.84701 505221.98
3633825.90 0.81700
502221.98 3633875.90 0.75709 502271.98
3633875.90 0.79126
502321.98 3633875.90 0.82989 502371.98
3633875.90 0.86973
502421.98 3633875.90 0.91330 502471.98
3633875.90 0.95933
502521.98 3633875.90 1.00998 502571.98
3633875.90 1.06448
502621.98 3633875.90 1.12291 502671.98
3633875.90 1.18546
504771.98 3633875.90 1.55433 504821.98
3633875.90 1.39179
504871.98 3633875.90 1.24307 504921.98
3633875.90 1.15854
504971.98 3633875.90 1.08600 505021.98
3633875.90 1.01632
505071.98 3633875.90 0.96032 505121.98
3633875.90 0.89341
505171.98 3633875.90 0.85226 505221.98
3633875.90 0.82032
502221.98 3633925.90 0.77135 502271.98
3633925.90 0.80757
502321.98 3633925.90 0.84734 502371.98
3633925.90 0.88888
502421.98 3633925.90 0.93528 502471.98
3633925.90 0.98398
502521.98 3633925.90 1.03728 502571.98
3633925.90 1.09491
502621.98 3633925.90 1.15723 502671.98

3633925.90        1.22428
         504771.98    3633925.90        1.60149                        504821.98
3633925.90        1.43561
         504871.98    3633925.90        1.30840                        504921.98
3633925.90        1.18035
         504971.98    3633925.90        1.07796                        505021.98
3633925.90        1.00877
         505071.98    3633925.90        0.94939                        505121.98
3633925.90        0.89996
         505171.98    3633925.90        0.86700                        505221.98
3633925.90        0.83800
         502221.98    3633975.90        0.78547                        502271.98
3633975.90        0.82222
         502321.98    3633975.90        0.86352                        502371.98
3633975.90        0.90836
         502421.98    3633975.90        0.95642                        502471.98
3633975.90        1.00801
         502521.98    3633975.90        1.06427                        502571.98
3633975.90        1.12493

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633975.90        1.19120                        502671.98
3633975.90        1.26264
         504771.98    3633975.90        1.60057                        504821.98
3633975.90        1.46753
         504871.98    3633975.90        1.34922                        504921.98
3633975.90        1.20960

504971.98 3633975.90 1.07571 505021.98
3633975.90 0.99920
505071.98 3633975.90 0.94562 505121.98
3633975.90 0.92154
505171.98 3633975.90 0.89464 505221.98
3633975.90 0.86443
502221.98 3634025.90 0.79890 502271.98
3634025.90 0.83684
502321.98 3634025.90 0.87959 502371.98
3634025.90 0.92634
502421.98 3634025.90 0.97643 502471.98
3634025.90 1.03065
502521.98 3634025.90 1.08964 502571.98
3634025.90 1.15393
502621.98 3634025.90 1.22432 502671.98
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3634025.90 1.48044
504871.98 3634025.90 1.32541 504921.98
3634025.90 1.19286
504971.98 3634025.90 1.07433 505021.98
3634025.90 1.01091
505071.98 3634025.90 0.96624 505121.98
3634025.90 0.94728
505171.98 3634025.90 0.92269 505221.98
3634025.90 0.88471
502221.98 3634075.90 0.81052 502271.98
3634075.90 0.85058
502321.98 3634075.90 0.89474 502371.98
3634075.90 0.94253
502421.98 3634075.90 0.99421 502471.98
3634075.90 1.05099
502521.98 3634075.90 1.11336 502571.98
3634075.90 1.18203
502621.98 3634075.90 1.25607 502671.98
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3634075.90 1.46017
504871.98 3634075.90 1.29975 504921.98
3634075.90 1.19178
504971.98 3634075.90 1.09993 505021.98
3634075.90 1.03443
505071.98 3634075.90 0.98705 505121.98
3634075.90 0.95623
505171.98 3634075.90 0.92769 505221.98
3634075.90 0.88455
502221.98 3634125.90 0.82079 502271.98
3634125.90 0.86373
502321.98 3634125.90 0.90904 502371.98
3634125.90 0.95919

```
         502421.98    3634125.90        1.01297                        502471.98
3634125.90        1.07170
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3634125.90        1.20642
         502621.98    3634125.90        1.28613                        502671.98
3634125.90        1.37324
         504771.98    3634125.90        1.52528                        504821.98
3634125.90        1.42206
         504871.98    3634125.90        1.31304                        504921.98
3634125.90        1.18884
         504971.98    3634125.90        1.11076                        505021.98
3634125.90        1.03466
         505071.98    3634125.90        0.98157                        505121.98
3634125.90        0.94446
         505171.98    3634125.90        0.90434                        505221.98
3634125.90        0.85858
         502221.98    3634175.90        0.82906                        502271.98
3634175.90        0.87300
         502321.98    3634175.90        0.91960                        502371.98
3634175.90        0.97542
         502421.98    3634175.90        1.03117                        502471.98
3634175.90        1.09203
         502521.98    3634175.90        1.15829                        502571.98
3634175.90        1.23174
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 287
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634175.90        1.31278                        502671.98
```

3634175.90 1.40374
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3634175.90 1.36844
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3634175.90 1.16445
504971.98 3634175.90 1.07477 505021.98
3634175.90 1.00133
505071.98 3634175.90 0.92768 505121.98
3634175.90 0.89765
505171.98 3634175.90 0.85881 505221.98
3634175.90 0.82666
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3634225.90 0.98945
502421.98 3634225.90 1.04757 502471.98
3634225.90 1.11065
502521.98 3634225.90 1.17914 502571.98
3634225.90 1.25567
502621.98 3634225.90 1.33980 502671.98
3634225.90 1.43386
504771.98 3634225.90 1.41264 504821.98
3634225.90 1.28098
504871.98 3634225.90 1.18446 504921.98
3634225.90 1.08658
504971.98 3634225.90 1.02374 505021.98
3634225.90 0.94321
505071.98 3634225.90 0.87393 505121.98
3634225.90 0.84290
505171.98 3634225.90 0.79217 505221.98
3634225.90 0.78599
502221.98 3634275.90 0.84800 502271.98
3634275.90 0.89312
502321.98 3634275.90 0.94416 502371.98
3634275.90 1.00184
502421.98 3634275.90 1.06143 502471.98
3634275.90 1.12635
502521.98 3634275.90 1.19795 502571.98
3634275.90 1.27673
502621.98 3634275.90 1.36479 502671.98
3634275.90 1.46264
504771.98 3634275.90 1.29687 504821.98
3634275.90 1.18039
504871.98 3634275.90 1.09279 504921.98
3634275.90 1.02568
504971.98 3634275.90 0.99128 505021.98
3634275.90 0.90494
505071.98 3634275.90 0.84743 505121.98
3634275.90 0.82516
505171.98 3634275.90 0.76466 505221.98

3634275.90        0.76481
         502221.98    3634325.90        0.85649                         502271.98
3634325.90        0.90332
         502321.98    3634325.90        0.95391                         502371.98
3634325.90        1.00927
         502421.98    3634325.90        1.06970                         502471.98
3634325.90        1.13565
         502521.98    3634325.90        1.20877                         502571.98
3634325.90        1.28953
         502621.98    3634325.90        1.37917                         502671.98
3634325.90        1.48006
         504771.98    3634325.90        1.21728                         504821.98
3634325.90        1.14447
         504871.98    3634325.90        1.07751                         504921.98
3634325.90        1.03454
         504971.98    3634325.90        0.99492                         505021.98
3634325.90        0.89934
         505071.98    3634325.90        0.84667                         505121.98
3634325.90        0.83831
         505171.98    3634325.90        0.77827                         505221.98
3634325.90        0.75366
         502221.98    3634375.90        0.86468                         502271.98
3634375.90        0.91225
         502321.98    3634375.90        0.96233                         502371.98
3634375.90        1.01733
         502421.98    3634375.90        1.08070                         502471.98
3634375.90        1.15030
         502521.98    3634375.90        1.22775                         502571.98
3634375.90        1.31121

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 1.40112 | 502671.98 | 3634375.90 | 1.49887 |
| 504771.98 | 3634375.90 | 1.21380 | 504821.98 | 3634375.90 | 1.17699 |
| 504871.98 | 3634375.90 | 1.11428 | 504921.98 | 3634375.90 | 1.07437 |
| 504971.98 | 3634375.90 | 1.00896 | 505021.98 | 3634375.90 | 0.90725 |
| 505071.98 | 3634375.90 | 0.85993 | 505121.98 | 3634375.90 | 0.85852 |
| 505171.98 | 3634375.90 | 0.79934 | 505221.98 | 3634375.90 | 0.75336 |
| 502221.98 | 3634425.90 | 0.87245 | 502271.98 | 3634425.90 | 0.92085 |
| 502321.98 | 3634425.90 | 0.97310 | 502371.98 | 3634425.90 | 1.03029 |
| 502421.98 | 3634425.90 | 1.09336 | 502471.98 | 3634425.90 | 1.16219 |
| 502521.98 | 3634425.90 | 1.23907 | 502571.98 | 3634425.90 | 1.32396 |
| 502621.98 | 3634425.90 | 1.41871 | 502671.98 | 3634425.90 | 1.52442 |
| 504771.98 | 3634425.90 | 1.21453 | 504821.98 | 3634425.90 | 1.17287 |
| 504871.98 | 3634425.90 | 1.16643 | 504921.98 | 3634425.90 | 1.15128 |
| 504971.98 | 3634425.90 | 1.02707 | 505021.98 | 3634425.90 | 0.95310 |
| 505071.98 | 3634425.90 | 0.92353 | 505121.98 | 3634425.90 | 0.88695 |
| 505171.98 | 3634425.90 | 0.82116 | 505221.98 | 3634425.90 | 0.76517 |
| 502221.98 | 3634475.90 | 0.87670 | 502271.98 | 3634475.90 | 0.92532 |
| 502321.98 | 3634475.90 | 0.97823 | 502371.98 | 3634475.90 | 1.03615 |
| 502421.98 | 3634475.90 | 1.09973 | 502471.98 | 3634475.90 | 1.16955 |
| 502521.98 | 3634475.90 | 1.24748 | 502571.98 | 3634475.90 | 1.33364 |
| 502621.98 | 3634475.90 | 1.42968 | 502671.98 | 3634475.90 | 1.53740 |
| 504771.98 | 3634475.90 | 1.22521 | 504821.98 | 3634475.90 | 1.15544 |
| 504871.98 | 3634475.90 | 1.16030 | 504921.98 | 3634475.90 | 1.24261 |

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         504971.98    3634475.90        1.13052                        505021.98
3634475.90        1.05500
         505071.98    3634475.90        1.00873                        505121.98
3634475.90        0.93698
         505171.98    3634475.90        0.86108                        505221.98
3634475.90        0.79707
         502221.98    3634525.90        0.87969                        502271.98
3634525.90        0.92829
         502321.98    3634525.90        0.98147                        502371.98
3634525.90        1.03984
         502421.98    3634525.90        1.10376                        502471.98
3634525.90        1.17437
         502521.98    3634525.90        1.25238                        502571.98
3634525.90        1.33944
         502621.98    3634525.90        1.43651                        502671.98
3634525.90        1.54635
         504771.98    3634525.90        1.33713                        504821.98
3634525.90        1.22720
         504871.98    3634525.90        1.22737                        504921.98
3634525.90        1.34433
         504971.98    3634525.90        1.32902                        505021.98
3634525.90        1.21504
         505071.98    3634525.90        1.11781                        505121.98
3634525.90        1.00413
         505171.98    3634525.90        0.90247                        505221.98
3634525.90        0.81974
         502221.98    3634575.90        0.88186                        502271.98
3634575.90        0.92978
         502321.98    3634575.90        0.98283                        502371.98
3634575.90        1.04121
         502421.98    3634575.90        1.10542                        502471.98
3634575.90        1.17632
         502521.98    3634575.90        1.25456                        502571.98
3634575.90        1.34168
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 1.43902 | 502671.98 | 3634575.90 | 1.54886 |
| 504771.98 | 3634575.90 | 1.60481 | 504821.98 | 3634575.90 | 1.45263 |
| 504871.98 | 3634575.90 | 1.47519 | 504921.98 | 3634575.90 | 1.57179 |
| 504971.98 | 3634575.90 | 1.45595 | 505021.98 | 3634575.90 | 1.28181 |
| 505071.98 | 3634575.90 | 1.15515 | 505121.98 | 3634575.90 | 1.04550 |
| 505171.98 | 3634575.90 | 0.89350 | 505221.98 | 3634575.90 | 0.81919 |
| 502221.98 | 3634625.90 | 0.88192 | 502271.98 | 3634625.90 | 0.93043 |
| 502321.98 | 3634625.90 | 0.98239 | 502371.98 | 3634625.90 | 1.04050 |
| 502421.98 | 3634625.90 | 1.10439 | 502471.98 | 3634625.90 | 1.17502 |
| 502521.98 | 3634625.90 | 1.25396 | 502571.98 | 3634625.90 | 1.34068 |
| 502621.98 | 3634625.90 | 1.43761 | 502671.98 | 3634625.90 | 1.54603 |
| 504771.98 | 3634625.90 | 2.01578 | 504821.98 | 3634625.90 | 1.95963 |
| 504871.98 | 3634625.90 | 1.81419 | 504921.98 | 3634625.90 | 1.67032 |
| 504971.98 | 3634625.90 | 1.48697 | 505021.98 | 3634625.90 | 1.30722 |
| 505071.98 | 3634625.90 | 1.15023 | 505121.98 | 3634625.90 | 1.04514 |
| 505171.98 | 3634625.90 | 0.88193 | 505221.98 | 3634625.90 | 0.80655 |
| 502221.98 | 3634675.90 | 0.87989 | 502271.98 | 3634675.90 | 0.92886 |
| 502321.98 | 3634675.90 | 0.98181 | 502371.98 | 3634675.90 | 1.03938 |
| 502421.98 | 3634675.90 | 1.10291 | 502471.98 | 3634675.90 | 1.17285 |
| 502521.98 | 3634675.90 | 1.25010 | 502571.98 | 3634675.90 | 1.33609 |
| 502621.98 | 3634675.90 | 1.43181 | 502671.98 | | |

3634675.90        1.53845
         504771.98    3634675.90        2.19798                        504821.98
3634675.90        2.02828
         504871.98    3634675.90        1.82092                        504921.98
3634675.90        1.68612
         504971.98    3634675.90        1.54353                        505021.98
3634675.90        1.32544
         505071.98    3634675.90        1.12616                        505121.98
3634675.90        1.03271
         505171.98    3634675.90        0.89911                        505221.98
3634675.90        0.81491
         502221.98    3634725.90        0.87669                        502271.98
3634725.90        0.92492
         502321.98    3634725.90        0.97650                        502371.98
3634725.90        1.03357
         502421.98    3634725.90        1.09698                        502471.98
3634725.90        1.16608
         502521.98    3634725.90        1.24190                        502571.98
3634725.90        1.32658
         502621.98    3634725.90        1.42034                        502671.98
3634725.90        1.52544
         504771.98    3634725.90        2.15068                        504821.98
3634725.90        1.99673
         504871.98    3634725.90        1.84924                        504921.98
3634725.90        1.68026
         504971.98    3634725.90        1.49781                        505021.98
3634725.90        1.25046
         505071.98    3634725.90        1.10028                        505121.98
3634725.90        1.00141
         505171.98    3634725.90        0.87561                        505221.98
3634725.90        0.81512
         502221.98    3634775.90        0.87266                        502271.98
3634775.90        0.92014
         502321.98    3634775.90        0.97029                        502371.98
3634775.90        1.02598
         502421.98    3634775.90        1.08716                        502471.98
3634775.90        1.15484
         502521.98    3634775.90        1.23056                        502571.98
3634775.90        1.31263

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002

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, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634775.90        1.40393                       502671.98
3634775.90        1.50578
         504771.98    3634775.90        2.08884                       504821.98
3634775.90        1.94772
         504871.98    3634775.90        1.81354                       504921.98
3634775.90        1.62786
         504971.98    3634775.90        1.35033                       505021.98
3634775.90        1.14811
         505071.98    3634775.90        1.06541                       505121.98
3634775.90        0.98636
         505171.98    3634775.90        0.86331                       505221.98
3634775.90        0.79694
         502221.98    3634825.90        0.86650                       502271.98
3634825.90        0.91283
         502321.98    3634825.90        0.96286                       502371.98
3634825.90        1.01754
         502421.98    3634825.90        1.07679                       502471.98
3634825.90        1.14139
         502521.98    3634825.90        1.21515                       502571.98
3634825.90        1.29484
         502621.98    3634825.90        1.38281                       502671.98
3634825.90        1.48050
         504771.98    3634825.90        2.01082                       504821.98
3634825.90        1.88810
         504871.98    3634825.90        1.73656                       504921.98
3634825.90        1.50145
         504971.98    3634825.90        1.18324                       505021.98
3634825.90        1.01342
         505071.98    3634825.90        0.96780                       505121.98
3634825.90        0.92121
         505171.98    3634825.90        0.83287                       505221.98
3634825.90        0.77703
         502221.98    3634875.90        0.85809                       502271.98
3634875.90        0.90336
         502321.98    3634875.90        0.95217                       502371.98
3634875.90        1.00544
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         502421.98    3634875.90        1.06343                        502471.98
3634875.90        1.12681
         502521.98    3634875.90        1.19632                        502571.98
3634875.90        1.27277
         502621.98    3634875.90        1.35706                        502671.98
3634875.90        1.45029
         504771.98    3634875.90        1.93131                        504821.98
3634875.90        1.81134
         504871.98    3634875.90        1.67470                        504921.98
3634875.90        1.39370
         504971.98    3634875.90        1.10015                        505021.98
3634875.90        0.94669
         505071.98    3634875.90        0.86686                        505121.98
3634875.90        0.84291
         505171.98    3634875.90        0.79231                        505221.98
3634875.90        0.75744
         502221.98    3634925.90        0.84802                        502271.98
3634925.90        0.89205
         502321.98    3634925.90        0.93941                        502371.98
3634925.90        0.99081
         502421.98    3634925.90        1.04673                        502471.98
3634925.90        1.10764
         502521.98    3634925.90        1.17437                        502571.98
3634925.90        1.24745
         502621.98    3634925.90        1.32778                        502671.98
3634925.90        1.41625
         504771.98    3634925.90        1.85373                        504821.98
3634925.90        1.73931
         504871.98    3634925.90        1.61943                        504921.98
3634925.90        1.37601
         504971.98    3634925.90        1.09230                        505021.98
3634925.90        0.90713
         505071.98    3634925.90        0.81919                        505121.98
3634925.90        0.79423
         505171.98    3634925.90        0.75697                        505221.98
3634925.90        0.73230
         502221.98    3634975.90        0.83641                        502271.98
3634975.90        0.87901
         502321.98    3634975.90        0.92477                        502371.98
3634975.90        0.97425
         502421.98    3634975.90        1.02795                        502471.98
3634975.90        1.08635
         502521.98    3634975.90        1.15002                        502571.98
3634975.90        1.21959
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 1.29580 | 502671.98 | 3634975.90 | 1.37949 |
| 504821.98 | 3634975.90 | 1.66849 | 504871.98 | 3634975.90 | 1.56345 |
| 504921.98 | 3634975.90 | 1.40785 | 504971.98 | 3634975.90 | 1.07501 |
| 505021.98 | 3634975.90 | 0.90173 | 505071.98 | 3634975.90 | 0.81068 |
| 505121.98 | 3634975.90 | 0.80384 | 505171.98 | 3634975.90 | 0.76728 |
| 505221.98 | 3634975.90 | 0.72781 | 502221.98 | 3635025.90 | 0.82350 |
| 502271.98 | 3635025.90 | 0.86462 | 502321.98 | 3635025.90 | 0.90861 |
| 502371.98 | 3635025.90 | 0.95613 | 502421.98 | 3635025.90 | 1.00747 |
| 502471.98 | 3635025.90 | 1.06321 | 502521.98 | 3635025.90 | 1.12375 |
| 502571.98 | 3635025.90 | 1.18978 | 502621.98 | 3635025.90 | 1.26183 |
| 502671.98 | 3635025.90 | 1.34075 | 504871.98 | 3635025.90 | 1.50665 |
| 504921.98 | 3635025.90 | 1.37030 | 504971.98 | 3635025.90 | 1.11257 |
| 505021.98 | 3635025.90 | 0.90727 | 505071.98 | 3635025.90 | 0.83146 |
| 505121.98 | 3635025.90 | 0.83653 | 505171.98 | 3635025.90 | 0.80423 |
| 505221.98 | 3635025.90 | 0.74993 | 502221.98 | 3635075.90 | 0.80980 |
| 502271.98 | 3635075.90 | 0.84918 | 502321.98 | | |

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3635075.90        0.89111
         502371.98    3635075.90        0.93662                    502421.98
3635075.90        0.98553
         502471.98    3635075.90        1.03852                    502521.98
3635075.90        1.09603
         502571.98    3635075.90        1.15857                    502621.98
3635075.90        1.22667
         502671.98    3635075.90        1.30079                    504921.98
3635075.90        1.36118
         504971.98    3635075.90        1.22510                    505021.98
3635075.90        0.96886
         505071.98    3635075.90        0.91041                    505121.98
3635075.90        0.90697
         505171.98    3635075.90        0.90782                    505221.98
3635075.90        0.83825
         502221.98    3635125.90        0.79493                    502271.98
3635125.90        0.83281
         502321.98    3635125.90        0.87287                    502371.98
3635125.90        0.91619
         502421.98    3635125.90        0.96279                    502471.98
3635125.90        1.01300
         502521.98    3635125.90        1.06755                    502571.98
3635125.90        1.12666
         502621.98    3635125.90        1.19072                    502671.98
3635125.90        1.26044
         505021.98    3635125.90        1.13234                    505071.98
3635125.90        1.04506
         505121.98    3635125.90        1.02881                    505171.98
3635125.90        1.00340
         505221.98    3635125.90        0.89531                    502221.98
3635175.90        0.77936
         502271.98    3635175.90        0.81566                    502321.98
3635175.90        0.85388
         502371.98    3635175.90        0.89503                    502421.98
3635175.90        0.93928
         502471.98    3635175.90        0.98691                    502521.98
3635175.90        1.03834
         502571.98    3635175.90        1.09423                    502621.98
3635175.90        1.15474
         502671.98    3635175.90        1.22004                    505121.98
3635175.90        1.03972
         505171.98    3635175.90        0.99122                    505221.98
3635175.90        0.94101
         502221.98    3635225.90        0.76343                    502271.98
3635225.90        0.79790
         502321.98    3635225.90        0.83455                    502371.98
3635225.90        0.87374
         502421.98    3635225.90        0.91575                    502471.98
3635225.90        0.96092
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502321.98    3635375.90        0.80977                    502371.98
3635375.90        0.83985
         502421.98    3635375.90        0.87142                    502471.98
3635375.90        0.90422
         502521.98    3635375.90        0.93759                    502571.98
3635375.90        0.97424
         502621.98    3635375.90        1.01364                    502671.98
3635375.90        1.05667
         502221.98    3635425.90        0.73239                    502271.98
3635425.90        0.75431
         502321.98    3635425.90        0.78106                    502371.98
3635425.90        0.80895
         502421.98    3635425.90        0.83822                    502471.98
3635425.90        0.86832
         502521.98    3635425.90        0.89988                    502571.98
3635425.90        0.93391
         502621.98    3635425.90        0.97067                    502671.98
3635425.90        1.01114
         504771.98    3635425.90        1.22589                    502221.98
3635475.90        0.70721
         502271.98    3635475.90        0.72983                    502321.98
3635475.90        0.75435
         502371.98    3635475.90        0.77994                    502421.98
3635475.90        0.80629
         502471.98    3635475.90        0.83119                    502521.98
3635475.90        0.86342
         502571.98    3635475.90        0.89585                    502621.98
3635475.90        0.93125
         502671.98    3635475.90        0.96569                    504771.98
3635475.90        1.20788
         504821.98    3635475.90        1.14566                    504871.98
3635475.90        1.09148
         504921.98    3635475.90        1.03853                    502221.98
3635525.90        0.68034
         502271.98    3635525.90        0.70530                    502321.98
3635525.90        0.72771
         502371.98    3635525.90        0.75113                    502421.98
3635525.90        0.77504
         502471.98    3635525.90        0.79947                    502521.98
3635525.90        0.82862
         502571.98    3635525.90        0.85866                    502621.98
3635525.90        0.88994
         502671.98    3635525.90        0.92216                    502721.98
3635525.90        0.95854
         502771.98    3635525.90        1.00024                    502821.98
3635525.90        1.04492
         502871.98    3635525.90        1.09389                    502921.98
3635525.90        1.14364
         502971.98    3635525.90        1.19583                    503021.98
3635525.90        1.24964
```

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635525.90        1.50964                       503321.98
3635525.90        1.56200
         503371.98    3635525.90        1.61643                       503421.98
3635525.90        1.67065
         503471.98    3635525.90        1.73667                       503521.98
3635525.90        1.79278
         503571.98    3635525.90        1.81389                       503621.98
3635525.90        1.82236
         503671.98    3635525.90        1.84399                       503721.98
3635525.90        1.87151
         503771.98    3635525.90        1.90316                       503821.98
3635525.90        1.93005
         503871.98    3635525.90        1.93784                       503921.98
3635525.90        1.97770
         503971.98    3635525.90        2.00860                       504021.98
3635525.90        1.95379
         504071.98    3635525.90        1.88559                       504121.98
3635525.90        1.74402
         504171.98    3635525.90        1.78828                       504221.98
3635525.90        1.66495
         504271.98    3635525.90        1.61852                       504321.98

```
3635525.90        1.57085
         504371.98    3635525.90        1.52187                    504421.98
3635525.90        1.47169
         504471.98    3635525.90        1.42125                    504521.98
3635525.90        1.37023
         504571.98    3635525.90        1.35998                    504621.98
3635525.90        1.32195
         504671.98    3635525.90        1.27175                    504721.98
3635525.90        1.22600
         504771.98    3635525.90        1.16815                    504821.98
3635525.90        1.11407
         504871.98    3635525.90        1.06124                    504921.98
3635525.90        1.00659
         504971.98    3635525.90        0.96250                    505021.98
3635525.90        0.92216
         505071.98    3635525.90        0.88171                    505121.98
3635525.90        0.84403
         505171.98    3635525.90        0.80880                    505221.98
3635525.90        0.77567
         502221.98    3635575.90        0.65119                    502271.98
3635575.90        0.68038
         502321.98    3635575.90        0.70135                    502371.98
3635575.90        0.72245
         502421.98    3635575.90        0.74402                    502471.98
3635575.90        0.76884
         502521.98    3635575.90        0.79726                    502571.98
3635575.90        0.82609
         502621.98    3635575.90        0.85520                    502671.98
3635575.90        0.88569
         502721.98    3635575.90        0.92043                    502771.98
3635575.90        0.96091
         502821.98    3635575.90        1.00254                    502871.98
3635575.90        1.04626
         502921.98    3635575.90        1.09205                    502971.98
3635575.90        1.13751
         503021.98    3635575.90        1.18470                    503071.98
3635575.90        1.23618
         503121.98    3635575.90        1.29014                    503171.98
3635575.90        1.33367
         503221.98    3635575.90        1.37301                    503271.98
3635575.90        1.42234
         503321.98    3635575.90        1.47167                    503371.98
3635575.90        1.52370
         503421.98    3635575.90        1.57582                    503471.98
3635575.90        1.63135
         503521.98    3635575.90        1.68113                    503571.98
3635575.90        1.70937
         503621.98    3635575.90        1.70575                    503671.98
3635575.90        1.72088
         503721.98    3635575.90        1.74012                    503771.98
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3635575.90        1.75745
         503821.98    3635575.90        1.77052                       503871.98
3635575.90        1.79566
         503921.98    3635575.90        1.82274                       503971.98
3635575.90        1.84965
         504021.98    3635575.90        1.75803                       504071.98
3635575.90        1.72048
         504121.98    3635575.90        1.71080                       504171.98
3635575.90        1.69718

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504221.98    3635575.90        1.59253                       504271.98
3635575.90        1.51117
         504321.98    3635575.90        1.46980                       504371.98
3635575.90        1.42694
         504421.98    3635575.90        1.38318                       504471.98
3635575.90        1.33944
         504521.98    3635575.90        1.29449                       504571.98
3635575.90        1.25005
         504621.98    3635575.90        1.25937                       504671.98
3635575.90        1.21388
         504721.98    3635575.90        1.17030                       504771.98
3635575.90        1.12575
         504821.98    3635575.90        1.07937                       504871.98
3635575.90        1.02786
         504921.98    3635575.90        0.97499                       504971.98
3635575.90        0.93586

505021.98 3635575.90 0.89693 505071.98 3635575.90 0.85859
505121.98 3635575.90 0.82432 505171.98 3635575.90 0.78825
505221.98 3635575.90 0.75811 502221.98 3635625.90 0.62026
502271.98 3635625.90 0.64964 502321.98 3635625.90 0.67183
502371.98 3635625.90 0.69499 502421.98 3635625.90 0.70975
502471.98 3635625.90 0.73211 502521.98 3635625.90 0.75795
502571.98 3635625.90 0.79300 502621.98 3635625.90 0.82546
502671.98 3635625.90 0.85344 502721.98 3635625.90 0.88473
502771.98 3635625.90 0.92015 502821.98 3635625.90 0.95685
502871.98 3635625.90 0.99579 502921.98 3635625.90 1.03659
502971.98 3635625.90 1.07843 503021.98 3635625.90 1.12087
503071.98 3635625.90 1.16443 503121.98 3635625.90 1.20835
503171.98 3635625.90 1.25229 503221.98 3635625.90 1.29619
503271.98 3635625.90 1.34151 503321.98 3635625.90 1.38669
503371.98 3635625.90 1.43230 503421.98 3635625.90 1.47938
503471.98 3635625.90 1.52677 503521.98 3635625.90 1.57238
503571.98 3635625.90 1.60509 503621.98 3635625.90 1.61284
503671.98 3635625.90 1.62717 503721.98 3635625.90 1.63979
503771.98 3635625.90 1.65060 503821.98 3635625.90 1.65658
503871.98 3635625.90 1.65201 503921.98 3635625.90 1.68036
503971.98 3635625.90 1.70052 504021.98 3635625.90 1.64024
504071.98 3635625.90 1.61575 504121.98 3635625.90 1.60171
504171.98 3635625.90 1.58175 504221.98 3635625.90 1.56319
504271.98 3635625.90 1.52309 504321.98 3635625.90 1.37798
504371.98 3635625.90 1.34081 504421.98 3635625.90 1.30221

```
         504471.98    3635625.90        1.26368                       504521.98
3635625.90        1.22440
         504571.98    3635625.90        1.18533                       504621.98
3635625.90        1.14557
         504671.98    3635625.90        1.14092                       504721.98
3635625.90        1.11718
         504771.98    3635625.90        1.08376                       504821.98
3635625.90        1.04276
         504871.98    3635625.90        0.99577                       504921.98
3635625.90        0.94554
         504971.98    3635625.90        0.91119                       505021.98
3635625.90        0.86653
         505071.98    3635625.90        0.83018                       505121.98
3635625.90        0.80199
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         505171.98    3635625.90        0.76861                       505221.98
3635625.90        0.73793
         502221.98    3635675.90        0.58904                       502271.98
3635675.90        0.61923
         502321.98    3635675.90        0.63949                       502371.98
3635675.90        0.66200
         502421.98    3635675.90        0.68136                       502471.98
3635675.90        0.70511
         502521.98    3635675.90        0.73111                       502571.98
3635675.90        0.76164
         502621.98    3635675.90        0.79252                       502671.98
```

3635675.90 0.82262
502721.98 3635675.90 0.85082 502771.98
3635675.90 0.87751
502821.98 3635675.90 0.91176 502871.98
3635675.90 0.94645
502921.98 3635675.90 0.97291 502971.98
3635675.90 1.01720
503021.98 3635675.90 1.05269 503071.98
3635675.90 1.09382
503121.98 3635675.90 1.13229 503171.98
3635675.90 1.17139
503221.98 3635675.90 1.21776 503271.98
3635675.90 1.25965
503321.98 3635675.90 1.29900 503371.98
3635675.90 1.34207
503421.98 3635675.90 1.38940 503471.98
3635675.90 1.42995
503521.98 3635675.90 1.46961 503571.98
3635675.90 1.50648
503621.98 3635675.90 1.51727 503671.98
3635675.90 1.52505
503721.98 3635675.90 1.54339 503771.98
3635675.90 1.55417
503821.98 3635675.90 1.55260 503871.98
3635675.90 1.54921
503921.98 3635675.90 1.57921 503971.98
3635675.90 1.58813
504021.98 3635675.90 1.54171 504071.98
3635675.90 1.52255
504121.98 3635675.90 1.49703 504171.98
3635675.90 1.47760
504221.98 3635675.90 1.45754 504271.98
3635675.90 1.43439
504321.98 3635675.90 1.38101 504371.98
3635675.90 1.26189
504421.98 3635675.90 1.22850 504471.98
3635675.90 1.25823
504521.98 3635675.90 1.23312 504571.98
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3635675.90 1.05719
504821.98 3635675.90 1.00572 504871.98
3635675.90 0.96369
504921.98 3635675.90 0.91758 504971.98
3635675.90 0.88705
505021.98 3635675.90 0.84746 505071.98
3635675.90 0.80905
505121.98 3635675.90 0.78261 505171.98

3635675.90        0.75102
         505221.98    3635675.90        0.72072                        502221.98
3635725.90        0.56399
         502271.98    3635725.90        0.59340                        502321.98
3635725.90        0.61642
         502371.98    3635725.90        0.64015                        502421.98
3635725.90        0.65805
         502471.98    3635725.90        0.68157                        502521.98
3635725.90        0.70416
         502571.98    3635725.90        0.73610                        502621.98
3635725.90        0.76574
         502671.98    3635725.90        0.79192                        502721.98
3635725.90        0.81945
         502771.98    3635725.90        0.84502                        502821.98
3635725.90        0.87411
         502871.98    3635725.90        0.90612                        502921.98
3635725.90        0.92565
         502971.98    3635725.90        0.96130                        503021.98
3635725.90        0.99027

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

503371.98 3635725.90 1.25477 503421.98
3635725.90 1.30477
503471.98 3635725.90 1.34562 503521.98
3635725.90 1.38247
503571.98 3635725.90 1.41109 503621.98
3635725.90 1.43107
503671.98 3635725.90 1.43175 503721.98
3635725.90 1.45011
503771.98 3635725.90 1.45764 503821.98
3635725.90 1.45393
503871.98 3635725.90 1.45263 503921.98
3635725.90 1.47491
503971.98 3635725.90 1.49016 504021.98
3635725.90 1.45513
504071.98 3635725.90 1.44222 504121.98
3635725.90 1.41514
504171.98 3635725.90 1.39806 504221.98
3635725.90 1.40095
504271.98 3635725.90 1.37559 504321.98
3635725.90 1.32068
504371.98 3635725.90 1.28351 504421.98
3635725.90 1.16002
504471.98 3635725.90 1.21451 504521.98
3635725.90 1.18450
504571.98 3635725.90 1.13253 504621.98
3635725.90 1.10005
504671.98 3635725.90 1.06845 504721.98
3635725.90 1.02075
504771.98 3635725.90 0.98692 504821.98
3635725.90 0.96310
504871.98 3635725.90 0.92422 504921.98
3635725.90 0.88928
504971.98 3635725.90 0.86293 505021.98
3635725.90 0.83007
505071.98 3635725.90 0.79162 505121.98
3635725.90 0.76458
505171.98 3635725.90 0.73391 505221.98
3635725.90 0.70465
502221.98 3635775.90 0.54316 502271.98
3635775.90 0.57319
502321.98 3635775.90 0.59479 502371.98
3635775.90 0.61898
502421.98 3635775.90 0.63698 502471.98
3635775.90 0.65871
502521.98 3635775.90 0.68102 502571.98
3635775.90 0.70737
502621.98 3635775.90 0.73374 502671.98
3635775.90 0.75993
502721.98 3635775.90 0.79037 502771.98
3635775.90 0.81838

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         502821.98    3635775.90        0.84412                        502871.98
3635775.90        0.87063
         502921.98    3635775.90        0.88892                        502971.98
3635775.90        0.92135
         503021.98    3635775.90        0.93956                        503071.98
3635775.90        0.97304
         503121.98    3635775.90        1.00350                        503171.98
3635775.90        1.04133
         503221.98    3635775.90        1.02550                        503271.98
3635775.90        1.03092
         503321.98    3635775.90        1.08183                        503371.98
3635775.90        1.16055
         503421.98    3635775.90        1.22103                        503471.98
3635775.90        1.26300
         503521.98    3635775.90        1.28804                        503571.98
3635775.90        1.33025
         503621.98    3635775.90        1.35469                        503671.98
3635775.90        1.35994
         503721.98    3635775.90        1.35778                        503771.98
3635775.90        1.36827
         503821.98    3635775.90        1.37015                        503871.98
3635775.90        1.38276
         503921.98    3635775.90        1.41185                        503971.98
3635775.90        1.41912
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504021.98    3635775.90        1.38304                        504071.98
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3635775.90 1.39829
504121.98 3635775.90 1.36658 504171.98
3635775.90 1.34965
504221.98 3635775.90 1.34401 504271.98
3635775.90 1.32333
504321.98 3635775.90 1.27169 504371.98
3635775.90 1.22966
504421.98 3635775.90 1.18830 504471.98
3635775.90 1.16705
504521.98 3635775.90 1.13458 504571.98
3635775.90 1.08786
504621.98 3635775.90 1.05835 504671.98
3635775.90 1.02033
504721.98 3635775.90 0.98188 504771.98
3635775.90 0.95246
504821.98 3635775.90 0.92220 504871.98
3635775.90 0.89203
504921.98 3635775.90 0.86127 504971.98
3635775.90 0.83998
505021.98 3635775.90 0.80972 505071.98
3635775.90 0.77272
505121.98 3635775.90 0.74567 505171.98
3635775.90 0.71716
505221.98 3635775.90 0.68977 502221.98
3635825.90 0.52482
502271.98 3635825.90 0.55431 502321.98
3635825.90 0.57587
502371.98 3635825.90 0.59999 502421.98
3635825.90 0.61661
502471.98 3635825.90 0.63792 502521.98
3635825.90 0.65842
502571.98 3635825.90 0.68372 502621.98
3635825.90 0.70891
502671.98 3635825.90 0.73417 502721.98
3635825.90 0.75991
502771.98 3635825.90 0.78792 502821.98
3635825.90 0.81285
502871.98 3635825.90 0.83774 502921.98
3635825.90 0.85421
502971.98 3635825.90 0.88448 503021.98
3635825.90 0.88912
503071.98 3635825.90 0.90904 503121.98
3635825.90 0.94198
503171.98 3635825.90 0.97876 503221.98
3635825.90 0.94751
503271.98 3635825.90 0.96608 503321.98
3635825.90 1.01107
503371.98 3635825.90 1.09408 503421.98
3635825.90 1.14351
503471.98 3635825.90 1.18705 503521.98

3635825.90        1.15716
         503571.98    3635825.90        1.20262                        503621.98
3635825.90        1.26125
         503671.98    3635825.90        1.29096                        503721.98
3635825.90        1.29278
         503771.98    3635825.90        1.28869                        503821.98
3635825.90        1.29578
         503871.98    3635825.90        1.30551                        503921.98
3635825.90        1.32488
         503971.98    3635825.90        1.34241                        504021.98
3635825.90        1.31660
         504071.98    3635825.90        1.34782                        504121.98
3635825.90        1.34345
         504171.98    3635825.90        1.30713                        504221.98
3635825.90        1.29204
         504271.98    3635825.90        1.28735                        504321.98
3635825.90        1.24242
         504371.98    3635825.90        1.19019                        504421.98
3635825.90        1.15030
         504471.98    3635825.90        1.12499                        504521.98
3635825.90        1.10027
         504571.98    3635825.90        1.05157                        504621.98
3635825.90        1.01887
         504671.98    3635825.90        0.98031                        504721.98
3635825.90        0.93989
         504771.98    3635825.90        0.91198                        504821.98
3635825.90        0.89045
         504871.98    3635825.90        0.86541                        504921.98
3635825.90        0.83589

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 0.81187 | 505021.98 | 3635825.90 | 0.78452 |
| 505071.98 | 3635825.90 | 0.75723 | 505121.98 | 3635825.90 | 0.72768 |
| 505171.98 | 3635825.90 | 0.70173 | 505221.98 | 3635825.90 | 0.67556 |
| 502221.98 | 3635875.90 | 0.50907 | 502271.98 | 3635875.90 | 0.53816 |
| 502321.98 | 3635875.90 | 0.56046 | 502371.98 | 3635875.90 | 0.58169 |
| 502421.98 | 3635875.90 | 0.59785 | 502471.98 | 3635875.90 | 0.61774 |
| 502521.98 | 3635875.90 | 0.63609 | 502571.98 | 3635875.90 | 0.65998 |
| 502621.98 | 3635875.90 | 0.68054 | 502671.98 | 3635875.90 | 0.70497 |
| 502721.98 | 3635875.90 | 0.73147 | 502771.98 | 3635875.90 | 0.75819 |
| 502821.98 | 3635875.90 | 0.78142 | 502871.98 | 3635875.90 | 0.80555 |
| 502921.98 | 3635875.90 | 0.81419 | 502971.98 | 3635875.90 | 0.84239 |
| 503021.98 | 3635875.90 | 0.84340 | 503071.98 | 3635875.90 | 0.86200 |
| 503121.98 | 3635875.90 | 0.88964 | 503171.98 | 3635875.90 | 0.92354 |
| 503221.98 | 3635875.90 | 0.93346 | 503271.98 | 3635875.90 | 0.93724 |
| 503321.98 | 3635875.90 | 0.99548 | 503371.98 | 3635875.90 | 1.03047 |
| 503421.98 | 3635875.90 | 1.07774 | 503471.98 | 3635875.90 | 1.10613 |
| 503521.98 | 3635875.90 | 1.02096 | 503571.98 | 3635875.90 | 1.12743 |
| 503621.98 | 3635875.90 | 1.19344 | 503671.98 | 3635875.90 | 1.21623 |
| 503721.98 | 3635875.90 | 1.21929 | 503771.98 | 3635875.90 | 1.21964 |
| 503821.98 | 3635875.90 | 1.22778 | 503871.98 | 3635875.90 | 1.24383 |
| 503921.98 | 3635875.90 | 1.25328 | 503971.98 | 3635875.90 | 1.26456 |
| 504021.98 | 3635875.90 | 1.25892 | 504071.98 | 3635875.90 | 1.28013 |
| 504121.98 | 3635875.90 | 1.27827 | 504171.98 | 3635875.90 | 1.26377 |

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         504221.98    3635875.90        1.26111                        504271.98
3635875.90        1.24841
         504321.98    3635875.90        1.20914                        504371.98
3635875.90        1.17116
         504421.98    3635875.90        1.13969                        504471.98
3635875.90        1.09129
         504521.98    3635875.90        1.05547                        504571.98
3635875.90        1.01967
         504621.98    3635875.90        0.98494                        504671.98
3635875.90        0.94885
         504721.98    3635875.90        0.90418                        504771.98
3635875.90        0.87817
         504821.98    3635875.90        0.85817                        504871.98
3635875.90        0.83312
         504921.98    3635875.90        0.80885                        504971.98
3635875.90        0.79063
         505021.98    3635875.90        0.76133                        505071.98
3635875.90        0.73396
         505121.98    3635875.90        0.71046                        505171.98
3635875.90        0.68564
         505221.98    3635875.90        0.66181                        502221.98
3635925.90        0.49306
         502271.98    3635925.90        0.52215                        502321.98
3635925.90        0.54213
         502371.98    3635925.90        0.56464                        502421.98
3635925.90        0.57993
         502471.98    3635925.90        0.59847                        502521.98
3635925.90        0.61387
         502571.98    3635925.90        0.63542                        502621.98
3635925.90        0.65646
         502671.98    3635925.90        0.67968                        502721.98
3635925.90        0.70485
         502771.98    3635925.90        0.73061                        502821.98
3635925.90        0.75172
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 299
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 0.77491 | 502921.98 | 3635925.90 | 0.78097 |
| 502971.98 | 3635925.90 | 0.80298 | 503021.98 | 3635925.90 | 0.80444 |
| 503071.98 | 3635925.90 | 0.81861 | 503121.98 | 3635925.90 | 0.84358 |
| 503171.98 | 3635925.90 | 0.86738 | 503221.98 | 3635925.90 | 0.88182 |
| 503271.98 | 3635925.90 | 0.90621 | 503321.98 | 3635925.90 | 0.94406 |
| 503371.98 | 3635925.90 | 0.98190 | 503421.98 | 3635925.90 | 1.01721 |
| 503471.98 | 3635925.90 | 1.00285 | 503521.98 | 3635925.90 | 0.96954 |
| 503571.98 | 3635925.90 | 1.05277 | 503621.98 | 3635925.90 | 1.13466 |
| 503671.98 | 3635925.90 | 1.14934 | 503721.98 | 3635925.90 | 1.15587 |
| 503771.98 | 3635925.90 | 1.16108 | 503821.98 | 3635925.90 | 1.16511 |
| 503871.98 | 3635925.90 | 1.16955 | 503921.98 | 3635925.90 | 1.18058 |
| 503971.98 | 3635925.90 | 1.19416 | 504021.98 | 3635925.90 | 1.19763 |
| 504071.98 | 3635925.90 | 1.20787 | 504121.98 | 3635925.90 | 1.21429 |
| 504171.98 | 3635925.90 | 1.21566 | 504221.98 | 3635925.90 | 1.21671 |
| 504271.98 | 3635925.90 | 1.19676 | 504321.98 | 3635925.90 | 1.16852 |
| 504371.98 | 3635925.90 | 1.14595 | 504421.98 | 3635925.90 | 1.11985 |
| 504471.98 | 3635925.90 | 1.08310 | 504521.98 | 3635925.90 | 1.03859 |
| 504571.98 | 3635925.90 | 0.99265 | 504621.98 | 3635925.90 | 0.94446 |
| 504671.98 | 3635925.90 | 0.91916 | 504721.98 | 3635925.90 | 0.88563 |
| 504771.98 | 3635925.90 | 0.85309 | 504821.98 | 3635925.90 | 0.82243 |
| 504871.98 | 3635925.90 | 0.80136 | 504921.98 | | |

3635925.90        0.77962
         504971.98    3635925.90        0.76776                        505021.98
3635925.90        0.74674
         505071.98    3635925.90        0.72255                        505121.98
3635925.90        0.69446
         505171.98    3635925.90        0.67010                        505221.98
3635925.90        0.65173
         502221.98    3635975.90        0.47397                        502271.98
3635975.90        0.50256
         502321.98    3635975.90        0.52266                        502371.98
3635975.90        0.54600
         502421.98    3635975.90        0.56101                        502471.98
3635975.90        0.57919
         502521.98    3635975.90        0.59486                        502571.98
3635975.90        0.61776
         502621.98    3635975.90        0.63740                        502671.98
3635975.90        0.65704
         502721.98    3635975.90        0.68005                        502771.98
3635975.90        0.70312
         502821.98    3635975.90        0.72278                        502871.98
3635975.90        0.74575
         502921.98    3635975.90        0.75150                        502971.98
3635975.90        0.77152
         503021.98    3635975.90        0.77088                        503071.98
3635975.90        0.78874
         503121.98    3635975.90        0.80425                        503171.98
3635975.90        0.82425
         503221.98    3635975.90        0.84255                        503271.98
3635975.90        0.87217
         503321.98    3635975.90        0.90249                        503371.98
3635975.90        0.94602
         503421.98    3635975.90        0.93433                        503471.98
3635975.90        0.92842
         503521.98    3635975.90        0.96615                        503571.98
3635975.90        1.04555
         503621.98    3635975.90        1.07587                        503671.98
3635975.90        1.08844
         503721.98    3635975.90        1.09582                        503771.98
3635975.90        1.10049

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002

, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502421.98    3632475.90        0.40776                        502521.98
3632475.90        0.42303
         502621.98    3632475.90        0.43816                        502721.98
3632475.90        0.40822
         502821.98    3632475.90        0.40892                        502921.98
3632475.90        0.41047
         503021.98    3632475.90        0.40112                        503121.98
3632475.90        0.38847
         503221.98    3632475.90        0.40511                        503321.98
3632475.90        0.38459
         503421.98    3632475.90        0.37421                        503721.98
3632475.90        0.35770
         503821.98    3632475.90        0.33111                        503921.98
3632475.90        0.30567
         504021.98    3632475.90        0.28484                        504121.98
3632475.90        0.27969
         504221.98    3632475.90        0.26255                        504321.98
3632475.90        0.25569
         504421.98    3632475.90        0.27367                        504521.98
3632475.90        0.29213
         504621.98    3632475.90        0.25542                        504721.98
3632475.90        0.24190
         504821.98    3632475.90        0.24256                        504921.98
3632475.90        0.23859
         505021.98    3632475.90        0.23056                        505121.98
3632475.90        0.23282
         505221.98    3632475.90        0.22691                        505321.98
3632475.90        0.22606
         505421.98    3632475.90        0.22769                        505521.98
3632475.90        0.22970
         505621.98    3632475.90        0.23485                        505721.98
3632475.90        0.24414
         501721.98    3632575.90        0.32230                        501821.98
3632575.90        0.33608
         501921.98    3632575.90        0.35049                        502021.98
3632575.90        0.36550
         502121.98    3632575.90        0.38112                        502221.98
3632575.90        0.39737
         502321.98    3632575.90        0.41405                        502421.98
3632575.90        0.43111
         502521.98    3632575.90        0.44843                        502621.98
3632575.90        0.46582
         502721.98    3632575.90        0.48299                        502821.98
3632575.90        0.45611
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 0.44685 | 503021.98 | 3632575.90 | 0.43845 |
| 503121.98 | 3632575.90 | 0.43519 | 503221.98 | 3632575.90 | 0.43153 |
| 503321.98 | 3632575.90 | 0.41677 | 503421.98 | 3632575.90 | 0.39863 |
| 503721.98 | 3632575.90 | 0.36713 | 503821.98 | 3632575.90 | 0.33773 |
| 503921.98 | 3632575.90 | 0.27072 | 504021.98 | 3632575.90 | 0.25564 |
| 504121.98 | 3632575.90 | 0.25459 | 504221.98 | 3632575.90 | 0.25286 |
| 504321.98 | 3632575.90 | 0.24761 | 504421.98 | 3632575.90 | 0.25636 |
| 504521.98 | 3632575.90 | 0.28388 | 504621.98 | 3632575.90 | 0.27329 |
| 504721.98 | 3632575.90 | 0.24947 | 504821.98 | 3632575.90 | 0.25349 |
| 504921.98 | 3632575.90 | 0.24828 | 505021.98 | 3632575.90 | 0.24097 |
| 505121.98 | 3632575.90 | 0.24562 | 505221.98 | 3632575.90 | 0.24651 |
| 505321.98 | 3632575.90 | 0.24666 | 505421.98 | 3632575.90 | 0.24999 |
| 505521.98 | 3632575.90 | 0.25186 | 505621.98 | 3632575.90 | 0.25864 |
| 505721.98 | 3632575.90 | 0.26521 | 501721.98 | 3632675.90 | 0.33534 |
| 501821.98 | 3632675.90 | 0.35038 | 501921.98 | 3632675.90 | 0.36623 |
| 502021.98 | 3632675.90 | 0.38278 | 502121.98 | | |

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3632675.90        0.40012
         502221.98    3632675.90        0.41824                    502321.98
3632675.90        0.43695
         502421.98    3632675.90        0.45626                    502521.98
3632675.90        0.47599
         502621.98    3632675.90        0.49590                    502721.98
3632675.90        0.51583
         502821.98    3632675.90        0.45804                    502921.98
3632675.90        0.43889
         503021.98    3632675.90        0.43297                    503721.98
3632675.90        0.39161
         503821.98    3632675.90        0.36915                    503921.98
3632675.90        0.33399
         504021.98    3632675.90        0.29190                    504121.98
3632675.90        0.27371
         504221.98    3632675.90        0.26614                    504321.98
3632675.90        0.26428
         504421.98    3632675.90        0.26957                    504521.98
3632675.90        0.27649
         504621.98    3632675.90        0.27265                    504721.98
3632675.90        0.26871
         504821.98    3632675.90        0.26999                    504921.98
3632675.90        0.26468
         505021.98    3632675.90        0.26181                    505121.98
3632675.90        0.26532
         505221.98    3632675.90        0.26715                    505321.98
3632675.90        0.26658
         505421.98    3632675.90        0.27148                    505521.98
3632675.90        0.27954
         505621.98    3632675.90        0.28533                    505721.98
3632675.90        0.28134
         502421.98    3632775.90        0.42676                    502521.98
3632775.90        0.42334
         502621.98    3632775.90        0.45141                    502721.98
3632775.90        0.55182
         502821.98    3632775.90        0.46956                    502921.98
3632775.90        0.39683
         503021.98    3632775.90        0.36669                    503121.98
3632775.90        0.40638
         503221.98    3632775.90        0.44510                    503621.98
3632775.90        0.44519
         503721.98    3632775.90        0.42865                    503821.98
3632775.90        0.38012
         503921.98    3632775.90        0.37177                    504021.98
3632775.90        0.35875
         504121.98    3632775.90        0.32436                    504221.98
3632775.90        0.29958
         504321.98    3632775.90        0.28883                    504421.98
3632775.90        0.29007
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503021.98 3632875.90 0.29803 503121.98
3632875.90 0.37007
503221.98 3632875.90 0.50724 503321.98
3632875.90 0.52849
503421.98 3632875.90 0.52458 503621.98
3632875.90 0.48365
503721.98 3632875.90 0.46140 503821.98
3632875.90 0.40200
503921.98 3632875.90 0.34868 504021.98
3632875.90 0.34362
504121.98 3632875.90 0.33699 504221.98
3632875.90 0.32041
504321.98 3632875.90 0.31635 504421.98
3632875.90 0.31354
504521.98 3632875.90 0.31215 504621.98
3632875.90 0.31190
504721.98 3632875.90 0.31390 504821.98
3632875.90 0.31169
504921.98 3632875.90 0.31410 505021.98
3632875.90 0.31812
505121.98 3632875.90 0.31838 505221.98
3632875.90 0.31935
505321.98 3632875.90 0.32497 505421.98
3632875.90 0.33731
505521.98 3632875.90 0.33942 505621.98
3632875.90 0.34128
505721.98 3632875.90 0.33222 501721.98
3632975.90 0.37743
501821.98 3632975.90 0.39706 501921.98
3632975.90 0.41796
502021.98 3632975.90 0.44021 502121.98
3632975.90 0.46387
505321.98 3632975.90 0.37014 505421.98
3632975.90 0.37425
505521.98 3632975.90 0.37624 505621.98
3632975.90 0.37160
505721.98 3632975.90 0.36001 501721.98
3633075.90 0.39205
501821.98 3633075.90 0.41343 501921.98
3633075.90 0.43647
502021.98 3633075.90 0.46105 502121.98
3633075.90 0.48739
505321.98 3633075.90 0.41115 505421.98
3633075.90 0.41559
505521.98 3633075.90 0.41534 505621.98
3633075.90 0.40646
505721.98 3633075.90 0.38729 501721.98
3633175.90 0.40689
501821.98 3633175.90 0.43023 501921.98
3633175.90 0.45537

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502021.98 | 3633175.90 | 0.48259 | 502121.98 | 3633175.90 | 0.51151 |
| 505321.98 | 3633175.90 | 0.45486 | 505421.98 | 3633175.90 | 0.45226 |
| 505521.98 | 3633175.90 | 0.45161 | 505621.98 | 3633175.90 | 0.44523 |
| 505721.98 | 3633175.90 | 0.42010 | 501721.98 | 3633275.90 | 0.42183 |
| 501821.98 | 3633275.90 | 0.44739 | 501921.98 | 3633275.90 | 0.47491 |
| 502021.98 | 3633275.90 | 0.50485 | 502121.98 | 3633275.90 | 0.53692 |
| 505321.98 | 3633275.90 | 0.50595 | 505421.98 | 3633275.90 | 0.49030 |
| 505521.98 | 3633275.90 | 0.48817 | 505621.98 | 3633275.90 | 0.48236 |
| 505721.98 | 3633275.90 | 0.45418 | 501721.98 | 3633375.90 | 0.43669 |
| 501821.98 | 3633375.90 | 0.46434 | 501921.98 | 3633375.90 | 0.49439 |
| 502021.98 | 3633375.90 | 0.52724 | 502121.98 | 3633375.90 | 0.56310 |
| 505321.98 | 3633375.90 | 0.56629 | 505421.98 | 3633375.90 | 0.53298 |
| 505521.98 | 3633375.90 | 0.51641 | 505621.98 | | |

3633375.90 0.51259
505721.98 3633375.90 0.49175 501721.98
3633475.90 0.45153
501821.98 3633475.90 0.48141 501921.98
3633475.90 0.51431
502021.98 3633475.90 0.55030 502121.98
3633475.90 0.58950
505321.98 3633475.90 0.61994 505421.98
3633475.90 0.57432
505521.98 3633475.90 0.55562 505621.98
3633475.90 0.54000
505721.98 3633475.90 0.52086 501721.98
3633575.90 0.46610
501821.98 3633575.90 0.49830 501921.98
3633575.90 0.53373
502021.98 3633575.90 0.57285 502121.98
3633575.90 0.61667
505321.98 3633575.90 0.66611 505421.98
3633575.90 0.61214
505521.98 3633575.90 0.58656 505621.98
3633575.90 0.56071
505721.98 3633575.90 0.52617 501721.98
3633675.90 0.48037
501821.98 3633675.90 0.51456 501921.98
3633675.90 0.55289
502021.98 3633675.90 0.59560 502121.98
3633675.90 0.64319
505321.98 3633675.90 0.70126 505421.98
3633675.90 0.62573
505521.98 3633675.90 0.58130 505621.98
3633675.90 0.54851
505721.98 3633675.90 0.52958 501721.98
3633775.90 0.49408
501821.98 3633775.90 0.53052 501921.98
3633775.90 0.57137
502021.98 3633775.90 0.61722 502121.98
3633775.90 0.66871
505321.98 3633775.90 0.70890 505421.98
3633775.90 0.63178
505521.98 3633775.90 0.58052 505621.98
3633775.90 0.56040
505721.98 3633775.90 0.55286 501721.98
3633875.90 0.50677
501821.98 3633875.90 0.54576 501921.98
3633875.90 0.58825
502021.98 3633875.90 0.63807 502121.98
3633875.90 0.69346
505321.98 3633875.90 0.71525 505421.98
3633875.90 0.66739
505521.98 3633875.90 0.62273 505621.98

3633875.90        0.58446
         505721.98    3633875.90        0.57013                       501721.98
3633975.90        0.51852
         501821.98    3633975.90        0.55927                       501921.98
3633975.90        0.60524
         502021.98    3633975.90        0.65718                       502121.98
3633975.90        0.71698
         505321.98    3633975.90        0.75466                       505421.98
3633975.90        0.69783

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3633975.90        0.63853                       505621.98
3633975.90        0.58490
         505721.98    3633975.90        0.54928                       501721.98
3634075.90        0.52900
         501821.98    3634075.90        0.57166                       501921.98
3634075.90        0.61990
         502021.98    3634075.90        0.67475                       502121.98
3634075.90        0.73755
         505321.98    3634075.90        0.73637                       505421.98
3634075.90        0.66386
         505521.98    3634075.90        0.61835                       505621.98
3634075.90        0.56819
         505721.98    3634075.90        0.50363                       501721.98
3634175.90        0.53717
         501821.98    3634175.90        0.58213                       501921.98
3634175.90        0.63257

```
         502021.98    3634175.90        0.68829                    502121.98
3634175.90        0.75506
         505321.98    3634175.90        0.71282                    505421.98
3634175.90        0.65751
         505521.98    3634175.90        0.61149                    505621.98
3634175.90        0.52927
         505721.98    3634175.90        0.46675                    501721.98
3634275.90        0.54407
         501821.98    3634275.90        0.58936                    501921.98
3634275.90        0.64093
         502021.98    3634275.90        0.69971                    502121.98
3634275.90        0.76811
         505321.98    3634275.90        0.75568                    505421.98
3634275.90        0.70260
         505521.98    3634275.90        0.57568                    505621.98
3634275.90        0.51572
         505721.98    3634275.90        0.45831                    501721.98
3634375.90        0.55056
         501821.98    3634375.90        0.59757                    501921.98
3634375.90        0.64958
         502021.98    3634375.90        0.71007                    502121.98
3634375.90        0.78184
         505321.98    3634375.90        0.77662                    505421.98
3634375.90        0.69624
         505521.98    3634375.90        0.54432                    505621.98
3634375.90        0.47420
         505721.98    3634375.90        0.43146                    501721.98
3634475.90        0.55504
         501821.98    3634475.90        0.60276                    501921.98
3634475.90        0.65696
         502021.98    3634475.90        0.71992                    502121.98
3634475.90        0.79173
         505321.98    3634475.90        0.74590                    505421.98
3634475.90        0.78357
         505521.98    3634475.90        0.61848                    505621.98
3634475.90        0.50576
         505721.98    3634475.90        0.42696                    501721.98
3634575.90        0.55724
         501821.98    3634575.90        0.60471                    501921.98
3634575.90        0.65917
         502021.98    3634575.90        0.72245                    502121.98
3634575.90        0.79603
         505321.98    3634575.90        0.73911                    505421.98
3634575.90        0.82983
         505521.98    3634575.90        0.72619                    505621.98
3634575.90        0.54994
         505721.98    3634575.90        0.45635                    501721.98
3634675.90        0.55775
         501821.98    3634675.90        0.60556                    501921.98
3634675.90        0.65983
```

```
         502021.98    3634675.90        0.72277                       502121.98
3634675.90        0.79378
         505321.98    3634675.90        0.76165                       505421.98
3634675.90        0.84462
         505521.98    3634675.90        0.83385                       505621.98
3634675.90        0.68020
         505721.98    3634675.90        0.52722                       501721.98
3634775.90        0.55569
         501821.98    3634775.90        0.60306                       501921.98
3634775.90        0.65624
         502021.98    3634775.90        0.71838                       502121.98
3634775.90        0.78966
         505321.98    3634775.90        0.78742                       505421.98
3634775.90        0.93905
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3634775.90        0.85786                       505621.98
3634775.90        0.75826
         505721.98    3634775.90        0.64513                       501721.98
3634875.90        0.55119
         501821.98    3634875.90        0.59749                       501921.98
3634875.90        0.64954
         502021.98    3634875.90        0.70905                       502121.98
3634875.90        0.77808
         505321.98    3634875.90        0.86413                       505421.98
3634875.90        0.93682
         505521.98    3634875.90        0.85621                       505621.98
```

3634875.90 0.78511
505721.98 3634875.90 0.71689 501721.98
3634975.90 0.54453
501821.98 3634975.90 0.58852 501921.98
3634975.90 0.63812
502021.98 3634975.90 0.69508 502121.98
3634975.90 0.76080
505321.98 3634975.90 0.89918 505421.98
3634975.90 0.89818
505521.98 3634975.90 0.82622 505621.98
3634975.90 0.76293
505721.98 3634975.90 0.70672 501721.98
3635075.90 0.62797
501821.98 3635075.90 0.61439 501921.98
3635075.90 0.76165
502021.98 3635075.90 0.81146 502121.98
3635075.90 0.73899
505321.98 3635075.90 0.88519 505421.98
3635075.90 0.84626
505521.98 3635075.90 0.78252 505621.98
3635075.90 0.72653
505721.98 3635075.90 0.67563 501721.98
3635175.90 0.63822
501821.98 3635175.90 0.67352 501921.98
3635175.90 0.74667
502021.98 3635175.90 0.78947 502121.98
3635175.90 0.82110
505321.98 3635175.90 0.86681 505421.98
3635175.90 0.79800
505521.98 3635175.90 0.73819 505621.98
3635175.90 0.68612
505721.98 3635175.90 0.64052 501721.98
3635275.90 0.62746
501821.98 3635275.90 0.66291 501921.98
3635275.90 0.70216
502021.98 3635275.90 0.74313 502121.98
3635275.90 0.77501
505621.98 3635275.90 0.65041 505721.98
3635275.90 0.60765
501721.98 3635375.90 0.57987 501821.98
3635375.90 0.61181
501921.98 3635375.90 0.64314 502021.98
3635375.90 0.67596
502121.98 3635375.90 0.71800 505621.98
3635375.90 0.61923
501721.98 3635475.90 0.52316 501821.98
3635475.90 0.55004
501921.98 3635475.90 0.58674 502021.98
3635475.90 0.62546
502121.98 3635475.90 0.66097 505621.98

3635475.90        0.59719
         505721.98    3635475.90        0.55872                      501721.98
3635575.90        0.47491
         501821.98    3635575.90        0.50175                      501921.98
3635575.90        0.53867
         502021.98    3635575.90        0.57121                      502121.98
3635575.90        0.60095
         505321.98    3635575.90        0.70147                      505421.98
3635575.90        0.65698
         505521.98    3635575.90        0.61291                      505621.98
3635575.90        0.57315
         505721.98    3635575.90        0.53706                      501721.98
3635675.90        0.42968
         501821.98    3635675.90        0.46140                      501921.98
3635675.90        0.49388
         502021.98    3635675.90        0.52260                      502121.98
3635675.90        0.54882
         505321.98    3635675.90        0.66832                      505421.98
3635675.90        0.61940

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502021.98    3635775.90        0.48497                    502121.98
3635775.90        0.51294
         505321.98    3635775.90        0.64007                    505421.98
3635775.90        0.59636
         505521.98    3635775.90        0.55732                    505621.98
3635775.90        0.52165
         505721.98    3635775.90        0.49164                    501721.98
3635875.90        0.35397
         501821.98    3635875.90        0.38959                    501921.98
3635875.90        0.42455
         502021.98    3635875.90        0.44777                    502121.98
3635875.90        0.47581
         505321.98    3635875.90        0.61862                    505421.98
3635875.90        0.57217
         505521.98    3635875.90        0.53550                    505621.98
3635875.90        0.50247
         505721.98    3635875.90        0.47326                    501721.98
3635975.90        0.33075
         501821.98    3635975.90        0.36591                    501921.98
3635975.90        0.39549
         502021.98    3635975.90        0.41507                    502121.98
3635975.90        0.44120
         505321.98    3635975.90        0.59285                    505421.98
3635975.90        0.55101
         505521.98    3635975.90        0.51536                    505621.98
3635975.90        0.48472
         505721.98    3635975.90        0.45585                    501721.98
3636075.90        0.31782
         501821.98    3636075.90        0.34123                    501921.98
3636075.90        0.36700
         502021.98    3636075.90        0.38653                    502121.98
3636075.90        0.41246
         502221.98    3636075.90        0.44602                    502321.98
3636075.90        0.48904
         502421.98    3636075.90        0.52700                    502521.98
3636075.90        0.55945
         502621.98    3636075.90        0.59461                    502721.98
3636075.90        0.63480
         502821.98    3636075.90        0.67202                    502921.98
3636075.90        0.69698
         503021.98    3636075.90        0.72047                    503121.98
3636075.90        0.72195
         503221.98    3636075.90        0.77299                    503321.98
3636075.90        0.83465
         503421.98    3636075.90        0.88577                    503521.98
3636075.90        0.93584
         503621.98    3636075.90        0.96780                    503721.98
3636075.90        0.98354
         503821.98    3636075.90        0.99353                    503921.98
3636075.90        1.00444
```

```
         504021.98    3636075.90        1.02331                        504121.98
3636075.90        1.02978
         504221.98    3636075.90        1.02987                        504321.98
3636075.90        1.02482
         504421.98    3636075.90        0.98090                        504521.98
3636075.90        0.92269
         504621.98    3636075.90        0.88859                        504721.98
3636075.90        0.85814
         504821.98    3636075.90        0.79155                        504921.98
3636075.90        0.72803
         505021.98    3636075.90        0.68758                        505121.98
3636075.90        0.64601
         505221.98    3636075.90        0.60605                        505321.98
3636075.90        0.56956
         505421.98    3636075.90        0.52863                        505521.98
3636075.90        0.49846
         505621.98    3636075.90        0.46820                        505721.98
3636075.90        0.44079
         501721.98    3636175.90        0.29511                        501821.98
3636175.90        0.31739
         501921.98    3636175.90        0.34380                        502021.98
3636175.90        0.36416
         502121.98    3636175.90        0.38952                        502221.98
3636175.90        0.42328
```


```
                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3636175.90        0.46351                        502421.98
```

3636175.90 0.49913
502521.98 3636175.90 0.52886 502621.98
3636175.90 0.56192
502721.98 3636175.90 0.59134 502821.98
3636175.90 0.61965
502921.98 3636175.90 0.64292 503021.98
3636175.90 0.65610
503121.98 3636175.90 0.62872 503221.98
3636175.90 0.69435
503321.98 3636175.90 0.75887 503421.98
3636175.90 0.80464
503521.98 3636175.90 0.83986 503621.98
3636175.90 0.87031
503721.98 3636175.90 0.88188 503821.98
3636175.90 0.88399
503921.98 3636175.90 0.88826 504021.98
3636175.90 0.89200
504121.98 3636175.90 0.88376 504221.98
3636175.90 0.88991
504321.98 3636175.90 0.83757 504421.98
3636175.90 0.76002
504521.98 3636175.90 0.65279 504621.98
3636175.90 0.69061
504721.98 3636175.90 0.78608 504821.98
3636175.90 0.75125
504921.98 3636175.90 0.71682 505021.98
3636175.90 0.66529
505121.98 3636175.90 0.61367 505221.98
3636175.90 0.58068
505321.98 3636175.90 0.55013 505421.98
3636175.90 0.51725
505521.98 3636175.90 0.48272 505621.98
3636175.90 0.45391
505721.98 3636175.90 0.42752 501721.98
3636275.90 0.28109
501821.98 3636275.90 0.30046 501921.98
3636275.90 0.32448
502021.98 3636275.90 0.34960 502121.98
3636275.90 0.37952
502221.98 3636275.90 0.41130 502321.98
3636275.90 0.44257
502421.98 3636275.90 0.47274 502521.98
3636275.90 0.50219
502621.98 3636275.90 0.52572 502721.98
3636275.90 0.54985
502821.98 3636275.90 0.57107 502921.98
3636275.90 0.58841
503021.98 3636275.90 0.60950 503121.98
3636275.90 0.60922
503221.98 3636275.90 0.61631 503321.98

3636275.90        0.66080
         503421.98    3636275.90        0.71342                        503521.98
3636275.90        0.74956
         503621.98    3636275.90        0.77488                        503721.98
3636275.90        0.78676
         503821.98    3636275.90        0.78777                        503921.98
3636275.90        0.78778
         504021.98    3636275.90        0.77592                        504121.98
3636275.90        0.74570
         504221.98    3636275.90        0.67827                        504321.98
3636275.90        0.56288
         504421.98    3636275.90        0.54052                        504521.98
3636275.90        0.51402
         504621.98    3636275.90        0.54392                        504721.98
3636275.90        0.60444
         504821.98    3636275.90        0.54615                        504921.98
3636275.90        0.63871
         505021.98    3636275.90        0.63187                        505121.98
3636275.90        0.58337
         505221.98    3636275.90        0.55428                        505321.98
3636275.90        0.52971
         505421.98    3636275.90        0.50149                        505521.98
3636275.90        0.46923
         505621.98    3636275.90        0.44166                        505721.98
3636275.90        0.41669
         501721.98    3636375.90        0.26724                        501821.98
3636375.90        0.28721
         501921.98    3636375.90        0.31339                        502021.98
3636375.90        0.33625

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 0.36401 | 502221.98 | 3636375.90 | 0.39011 |
| 502321.98 | 3636375.90 | 0.41571 | 502421.98 | 3636375.90 | 0.44700 |
| 502521.98 | 3636375.90 | 0.47367 | 502621.98 | 3636375.90 | 0.49812 |
| 502721.98 | 3636375.90 | 0.51137 | 502821.98 | 3636375.90 | 0.52214 |
| 502921.98 | 3636375.90 | 0.53278 | 503021.98 | 3636375.90 | 0.54327 |
| 503121.98 | 3636375.90 | 0.54190 | 503221.98 | 3636375.90 | 0.54072 |
| 503321.98 | 3636375.90 | 0.57373 | 503421.98 | 3636375.90 | 0.63686 |
| 503521.98 | 3636375.90 | 0.66514 | 503621.98 | 3636375.90 | 0.68439 |
| 503721.98 | 3636375.90 | 0.70035 | 503821.98 | 3636375.90 | 0.70482 |
| 503921.98 | 3636375.90 | 0.68251 | 504021.98 | 3636375.90 | 0.66687 |
| 504121.98 | 3636375.90 | 0.62201 | 504221.98 | 3636375.90 | 0.54800 |
| 504321.98 | 3636375.90 | 0.49573 | 504421.98 | 3636375.90 | 0.47604 |
| 504521.98 | 3636375.90 | 0.46577 | 504621.98 | 3636375.90 | 0.47686 |
| 504721.98 | 3636375.90 | 0.49876 | 504821.98 | 3636375.90 | 0.45661 |
| 504921.98 | 3636375.90 | 0.45055 | 505021.98 | 3636375.90 | 0.56579 |
| 505121.98 | 3636375.90 | 0.56555 | 505221.98 | 3636375.90 | 0.53622 |
| 505321.98 | 3636375.90 | 0.50989 | 505421.98 | 3636375.90 | 0.48255 |
| 505521.98 | 3636375.90 | 0.45661 | 505621.98 | 3636375.90 | 0.43072 |
| 505721.98 | 3636375.90 | 0.40662 | 501721.98 | 3636475.90 | 0.24918 |
| 501821.98 | 3636475.90 | 0.26977 | 501921.98 | 3636475.90 | 0.30048 |
| 502021.98 | 3636475.90 | 0.31942 | 502121.98 | 3636475.90 | 0.34135 |
| 502221.98 | 3636475.90 | 0.36776 | 502321.98 | 3636475.90 | 0.39699 |
| 502421.98 | 3636475.90 | 0.42590 | 502521.98 | 3636475.90 | 0.44717 |

```
         502621.98    3636475.90        0.46567                        502721.98
3636475.90        0.47625
         502821.98    3636475.90        0.47512                        502921.98
3636475.90        0.48332
         503021.98    3636475.90        0.48451                        503121.98
3636475.90        0.47783
         503221.98    3636475.90        0.47757                        503321.98
3636475.90        0.51437
         503421.98    3636475.90        0.55625                        503521.98
3636475.90        0.58722
         503621.98    3636475.90        0.60546                        503721.98
3636475.90        0.62355
         503821.98    3636475.90        0.61070                        503921.98
3636475.90        0.59151
         504021.98    3636475.90        0.49397                        504121.98
3636475.90        0.50468
         504221.98    3636475.90        0.50106                        504321.98
3636475.90        0.44791
         504421.98    3636475.90        0.43380                        504521.98
3636475.90        0.42556
         504621.98    3636475.90        0.41910                        504721.98
3636475.90        0.41328
         504821.98    3636475.90        0.40373                        504921.98
3636475.90        0.41993
         505021.98    3636475.90        0.51289                        505121.98
3636475.90        0.54178
         505221.98    3636475.90        0.51351                        505321.98
3636475.90        0.48876
         505421.98    3636475.90        0.46334                        505521.98
3636475.90        0.44072
         505621.98    3636475.90        0.41849                        505721.98
3636475.90        0.39598
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 1.01923 | 502771.98 | 3633475.90 | 1.06556 |
| 502821.98 | 3633475.90 | 1.11415 | 502871.98 | 3633475.90 | 1.16519 |
| 502921.98 | 3633475.90 | 1.21812 | 502971.98 | 3633475.90 | 1.27396 |
| 503021.98 | 3633475.90 | 1.33219 | 503071.98 | 3633475.90 | 1.39202 |
| 503121.98 | 3633475.90 | 1.45423 | 503171.98 | 3633475.90 | 1.51783 |
| 503221.98 | 3633475.90 | 1.57993 | 503271.98 | 3633475.90 | 1.64286 |
| 503321.98 | 3633475.90 | 1.37269 | 503371.98 | 3633475.90 | 1.01853 |
| 503421.98 | 3633475.90 | 1.03632 | 503471.98 | 3633475.90 | 1.06837 |
| 503521.98 | 3633475.90 | 1.12919 | 503621.98 | 3633475.90 | 1.14976 |
| 503671.98 | 3633475.90 | 1.02133 | 503721.98 | 3633475.90 | 0.93691 |
| 503771.98 | 3633475.90 | 0.95134 | 503821.98 | 3633475.90 | 0.91107 |
| 503871.98 | 3633475.90 | 0.91770 | 503921.98 | 3633475.90 | 0.99289 |
| 503971.98 | 3633475.90 | 1.00228 | 504021.98 | 3633475.90 | 0.95883 |
| 504071.98 | 3633475.90 | 0.97311 | 504121.98 | 3633475.90 | 1.01238 |
| 504171.98 | 3633475.90 | 0.96973 | 504221.98 | 3633475.90 | 0.98771 |
| 504271.98 | 3633475.90 | 1.02226 | 504321.98 | 3633475.90 | 1.02499 |
| 504371.98 | 3633475.90 | 0.93856 | 504421.98 | 3633475.90 | 0.88512 |
| 504471.98 | 3633475.90 | 0.85738 | 504521.98 | 3633475.90 | 0.84755 |
| 504571.98 | 3633475.90 | 0.85985 | 504621.98 | 3633475.90 | 0.88210 |
| 504671.98 | 3633475.90 | 0.89531 | 504721.98 | 3633475.90 | 0.91904 |
| 502721.98 | 3633525.90 | 1.05865 | 502771.98 | 3633525.90 | 1.10898 |
| 502821.98 | 3633525.90 | 1.16230 | 502871.98 | | |

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3633525.90        1.21902
         502921.98    3633525.90        1.27819                          502971.98
3633525.90        1.34032
         503021.98    3633525.90        1.40532                          503071.98
3633525.90        1.47315
         503121.98    3633525.90        1.54317                          503171.98
3633525.90        1.61553
         503221.98    3633525.90        1.68915                          503271.98
3633525.90        1.76048
         503321.98    3633525.90        1.83316                          503371.98
3633525.90        1.37633
         503421.98    3633525.90        1.33613                          503471.98
3633525.90        1.34327
         503521.98    3633525.90        1.31866                          503621.98
3633525.90        1.43003
         503671.98    3633525.90        1.33220                          503721.98
3633525.90        1.32448
         503771.98    3633525.90        1.19231                          503821.98
3633525.90        1.07829
         503871.98    3633525.90        1.12408                          503921.98
3633525.90        1.21554
         503971.98    3633525.90        1.17689                          504021.98
3633525.90        1.10743
         504071.98    3633525.90        1.12968                          504121.98
3633525.90        1.18819
         504171.98    3633525.90        1.18681                          504221.98
3633525.90        1.19523
         504271.98    3633525.90        1.16114                          504321.98
3633525.90        1.01968
         504371.98    3633525.90        0.97585                          504421.98
3633525.90        0.94482
         504471.98    3633525.90        0.92949                          504521.98
3633525.90        0.94424
         504571.98    3633525.90        0.97453                          504621.98
3633525.90        1.00105
         504671.98    3633525.90        1.00420                          504721.98
3633525.90        0.99543
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                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
```

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 1.09901 | 502771.98 | 3633575.90 | 1.15376 |
| 502821.98 | 3633575.90 | 1.21251 | 502871.98 | 3633575.90 | 1.27497 |
| 502921.98 | 3633575.90 | 1.34044 | 502971.98 | 3633575.90 | 1.40983 |
| 503021.98 | 3633575.90 | 1.48289 | 503071.98 | 3633575.90 | 1.55939 |
| 503121.98 | 3633575.90 | 1.63860 | 503171.98 | 3633575.90 | 1.72149 |
| 503221.98 | 3633575.90 | 1.80701 | 503271.98 | 3633575.90 | 1.89266 |
| 503321.98 | 3633575.90 | 1.97630 | 503371.98 | 3633575.90 | 1.73958 |
| 503421.98 | 3633575.90 | 1.72072 | 503471.98 | 3633575.90 | 1.68023 |
| 503521.98 | 3633575.90 | 1.77638 | 503621.98 | 3633575.90 | 1.57521 |
| 503671.98 | 3633575.90 | 1.59712 | 503721.98 | 3633575.90 | 1.62779 |
| 503771.98 | 3633575.90 | 1.48278 | 503821.98 | 3633575.90 | 1.38515 |
| 503871.98 | 3633575.90 | 1.47289 | 503921.98 | 3633575.90 | 1.48781 |
| 503971.98 | 3633575.90 | 1.40464 | 504021.98 | 3633575.90 | 1.38595 |
| 504071.98 | 3633575.90 | 1.35070 | 504121.98 | 3633575.90 | 1.39440 |
| 504171.98 | 3633575.90 | 1.40201 | 504221.98 | 3633575.90 | 1.42485 |
| 504271.98 | 3633575.90 | 1.24794 | 504321.98 | 3633575.90 | 1.10374 |
| 504371.98 | 3633575.90 | 1.06417 | 504421.98 | 3633575.90 | 1.02657 |
| 504471.98 | 3633575.90 | 1.02592 | 504521.98 | 3633575.90 | 1.06688 |
| 504571.98 | 3633575.90 | 1.11771 | 504621.98 | 3633575.90 | 1.10588 |

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         504671.98    3633575.90        1.08976                        504721.98
3633575.90        1.07270
         502721.98    3633625.90        1.14103                        502771.98
3633625.90        1.20063
         502821.98    3633625.90        1.26421                        502871.98
3633625.90        1.33236
         502921.98    3633625.90        1.40492                        502971.98
3633625.90        1.48266
         503021.98    3633625.90        1.56518                        503071.98
3633625.90        1.65095
         503121.98    3633625.90        1.74121                        503171.98
3633625.90        1.83666
         503221.98    3633625.90        1.93573                        503271.98
3633625.90        2.03640
         503321.98    3633625.90        2.13649                        503371.98
3633625.90        2.23573
         503421.98    3633625.90        1.97516                        503471.98
3633625.90        1.95186
         503521.98    3633625.90        2.00186                        503621.98
3633625.90        1.85421
         503671.98    3633625.90        1.77231                        503721.98
3633625.90        1.85541
         503771.98    3633625.90        1.66850                        503821.98
3633625.90        1.65504
         503871.98    3633625.90        1.71728                        503921.98
3633625.90        1.68298
         503971.98    3633625.90        1.67065                        504021.98
3633625.90        1.60728
         504071.98    3633625.90        1.56214                        504121.98
3633625.90        1.63517
         504171.98    3633625.90        1.64549                        504221.98
3633625.90        1.60529
         504271.98    3633625.90        1.44073                        504321.98
3633625.90        1.31000
         504371.98    3633625.90        1.20845                        504421.98
3633625.90        1.16028
         504471.98    3633625.90        1.15470                        504521.98
3633625.90        1.23101
         504571.98    3633625.90        1.24566                        504621.98
3633625.90        1.22063
         504671.98    3633625.90        1.21876                        504721.98
3633625.90        1.17504
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 311
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 1.18382 | 502771.98 | 3633675.90 | 1.24847 |
| 502821.98 | 3633675.90 | 1.31776 | 502871.98 | 3633675.90 | 1.39239 |
| 502921.98 | 3633675.90 | 1.47343 | 502971.98 | 3633675.90 | 1.55959 |
| 503021.98 | 3633675.90 | 1.65161 | 503071.98 | 3633675.90 | 1.74850 |
| 503121.98 | 3633675.90 | 1.85188 | 503171.98 | 3633675.90 | 1.96132 |
| 503221.98 | 3633675.90 | 2.07643 | 503271.98 | 3633675.90 | 2.19556 |
| 503321.98 | 3633675.90 | 2.31575 | 503371.98 | 3633675.90 | 2.43772 |
| 503421.98 | 3633675.90 | 2.55739 | 503471.98 | 3633675.90 | 2.67012 |
| 503521.98 | 3633675.90 | 2.45107 | 503571.98 | 3633675.90 | 2.05594 |
| 503671.98 | 3633675.90 | 2.01900 | 503721.98 | 3633675.90 | 2.07097 |
| 503771.98 | 3633675.90 | 2.05765 | 503821.98 | 3633675.90 | 2.00350 |
| 503871.98 | 3633675.90 | 1.96487 | 503921.98 | 3633675.90 | 1.96694 |
| 503971.98 | 3633675.90 | 1.92323 | 504021.98 | 3633675.90 | 1.87010 |
| 504071.98 | 3633675.90 | 1.86747 | 504121.98 | 3633675.90 | 1.90377 |
| 504171.98 | 3633675.90 | 1.92097 | 504221.98 | 3633675.90 | 1.89090 |
| 504271.98 | 3633675.90 | 1.73523 | 504321.98 | 3633675.90 | 1.52961 |
| 504371.98 | 3633675.90 | 1.38465 | 504421.98 | | |

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3633675.90        1.33357
         504471.98    3633675.90        1.37329                        504521.98
3633675.90        1.41418
         504571.98    3633675.90        1.38665                        504621.98
3633675.90        1.36019
         504671.98    3633675.90        1.32808                        504721.98
3633675.90        1.29553
         502721.98    3633725.90        1.22723                        502771.98
3633725.90        1.29764
         502821.98    3633725.90        1.37302                        502871.98
3633725.90        1.45533
         502921.98    3633725.90        1.54544                        502971.98
3633725.90        1.64077
         503021.98    3633725.90        1.74177                        503071.98
3633725.90        1.85264
         503121.98    3633725.90        1.97050                        503171.98
3633725.90        2.09626
         503221.98    3633725.90        2.23014                        503271.98
3633725.90        2.37007
         503321.98    3633725.90        2.51551                        503371.98
3633725.90        2.66349
         503421.98    3633725.90        2.81166                        503471.98
3633725.90        2.95070
         503521.98    3633725.90        3.08588                        503571.98
3633725.90        2.79659
         503721.98    3633725.90        2.52713                        503771.98
3633725.90        2.40060
         503821.98    3633725.90        2.38921                        503871.98
3633725.90        2.31493
         503921.98    3633725.90        2.29192                        503971.98
3633725.90        2.19648
         504021.98    3633725.90        2.15808                        504071.98
3633725.90        2.16241
         504121.98    3633725.90        2.25510                        504171.98
3633725.90        2.22886
         504221.98    3633725.90        2.16793                        504271.98
3633725.90        2.15498
         504321.98    3633725.90        1.83258                        504371.98
3633725.90        1.64366
         504421.98    3633725.90        1.59081                        504471.98
3633725.90        1.61566
         504521.98    3633725.90        1.59802                        504571.98
3633725.90        1.54806
         504621.98    3633725.90        1.56254                        504671.98
3633725.90        1.50058
         504721.98    3633725.90        1.42150                        502721.98
3633775.90        1.27061
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 1.34702 | 502821.98 | 3633775.90 | 1.42965 |
| 502871.98 | 3633775.90 | 1.51944 | 502921.98 | 3633775.90 | 1.61839 |
| 502971.98 | 3633775.90 | 1.72518 | 503021.98 | 3633775.90 | 1.83951 |
| 503071.98 | 3633775.90 | 1.96341 | 503121.98 | 3633775.90 | 2.09741 |
| 503171.98 | 3633775.90 | 2.24210 | 503221.98 | 3633775.90 | 2.39710 |
| 503271.98 | 3633775.90 | 2.56254 | 503321.98 | 3633775.90 | 2.73600 |
| 503371.98 | 3633775.90 | 2.91554 | 503421.98 | 3633775.90 | 3.09842 |
| 503471.98 | 3633775.90 | 3.27956 | 503771.98 | 3633775.90 | 2.83391 |
| 503821.98 | 3633775.90 | 2.79834 | 503871.98 | 3633775.90 | 2.77890 |
| 503921.98 | 3633775.90 | 2.63925 | 503971.98 | 3633775.90 | 2.53281 |
| 504021.98 | 3633775.90 | 2.51480 | 504071.98 | 3633775.90 | 2.74213 |
| 504121.98 | 3633775.90 | 2.69698 | 504171.98 | 3633775.90 | 2.67866 |
| 504221.98 | 3633775.90 | 2.59850 | 504271.98 | 3633775.90 | 2.47653 |
| 504321.98 | 3633775.90 | 2.18296 | 504371.98 | 3633775.90 | 2.01482 |

504421.98 3633775.90 1.94949 504471.98 3633775.90 1.84558
504521.98 3633775.90 1.88885 504571.98 3633775.90 1.93443
504621.98 3633775.90 1.82960 504671.98 3633775.90 1.70365
504721.98 3633775.90 1.59114 502721.98 3633825.90 1.31428
502771.98 3633825.90 1.39665 502821.98 3633825.90 1.48679
502871.98 3633825.90 1.58503 502921.98 3633825.90 1.69418
502971.98 3633825.90 1.81207 503021.98 3633825.90 1.94007
503071.98 3633825.90 2.08012 503121.98 3633825.90 2.23298
503171.98 3633825.90 2.39995 503221.98 3633825.90 2.58084
503271.98 3633825.90 2.77593 503771.98 3633825.90 3.54052
503821.98 3633825.90 3.52742 503871.98 3633825.90 3.32834
503921.98 3633825.90 3.08155 503971.98 3633825.90 3.01715
504021.98 3633825.90 3.29887 504071.98 3633825.90 3.22299
504121.98 3633825.90 3.20034 504171.98 3633825.90 3.23501
504221.98 3633825.90 3.12793 504271.98 3633825.90 3.02174
504321.98 3633825.90 2.87979 504371.98 3633825.90 2.68236
504421.98 3633825.90 2.45608 504471.98 3633825.90 2.32611
504521.98 3633825.90 2.27340 504571.98 3633825.90 2.25987
504621.98 3633825.90 2.06930 504671.98 3633825.90 1.89929
504721.98 3633825.90 1.79784 502721.98 3633875.90 1.35704
502771.98 3633875.90 1.44598 502821.98 3633875.90 1.54344
502871.98 3633875.90 1.65035 502921.98 3633875.90 1.77102
502971.98 3633875.90 1.90099 503021.98 3633875.90 2.04437
503071.98 3633875.90 2.20302 503121.98 3633875.90 2.37627
503171.98 3633875.90 2.56821 503221.98 3633875.90 2.77915

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3633925.90 1.98972
503021.98 3633925.90 2.14962 503071.98
3633925.90 2.32824
503121.98 3633925.90 2.52616 503171.98
3633925.90 2.74627
503221.98 3633925.90 2.99060 503271.98
3633925.90 3.26293
503821.98 3633925.90 5.22808 503871.98
3633925.90 5.01048
503921.98 3633925.90 5.02624 503971.98
3633925.90 5.26398
504021.98 3633925.90 4.91854 504071.98
3633925.90 4.80500
504121.98 3633925.90 4.64298 504171.98
3633925.90 4.58810
504221.98 3633925.90 4.48460 504271.98
3633925.90 4.26639
504321.98 3633925.90 4.07718 504371.98
3633925.90 3.76412
504421.98 3633925.90 3.55903 504471.98
3633925.90 3.30358
504521.98 3633925.90 3.02914 504571.98
3633925.90 2.66986
504621.98 3633925.90 2.39151 504671.98
3633925.90 2.17514
504721.98 3633925.90 1.98016 502721.98
3633975.90 1.43934
502771.98 3633975.90 1.54016 502821.98
3633975.90 1.65223
502871.98 3633975.90 1.78002 502921.98
3633975.90 1.92188
502971.98 3633975.90 2.07819 503021.98
3633975.90 2.25530
503071.98 3633975.90 2.45440 503121.98
3633975.90 2.67887
503171.98 3633975.90 2.93149 503221.98
3633975.90 3.21640
503271.98 3633975.90 3.53782 503821.98
3633975.90 6.59899
503871.98 3633975.90 6.49689 503921.98
3633975.90 7.38317
503971.98 3633975.90 6.54763 504021.98
3633975.90 6.14972
504071.98 3633975.90 5.85686 504121.98
3633975.90 5.74745
504171.98 3633975.90 5.57551 504221.98
3633975.90 5.27685
504271.98 3633975.90 4.99622 504321.98
3633975.90 4.74900
504371.98 3633975.90 4.31485 504421.98

3633975.90        3.99963
         504471.98    3633975.90        3.47535                        504521.98
3633975.90        2.96580
         504571.98    3633975.90        2.67060                        504621.98
3633975.90        2.39952
         504671.98    3633975.90        2.13432                        504721.98
3633975.90        1.87532

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3634025.90        1.47988                        502771.98
3634025.90        1.58793
         502821.98    3634025.90        1.70706                        502871.98
3634025.90        1.84159
         502921.98    3634025.90        1.99275                        502971.98
3634025.90        2.16456
         503021.98    3634025.90        2.36066                        503071.98
3634025.90        2.58033
         503121.98    3634025.90        2.83243                        503171.98
3634025.90        3.12104
         503221.98    3634025.90        3.45098                        503271.98
3634025.90        3.82890
         503871.98    3634025.90        9.34318                        503921.98
3634025.90        9.02299
         503971.98    3634025.90        7.98627                        504021.98
3634025.90        7.65029
         504071.98    3634025.90        7.29168                        504121.98
3634025.90        7.02233

504171.98 3634025.90 6.62626 504221.98 3634025.90 6.26583
504271.98 3634025.90 5.80886 504321.98 3634025.90 5.37294
504371.98 3634025.90 4.78391 504421.98 3634025.90 3.97101
504471.98 3634025.90 3.42220 504521.98 3634025.90 3.03047
504571.98 3634025.90 2.65768 504621.98 3634025.90 2.28045
504671.98 3634025.90 2.01713 504721.98 3634025.90 1.81035
502721.98 3634075.90 1.51693 502771.98 3634075.90 1.62824
502821.98 3634075.90 1.75524 502871.98 3634075.90 1.90013
502921.98 3634075.90 2.06272 502971.98 3634075.90 2.24741
503021.98 3634075.90 2.46095 503071.98 3634075.90 2.70437
503121.98 3634075.90 2.98495 503171.98 3634075.90 3.31089
503221.98 3634075.90 3.68919 503271.98 3634075.90 4.13180
503871.98 3634075.90 11.86393 503921.98 3634075.90 11.30053
503971.98 3634075.90 10.55669 504021.98 3634075.90 9.52436
504071.98 3634075.90 9.03100 504121.98 3634075.90 8.57192
504171.98 3634075.90 8.01996 504221.98 3634075.90 7.40310
504271.98 3634075.90 6.74919 504321.98 3634075.90 5.91910
504371.98 3634075.90 4.88631 504421.98 3634075.90 4.11063
504471.98 3634075.90 3.45086 504521.98 3634075.90 2.89173
504571.98 3634075.90 2.47178 504621.98 3634075.90 2.11380
504671.98 3634075.90 1.92279 504721.98 3634075.90 1.78096
502721.98 3634125.90 1.55067 502771.98 3634125.90 1.66649
502821.98 3634125.90 1.80062 502871.98 3634125.90 1.95448
502921.98 3634125.90 2.12680 502971.98 3634125.90 2.32507
503021.98 3634125.90 2.55579 503071.98 3634125.90 2.82109

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 6.37034 | 504371.98 | 3634125.90 | 5.24654 |
| 504421.98 | 3634125.90 | 4.21379 | 504471.98 | 3634125.90 | 3.25766 |
| 504521.98 | 3634125.90 | 2.77704 | 504571.98 | 3634125.90 | 2.36430 |
| 504621.98 | 3634125.90 | 2.05979 | 504671.98 | 3634125.90 | 1.87811 |
| 504721.98 | 3634125.90 | 1.68954 | 502721.98 | 3634175.90 | 1.57698 |
| 502771.98 | 3634175.90 | 1.70066 | 502821.98 | 3634175.90 | 1.84205 |
| 502871.98 | 3634175.90 | 2.00341 | 502921.98 | | |

3634175.90 2.18524
502971.98 3634175.90 2.39587 503021.98
3634175.90 2.64306
503071.98 3634175.90 2.92856 503121.98
3634175.90 3.26582
503171.98 3634175.90 3.66515 503221.98
3634175.90 4.13993
503271.98 3634175.90 4.72356 503971.98
3634175.90 17.57477
504021.98 3634175.90 15.62360 504071.98
3634175.90 13.70500
504121.98 3634175.90 11.86298 504171.98
3634175.90 10.26084
504221.98 3634175.90 9.47986 504271.98
3634175.90 8.15164
504321.98 3634175.90 6.91270 504371.98
3634175.90 4.93608
504421.98 3634175.90 3.51983 504471.98
3634175.90 3.04289
504521.98 3634175.90 2.62715 504571.98
3634175.90 2.16709
504621.98 3634175.90 1.85891 504671.98
3634175.90 1.64809
504721.98 3634175.90 1.44568 502721.98
3634225.90 1.60176
502771.98 3634225.90 1.73171 502821.98
3634225.90 1.87940
502871.98 3634225.90 2.04690 502921.98
3634225.90 2.23665
502971.98 3634225.90 2.45817 503021.98
3634225.90 2.71949
503071.98 3634225.90 3.02410 503121.98
3634225.90 3.38614
503171.98 3634225.90 3.81917 503221.98
3634225.90 4.34610
503271.98 3634225.90 4.99993 504071.98
3634225.90 16.65458
504121.98 3634225.90 13.71304 504171.98
3634225.90 11.32854
504221.98 3634225.90 9.46835 504271.98
3634225.90 8.39939
504321.98 3634225.90 6.99593 504371.98
3634225.90 4.62840
504421.98 3634225.90 3.27817 504471.98
3634225.90 2.81800
504521.98 3634225.90 2.40852 504571.98
3634225.90 1.99912
504621.98 3634225.90 1.69680 504671.98
3634225.90 1.47805
504721.98 3634225.90 1.31047 502721.98

3634275.90        1.62337
         502771.98    3634275.90        1.75547                        502821.98
3634275.90        1.90803
         502871.98    3634275.90        2.08488                        502921.98
3634275.90        2.28057
         502971.98    3634275.90        2.50914                        503021.98
3634275.90        2.78388
         503071.98    3634275.90        3.10448                        503121.98
3634275.90        3.48760
         503171.98    3634275.90        3.95315                        503221.98
3634275.90        4.52423
         503271.98    3634275.90        5.24458                        504121.98
3634275.90       15.01338
         504171.98    3634275.90       11.98270                        504221.98
3634275.90        9.98436
         504271.98    3634275.90        8.21226                        504321.98
3634275.90        6.60466

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504371.98    3634275.90        4.72497                        504421.98
3634275.90        3.36646
         504471.98    3634275.90        2.67998                        504521.98
3634275.90        2.20965
         504571.98    3634275.90        1.85148                        504621.98
3634275.90        1.60901
         504671.98    3634275.90        1.41753                        504721.98
3634275.90        1.28239

```
         502721.98    3634325.90        1.62916                    502771.98
3634325.90        1.76555
         502821.98    3634325.90        1.91926                    502871.98
3634325.90        2.11374
         502971.98    3634325.90        2.54934                    503021.98
3634325.90        2.83196
         503071.98    3634325.90        3.16677                    503121.98
3634325.90        3.56677
         503171.98    3634325.90        4.05611                    503221.98
3634325.90        4.66291
         503271.98    3634325.90        5.43350                    504171.98
3634325.90       12.01898
         504221.98    3634325.90        9.40420                    504271.98
3634325.90        7.87137
         504321.98    3634325.90        6.44245                    504371.98
3634325.90        4.99046
         504421.98    3634325.90        3.48585                    504471.98
3634325.90        2.71457
         504521.98    3634325.90        2.17674                    504571.98
3634325.90        1.80768
         504621.98    3634325.90        1.55893                    504671.98
3634325.90        1.38450
         504721.98    3634325.90        1.26498                    502721.98
3634375.90        1.63465
         502771.98    3634375.90        1.77356                    502821.98
3634375.90        1.92797
         503021.98    3634375.90        2.85581                    503071.98
3634375.90        3.20458
         503121.98    3634375.90        3.61544                    503171.98
3634375.90        4.11626
         503221.98    3634375.90        4.74580                    503271.98
3634375.90        5.54683
         504221.98    3634375.90        9.39988                    504271.98
3634375.90        7.73674
         504321.98    3634375.90        6.53486                    504371.98
3634375.90        4.82310
         504421.98    3634375.90        3.15385                    504471.98
3634375.90        2.44352
         504521.98    3634375.90        2.04702                    504571.98
3634375.90        1.76990
         504621.98    3634375.90        1.56587                    504671.98
3634375.90        1.40646
         504721.98    3634375.90        1.28088                    502721.98
3634425.90        1.64408
         502771.98    3634425.90        1.78029                    502821.98
3634425.90        1.93540
         504271.98    3634425.90        7.61850                    504321.98
3634425.90        6.46600
         504371.98    3634425.90        5.14392                    504421.98
3634425.90        3.51397
```

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         504471.98    3634525.90        4.03058                      504521.98
3634525.90        3.49904
         504571.98    3634525.90        3.02932                      504621.98

```
3634525.90        2.55678
         504671.98    3634525.90        2.01879                   504721.98
3634525.90        1.67408
         502721.98    3634575.90        1.63654                   502771.98
3634575.90        1.76989
         504421.98    3634575.90        4.34403                   504471.98
3634575.90        3.83814
         504521.98    3634575.90        3.42037                   504571.98
3634575.90        3.14760
         504621.98    3634575.90        2.79130                   504671.98
3634575.90        2.35492
         504721.98    3634575.90        1.96495                   502721.98
3634625.90        1.61664
         502771.98    3634625.90        1.74497                   502821.98
3634625.90        1.89233
         502871.98    3634625.90        2.05768                   502921.98
3634625.90        2.24614
         502971.98    3634625.90        2.46401                   503021.98
3634625.90        2.71685
         503071.98    3634625.90        3.01212                   503121.98
3634625.90        3.35868
         504471.98    3634625.90        3.68647                   504521.98
3634625.90        3.30048
         504571.98    3634625.90        2.97412                   504621.98
3634625.90        2.75155
         504671.98    3634625.90        2.51997                   504721.98
3634625.90        2.25877
         502721.98    3634675.90        1.59062                   502771.98
3634675.90        1.71420
         502821.98    3634675.90        1.85428                   502871.98
3634675.90        2.01145
         502921.98    3634675.90        2.18973                   502971.98
3634675.90        2.39487
         503021.98    3634675.90        2.62879                   503071.98
3634675.90        2.90005
         503121.98    3634675.90        3.22043                   503171.98
3634675.90        3.59321
         503221.98    3634675.90        4.03595                   503271.98
3634675.90        4.55612
         503321.98    3634675.90        5.19080                   503371.98
3634675.90        5.96265
         503421.98    3634675.90        6.90028                   503471.98
3634675.90        8.02599
         503521.98    3634675.90        9.32980                   504521.98
3634675.90        3.16621
         504571.98    3634675.90        2.86736                   504621.98
3634675.90        2.60517
         504671.98    3634675.90        2.38126                   504721.98
3634675.90        2.22955
         502721.98    3634725.90        1.55859                   502771.98
```

3634725.90        1.67594
         502821.98    3634725.90        1.80750                        502871.98
3634725.90        1.95632
         502921.98    3634725.90        2.12329                        502971.98
3634725.90        2.31308
         503021.98    3634725.90        2.52970                        503071.98
3634725.90        2.77743
         503121.98    3634725.90        3.06686                        503171.98
3634725.90        3.40101
         503221.98    3634725.90        3.79254                        503271.98
3634725.90        4.24746
         503321.98    3634725.90        4.79042                        503371.98
3634725.90        5.43102
         503421.98    3634725.90        6.17800                        503471.98
3634725.90        7.02533
         503521.98    3634725.90        7.98962                        503571.98
3634725.90        9.04582
         503621.98    3634725.90       10.03894                        504571.98
3634725.90        2.74622
         504621.98    3634725.90        2.50679                        504671.98
3634725.90        2.29984
         504721.98    3634725.90        2.11720                        502721.98
3634775.90        1.52175
         502771.98    3634775.90        1.63200                        502821.98
3634775.90        1.75600
         502871.98    3634775.90        1.89455                        502921.98
3634775.90        2.04975

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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```
         502721.98    3634875.90        1.43770                       502771.98
3634875.90        1.53539
         502821.98    3634875.90        1.64302                       502871.98
3634875.90        1.76165
         502921.98    3634875.90        1.89448                       502971.98
3634875.90        2.04203
         503021.98    3634875.90        2.20692                       503071.98
3634875.90        2.39188
         503121.98    3634875.90        2.59903                       503171.98
3634875.90        2.82832
         503221.98    3634875.90        3.08767                       503271.98
3634875.90        3.37609
         503321.98    3634875.90        3.68916                       503371.98
3634875.90        4.03042
         503421.98    3634875.90        4.39174                       503471.98
3634875.90        4.76303
         503521.98    3634875.90        5.14007                       503571.98
3634875.90        5.50421
         503621.98    3634875.90        5.84044                       503671.98
3634875.90        6.12321
         503721.98    3634875.90        6.32882                       503771.98
3634875.90        6.44780
         503821.98    3634875.90        6.46658                       503871.98
3634875.90        6.39146
         503921.98    3634875.90        6.54018                       504721.98
3634875.90        1.88778
         502721.98    3634925.90        1.39332                       502771.98
3634925.90        1.48413
         502821.98    3634925.90        1.58442                       502871.98
3634925.90        1.69414
         502921.98    3634925.90        1.81663                       502971.98
3634925.90        1.95167
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 319
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 2.10137 | 503071.98 | 3634925.90 | 2.26736 |
| 503121.98 | 3634925.90 | 2.45105 | 503171.98 | 3634925.90 | 2.65365 |
| 503221.98 | 3634925.90 | 2.87554 | 503271.98 | 3634925.90 | 3.11647 |
| 503321.98 | 3634925.90 | 3.37555 | 503371.98 | 3634925.90 | 3.64965 |
| 503421.98 | 3634925.90 | 3.93311 | 503471.98 | 3634925.90 | 4.21989 |
| 503521.98 | 3634925.90 | 4.50258 | 503571.98 | 3634925.90 | 4.77215 |
| 503621.98 | 3634925.90 | 5.01682 | 503671.98 | 3634925.90 | 5.21880 |
| 503721.98 | 3634925.90 | 5.35116 | 503771.98 | 3634925.90 | 5.40430 |
| 503821.98 | 3634925.90 | 5.54339 | 503871.98 | 3634925.90 | 5.69455 |
| 502721.98 | 3634975.90 | 1.34853 | 502771.98 | 3634975.90 | 1.43286 |
| 502821.98 | 3634975.90 | 1.52589 | 502871.98 | 3634975.90 | 1.62818 |
| 502921.98 | 3634975.90 | 1.74014 | 502971.98 | 3634975.90 | 1.86255 |
| 503021.98 | 3634975.90 | 1.99816 | 503071.98 | 3634975.90 | 2.14677 |
| 503121.98 | 3634975.90 | 2.30861 | 503171.98 | 3634975.90 | 2.48237 |
| 503221.98 | 3634975.90 | 2.67187 | 503271.98 | 3634975.90 | 2.87678 |
| 503321.98 | 3634975.90 | 3.09157 | 503371.98 | 3634975.90 | 3.31360 |
| 503421.98 | 3634975.90 | 3.53520 | 503471.98 | 3634975.90 | 3.75934 |
| 503521.98 | 3634975.90 | 3.97427 | 503571.98 | 3634975.90 | 4.17821 |
| 503621.98 | 3634975.90 | 4.36113 | 503671.98 | 3634975.90 | 4.51023 |
| 503721.98 | 3634975.90 | 4.56026 | 503771.98 | 3634975.90 | 4.76034 |
| 503821.98 | 3634975.90 | 4.85320 | 503871.98 | 3634975.90 | 4.84888 |
| 502721.98 | 3635025.90 | 1.30389 | 502771.98 | | |

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3635025.90        1.38312
         502821.98    3635025.90        1.46923                        502871.98
3635025.90        1.56318
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3635025.90        1.77740
         503021.98    3635025.90        1.89889                        503071.98
3635025.90        2.03030
         503121.98    3635025.90        2.17215                        503171.98
3635025.90        2.32464
         503221.98    3635025.90        2.48656                        503271.98
3635025.90        2.65671
         503321.98    3635025.90        2.83288                        503371.98
3635025.90        3.01189
         503421.98    3635025.90        3.18955                        503471.98
3635025.90        3.36574
         503521.98    3635025.90        3.53406                        503571.98
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         503621.98    3635025.90        3.82720                        503671.98
3635025.90        3.93514
         503721.98    3635025.90        4.05755                        503771.98
3635025.90        4.16689
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3635025.90        2.60812
         502721.98    3635075.90        1.26008                        502771.98
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3635075.90        1.49959
         502921.98    3635075.90        1.59299                        502971.98
3635075.90        1.69375
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3635075.90        1.91872
         503121.98    3635075.90        2.04281                        503171.98
3635075.90        2.17445
         503221.98    3635075.90        2.31203                        503271.98
3635075.90        2.45452
         503321.98    3635075.90        2.59977                        503371.98
3635075.90        2.74574
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503421.98 | 3635075.90 | 2.89014 | 503471.98 | 3635075.90 | 3.03040 |
| 503521.98 | 3635075.90 | 3.16339 | 503571.98 | 3635075.90 | 3.28531 |
| 503621.98 | 3635075.90 | 3.39124 | 503671.98 | 3635075.90 | 3.47182 |
| 503721.98 | 3635075.90 | 3.54517 | 503771.98 | 3635075.90 | 3.67148 |
| 503821.98 | 3635075.90 | 3.70964 | 504371.98 | 3635075.90 | 2.41482 |
| 504421.98 | 3635075.90 | 2.27542 | 504471.98 | 3635075.90 | 2.14137 |
| 504521.98 | 3635075.90 | 2.01732 | 502721.98 | 3635125.90 | 1.21675 |
| 502771.98 | 3635125.90 | 1.28475 | 502821.98 | 3635125.90 | 1.35805 |
| 502871.98 | 3635125.90 | 1.43721 | 502921.98 | 3635125.90 | 1.52239 |
| 502971.98 | 3635125.90 | 1.61317 | 503021.98 | 3635125.90 | 1.70990 |
| 503071.98 | 3635125.90 | 1.81225 | 503121.98 | 3635125.90 | 1.92042 |
| 503171.98 | 3635125.90 | 2.03365 | 503221.98 | 3635125.90 | 2.15016 |
| 503271.98 | 3635125.90 | 2.27005 | 503321.98 | 3635125.90 | 2.39020 |
| 503371.98 | 3635125.90 | 2.50993 | 503421.98 | 3635125.90 | 2.62823 |
| 503471.98 | 3635125.90 | 2.74114 | 503521.98 | 3635125.90 | 2.84743 |
| 503571.98 | 3635125.90 | 2.94017 | 503621.98 | 3635125.90 | 3.02475 |
| 503671.98 | 3635125.90 | 3.06471 | 503721.98 | 3635125.90 | 3.21528 |
| 503771.98 | 3635125.90 | 3.29768 | 503821.98 | 3635125.90 | 3.30067 |
| 504371.98 | 3635125.90 | 2.23959 | 504421.98 | 3635125.90 | 2.11946 |

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3635125.90        1.89684
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3635175.90        1.17434
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3635175.90        1.30431
         502871.98    3635175.90        1.37619                        502921.98
3635175.90        1.45366
         502971.98    3635175.90        1.53510                        503021.98
3635175.90        1.62082
         503071.98    3635175.90        1.71109                        503121.98
3635175.90        1.80547
         503171.98    3635175.90        1.90303                        503221.98
3635175.90        2.00212
         503271.98    3635175.90        2.10300                        503321.98
3635175.90        2.20292
         503371.98    3635175.90        2.30217                        503421.98
3635175.90        2.40023
         503471.98    3635175.90        2.49015                        503521.98
3635175.90        2.57702
         503571.98    3635175.90        2.65049                        503621.98
3635175.90        2.70135
         503671.98    3635175.90        2.77347                        503721.98
3635175.90        2.91500
         503771.98    3635175.90        2.93521                        503821.98
3635175.90        2.79914
         504371.98    3635175.90        2.07941                        504421.98
3635175.90        1.97813
         504471.98    3635175.90        1.88052                        504521.98
3635175.90        1.78525
         504571.98    3635175.90        1.69283                        504621.98
3635175.90        1.60832
         502721.98    3635225.90        1.13279                        502771.98
3635225.90        1.19088
         502821.98    3635225.90        1.25257                        502871.98
3635225.90        1.31789
         502921.98    3635225.90        1.38701                        502971.98
3635225.90        1.45995
         503021.98    3635225.90        1.53632                        503071.98
3635225.90        1.61586
         503121.98    3635225.90        1.69809                        503171.98
3635225.90        1.78218
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44

                                  PAGE 321
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 1.86735 | 503271.98 | 3635225.90 | 1.95270 |
| 503321.98 | 3635225.90 | 2.03724 | 503371.98 | 3635225.90 | 2.12008 |
| 503421.98 | 3635225.90 | 2.20033 | 503471.98 | 3635225.90 | 2.27633 |
| 503521.98 | 3635225.90 | 2.34456 | 503571.98 | 3635225.90 | 2.38997 |
| 503621.98 | 3635225.90 | 2.46542 | 503671.98 | 3635225.90 | 2.56664 |
| 504371.98 | 3635225.90 | 1.93412 | 504421.98 | 3635225.90 | 1.84900 |
| 504471.98 | 3635225.90 | 1.76454 | 504521.98 | 3635225.90 | 1.68165 |
| 504571.98 | 3635225.90 | 1.60034 | 504621.98 | 3635225.90 | 1.52338 |
| 502721.98 | 3635275.90 | 1.09190 | 502771.98 | 3635275.90 | 1.14491 |
| 502821.98 | 3635275.90 | 1.20113 | 502871.98 | 3635275.90 | 1.26068 |
| 502921.98 | 3635275.90 | 1.32276 | 502971.98 | 3635275.90 | 1.38804 |
| 503021.98 | 3635275.90 | 1.45533 | 503071.98 | 3635275.90 | 1.52496 |
| 503121.98 | 3635275.90 | 1.59628 | 503171.98 | 3635275.90 | 1.66865 |
| 503221.98 | 3635275.90 | 1.74297 | 503271.98 | 3635275.90 | 1.81528 |
| 503321.98 | 3635275.90 | 1.88686 | 503371.98 | 3635275.90 | 1.95616 |
| 503421.98 | 3635275.90 | 2.02364 | 503471.98 | 3635275.90 | 2.08719 |
| 503521.98 | 3635275.90 | 2.14621 | 503571.98 | | |

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3635275.90        2.19457
         503621.98    3635275.90        2.23283                     504371.98
3635275.90        1.79949
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3635275.90        1.65528
         504521.98    3635275.90        1.58405                     504571.98
3635275.90        1.51380
         504621.98    3635275.90        1.44500                     504671.98
3635275.90        1.38007
         502721.98    3635325.90        1.05199                     502771.98
3635325.90        1.10066
         502821.98    3635325.90        1.15198                     502871.98
3635325.90        1.20576
         502921.98    3635325.90        1.26164                     502971.98
3635325.90        1.31992
         503021.98    3635325.90        1.37949                     503071.98
3635325.90        1.44068
         503121.98    3635325.90        1.50272                     503171.98
3635325.90        1.56527
         503221.98    3635325.90        1.62935                     503271.98
3635325.90        1.69109
         503321.98    3635325.90        1.75179                     503371.98
3635325.90        1.81045
         503421.98    3635325.90        1.86711                     503471.98
3635325.90        1.92055
         503521.98    3635325.90        1.97031                     503571.98
3635325.90        2.01221
         503621.98    3635325.90        2.03524                     504371.98
3635325.90        1.67893
         504421.98    3635325.90        1.61714                     504471.98
3635325.90        1.55514
         504521.98    3635325.90        1.49363                     504571.98
3635325.90        1.43248
         504621.98    3635325.90        1.37153                     504671.98
3635325.90        1.31214
         504721.98    3635325.90        1.25697                     502721.98
3635375.90        1.01292
         502771.98    3635375.90        1.02776                     502821.98
3635375.90        1.07211
         502871.98    3635375.90        1.12087                     502921.98
3635375.90        1.17603
         502971.98    3635375.90        1.25504                     503021.98
3635375.90        1.28820
         503071.98    3635375.90        1.33681                     503121.98
3635375.90        1.41558
         503171.98    3635375.90        1.47020                     503221.98
3635375.90        1.52560
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 1.57867 | 503321.98 | 3635375.90 | 1.63047 |
| 503371.98 | 3635375.90 | 1.68064 | 503421.98 | 3635375.90 | 1.72891 |
| 503471.98 | 3635375.90 | 1.77429 | 503521.98 | 3635375.90 | 1.81587 |
| 503571.98 | 3635375.90 | 1.85119 | 503621.98 | 3635375.90 | 1.88052 |
| 503671.98 | 3635375.90 | 1.91585 | 503721.98 | 3635375.90 | 2.00843 |
| 504371.98 | 3635375.90 | 1.56994 | 504421.98 | 3635375.90 | 1.51668 |
| 504471.98 | 3635375.90 | 1.46316 | 504521.98 | 3635375.90 | 1.40926 |
| 504571.98 | 3635375.90 | 1.35577 | 504621.98 | 3635375.90 | 1.30190 |
| 504671.98 | 3635375.90 | 1.24937 | 504721.98 | 3635375.90 | 1.19858 |
| 502721.98 | 3635425.90 | 0.95677 | 502771.98 | 3635425.90 | 0.98512 |
| 502821.98 | 3635425.90 | 1.02604 | 502871.98 | 3635425.90 | 1.07027 |
| 502921.98 | 3635425.90 | 1.11736 | 502971.98 | 3635425.90 | 1.16693 |
| 503021.98 | 3635425.90 | 1.21549 | 503071.98 | 3635425.90 | 1.26401 |
| 503121.98 | 3635425.90 | 1.33555 | 503171.98 | 3635425.90 | 1.38289 |

503221.98 3635425.90 1.42996 503271.98 3635425.90 1.47493
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503071.98 3635475.90 1.19997 503121.98 3635475.90 1.26133
503171.98 3635475.90 1.30263 503221.98 3635475.90 1.34303
503271.98 3635475.90 1.38250 503321.98 3635475.90 1.42129
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503771.98 3635475.90 1.69109 503821.98 3635475.90 1.70548
503871.98 3635475.90 1.71656 503921.98 3635475.90 1.73997
504371.98 3635475.90 1.38117 504421.98 3635475.90 1.34045
504471.98 3635475.90 1.29895 504521.98 3635475.90 1.25798

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 1.13319 | 504721.98 | 3635475.90 | 1.13482 |
| 502221.98 | 3632975.90 | 0.52159 | 502271.98 | 3632975.90 | 0.53676 |
| 502321.98 | 3632975.90 | 0.55248 | 502371.98 | 3632975.90 | 0.56877 |
| 502421.98 | 3632975.90 | 0.58557 | 502471.98 | 3632975.90 | 0.60288 |
| 502521.98 | 3632975.90 | 0.62049 | 502571.98 | 3632975.90 | 0.63876 |
| 502621.98 | 3632975.90 | 0.65752 | 502671.98 | 3632975.90 | 0.67650 |
| 502721.98 | 3632975.90 | 0.69573 | 502771.98 | 3632975.90 | 0.71508 |
| 502821.98 | 3632975.90 | 0.61459 | 502871.98 | 3632975.90 | 0.53565 |
| 502921.98 | 3632975.90 | 0.54667 | 502971.98 | 3632975.90 | 0.39581 |
| 503021.98 | 3632975.90 | 0.40115 | 503071.98 | 3632975.90 | 0.47077 |
| 503121.98 | 3632975.90 | 0.55083 | 503171.98 | 3632975.90 | 0.62028 |
| 503221.98 | 3632975.90 | 0.65681 | 503271.98 | | |

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3632975.90 0.39834
504221.98 3632975.90 0.39865 504271.98
3632975.90 0.39901
504321.98 3632975.90 0.39800 504371.98
3632975.90 0.39314
504421.98 3632975.90 0.39046 504471.98
3632975.90 0.38970
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3632975.90 0.39226
504621.98 3632975.90 0.39313 504671.98
3632975.90 0.39462
504721.98 3632975.90 0.39731 504771.98
3632975.90 0.40064
504821.98 3632975.90 0.40263 504871.98
3632975.90 0.40384
504921.98 3632975.90 0.40410 504971.98
3632975.90 0.40317
505021.98 3632975.90 0.40159 505071.98
3632975.90 0.40132
505121.98 3632975.90 0.40362 505171.98
3632975.90 0.40831
505221.98 3632975.90 0.41295 502221.98
3633025.90 0.53475
502271.98 3633025.90 0.55152 502321.98
3633025.90 0.56806
502371.98 3633025.90 0.58544 502421.98
3633025.90 0.60341
502471.98 3633025.90 0.62175 502521.98
3633025.90 0.64081
502571.98 3633025.90 0.66046 502621.98
3633025.90 0.68062
502671.98 3633025.90 0.70109 502721.98
3633025.90 0.72197
502771.98 3633025.90 0.74313 502821.98

3633025.90        0.63093
         502871.98    3633025.90        0.59696                        502921.98
3633025.90        0.56797
         502971.98    3633025.90        0.41291                        503021.98
3633025.90        0.44461
         503071.98    3633025.90        0.54239                        503121.98
3633025.90        0.63580


                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503171.98    3633025.90        0.67500                        503221.98
3633025.90        0.71847
         503271.98    3633025.90        0.71956                        503321.98
3633025.90        0.72901
         503371.98    3633025.90        0.71768                        503421.98
3633025.90        0.66882
         503471.98    3633025.90        0.68265                        503621.98
3633025.90        0.62169
         503671.98    3633025.90        0.60787                        503721.98
3633025.90        0.59773
         503771.98    3633025.90        0.52303                        503821.98
3633025.90        0.45615
         503871.98    3633025.90        0.41962                        503921.98
3633025.90        0.41173
         503971.98    3633025.90        0.41281                        504021.98
3633025.90        0.41439
         504071.98    3633025.90        0.41559                        504121.98
3633025.90        0.41735

504171.98 3633025.90 0.41944 504221.98 3633025.90 0.42108
504271.98 3633025.90 0.42091 504321.98 3633025.90 0.41940
504371.98 3633025.90 0.41477 504421.98 3633025.90 0.41235
504471.98 3633025.90 0.41228 504521.98 3633025.90 0.41264
504571.98 3633025.90 0.41377 504621.98 3633025.90 0.41538
504671.98 3633025.90 0.41793 504721.98 3633025.90 0.42162
504771.98 3633025.90 0.42553 504821.98 3633025.90 0.42757
504871.98 3633025.90 0.42887 504921.98 3633025.90 0.42860
504971.98 3633025.90 0.42700 505021.98 3633025.90 0.42547
505071.98 3633025.90 0.42649 505121.98 3633025.90 0.42994
505171.98 3633025.90 0.43457 505221.98 3633025.90 0.43967
502221.98 3633075.90 0.54899 502271.98 3633075.90 0.56661
502321.98 3633075.90 0.58433 502371.98 3633075.90 0.60272
502421.98 3633075.90 0.62182 502471.98 3633075.90 0.64131
502521.98 3633075.90 0.66175 502571.98 3633075.90 0.68297
502621.98 3633075.90 0.70470 502671.98 3633075.90 0.72691
502721.98 3633075.90 0.74950 502771.98 3633075.90 0.77265
502821.98 3633075.90 0.69421 502871.98 3633075.90 0.66632
502921.98 3633075.90 0.63703 502971.98 3633075.90 0.57411
503021.98 3633075.90 0.61241 503071.98 3633075.90 0.64044
503121.98 3633075.90 0.69653 503171.98 3633075.90 0.73595
503221.98 3633075.90 0.79357 503271.98 3633075.90 0.77593
503321.98 3633075.90 0.76827 503371.98 3633075.90 0.75236
503421.98 3633075.90 0.70767 503471.98 3633075.90 0.72256
503621.98 3633075.90 0.64751 503671.98 3633075.90 0.62373

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504321.98    3633075.90        0.44474                      504371.98
3633075.90        0.43936
         504421.98    3633075.90        0.43812                      504471.98
3633075.90        0.43726
         504521.98    3633075.90        0.43770                      504571.98
3633075.90        0.43918
         504621.98    3633075.90        0.44139                      504671.98
3633075.90        0.44504
         504721.98    3633075.90        0.44931                      504771.98
3633075.90        0.45307
         504821.98    3633075.90        0.45482                      504871.98
3633075.90        0.45575
         504921.98    3633075.90        0.45675                      504971.98

3633075.90 0.45448
505021.98 3633075.90 0.45376 505071.98
3633075.90 0.45535
505121.98 3633075.90 0.45796 505171.98
3633075.90 0.46100
505221.98 3633075.90 0.46378 502221.98
3633125.90 0.56380
502271.98 3633125.90 0.58204 502321.98
3633125.90 0.60087
502371.98 3633125.90 0.62041 502421.98
3633125.90 0.64078
502471.98 3633125.90 0.66173 502521.98
3633125.90 0.68358
502571.98 3633125.90 0.70623 502621.98
3633125.90 0.72964
502671.98 3633125.90 0.75379 502721.98
3633125.90 0.77842
502771.98 3633125.90 0.80343 502821.98
3633125.90 0.82907
502871.98 3633125.90 0.73463 502921.98
3633125.90 0.72756
502971.98 3633125.90 0.69112 503021.98
3633125.90 0.68380
503071.98 3633125.90 0.72347 503121.98
3633125.90 0.76438
503171.98 3633125.90 0.81421 503221.98
3633125.90 0.84996
503271.98 3633125.90 0.84412 503321.98
3633125.90 0.84908
503371.98 3633125.90 0.80575 503421.98
3633125.90 0.74773
503471.98 3633125.90 0.76409 503621.98
3633125.90 0.67099
503671.98 3633125.90 0.63353 503721.98
3633125.90 0.61885
503771.98 3633125.90 0.52640 503821.98
3633125.90 0.47428
503871.98 3633125.90 0.45436 503921.98
3633125.90 0.45910
503971.98 3633125.90 0.46673 504021.98
3633125.90 0.46411
504071.98 3633125.90 0.46895 504121.98
3633125.90 0.47323
504171.98 3633125.90 0.47529 504221.98
3633125.90 0.47562
504271.98 3633125.90 0.47508 504321.98
3633125.90 0.47224
504371.98 3633125.90 0.46899 504421.98
3633125.90 0.46802
504471.98 3633125.90 0.46644 504521.98

3633125.90        0.46671
         504571.98    3633125.90        0.46841                        504621.98
3633125.90        0.47186
         504671.98    3633125.90        0.47656                        504721.98
3633125.90        0.48060
         504771.98    3633125.90        0.48310                        504821.98
3633125.90        0.48388
         504871.98    3633125.90        0.48544                        504921.98
3633125.90        0.49064
         504971.98    3633125.90        0.48860                        505021.98
3633125.90        0.48659
         505071.98    3633125.90        0.48585                        505121.98
3633125.90        0.48624
         505171.98    3633125.90        0.48686                        505221.98
3633125.90        0.48954
         502221.98    3633175.90        0.57850                        502271.98
3633175.90        0.59762

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

| | | | | | |
|---|---|---|---|---|---|
| 502721.98 | 3633175.90 | 0.80805 | 502771.98 | 3633175.90 | 0.83521 |
| 502821.98 | 3633175.90 | 0.75166 | 502871.98 | 3633175.90 | 0.89228 |
| 502921.98 | 3633175.90 | 0.79699 | 502971.98 | 3633175.90 | 0.81434 |
| 503021.98 | 3633175.90 | 0.80729 | 503071.98 | 3633175.90 | 0.84108 |
| 503121.98 | 3633175.90 | 0.84869 | 503171.98 | 3633175.90 | 0.90303 |
| 503221.98 | 3633175.90 | 0.89191 | 503271.98 | 3633175.90 | 0.88357 |
| 503321.98 | 3633175.90 | 0.89497 | 503371.98 | 3633175.90 | 0.84640 |
| 503421.98 | 3633175.90 | 0.80150 | 503471.98 | 3633175.90 | 0.80040 |
| 503621.98 | 3633175.90 | 0.66886 | 503671.98 | 3633175.90 | 0.66028 |
| 503721.98 | 3633175.90 | 0.60684 | 503771.98 | 3633175.90 | 0.52661 |
| 503821.98 | 3633175.90 | 0.48897 | 503871.98 | 3633175.90 | 0.47925 |
| 503921.98 | 3633175.90 | 0.48988 | 503971.98 | 3633175.90 | 0.49802 |
| 504021.98 | 3633175.90 | 0.49560 | 504071.98 | 3633175.90 | 0.50164 |
| 504121.98 | 3633175.90 | 0.50779 | 504171.98 | 3633175.90 | 0.51289 |
| 504221.98 | 3633175.90 | 0.51129 | 504271.98 | 3633175.90 | 0.50841 |
| 504321.98 | 3633175.90 | 0.50495 | 504371.98 | 3633175.90 | 0.50670 |
| 504421.98 | 3633175.90 | 0.50233 | 504471.98 | 3633175.90 | 0.49942 |
| 504521.98 | 3633175.90 | 0.49948 | 504571.98 | 3633175.90 | 0.50203 |
| 504621.98 | 3633175.90 | 0.50711 | 504671.98 | 3633175.90 | 0.51260 |
| 504721.98 | 3633175.90 | 0.51568 | 504771.98 | 3633175.90 | 0.51660 |
| 504821.98 | 3633175.90 | 0.51632 | 504871.98 | 3633175.90 | 0.51953 |
| 504921.98 | 3633175.90 | 0.52996 | 504971.98 | 3633175.90 | 0.52490 |
| 505021.98 | 3633175.90 | 0.52026 | 505071.98 | 3633175.90 | 0.51748 |
| 505121.98 | 3633175.90 | 0.51514 | 505171.98 | 3633175.90 | 0.51368 |
| 505221.98 | 3633175.90 | 0.51451 | 502221.98 | 3633225.90 | 0.59356 |

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503371.98    3633225.90        0.87032                      503421.98
3633225.90        0.85275
         503471.98    3633225.90        0.82803                      503621.98

3633225.90 0.71082
503671.98 3633225.90 0.67921 503721.98
3633225.90 0.61156
503771.98 3633225.90 0.55281 503821.98
3633225.90 0.51247
503871.98 3633225.90 0.51341 503921.98
3633225.90 0.52271
503971.98 3633225.90 0.53333 504021.98
3633225.90 0.53772
504071.98 3633225.90 0.54478 504121.98
3633225.90 0.55264
504171.98 3633225.90 0.55625 504221.98
3633225.90 0.54628
504271.98 3633225.90 0.54312 504321.98
3633225.90 0.54631
504371.98 3633225.90 0.54950 504421.98
3633225.90 0.54158
504471.98 3633225.90 0.53787 504521.98
3633225.90 0.53781
504571.98 3633225.90 0.54157 504621.98
3633225.90 0.54765
504671.98 3633225.90 0.55399 504721.98
3633225.90 0.55629
504771.98 3633225.90 0.55483 504821.98
3633225.90 0.55770
504871.98 3633225.90 0.56186 504921.98
3633225.90 0.57322
504971.98 3633225.90 0.56644 505021.98
3633225.90 0.55788
505071.98 3633225.90 0.55245 505121.98
3633225.90 0.54676
505171.98 3633225.90 0.54061 505221.98
3633225.90 0.53939
502221.98 3633275.90 0.60871 502271.98
3633275.90 0.63031
502321.98 3633275.90 0.65314 502371.98
3633275.90 0.67688
502421.98 3633275.90 0.70144 502471.98
3633275.90 0.72715
502521.98 3633275.90 0.75405 502571.98
3633275.90 0.78208
502621.98 3633275.90 0.81129 502671.98
3633275.90 0.84151
502721.98 3633275.90 0.87286 502771.98
3633275.90 0.90503
502821.98 3633275.90 0.77262 502871.98
3633275.90 0.88028
502921.98 3633275.90 1.00913 502971.98
3633275.90 1.04575
503021.98 3633275.90 0.98000 503071.98

3633275.90        1.12037
         503121.98    3633275.90        1.15854                          503171.98
3633275.90        1.19577
         503221.98    3633275.90        1.05528                          503271.98
3633275.90        0.98529
         503321.98    3633275.90        0.98528                          503371.98
3633275.90        0.93242
         503421.98    3633275.90        0.89681                          503471.98
3633275.90        0.68949
         503621.98    3633275.90        0.71462                          503671.98
3633275.90        0.68750
         503721.98    3633275.90        0.61706                          503771.98
3633275.90        0.56834
         503821.98    3633275.90        0.54046                          503871.98
3633275.90        0.54929
         503921.98    3633275.90        0.56648                          503971.98
3633275.90        0.59200
         504021.98    3633275.90        0.59671                          504071.98
3633275.90        0.59721
         504121.98    3633275.90        0.60877                          504171.98
3633275.90        0.60094
         504221.98    3633275.90        0.58917                          504271.98
3633275.90        0.58616
         504321.98    3633275.90        0.59560                          504371.98
3633275.90        0.60575
         504421.98    3633275.90        0.59276                          504471.98
3633275.90        0.58442

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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```
         503971.98    3633325.90        0.67287                        504021.98
3633325.90        0.67010
         504071.98    3633325.90        0.66146                        504121.98
3633325.90        0.68012
         504171.98    3633325.90        0.65392                        504221.98
3633325.90        0.63705
         504271.98    3633325.90        0.64077                        504321.98
3633325.90        0.66366
         504371.98    3633325.90        0.67518                        504421.98
3633325.90        0.65396
         504471.98    3633325.90        0.64028                        504521.98
3633325.90        0.63699
         504571.98    3633325.90        0.64257                        504621.98
3633325.90        0.65009
         504671.98    3633325.90        0.65834                        504721.98
3633325.90        0.65342
         504771.98    3633325.90        0.64482                        504821.98
3633325.90        0.64985
         504871.98    3633325.90        0.66936                        504921.98
3633325.90        0.67877
         504971.98    3633325.90        0.66522                        505021.98
3633325.90        0.65229
         505071.98    3633325.90        0.64400                        505121.98
3633325.90        0.62213
         505171.98    3633325.90        0.60587                        505221.98
3633325.90        0.60114
         502221.98    3633375.90        0.63993                        502271.98
3633375.90        0.66407
         502321.98    3633375.90        0.68940                        502371.98
3633375.90        0.71600
         502421.98    3633375.90        0.74401                        502471.98
3633375.90        0.77338
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 0.80434 | 502571.98 | 3633375.90 | 0.83682 |
| 502621.98 | 3633375.90 | 0.87084 | 502671.98 | 3633375.90 | 0.90626 |
| 502721.98 | 3633375.90 | 0.94324 | 502771.98 | 3633375.90 | 0.98186 |
| 502821.98 | 3633375.90 | 1.02219 | 502871.98 | 3633375.90 | 1.06431 |
| 502921.98 | 3633375.90 | 1.10785 | 502971.98 | 3633375.90 | 1.15286 |
| 503021.98 | 3633375.90 | 1.19910 | 503071.98 | 3633375.90 | 1.24672 |
| 503121.98 | 3633375.90 | 1.29498 | 503171.98 | 3633375.90 | 1.34343 |
| 503221.98 | 3633375.90 | 1.39124 | 503271.98 | 3633375.90 | 1.43856 |
| 503321.98 | 3633375.90 | 1.23439 | 503371.98 | 3633375.90 | 1.04970 |
| 503421.98 | 3633375.90 | 0.78525 | 503471.98 | 3633375.90 | 0.77782 |
| 503621.98 | 3633375.90 | 0.79368 | 503671.98 | 3633375.90 | 0.74312 |
| 503721.98 | 3633375.90 | 0.67799 | 503771.98 | 3633375.90 | 0.66509 |
| 503821.98 | 3633375.90 | 0.67514 | 503871.98 | 3633375.90 | 0.66892 |
| 503921.98 | 3633375.90 | 0.71555 | 503971.98 | 3633375.90 | 0.77219 |
| 504021.98 | 3633375.90 | 0.75431 | 504071.98 | 3633375.90 | 0.73814 |
| 504121.98 | 3633375.90 | 0.76283 | 504171.98 | 3633375.90 | 0.71289 |
| 504221.98 | 3633375.90 | 0.70307 | 504271.98 | 3633375.90 | 0.72153 |
| 504321.98 | 3633375.90 | 0.75318 | 504371.98 | 3633375.90 | 0.76250 |
| 504421.98 | 3633375.90 | 0.72559 | 504471.98 | 3633375.90 | 0.70395 |
| 504521.98 | 3633375.90 | 0.69803 | 504571.98 | 3633375.90 | 0.70594 |
| 504621.98 | 3633375.90 | 0.71446 | 504671.98 | 3633375.90 | 0.72684 |
| 504721.98 | 3633375.90 | 0.71524 | 504771.98 | | |

3633375.90        0.70505
         504821.98    3633375.90        0.71253                        504871.98
3633375.90        0.73955
         504921.98    3633375.90        0.73849                        504971.98
3633375.90        0.72535
         505021.98    3633375.90        0.70974                        505071.98
3633375.90        0.68469
         505121.98    3633375.90        0.65851                        505171.98
3633375.90        0.64137
         505221.98    3633375.90        0.63739                        502221.98
3633425.90        0.65529
         502271.98    3633425.90        0.68059                        502321.98
3633425.90        0.70720
         502371.98    3633425.90        0.73546                        502421.98
3633425.90        0.76545
         502471.98    3633425.90        0.79764                        502521.98
3633425.90        0.83065
         502571.98    3633425.90        0.86540                        502621.98
3633425.90        0.90207
         502671.98    3633425.90        0.94045                        502721.98
3633425.90        0.98079
         502771.98    3633425.90        1.02302                        502821.98
3633425.90        1.06728
         502871.98    3633425.90        1.11351                        502921.98
3633425.90        1.16153
         502971.98    3633425.90        1.21158                        503021.98
3633425.90        1.26351
         503071.98    3633425.90        1.31673                        503121.98
3633425.90        1.37160
         503171.98    3633425.90        1.42653                        503221.98
3633425.90        1.48151
         503271.98    3633425.90        1.53594                        503321.98
3633425.90        1.32222
         503371.98    3633425.90        1.02258                        503421.98
3633425.90        0.88391
         503471.98    3633425.90        0.90538                        503621.98
3633425.90        0.95286


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 0.86145 | 503721.98 | 3633425.90 | 0.76916 |
| 503771.98 | 3633425.90 | 0.74707 | 503821.98 | 3633425.90 | 0.76096 |
| 503871.98 | 3633425.90 | 0.77699 | 503921.98 | 3633425.90 | 0.84682 |
| 503971.98 | 3633425.90 | 0.87451 | 504021.98 | 3633425.90 | 0.84839 |
| 504071.98 | 3633425.90 | 0.83370 | 504121.98 | 3633425.90 | 0.86239 |
| 504171.98 | 3633425.90 | 0.80848 | 504221.98 | 3633425.90 | 0.81330 |
| 504271.98 | 3633425.90 | 0.84860 | 504321.98 | 3633425.90 | 0.88907 |
| 504371.98 | 3633425.90 | 0.85003 | 504421.98 | 3633425.90 | 0.80657 |
| 504471.98 | 3633425.90 | 0.78113 | 504521.98 | 3633425.90 | 0.76942 |
| 504571.98 | 3633425.90 | 0.77883 | 504621.98 | 3633425.90 | 0.79504 |
| 504671.98 | 3633425.90 | 0.80414 | 504721.98 | 3633425.90 | 0.80194 |
| 504771.98 | 3633425.90 | 0.78854 | 504821.98 | 3633425.90 | 0.78155 |
| 504871.98 | 3633425.90 | 0.81065 | 504921.98 | 3633425.90 | 0.79804 |
| 504971.98 | 3633425.90 | 0.77764 | 505021.98 | 3633425.90 | 0.74073 |
| 505071.98 | 3633425.90 | 0.71397 | 505121.98 | 3633425.90 | 0.69310 |
| 505171.98 | 3633425.90 | 0.67758 | 505221.98 | 3633425.90 | 0.67459 |
| 502221.98 | 3633475.90 | 0.67078 | 502271.98 | 3633475.90 | 0.69739 |
| 502321.98 | 3633475.90 | 0.72563 | 502371.98 | 3633475.90 | 0.75566 |
| 502421.98 | 3633475.90 | 0.78759 | 502471.98 | 3633475.90 | 0.82212 |

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         502521.98    3633475.90        0.85705                      502571.98
3633475.90        0.89435
         502621.98    3633475.90        0.93397                      502671.98
3633475.90        0.97548
         504771.98    3633475.90        0.90381                      504821.98
3633475.90        0.89753
         504871.98    3633475.90        0.88435                      504921.98
3633475.90        0.87050
         504971.98    3633475.90        0.83203                      505021.98
3633475.90        0.78361
         505071.98    3633475.90        0.75403                      505121.98
3633475.90        0.73092
         505171.98    3633475.90        0.71107                      505221.98
3633475.90        0.70405
         502221.98    3633525.90        0.68663                      502271.98
3633525.90        0.71464
         502321.98    3633525.90        0.74435                      502371.98
3633525.90        0.77652
         502421.98    3633525.90        0.81064                      502471.98
3633525.90        0.84689
         502521.98    3633525.90        0.88395                      502571.98
3633525.90        0.92307
         502621.98    3633525.90        0.96585                      502671.98
3633525.90        1.01089
         504771.98    3633525.90        0.97842                      504821.98
3633525.90        0.95902
         504871.98    3633525.90        0.94297                      504921.98
3633525.90        0.92723
         504971.98    3633525.90        0.90709                      505021.98
3633525.90        0.85599
         505071.98    3633525.90        0.80479                      505121.98
3633525.90        0.76686
         505171.98    3633525.90        0.74442                      505221.98
3633525.90        0.73256
         502221.98    3633575.90        0.70308                      502271.98
3633575.90        0.73159
         502321.98    3633575.90        0.76287                      502371.98
3633575.90        0.79701
         502421.98    3633575.90        0.83293                      502471.98
3633575.90        0.87064
         502521.98    3633575.90        0.91058                      502571.98
3633575.90        0.95319
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 331
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 0.99885 | 502671.98 | 3633575.90 | 1.04741 |
| 504771.98 | 3633575.90 | 1.04911 | 504821.98 | 3633575.90 | 1.03055 |
| 504871.98 | 3633575.90 | 1.01193 | 504921.98 | 3633575.90 | 0.98111 |
| 504971.98 | 3633575.90 | 0.96342 | 505021.98 | 3633575.90 | 0.92513 |
| 505071.98 | 3633575.90 | 0.86314 | 505121.98 | 3633575.90 | 0.81025 |
| 505171.98 | 3633575.90 | 0.78237 | 505221.98 | 3633575.90 | 0.77125 |
| 502221.98 | 3633625.90 | 0.71877 | 502271.98 | 3633625.90 | 0.74815 |
| 502321.98 | 3633625.90 | 0.78167 | 502371.98 | 3633625.90 | 0.81732 |
| 502421.98 | 3633625.90 | 0.85558 | 502471.98 | 3633625.90 | 0.89514 |
| 502521.98 | 3633625.90 | 0.93875 | 502571.98 | 3633625.90 | 0.98458 |
| 502621.98 | 3633625.90 | 1.03361 | 502671.98 | 3633625.90 | 1.08560 |
| 504771.98 | 3633625.90 | 1.12546 | 504821.98 | 3633625.90 | 1.12675 |
| 504871.98 | 3633625.90 | 1.08253 | 504921.98 | 3633625.90 | 1.04618 |
| 504971.98 | 3633625.90 | 1.02248 | 505021.98 | 3633625.90 | 0.98385 |
| 505071.98 | 3633625.90 | 0.91321 | 505121.98 | 3633625.90 | 0.85698 |
| 505171.98 | 3633625.90 | 0.81803 | 505221.98 | 3633625.90 | 0.80073 |
| 502221.98 | 3633675.90 | 0.73342 | 502271.98 | | |

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3633675.90        0.76441
         502321.98    3633675.90        0.79963                        502371.98
3633675.90        0.83676
         502421.98    3633675.90        0.87758                        502471.98
3633675.90        0.92028
         502521.98    3633675.90        0.96637                        502571.98
3633675.90        1.01534
         502621.98    3633675.90        1.06774                        502671.98
3633675.90        1.12375
         504771.98    3633675.90        1.23395                        504821.98
3633675.90        1.20715
         504871.98    3633675.90        1.17129                        504921.98
3633675.90        1.13227
         504971.98    3633675.90        1.08992                        505021.98
3633675.90        1.03838
         505071.98    3633675.90        0.95543                        505121.98
3633675.90        0.88165
         505171.98    3633675.90        0.83530                        505221.98
3633675.90        0.80914
         502221.98    3633725.90        0.74766                        502271.98
3633725.90        0.78034
         502321.98    3633725.90        0.81764                        502371.98
3633725.90        0.85706
         502421.98    3633725.90        0.89944                        502471.98
3633725.90        0.94486
         502521.98    3633725.90        0.99366                        502571.98
3633725.90        1.04601
         502621.98    3633725.90        1.10221                        502671.98
3633725.90        1.16236
         504771.98    3633725.90        1.38530                        504821.98
3633725.90        1.30568
         504871.98    3633725.90        1.26256                        504921.98
3633725.90        1.20348
         504971.98    3633725.90        1.14026                        505021.98
3633725.90        1.06341
         505071.98    3633725.90        0.96326                        505121.98
3633725.90        0.88387
         505171.98    3633725.90        0.84162                        505221.98
3633725.90        0.80968
         502221.98    3633775.90        0.76184                        502271.98
3633775.90        0.79604
         502321.98    3633775.90        0.83601                        502371.98
3633775.90        0.87705
         502421.98    3633775.90        0.92182                        502471.98
3633775.90        0.96890
         502521.98    3633775.90        1.02068                        502571.98
3633775.90        1.07645
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 1.13616 | 502671.98 | 3633775.90 | 1.20073 |
| 504771.98 | 3633775.90 | 1.54145 | 504821.98 | 3633775.90 | 1.45213 |
| 504871.98 | 3633775.90 | 1.34720 | 504921.98 | 3633775.90 | 1.23599 |
| 504971.98 | 3633775.90 | 1.15748 | 505021.98 | 3633775.90 | 1.06020 |
| 505071.98 | 3633775.90 | 0.96665 | 505121.98 | 3633775.90 | 0.88833 |
| 505171.98 | 3633775.90 | 0.84479 | 505221.98 | 3633775.90 | 0.81913 |
| 502221.98 | 3633825.90 | 0.77653 | 502271.98 | 3633825.90 | 0.81200 |
| 502321.98 | 3633825.90 | 0.85285 | 502371.98 | 3633825.90 | 0.89629 |
| 502421.98 | 3633825.90 | 0.94274 | 502471.98 | 3633825.90 | 0.99263 |
| 502521.98 | 3633825.90 | 1.04712 | 502571.98 | 3633825.90 | 1.10633 |
| 502621.98 | 3633825.90 | 1.17044 | 502671.98 | 3633825.90 | 1.23937 |
| 504771.98 | 3633825.90 | 1.66921 | 504821.98 | 3633825.90 | 1.53130 |
| 504871.98 | 3633825.90 | 1.33514 | 504921.98 | 3633825.90 | 1.21023 |
| 504971.98 | 3633825.90 | 1.12327 | 505021.98 | 3633825.90 | 1.04995 |

505071.98 3633825.90 0.96871 505121.98 3633825.90 0.89573
505171.98 3633825.90 0.86221 505221.98 3633825.90 0.84165
502221.98 3633875.90 0.78945 502271.98 3633875.90 0.82689
502321.98 3633875.90 0.86987 502371.98 3633875.90 0.91416
502421.98 3633875.90 0.96310 502471.98 3633875.90 1.01501
502521.98 3633875.90 1.07286 502571.98 3633875.90 1.13573
502621.98 3633875.90 1.20372 502671.98 3633875.90 1.27714
504771.98 3633875.90 1.73364 504821.98 3633875.90 1.51351
504871.98 3633875.90 1.31592 504921.98 3633875.90 1.19834
504971.98 3633875.90 1.10780 505021.98 3633875.90 1.03370
505071.98 3633875.90 0.98361 505121.98 3633875.90 0.92543
505171.98 3633875.90 0.89250 505221.98 3633875.90 0.86406
502221.98 3633925.90 0.80212 502271.98 3633925.90 0.84165
502321.98 3633925.90 0.88549 502371.98 3633925.90 0.93128
502421.98 3633925.90 0.98316 502471.98 3633925.90 1.03769
502521.98 3633925.90 1.09803 502571.98 3633925.90 1.16384
502621.98 3633925.90 1.23571 502671.98 3633925.90 1.31368
504771.98 3633925.90 1.72048 504821.98 3633925.90 1.50533
504871.98 3633925.90 1.34991 504921.98 3633925.90 1.21013
504971.98 3633925.90 1.11067 505021.98 3633925.90 1.05080
505071.98 3633925.90 0.99834 505121.98 3633925.90 0.94985
505171.98 3633925.90 0.91122 505221.98 3633925.90 0.87145
502221.98 3633975.90 0.81453 502271.98 3633975.90 0.85420
502321.98 3633975.90 0.89933 502371.98 3633975.90 0.94869
502421.98 3633975.90 1.00188 502471.98 3633975.90 1.05926

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3634025.90 1.54953
504871.98 3634025.90 1.38913 504921.98
3634025.90 1.24484
504971.98 3634025.90 1.10570 505021.98
3634025.90 1.01688
505071.98 3634025.90 0.94656 505121.98
3634025.90 0.90601
505171.98 3634025.90 0.86480 505221.98
3634025.90 0.81428
502221.98 3634075.90 0.83508 502271.98
3634075.90 0.87785
502321.98 3634075.90 0.92532 502371.98
3634075.90 0.97693
502421.98 3634075.90 1.03300 502471.98
3634075.90 1.09504
502521.98 3634075.90 1.16372 502571.98
3634075.90 1.24005
502621.98 3634075.90 1.32274 502671.98
3634075.90 1.41510
504771.98 3634075.90 1.64740 504821.98
3634075.90 1.49936
504871.98 3634075.90 1.30797 504921.98
3634075.90 1.16538
504971.98 3634075.90 1.04124 505021.98
3634075.90 0.95075
505071.98 3634075.90 0.88698 505121.98
3634075.90 0.85009
505171.98 3634075.90 0.82256 505221.98
3634075.90 0.78298
502221.98 3634125.90 0.84247 502271.98
3634125.90 0.88818
502321.98 3634125.90 0.93646 502371.98
3634125.90 0.99026
502421.98 3634125.90 1.04811 502471.98
3634125.90 1.11162
502521.98 3634125.90 1.18140 502571.98
3634125.90 1.25863
502621.98 3634125.90 1.34697 502671.98
3634125.90 1.44431
504771.98 3634125.90 1.48892 504821.98
3634125.90 1.34578
504871.98 3634125.90 1.20359 504921.98
3634125.90 1.05488
504971.98 3634125.90 0.96749 505021.98
3634125.90 0.89153
505071.98 3634125.90 0.84765 505121.98
3634125.90 0.82625
505171.98 3634125.90 0.80250 505221.98
3634125.90 0.77227
502221.98 3634175.90 0.84745 502271.98

3634175.90        0.89378
         502321.98    3634175.90        0.94300                      502371.98
3634175.90        1.00283
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3634175.90        1.12741
         502521.98    3634175.90        1.19861                      502571.98
3634175.90        1.27808


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634175.90        1.36634                      502671.98
3634175.90        1.46633
         504771.98    3634175.90        1.30621                      504821.98
3634175.90        1.18003
         504871.98    3634175.90        1.07825                      504921.98
3634175.90        0.99744
         504971.98    3634175.90        0.92876                      505021.98
3634175.90        0.87921
         505071.98    3634175.90        0.82869                      505121.98
3634175.90        0.82140
         505171.98    3634175.90        0.80101                      505221.98
3634175.90        0.78380
         502221.98    3634225.90        0.85427                      502271.98
3634225.90        0.90014
         502321.98    3634225.90        0.95368                      502371.98
3634225.90        1.01254
         502421.98    3634225.90        1.07398                      502471.98
3634225.90        1.14081

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         502521.98    3634225.90        1.21353                    502571.98
3634225.90        1.29537
         502621.98    3634225.90        1.38573                    502671.98
3634225.90        1.48750
         504771.98    3634225.90        1.20523                    504821.98
3634225.90        1.10688
         504871.98    3634225.90        1.04589                    504921.98
3634225.90        0.97998
         504971.98    3634225.90        0.94580                    505021.98
3634225.90        0.88739
         505071.98    3634225.90        0.83557                    505121.98
3634225.90        0.81775
         505171.98    3634225.90        0.77661                    505221.98
3634225.90        0.77703
         502221.98    3634275.90        0.86008                    502271.98
3634275.90        0.90673
         502321.98    3634275.90        0.95981                    502371.98
3634275.90        1.02029
         502421.98    3634275.90        1.08254                    502471.98
3634275.90        1.15051
         502521.98    3634275.90        1.22575                    502571.98
3634275.90        1.30882
         502621.98    3634275.90        1.40222                    502671.98
3634275.90        1.50650
         504771.98    3634275.90        1.18029                    504821.98
3634275.90        1.09779
         504871.98    3634275.90        1.03678                    504921.98
3634275.90        0.98925
         504971.98    3634275.90        0.96847                    505021.98
3634275.90        0.88992
         505071.98    3634275.90        0.83745                    505121.98
3634275.90        0.81898
         505171.98    3634275.90        0.75938                    505221.98
3634275.90        0.76192
         502221.98    3634325.90        0.86542                    502271.98
3634325.90        0.91347
         502321.98    3634325.90        0.96543                    502371.98
3634325.90        1.02240
         502421.98    3634325.90        1.08471                    502471.98
3634325.90        1.15282
         502521.98    3634325.90        1.22858                    502571.98
3634325.90        1.31247
         502621.98    3634325.90        1.40590                    502671.98
3634325.90        1.51154
         504771.98    3634325.90        1.17677                    504821.98
3634325.90        1.11744
         504871.98    3634325.90        1.05878                    504921.98
3634325.90        1.02176
         504971.98    3634325.90        0.98623                    505021.98
3634325.90        0.88856
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         505071.98    3634325.90        0.83616                       505121.98
3634325.90        0.83170
         505171.98    3634325.90        0.77011                       505221.98
3634325.90        0.74715
         502221.98    3634375.90        0.87053                       502271.98
3634375.90        0.91890
         502321.98    3634375.90        0.96968                       502371.98
3634375.90        1.02554
         502421.98    3634375.90        1.09034                       502471.98
3634375.90        1.16163
         502521.98    3634375.90        1.24127                       502571.98
3634375.90        1.32687
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634375.90        1.41876                       502671.98
3634375.90        1.51868
         504771.98    3634375.90        1.21251                       504821.98
3634375.90        1.18073
         504871.98    3634375.90        1.11976                       504921.98
3634375.90        1.08335
         504971.98    3634375.90        1.01789                       505021.98
3634375.90        0.91157
         505071.98    3634375.90        0.86510                       505121.98
3634375.90        0.86890
         505171.98    3634375.90        0.80845                       505221.98
3634375.90        0.76226
         502221.98    3634425.90        0.87527                       502271.98
```

3634425.90 0.92411
502321.98 3634425.90 0.97676 502371.98
3634425.90 1.03441
502421.98 3634425.90 1.09809 502471.98
3634425.90 1.16749
502521.98 3634425.90 1.24521 502571.98
3634425.90 1.33099
502621.98 3634425.90 1.42685 502671.98
3634425.90 1.53381
504771.98 3634425.90 1.27603 504821.98
3634425.90 1.23224
504871.98 3634425.90 1.22632 504921.98
3634425.90 1.21177
504971.98 3634425.90 1.07981 505021.98
3634425.90 1.00192
505071.98 3634425.90 0.97133 505121.98
3634425.90 0.93318
505171.98 3634425.90 0.86380 505221.98
3634425.90 0.80490
502221.98 3634475.90 0.87601 502271.98
3634475.90 0.92458
502321.98 3634475.90 0.97739 502371.98
3634475.90 1.03519
502421.98 3634475.90 1.09859 502471.98
3634475.90 1.16815
502521.98 3634475.90 1.24589 502571.98
3634475.90 1.33171
502621.98 3634475.90 1.42732 502671.98
3634475.90 1.53450
504771.98 3634475.90 1.34269 504821.98
3634475.90 1.26273
504871.98 3634475.90 1.25944 504921.98
3634475.90 1.34137
504971.98 3634475.90 1.21986 505021.98
3634475.90 1.13730
505071.98 3634475.90 1.08593 505121.98
3634475.90 1.00801
505171.98 3634475.90 0.92594 505221.98
3634475.90 0.85665
502221.98 3634525.90 0.87535 502271.98
3634525.90 0.92338
502321.98 3634525.90 0.97590 502371.98
3634525.90 1.03350
502421.98 3634525.90 1.09646 502471.98
3634525.90 1.16595
502521.98 3634525.90 1.24259 502571.98
3634525.90 1.32805
502621.98 3634525.90 1.42313 502671.98
3634525.90 1.53074
504771.98 3634525.90 1.44928 504821.98

3634525.90        1.32936
         504871.98    3634525.90        1.32353                        504921.98
3634525.90        1.44334
         504971.98    3634525.90        1.42077                        505021.98
3634525.90        1.30037
         505071.98    3634525.90        1.19670                        505121.98
3634525.90        1.07562
         505171.98    3634525.90        0.96636                        505221.98
3634525.90        0.87702
         502221.98    3634575.90        0.87383                        502271.98
3634575.90        0.92055
         502321.98    3634575.90        0.97232                        502371.98
3634575.90        1.02922
         502421.98    3634575.90        1.09171                        502471.98
3634575.90        1.16056
         502521.98    3634575.90        1.23630                        502571.98
3634575.90        1.32041

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

505071.98 3634575.90 1.21765 505121.98 3634575.90 1.10338
505171.98 3634575.90 0.94226 505221.98 3634575.90 0.86301
502221.98 3634625.90 0.86995 502271.98 3634625.90 0.91687
502321.98 3634625.90 0.96678 502371.98 3634625.90 1.02270
502421.98 3634625.90 1.08400 502471.98 3634625.90 1.15158
502521.98 3634625.90 1.22701 502571.98 3634625.90 1.30928
502621.98 3634625.90 1.40085 502671.98 3634625.90 1.50262
504771.98 3634625.90 2.01128 504821.98 3634625.90 1.94573
504871.98 3634625.90 1.81083 504921.98 3634625.90 1.67914
504971.98 3634625.90 1.51599 505021.98 3634625.90 1.34768
505071.98 3634625.90 1.19345 505121.98 3634625.90 1.08715
505171.98 3634625.90 0.91745 505221.98 3634625.90 0.83914
502221.98 3634675.90 0.86374 502271.98 3634675.90 0.91072
502321.98 3634675.90 0.96125 502371.98 3634675.90 1.01586
502421.98 3634675.90 1.07599 502471.98 3634675.90 1.14186
502521.98 3634675.90 1.21422 502571.98 3634675.90 1.29438
502621.98 3634675.90 1.38300 502671.98 3634675.90 1.48081
504771.98 3634675.90 2.06885 504821.98 3634675.90 1.92081
504871.98 3634675.90 1.76383 504921.98 3634675.90 1.64674
504971.98 3634675.90 1.52326 505021.98 3634675.90 1.33153
505071.98 3634675.90 1.14329 505121.98 3634675.90 1.05382
505171.98 3634675.90 0.92040 505221.98 3634675.90 0.83648
502221.98 3634725.90 0.85629 502271.98 3634725.90 0.90194
502321.98 3634725.90 0.95032 502371.98 3634725.90 1.00375
502421.98 3634725.90 1.06303 502471.98 3634725.90 1.12712

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634775.90        1.33216                        502671.98
3634775.90        1.42232
         504771.98    3634775.90        1.89820                        504821.98

3634775.90 1.78067
504871.98 3634775.90 1.66205 504921.98 3634775.90 1.49757
504971.98 3634775.90 1.25378 505021.98 3634775.90 1.07277
505071.98 3634775.90 1.00425 505121.98 3634775.90 0.93761
505171.98 3634775.90 0.82352 505221.98 3634775.90 0.76594
502221.98 3634825.90 0.83781 502271.98 3634825.90 0.88061
502321.98 3634825.90 0.92639 502371.98 3634825.90 0.97622
502421.98 3634825.90 1.02972 502471.98 3634825.90 1.08762
502521.98 3634825.90 1.15401 502571.98 3634825.90 1.22486
502621.98 3634825.90 1.30221 502671.98 3634825.90 1.38711
504771.98 3634825.90 1.82803 504821.98 3634825.90 1.70532
504871.98 3634825.90 1.57030 504921.98 3634825.90 1.36037
504971.98 3634825.90 1.07436 505021.98 3634825.90 0.91712
505071.98 3634825.90 0.88220 505121.98 3634825.90 0.84612
505171.98 3634825.90 0.76672 505221.98 3634825.90 0.71980
502221.98 3634875.90 0.82616 502271.98 3634875.90 0.86692
502321.98 3634875.90 0.91118 502371.98 3634875.90 0.95929
502421.98 3634875.90 1.01128 502471.98 3634875.90 1.06768
502521.98 3634875.90 1.12908 502571.98 3634875.90 1.19614
502621.98 3634875.90 1.26953 502671.98 3634875.90 1.34997
504771.98 3634875.90 1.75986 504821.98 3634875.90 1.63521
504871.98 3634875.90 1.51698 504921.98 3634875.90 1.26717
504971.98 3634875.90 0.99875 505021.98 3634875.90 0.85286
505071.98 3634875.90 0.77831 505121.98 3634875.90 0.76064
505171.98 3634875.90 0.71619 505221.98 3634875.90 0.68797
502221.98 3634925.90 0.81277 502271.98

3634925.90        0.85220
         502321.98    3634925.90        0.89484                        502371.98
3634925.90        0.94078
         502421.98    3634925.90        0.99052                        502471.98
3634925.90        1.04401
         502521.98    3634925.90        1.10257                        502571.98
3634925.90        1.16606
         502621.98    3634925.90        1.23512                        502671.98
3634925.90        1.31104
         504771.98    3634925.90        1.69136                        504821.98
3634925.90        1.57175
         504871.98    3634925.90        1.47422                        504921.98
3634925.90        1.26339
         504971.98    3634925.90        1.00569                        505021.98
3634925.90        0.82740
         505071.98    3634925.90        0.74203                        505121.98
3634925.90        0.71974
         505171.98    3634925.90        0.68541                        505221.98
3634925.90        0.66412
         502221.98    3634975.90        0.79846                        502271.98
3634975.90        0.83658
         502321.98    3634975.90        0.87717                        502371.98
3634975.90        0.92113
         502421.98    3634975.90        0.96849                        502471.98
3634975.90        1.01950
         502521.98    3634975.90        1.07500                        502571.98
3634975.90        1.13488

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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         502321.98    3635125.90        0.82079                       502371.98
3635125.90        0.85876
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3635125.90        0.94295
         502521.98    3635125.90        0.98993                       502571.98
3635125.90        1.04050
         502621.98    3635125.90        1.09493                       502671.98
3635125.90        1.15360
         505021.98    3635125.90        1.05667                       505071.98
3635125.90        0.98095
         505121.98    3635125.90        0.96492                       505171.98
3635125.90        0.93932
         505221.98    3635125.90        0.84561                       502221.98
3635175.90        0.73562
         502271.98    3635175.90        0.76765                       502321.98
3635175.90        0.80131
         502371.98    3635175.90        0.83736                       502421.98
3635175.90        0.87592
         502471.98    3635175.90        0.91721                       502521.98
3635175.90        0.96152
         502571.98    3635175.90        1.00930                       502621.98
3635175.90        1.06060
         502671.98    3635175.90        1.11547                       505121.98
3635175.90        0.96381
         505171.98    3635175.90        0.92211                       505221.98
3635175.90        0.88047
         502221.98    3635225.90        0.71931                       502271.98
3635225.90        0.74973
         502321.98    3635225.90        0.78197                       502371.98
3635225.90        0.81629
         502421.98    3635225.90        0.85291                       502471.98
3635225.90        0.89205
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 339
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 0.93400 | 502571.98 | 3635225.90 | 0.97890 |
| 502621.98 | 3635225.90 | 1.02681 | 502671.98 | 3635225.90 | 1.07810 |
| 502221.98 | 3635275.90 | 0.70276 | 502271.98 | 3635275.90 | 0.73207 |
| 502321.98 | 3635275.90 | 0.76259 | 502371.98 | 3635275.90 | 0.79520 |
| 502421.98 | 3635275.90 | 0.83003 | 502471.98 | 3635275.90 | 0.86707 |
| 502521.98 | 3635275.90 | 0.90632 | 502571.98 | 3635275.90 | 0.94875 |
| 502621.98 | 3635275.90 | 0.99361 | 502671.98 | 3635275.90 | 1.04120 |
| 502221.98 | 3635325.90 | 0.70917 | 502271.98 | 3635325.90 | 0.71454 |
| 502321.98 | 3635325.90 | 0.74365 | 502371.98 | 3635325.90 | 0.77455 |
| 502421.98 | 3635325.90 | 0.81387 | 502471.98 | 3635325.90 | 0.84468 |
| 502521.98 | 3635325.90 | 0.87773 | 502571.98 | 3635325.90 | 0.91927 |
| 502621.98 | 3635325.90 | 0.96102 | 502671.98 | 3635325.90 | 1.00508 |
| 502221.98 | 3635375.90 | 0.68869 | 502271.98 | 3635375.90 | 0.69732 |
| 502321.98 | 3635375.90 | 0.73033 | 502371.98 | 3635375.90 | 0.76049 |
| 502421.98 | 3635375.90 | 0.78677 | 502471.98 | 3635375.90 | 0.81428 |
| 502521.98 | 3635375.90 | 0.84731 | 502571.98 | 3635375.90 | 0.88778 |
| 502621.98 | 3635375.90 | 0.92912 | 502671.98 | 3635375.90 | 0.96997 |
| 502221.98 | 3635425.90 | 0.66770 | 502271.98 | 3635425.90 | 0.68338 |
| 502321.98 | 3635425.90 | 0.71047 | 502371.98 | 3635425.90 | 0.73409 |
| 502421.98 | 3635425.90 | 0.75880 | 502471.98 | 3635425.90 | 0.78447 |
| 502521.98 | 3635425.90 | 0.81400 | 502571.98 | 3635425.90 | 0.84670 |
| 502621.98 | 3635425.90 | 0.88130 | 502671.98 | | |

3635425.90        0.91870
         504771.98    3635425.90        1.10044                          502221.98
3635475.90        0.64582
         502271.98    3635475.90        0.66552                          502321.98
3635475.90        0.68655
         502371.98    3635475.90        0.70866                          502421.98
3635475.90        0.73189
         502471.98    3635475.90        0.75414                          502521.98
3635475.90        0.78561
         502571.98    3635475.90        0.81677                          502621.98
3635475.90        0.84988
         502671.98    3635475.90        0.88015                          504771.98
3635475.90        1.09113
         504821.98    3635475.90        1.04307                          504871.98
3635475.90        1.00258
         504921.98    3635475.90        0.95774                          502221.98
3635525.90        0.62303
         502271.98    3635525.90        0.64354                          502321.98
3635525.90        0.66340
         502371.98    3635525.90        0.68510                          502421.98
3635525.90        0.70718
         502471.98    3635525.90        0.73039                          502521.98
3635525.90        0.75851
         502571.98    3635525.90        0.78667                          502621.98
3635525.90        0.81503
         502671.98    3635525.90        0.84344                          502721.98
3635525.90        0.87459
         502771.98    3635525.90        0.90932                          502821.98
3635525.90        0.94574
         502871.98    3635525.90        0.98429                          502921.98
3635525.90        1.02224
         502971.98    3635525.90        1.06035                          503021.98
3635525.90        1.09819
         503071.98    3635525.90        1.13750                          503121.98
3635525.90        1.19255
         503171.98    3635525.90        1.22881                          503221.98
3635525.90        1.24273


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 1.27881 | 503321.98 | 3635525.90 | 1.31587 |
| 503371.98 | 3635525.90 | 1.35459 | 503421.98 | 3635525.90 | 1.39205 |
| 503471.98 | 3635525.90 | 1.44031 | 503521.98 | 3635525.90 | 1.47807 |
| 503571.98 | 3635525.90 | 1.48259 | 503621.98 | 3635525.90 | 1.48539 |
| 503671.98 | 3635525.90 | 1.49928 | 503721.98 | 3635525.90 | 1.51749 |
| 503771.98 | 3635525.90 | 1.53891 | 503821.98 | 3635525.90 | 1.55700 |
| 503871.98 | 3635525.90 | 1.55810 | 503921.98 | 3635525.90 | 1.58545 |
| 503971.98 | 3635525.90 | 1.61052 | 504021.98 | 3635525.90 | 1.56839 |
| 504071.98 | 3635525.90 | 1.46923 | 504121.98 | 3635525.90 | 1.44789 |
| 504171.98 | 3635525.90 | 1.42286 | 504221.98 | 3635525.90 | 1.39599 |
| 504271.98 | 3635525.90 | 1.36492 | 504321.98 | 3635525.90 | 1.33244 |
| 504371.98 | 3635525.90 | 1.29853 | 504421.98 | 3635525.90 | 1.26333 |
| 504471.98 | 3635525.90 | 1.22752 | 504521.98 | 3635525.90 | 1.19094 |
| 504571.98 | 3635525.90 | 1.15348 | 504621.98 | 3635525.90 | 1.11647 |
| 504671.98 | 3635525.90 | 1.07965 | 504721.98 | 3635525.90 | 1.09066 |
| 504771.98 | 3635525.90 | 1.05069 | 504821.98 | 3635525.90 | 1.01401 |
| 504871.98 | 3635525.90 | 0.97512 | 504921.98 | 3635525.90 | 0.92652 |
| 504971.98 | 3635525.90 | 0.89226 | 505021.98 | 3635525.90 | 0.86058 |
| 505071.98 | 3635525.90 | 0.82382 | 505121.98 | 3635525.90 | 0.78890 |

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         505171.98    3635525.90        0.75614                        505221.98
3635525.90        0.72533
         502221.98    3635575.90        0.59765                        502271.98
3635575.90        0.62217
         502321.98    3635575.90        0.64207                        502371.98
3635575.90        0.66207
         502421.98    3635575.90        0.68301                        502471.98
3635575.90        0.70697
         502521.98    3635575.90        0.73367                        502571.98
3635575.90        0.75988
         502621.98    3635575.90        0.78554                        502671.98
3635575.90        0.81188
         502721.98    3635575.90        0.84125                        502771.98
3635575.90        0.87464
         502821.98    3635575.90        0.90824                        502871.98
3635575.90        0.94239
         502921.98    3635575.90        0.97669                        502971.98
3635575.90        1.01008
         503021.98    3635575.90        1.04363                        503071.98
3635575.90        1.07818
         503121.98    3635575.90        1.12884                        503171.98
3635575.90        1.16086
         503221.98    3635575.90        1.17796                        503271.98
3635575.90        1.21560
         503321.98    3635575.90        1.25149                        503371.98
3635575.90        1.29107
         503421.98    3635575.90        1.32874                        503471.98
3635575.90        1.37255
         503521.98    3635575.90        1.40589                        503571.98
3635575.90        1.41363
         503621.98    3635575.90        1.40036                        503671.98
3635575.90        1.41001
         503721.98    3635575.90        1.42243                        503771.98
3635575.90        1.43377
         503821.98    3635575.90        1.44129                        503871.98
3635575.90        1.45725
         503921.98    3635575.90        1.47509                        503971.98
3635575.90        1.49615
         504021.98    3635575.90        1.38625                        504071.98
3635575.90        1.37093
         504121.98    3635575.90        1.35227                        504171.98
3635575.90        1.33080
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 1.30706 | 504271.98 | 3635575.90 | 1.28140 |
| 504321.98 | 3635575.90 | 1.25293 | 504371.98 | 3635575.90 | 1.22298 |
| 504421.98 | 3635575.90 | 1.19198 | 504471.98 | 3635575.90 | 1.16060 |
| 504521.98 | 3635575.90 | 1.12809 | 504571.98 | 3635575.90 | 1.09561 |
| 504621.98 | 3635575.90 | 1.06217 | 504671.98 | 3635575.90 | 1.02940 |
| 504721.98 | 3635575.90 | 1.01633 | 504771.98 | 3635575.90 | 1.00693 |
| 504821.98 | 3635575.90 | 0.97772 | 504871.98 | 3635575.90 | 0.93913 |
| 504921.98 | 3635575.90 | 0.88439 | 504971.98 | 3635575.90 | 0.86706 |
| 505021.98 | 3635575.90 | 0.83688 | 505071.98 | 3635575.90 | 0.80368 |
| 505121.98 | 3635575.90 | 0.77747 | 505171.98 | 3635575.90 | 0.73855 |
| 505221.98 | 3635575.90 | 0.71273 | 502221.98 | 3635625.90 | 0.57199 |
| 502271.98 | 3635625.90 | 0.59752 | 502321.98 | 3635625.90 | 0.61859 |
| 502371.98 | 3635625.90 | 0.64086 | 502421.98 | 3635625.90 | 0.65594 |
| 502471.98 | 3635625.90 | 0.67714 | 502521.98 | 3635625.90 | 0.70072 |
| 502571.98 | 3635625.90 | 0.73153 | 502621.98 | 3635625.90 | 0.75929 |
| 502671.98 | 3635625.90 | 0.78327 | 502721.98 | 3635625.90 | 0.80966 |
| 502771.98 | 3635625.90 | 0.83901 | 502821.98 | | |

```
3635625.90        0.86873
         502871.98    3635625.90        0.89921                        502921.98
3635625.90        0.93016
         502971.98    3635625.90        0.96137                        503021.98
3635625.90        0.99300
         503071.98    3635625.90        1.02520                        503121.98
3635625.90        1.05786
         503171.98    3635625.90        1.09105                        503221.98
3635625.90        1.12456
         503271.98    3635625.90        1.15745                        503321.98
3635625.90        1.19101
         503371.98    3635625.90        1.22380                        503421.98
3635625.90        1.25841
         503471.98    3635625.90        1.29984                        503521.98
3635625.90        1.33300
         503571.98    3635625.90        1.34289                        503621.98
3635625.90        1.33740
         503671.98    3635625.90        1.34437                        503721.98
3635625.90        1.35166
         503771.98    3635625.90        1.35849                        503821.98
3635625.90        1.36055
         503871.98    3635625.90        1.35229                        503921.98
3635625.90        1.37131
         503971.98    3635625.90        1.38589                        504021.98
3635625.90        1.29533
         504071.98    3635625.90        1.28235                        504121.98
3635625.90        1.26631
         504171.98    3635625.90        1.24782                        504221.98
3635625.90        1.22686
         504271.98    3635625.90        1.20421                        504321.98
3635625.90        1.18031
         504371.98    3635625.90        1.15409                        504421.98
3635625.90        1.12652
         504471.98    3635625.90        1.09863                        504521.98
3635625.90        1.06994
         504571.98    3635625.90        1.04114                        504621.98
3635625.90        1.01164
         504671.98    3635625.90        0.98231                        504721.98
3635625.90        0.95280
         504771.98    3635625.90        0.96541                        504821.98
3635625.90        0.93911
         504871.98    3635625.90        0.90476                        504921.98
3635625.90        0.85101
         504971.98    3635625.90        0.84277                        505021.98
3635625.90        0.79457
         505071.98    3635625.90        0.76584                        505121.98
3635625.90        0.75296
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 0.72141 | 505221.98 | 3635625.90 | 0.69272 |
| 502221.98 | 3635675.90 | 0.54687 | 502271.98 | 3635675.90 | 0.57338 |
| 502321.98 | 3635675.90 | 0.59280 | 502371.98 | 3635675.90 | 0.61432 |
| 502421.98 | 3635675.90 | 0.63273 | 502471.98 | 3635675.90 | 0.65438 |
| 502521.98 | 3635675.90 | 0.67738 | 502571.98 | 3635675.90 | 0.70384 |
| 502621.98 | 3635675.90 | 0.73028 | 502671.98 | 3635675.90 | 0.75577 |
| 502721.98 | 3635675.90 | 0.77947 | 502771.98 | 3635675.90 | 0.80311 |
| 502821.98 | 3635675.90 | 0.83129 | 502871.98 | 3635675.90 | 0.85935 |
| 502921.98 | 3635675.90 | 0.88297 | 502971.98 | 3635675.90 | 0.91531 |
| 503021.98 | 3635675.90 | 0.94304 | 503071.98 | 3635675.90 | 0.97373 |
| 503121.98 | 3635675.90 | 1.00326 | 503171.98 | 3635675.90 | 1.03303 |
| 503221.98 | 3635675.90 | 1.06626 | 503271.98 | 3635675.90 | 1.09723 |
| 503321.98 | 3635675.90 | 1.12796 | 503371.98 | 3635675.90 | 1.16136 |
| 503421.98 | 3635675.90 | 1.19521 | 503471.98 | 3635675.90 | 1.22778 |

503521.98 3635675.90 1.25769 503571.98
3635675.90 1.27213
503621.98 3635675.90 1.27113 503671.98
3635675.90 1.27154
503721.98 3635675.90 1.28543 503771.98
3635675.90 1.29239
503821.98 3635675.90 1.28604 503871.98
3635675.90 1.27855
503921.98 3635675.90 1.30091 503971.98
3635675.90 1.30526
504021.98 3635675.90 1.26765 504071.98
3635675.90 1.20218
504121.98 3635675.90 1.18865 504171.98
3635675.90 1.17268
504221.98 3635675.90 1.15459 504271.98
3635675.90 1.13457
504321.98 3635675.90 1.11327 504371.98
3635675.90 1.09072
504421.98 3635675.90 1.06664 504471.98
3635675.90 1.04135
504521.98 3635675.90 1.01554 504571.98
3635675.90 0.99013
504621.98 3635675.90 0.96355 504671.98
3635675.90 0.93758
504721.98 3635675.90 0.91132 504771.98
3635675.90 0.94303
504821.98 3635675.90 0.90153 504871.98
3635675.90 0.87108
504921.98 3635675.90 0.82126 504971.98
3635675.90 0.81751
505021.98 3635675.90 0.78512 505071.98
3635675.90 0.74574
505121.98 3635675.90 0.73494 505171.98
3635675.90 0.70672
505221.98 3635675.90 0.67796 502221.98
3635725.90 0.52571
502271.98 3635725.90 0.55319 502321.98
3635725.90 0.57454
502371.98 3635725.90 0.59639 502421.98
3635725.90 0.61303
502471.98 3635725.90 0.63386 502521.98
3635725.90 0.65385
502571.98 3635725.90 0.68085 502621.98
3635725.90 0.70618
502671.98 3635725.90 0.72832 502721.98
3635725.90 0.75150
502771.98 3635725.90 0.77421 502821.98
3635725.90 0.79878
502871.98 3635725.90 0.82447 502921.98
3635725.90 0.84306

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - -

3635725.90 1.17124
504271.98 3635725.90 1.15555 504321.98
3635725.90 1.05213
504371.98 3635725.90 1.03199 504421.98
3635725.90 1.01093
504471.98 3635725.90 0.98835 504521.98
3635725.90 1.00385
504571.98 3635725.90 0.94248 504621.98
3635725.90 0.91887
504671.98 3635725.90 0.92686 504721.98
3635725.90 0.87185
504771.98 3635725.90 0.84822 504821.98
3635725.90 0.85295
504871.98 3635725.90 0.80715 504921.98
3635725.90 0.79199
504971.98 3635725.90 0.79161 505021.98
3635725.90 0.76889
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3635725.90 0.71746
505171.98 3635725.90 0.69095 505221.98
3635725.90 0.66405
502221.98 3635775.90 0.50831 502271.98
3635775.90 0.53685
502321.98 3635775.90 0.55669 502371.98
3635775.90 0.57822
502421.98 3635775.90 0.59459 502471.98
3635775.90 0.61369
502521.98 3635775.90 0.63324 502571.98
3635775.90 0.65584
502621.98 3635775.90 0.67840 502671.98
3635775.90 0.70088
502721.98 3635775.90 0.72549 502771.98
3635775.90 0.74858
502821.98 3635775.90 0.77051 502871.98
3635775.90 0.79262
502921.98 3635775.90 0.80978 502971.98
3635775.90 0.83432
503021.98 3635775.90 0.84954 503071.98
3635775.90 0.87540
503121.98 3635775.90 0.89925 503171.98
3635775.90 0.92772
503221.98 3635775.90 0.91681 503271.98
3635775.90 0.92088
503321.98 3635775.90 0.96220 503371.98
3635775.90 1.02426
503421.98 3635775.90 1.06862 503471.98
3635775.90 1.09909
503521.98 3635775.90 1.12035 503571.98
3635775.90 1.14526
503621.98 3635775.90 1.15934 503671.98

3635775.90        1.15315
         503721.98    3635775.90        1.14701                        503771.98
3635775.90        1.15457
         503821.98    3635775.90        1.15350                        503871.98
3635775.90        1.16177
         503921.98    3635775.90        1.18633                        503971.98
3635775.90        1.18979

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504021.98    3635775.90        1.15127                        504071.98
3635775.90        1.16688
         504121.98    3635775.90        1.14063                        504171.98
3635775.90        1.12985
         504221.98    3635775.90        1.12973                        504271.98
3635775.90        1.11737
         504321.98    3635775.90        1.07805                        504371.98
3635775.90        1.01451
         504421.98    3635775.90        0.95933                        504471.98
3635775.90        0.98874
         504521.98    3635775.90        0.98791                        504571.98
3635775.90        0.89824
         504621.98    3635775.90        0.91961                        504671.98
3635775.90        0.87768
         504721.98    3635775.90        0.83458                        504771.98
3635775.90        0.81313
         504821.98    3635775.90        0.79176                        504871.98
3635775.90        0.77047

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505121.98 3635775.90 0.69708 505171.98 3635775.90 0.67415
505221.98 3635775.90 0.65069 502221.98 3635825.90 0.49289
502271.98 3635825.90 0.52085 502321.98 3635825.90 0.54040
502371.98 3635825.90 0.56145 502421.98 3635825.90 0.57641
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503071.98 3635825.90 0.82262 503121.98 3635825.90 0.84843
503171.98 3635825.90 0.87648 503221.98 3635825.90 0.85201
503271.98 3635825.90 0.86680 503321.98 3635825.90 0.90442
503371.98 3635825.90 0.97084 503421.98 3635825.90 1.00897
503471.98 3635825.90 1.04043 503521.98 3635825.90 1.02342
503571.98 3635825.90 1.05698 503621.98 3635825.90 1.09679
503671.98 3635825.90 1.10795 503721.98 3635825.90 1.10175
503771.98 3635825.90 1.09414 503821.98 3635825.90 1.09863
503871.98 3635825.90 1.10484 503921.98 3635825.90 1.12037
503971.98 3635825.90 1.13523 504021.98 3635825.90 1.10553
504071.98 3635825.90 1.13871 504121.98 3635825.90 1.13627
504171.98 3635825.90 1.10339 504221.98 3635825.90 1.09421
504271.98 3635825.90 1.09742 504321.98 3635825.90 1.05995

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504971.98    3635825.90        0.73745                      505021.98
3635825.90        0.71894
         505071.98    3635825.90        0.70025                      505121.98
3635825.90        0.67747
         505171.98    3635825.90        0.65828                      505221.98
3635825.90        0.63697
         502221.98    3635875.90        0.47947                      502271.98
3635875.90        0.50651
         502321.98    3635875.90        0.52653                      502371.98
3635875.90        0.54501
         502421.98    3635875.90        0.55954                      502471.98
3635875.90        0.57706
         502521.98    3635875.90        0.59360                      502571.98

3635875.90 0.61422
502621.98 3635875.90 0.63253 502671.98
3635875.90 0.65321
502721.98 3635875.90 0.67459 502771.98
3635875.90 0.69543
502821.98 3635875.90 0.71456 502871.98
3635875.90 0.73397
502921.98 3635875.90 0.74361 502971.98
3635875.90 0.76530
503021.98 3635875.90 0.76731 503071.98
3635875.90 0.78237
503121.98 3635875.90 0.80411 503171.98
3635875.90 0.83025
503221.98 3635875.90 0.83812 503271.98
3635875.90 0.84195
503321.98 3635875.90 0.88991 503371.98
3635875.90 0.91949
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3635875.90 0.99640
503621.98 3635875.90 1.04151 503671.98
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503921.98 3635875.90 1.06789 503971.98
3635875.90 1.07633
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3635875.90 1.09042
504121.98 3635875.90 1.08991 504171.98
3635875.90 1.07790
504221.98 3635875.90 1.08094 504271.98
3635875.90 1.07490
504321.98 3635875.90 1.04126 504371.98
3635875.90 1.01093
504421.98 3635875.90 0.98856 504471.98
3635875.90 0.94878
504521.98 3635875.90 0.92295 504571.98
3635875.90 0.89648
504621.98 3635875.90 0.86989 504671.98
3635875.90 0.84064
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3635875.90 0.74877
504821.98 3635875.90 0.75562 504871.98
3635875.90 0.73971
504921.98 3635875.90 0.72764 504971.98
3635875.90 0.71698
505021.98 3635875.90 0.69442 505071.98

3635875.90        0.67416
         505121.98    3635875.90        0.65867                        505171.98
3635875.90        0.64058
         505221.98    3635875.90        0.62273                        502221.98
3635925.90        0.46559
         502271.98    3635925.90        0.49175                        502321.98
3635925.90        0.51002
         502371.98    3635925.90        0.52957                        502421.98
3635925.90        0.54344
         502471.98    3635925.90        0.55992                        502521.98
3635925.90        0.57395
         502571.98    3635925.90        0.59299                        502621.98
3635925.90        0.61138
         502671.98    3635925.90        0.63095                        502721.98
3635925.90        0.65110
         502771.98    3635925.90        0.67085                        502821.98
3635925.90        0.68832

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503271.98 3635925.90 0.81540 503321.98
3635925.90 0.84750
503371.98 3635925.90 0.87912 503421.98
3635925.90 0.90740
503471.98 3635925.90 0.89791 503521.98
3635925.90 0.87010
503571.98 3635925.90 0.93597 503621.98
3635925.90 0.99126
503671.98 3635925.90 0.99651 503721.98
3635925.90 0.99884
503771.98 3635925.90 1.00164 503821.98
3635925.90 1.00266
503871.98 3635925.90 1.00321 503921.98
3635925.90 1.01121
503971.98 3635925.90 1.02263 504021.98
3635925.90 1.02397
504071.98 3635925.90 1.03448 504121.98
3635925.90 1.04234
504171.98 3635925.90 1.04641 504221.98
3635925.90 1.05216
504271.98 3635925.90 1.03727 504321.98
3635925.90 1.01441
504371.98 3635925.90 0.99947 504421.98
3635925.90 0.98197
504471.98 3635925.90 0.95259 504521.98
3635925.90 0.91500
504571.98 3635925.90 0.87529 504621.98
3635925.90 0.83501
504671.98 3635925.90 0.81637 504721.98
3635925.90 0.78850
504771.98 3635925.90 0.76088 504821.98
3635925.90 0.70938
504871.98 3635925.90 0.70574 504921.98
3635925.90 0.69502
504971.98 3635925.90 0.69518 505021.98
3635925.90 0.68087
505071.98 3635925.90 0.66358 505121.98
3635925.90 0.64149
505171.98 3635925.90 0.62344 505221.98
3635925.90 0.61372
502221.98 3635975.90 0.44884 502271.98
3635975.90 0.47379
502321.98 3635975.90 0.49187 502371.98
3635975.90 0.51301
502421.98 3635975.90 0.52651 502471.98
3635975.90 0.54277
502521.98 3635975.90 0.55687 502571.98
3635975.90 0.57682
502621.98 3635975.90 0.59380 502671.98
3635975.90 0.61048

         503821.98    3635975.90        0.95641                       503871.98
3635975.90        0.95414
         503921.98    3635975.90        0.96045                       503971.98

3635975.90 0.97044
504021.98 3635975.90 0.98204 504071.98
3635975.90 0.99407
504121.98 3635975.90 1.00316 504171.98
3635975.90 1.00989
504221.98 3635975.90 1.01148 504271.98
3635975.90 1.00174
504321.98 3635975.90 0.99152 504371.98
3635975.90 0.98300
504421.98 3635975.90 0.96623 504471.98
3635975.90 0.93850
504521.98 3635975.90 0.91480 504571.98
3635975.90 0.88635
504621.98 3635975.90 0.86252 504671.98
3635975.90 0.82288
504721.98 3635975.90 0.79316 504771.98
3635975.90 0.75876
504821.98 3635975.90 0.72416 504871.98
3635975.90 0.69905
504921.98 3635975.90 0.67829 504971.98
3635975.90 0.67287
505021.98 3635975.90 0.65972 505071.98
3635975.90 0.64466
505121.98 3635975.90 0.62656 505171.98
3635975.90 0.60991
505221.98 3635975.90 0.59073 501721.98
3632475.90 0.32536
501821.98 3632475.90 0.33949 501921.98
3632475.90 0.35427
502021.98 3632475.90 0.36974 502121.98
3632475.90 0.38579
502221.98 3632475.90 0.40248 502321.98
3632475.90 0.41975
502421.98 3632475.90 0.43742 502521.98
3632475.90 0.45541
502621.98 3632475.90 0.47344 502721.98
3632475.90 0.49139
502821.98 3632475.90 0.50912 502921.98
3632475.90 0.46251
503021.98 3632475.90 0.45394 503121.98
3632475.90 0.43599
503221.98 3632475.90 0.45596 503321.98
3632475.90 0.42978
503421.98 3632475.90 0.41782 503721.98
3632475.90 0.39815
503821.98 3632475.90 0.36690 503921.98
3632475.90 0.33737
504021.98 3632475.90 0.31371 504121.98
3632475.90 0.30803
504221.98 3632475.90 0.28891 504321.98

3632475.90        0.28106
         504421.98    3632475.90        0.30051                        504521.98
3632475.90        0.32091
         504621.98    3632475.90        0.27946                        504721.98
3632475.90        0.26574
         504821.98    3632475.90        0.26742                        504921.98
3632475.90        0.26332
         505021.98    3632475.90        0.25525                        505121.98
3632475.90        0.25955
         505221.98    3632475.90        0.25330                        505321.98
3632475.90        0.25052
         505421.98    3632475.90        0.25054                        505521.98
3632475.90        0.25249
         505621.98    3632475.90        0.26092                        505721.98
3632475.90        0.27210
         501721.98    3632575.90        0.33850                        501821.98
3632575.90        0.35391
         501921.98    3632575.90        0.37014                        502021.98
3632575.90        0.38720
         502121.98    3632575.90        0.40504                        502221.98
3632575.90        0.42368
         502321.98    3632575.90        0.44303                        502421.98
3632575.90        0.46300
         502521.98    3632575.90        0.48346                        502621.98
3632575.90        0.50423
         502721.98    3632575.90        0.52494                        502821.98
3632575.90        0.54562

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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```
         504421.98    3632675.90        0.29993                       504521.98
3632675.90        0.30632
         504621.98    3632675.90        0.30328                       504721.98
3632675.90        0.30059
         504821.98    3632675.90        0.30212                       504921.98
3632675.90        0.29790
         505021.98    3632675.90        0.29712                       505121.98
3632675.90        0.29894
         505221.98    3632675.90        0.29820                       505321.98
3632675.90        0.29674
         505421.98    3632675.90        0.30493                       505521.98
3632675.90        0.31546
         505621.98    3632675.90        0.31732                       505721.98
3632675.90        0.30853
         502421.98    3632775.90        0.51962                       502521.98
3632775.90        0.47257
         502621.98    3632775.90        0.50573                       502721.98
3632775.90        0.60235
         502821.98    3632775.90        0.53129                       502921.98
3632775.90        0.44345
         503021.98    3632775.90        0.40851                       503121.98
3632775.90        0.45588
         503221.98    3632775.90        0.50129                       503621.98
3632775.90        0.50368
         503721.98    3632775.90        0.48366                       503821.98
3632775.90        0.42604
         503921.98    3632775.90        0.41650                       504021.98
3632775.90        0.40177
         504121.98    3632775.90        0.36312                       504221.98
3632775.90        0.33617
         504321.98    3632775.90        0.32446                       504421.98
3632775.90        0.32491
```



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                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 0.32561 | 504621.98 | 3632775.90 | 0.32498 |
| 504721.98 | 3632775.90 | 0.32667 | 504821.98 | 3632775.90 | 0.32514 |
| 504921.98 | 3632775.90 | 0.32692 | 505021.98 | 3632775.90 | 0.32756 |
| 505121.98 | 3632775.90 | 0.32703 | 505221.98 | 3632775.90 | 0.32523 |
| 505321.98 | 3632775.90 | 0.33012 | 505421.98 | 3632775.90 | 0.34046 |
| 505521.98 | 3632775.90 | 0.34637 | 505621.98 | 3632775.90 | 0.34579 |
| 505721.98 | 3632775.90 | 0.33782 | 501721.98 | 3632875.90 | 0.38078 |
| 501821.98 | 3632875.90 | 0.40083 | 501921.98 | 3632875.90 | 0.42222 |
| 502021.98 | 3632875.90 | 0.44499 | 502121.98 | 3632875.90 | 0.46933 |
| 502221.98 | 3632875.90 | 0.49503 | 502321.98 | 3632875.90 | 0.52253 |
| 502421.98 | 3632875.90 | 0.55176 | 502521.98 | 3632875.90 | 0.58233 |
| 502621.98 | 3632875.90 | 0.61417 | 502721.98 | 3632875.90 | 0.64685 |
| 502821.98 | 3632875.90 | 0.57426 | 502921.98 | 3632875.90 | 0.44401 |
| 503021.98 | 3632875.90 | 0.32851 | 503121.98 | 3632875.90 | 0.41282 |
| 503221.98 | 3632875.90 | 0.57812 | 503321.98 | 3632875.90 | 0.60338 |
| 503421.98 | 3632875.90 | 0.59863 | 503621.98 | 3632875.90 | 0.55090 |
| 503721.98 | 3632875.90 | 0.52373 | 503821.98 | 3632875.90 | 0.45295 |
| 503921.98 | 3632875.90 | 0.39199 | 504021.98 | 3632875.90 | 0.38732 |
| 504121.98 | 3632875.90 | 0.38058 | 504221.98 | 3632875.90 | 0.36287 |
| 504321.98 | 3632875.90 | 0.35806 | 504421.98 | 3632875.90 | 0.35405 |
| 504521.98 | 3632875.90 | 0.35344 | 504621.98 | 3632875.90 | 0.35518 |
| 504721.98 | 3632875.90 | 0.35784 | 504821.98 | | |

3632875.90        0.35827
         504921.98    3632875.90        0.36161                        505021.98
3632875.90        0.36209
         505121.98    3632875.90        0.36004                        505221.98
3632875.90        0.36403
         505321.98    3632875.90        0.37270                        505421.98
3632875.90        0.38007
         505521.98    3632875.90        0.37650                        505621.98
3632875.90        0.37695
         505721.98    3632875.90        0.36569                        501721.98
3632975.90        0.39545
         501821.98    3632975.90        0.41737                        501921.98
3632975.90        0.44087
         502021.98    3632975.90        0.46609                        502121.98
3632975.90        0.49304
         505321.98    3632975.90        0.42034                        505421.98
3632975.90        0.41805
         505521.98    3632975.90        0.41818                        505621.98
3632975.90        0.41067
         505721.98    3632975.90        0.39470                        501721.98
3633075.90        0.41018
         501821.98    3633075.90        0.43399                        501921.98
3633075.90        0.45987
         502021.98    3633075.90        0.48767                        502121.98
3633075.90        0.51774
         505321.98    3633075.90        0.46321                        505421.98
3633075.90        0.46524
         505521.98    3633075.90        0.46120                        505621.98
3633075.90        0.44679
         505721.98    3633075.90        0.42115                        501721.98
3633175.90        0.42499
         501821.98    3633175.90        0.45089                        501921.98
3633175.90        0.47902
         502021.98    3633175.90        0.50976                        502121.98
3633175.90        0.54262
         505321.98    3633175.90        0.51393                        505421.98
3633175.90        0.50568

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 0.49801 | 505621.98 | 3633175.90 | 0.48371 |
| 505721.98 | 3633175.90 | 0.45113 | 501721.98 | 3633275.90 | 0.43974 |
| 501821.98 | 3633275.90 | 0.46801 | 501921.98 | 3633275.90 | 0.49867 |
| 502021.98 | 3633275.90 | 0.53234 | 502121.98 | 3633275.90 | 0.56868 |
| 505321.98 | 3633275.90 | 0.56914 | 505421.98 | 3633275.90 | 0.54279 |
| 505521.98 | 3633275.90 | 0.53106 | 505621.98 | 3633275.90 | 0.51965 |
| 505721.98 | 3633275.90 | 0.48820 | 501721.98 | 3633375.90 | 0.45426 |
| 501821.98 | 3633375.90 | 0.48463 | 501921.98 | 3633375.90 | 0.51791 |
| 502021.98 | 3633375.90 | 0.55464 | 502121.98 | 3633375.90 | 0.59516 |
| 505321.98 | 3633375.90 | 0.62746 | 505421.98 | 3633375.90 | 0.58142 |
| 505521.98 | 3633375.90 | 0.55933 | 505621.98 | 3633375.90 | 0.55087 |
| 505721.98 | 3633375.90 | 0.51781 | 501721.98 | 3633475.90 | 0.46863 |
| 501821.98 | 3633475.90 | 0.50125 | 501921.98 | 3633475.90 | 0.53748 |
| 502021.98 | 3633475.90 | 0.57746 | 502121.98 | 3633475.90 | 0.62137 |
| 505321.98 | 3633475.90 | 0.67873 | 505421.98 | 3633475.90 | 0.62370 |
| 505521.98 | 3633475.90 | 0.59082 | 505621.98 | 3633475.90 | 0.55522 |
| 505721.98 | 3633475.90 | 0.52121 | 501721.98 | 3633575.90 | 0.48253 |
| 501821.98 | 3633575.90 | 0.51748 | 501921.98 | 3633575.90 | 0.55620 |
| 502021.98 | 3633575.90 | 0.59929 | 502121.98 | 3633575.90 | 0.64871 |

```
         505321.98    3633575.90        0.71624                        505421.98
3633575.90        0.63453
         505521.98    3633575.90        0.58780                        505621.98
3633575.90        0.55774
         505721.98    3633575.90        0.53058                        501721.98
3633675.90        0.49591
         501821.98    3633675.90        0.53273                        501921.98
3633675.90        0.57434
         502021.98    3633675.90        0.62110                        502121.98
3633675.90        0.67425
         505321.98    3633675.90        0.70706                        505421.98
3633675.90        0.62249
         505521.98    3633675.90        0.58946                        505621.98
3633675.90        0.56994
         505721.98    3633675.90        0.55611                        501721.98
3633775.90        0.50851
         501821.98    3633775.90        0.54747                        501921.98
3633775.90        0.59143
         502021.98    3633775.90        0.64115                        502121.98
3633775.90        0.69743
         505321.98    3633775.90        0.72602                        505421.98
3633775.90        0.66304
         505521.98    3633775.90        0.61405                        505621.98
3633775.90        0.58460
         505721.98    3633775.90        0.56292                        501721.98
3633875.90        0.51982
         501821.98    3633875.90        0.56123                        501921.98
3633875.90        0.60639
         502021.98    3633875.90        0.66002                        502121.98
3633875.90        0.71991
         505321.98    3633875.90        0.75178                        505421.98
3633875.90        0.68281
         505521.98    3633875.90        0.61433                        505621.98
3633875.90        0.55668
         505721.98    3633875.90        0.53159                        501721.98
3633975.90        0.52993
         501821.98    3633975.90        0.57280                        501921.98
3633975.90        0.62139
         502021.98    3633975.90        0.67656                        502121.98
3633975.90        0.74061
         505321.98    3633975.90        0.70778                        505421.98
3633975.90        0.63343
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 0.56943 | 505621.98 | 3633975.90 | 0.52064 |
| 505721.98 | 3633975.90 | 0.49535 | 501721.98 | 3634075.90 | 0.53835 |
| 501821.98 | 3634075.90 | 0.58285 | 501921.98 | 3634075.90 | 0.63336 |
| 502021.98 | 3634075.90 | 0.69103 | 502121.98 | 3634075.90 | 0.75739 |
| 505321.98 | 3634075.90 | 0.64488 | 505421.98 | 3634075.90 | 0.59536 |
| 505521.98 | 3634075.90 | 0.57179 | 505621.98 | 3634075.90 | 0.53879 |
| 505721.98 | 3634075.90 | 0.48764 | 501721.98 | 3634175.90 | 0.54403 |
| 501821.98 | 3634175.90 | 0.59050 | 501921.98 | 3634175.90 | 0.64275 |
| 502021.98 | 3634175.90 | 0.70041 | 502121.98 | 3634175.90 | 0.77014 |
| 505321.98 | 3634175.90 | 0.69233 | 505421.98 | 3634175.90 | 0.65022 |
| 505521.98 | 3634175.90 | 0.61123 | 505621.98 | 3634175.90 | 0.53267 |
| 505721.98 | 3634175.90 | 0.47056 | 501721.98 | 3634275.90 | 0.54851 |
| 501821.98 | 3634275.90 | 0.59468 | 501921.98 | 3634275.90 | 0.64736 |
| 502021.98 | 3634275.90 | 0.70752 | 502121.98 | 3634275.90 | 0.77775 |
| 505321.98 | 3634275.90 | 0.75491 | 505421.98 | 3634275.90 | 0.70123 |
| 505521.98 | 3634275.90 | 0.57028 | 505621.98 | 3634275.90 | 0.50851 |
| 505721.98 | 3634275.90 | 0.44928 | 501721.98 | | |

```
3634375.90        0.55278
         501821.98    3634375.90        0.60029                        501921.98
3634375.90        0.65270
         502021.98    3634375.90        0.71379                        502121.98
3634375.90        0.78655
         505321.98    3634375.90        0.79324                        505421.98
3634375.90        0.71174
         505521.98    3634375.90        0.55329                        505621.98
3634375.90        0.48225
         505721.98    3634375.90        0.43992                        501721.98
3634475.90        0.55487
         501821.98    3634475.90        0.60259                        501921.98
3634475.90        0.65675
         502021.98    3634475.90        0.71973                        502121.98
3634475.90        0.79127
         505321.98    3634475.90        0.79967                        505421.98
3634475.90        0.83441
         505521.98    3634475.90        0.66086                        505621.98
3634475.90        0.54077
         505721.98    3634475.90        0.45780                        501721.98
3634575.90        0.55439
         501821.98    3634575.90        0.60126                        501921.98
3634575.90        0.65496
         502021.98    3634575.90        0.71733                        502121.98
3634575.90        0.78972
         505321.98    3634575.90        0.77779                        505421.98
3634575.90        0.87065
         505521.98    3634575.90        0.76294                        505621.98
3634575.90        0.57635
         505721.98    3634575.90        0.47747                        501721.98
3634675.90        0.55211
         501821.98    3634675.90        0.59883                        501921.98
3634675.90        0.65161
         502021.98    3634675.90        0.71271                        502121.98
3634675.90        0.78089
         505321.98    3634675.90        0.78606                        505421.98
3634675.90        0.87016
         505521.98    3634675.90        0.85024                        505621.98
3634675.90        0.70408
         505721.98    3634675.90        0.54614                        501721.98
3634775.90        0.54705
         501821.98    3634775.90        0.59274                        501921.98
3634775.90        0.64357
         502021.98    3634775.90        0.70295                        502121.98
3634775.90        0.77031
         505321.98    3634775.90        0.77445                        505421.98
3634775.90        0.92281
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 0.84860 | 505621.98 | 3634775.90 | 0.76130 |
| 505721.98 | 3634775.90 | 0.65719 | 501721.98 | 3634875.90 | 0.53936 |
| 501821.98 | 3634875.90 | 0.58336 | 501921.98 | 3634875.90 | 0.63264 |
| 502021.98 | 3634875.90 | 0.68842 | 502121.98 | 3634875.90 | 0.75248 |
| 505321.98 | 3634875.90 | 0.80623 | 505421.98 | 3634875.90 | 0.88538 |
| 505521.98 | 3634875.90 | 0.81680 | 505621.98 | 3634875.90 | 0.75560 |
| 505721.98 | 3634875.90 | 0.69674 | 501721.98 | 3634975.90 | 0.52972 |
| 501821.98 | 3634975.90 | 0.57108 | 501921.98 | 3634975.90 | 0.61724 |
| 502021.98 | 3634975.90 | 0.66981 | 502121.98 | 3634975.90 | 0.72992 |
| 505321.98 | 3634975.90 | 0.82769 | 505421.98 | 3634975.90 | 0.83382 |
| 505521.98 | 3634975.90 | 0.77203 | 505621.98 | 3634975.90 | 0.71735 |
| 505721.98 | 3634975.90 | 0.66883 | 501721.98 | 3635075.90 | 0.51699 |
| 501821.98 | 3635075.90 | 0.55607 | 501921.98 | 3635075.90 | 0.70978 |
| 502021.98 | 3635075.90 | 0.75130 | 502121.98 | 3635075.90 | 0.70460 |

505321.98 3635075.90 0.82626 505421.98
3635075.90 0.78779
505521.98 3635075.90 0.72935 505621.98
3635075.90 0.67735
505721.98 3635075.90 0.63294 501721.98
3635175.90 0.59357
501821.98 3635175.90 0.62334 501921.98
3635175.90 0.68028
502021.98 3635175.90 0.71126 502121.98
3635175.90 0.67742
505321.98 3635175.90 0.81028 505421.98
3635175.90 0.74894
505521.98 3635175.90 0.69357 505621.98
3635175.90 0.64491
505721.98 3635175.90 0.60205 501721.98
3635275.90 0.57161
501821.98 3635275.90 0.60055 501921.98
3635275.90 0.63017
502021.98 3635275.90 0.66247 502121.98
3635275.90 0.69339
505621.98 3635275.90 0.61321 505721.98
3635275.90 0.57420
501721.98 3635375.90 0.51994 501821.98
3635375.90 0.54962
501921.98 3635375.90 0.57791 502021.98
3635375.90 0.60980
502121.98 3635375.90 0.64984 505621.98
3635375.90 0.59154
501721.98 3635475.90 0.47064 501821.98
3635475.90 0.49744
501921.98 3635475.90 0.53700 502021.98
3635475.90 0.57553
502121.98 3635475.90 0.60856 505621.98
3635475.90 0.56724
505721.98 3635475.90 0.53231 501721.98
3635575.90 0.43334
501821.98 3635575.90 0.46108 501921.98
3635575.90 0.50051
502021.98 3635575.90 0.53060 502121.98
3635575.90 0.55641
505321.98 3635575.90 0.65976 505421.98
3635575.90 0.61813
505521.98 3635575.90 0.57914 505621.98
3635575.90 0.54343
505721.98 3635575.90 0.51103 501721.98
3635675.90 0.39774
501821.98 3635675.90 0.42958 501921.98
3635675.90 0.46075
502021.98 3635675.90 0.48662 502121.98
3635675.90 0.51002

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 ,
L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 0.55266 | 505621.98 | 3635675.90 | 0.52024 |
| 505721.98 | 3635675.90 | 0.49040 | 501721.98 | 3635775.90 | 0.36559 |
| 501821.98 | 3635775.90 | 0.39895 | 501921.98 | 3635775.90 | 0.42897 |
| 502021.98 | 3635775.90 | 0.45355 | 502121.98 | 3635775.90 | 0.47946 |
| 505321.98 | 3635775.90 | 0.60639 | 505421.98 | 3635775.90 | 0.56618 |
| 505521.98 | 3635775.90 | 0.52913 | 505621.98 | 3635775.90 | 0.49499 |
| 505721.98 | 3635775.90 | 0.46754 | 501721.98 | 3635875.90 | 0.33562 |
| 501821.98 | 3635875.90 | 0.36871 | 501921.98 | 3635875.90 | 0.40023 |
| 502021.98 | 3635875.90 | 0.42186 | 502121.98 | 3635875.90 | 0.44831 |
| 505321.98 | 3635875.90 | 0.59124 | 505421.98 | 3635875.90 | 0.54396 |
| 505521.98 | 3635875.90 | 0.51010 | 505621.98 | 3635875.90 | 0.47867 |
| 505721.98 | 3635875.90 | 0.45156 | 501721.98 | | |

3635975.90 0.31521
501821.98 3635975.90 0.34760 501921.98
3635975.90 0.37485
502021.98 3635975.90 0.39371 502121.98
3635975.90 0.41864
505321.98 3635975.90 0.56161 505421.98
3635975.90 0.52413
505521.98 3635975.90 0.49151 505621.98
3635975.90 0.46379
505721.98 3635975.90 0.43536 501721.98
3636075.90 0.30352
501821.98 3636075.90 0.32542 501921.98
3636075.90 0.34989
502021.98 3636075.90 0.36892 502121.98
3636075.90 0.39333
502221.98 3636075.90 0.42366 502321.98
3636075.90 0.46152
502421.98 3636075.90 0.49577 502521.98
3636075.90 0.52525
502621.98 3636075.90 0.55600 502721.98
3636075.90 0.58796
502821.98 3636075.90 0.61727 502921.98
3636075.90 0.63903
503021.98 3636075.90 0.65881 503121.98
3636075.90 0.65946
503221.98 3636075.90 0.70208 503321.98
3636075.90 0.75494
503421.98 3636075.90 0.79652 503521.98
3636075.90 0.83363
503621.98 3636075.90 0.85679 503721.98
3636075.90 0.86847
503821.98 3636075.90 0.87428 503921.98
3636075.90 0.88475
504021.98 3636075.90 0.89959 504121.98
3636075.90 0.90800
504221.98 3636075.90 0.91187 504321.98
3636075.90 0.91306
504421.98 3636075.90 0.88767 504521.98
3636075.90 0.84754
504621.98 3636075.90 0.82099 504721.98
3636075.90 0.78612
504821.98 3636075.90 0.72158 504921.98
3636075.90 0.66020
505021.98 3636075.90 0.62598 505121.98
3636075.90 0.59192
505221.98 3636075.90 0.56142 505321.98
3636075.90 0.53498
505421.98 3636075.90 0.49969 505521.98
3636075.90 0.47621
505621.98 3636075.90 0.44876 505721.98

3636075.90        0.42256
         501721.98    3636175.90        0.28261                       501821.98
3636175.90        0.30406
         501921.98    3636175.90        0.32952                       502021.98
3636175.90        0.34903
         502121.98    3636175.90        0.37231                       502221.98
3636175.90        0.40258

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3636175.90        0.43876                       502421.98
3636175.90        0.47082
         502521.98    3636175.90        0.49765                       502621.98
3636175.90        0.52511
         502721.98    3636175.90        0.54865                       502821.98
3636175.90        0.57174
         502921.98    3636175.90        0.59177                       503021.98
3636175.90        0.60277
         503121.98    3636175.90        0.57840                       503221.98
3636175.90        0.63564
         503321.98    3636175.90        0.69124                       503421.98
3636175.90        0.72832
         503521.98    3636175.90        0.75565                       503621.98
3636175.90        0.77870
         503721.98    3636175.90        0.78770                       503821.98
3636175.90        0.78942
         503921.98    3636175.90        0.79360                       504021.98
3636175.90        0.79855

504121.98 3636175.90 0.79292 504221.98
3636175.90 0.79872
504321.98 3636175.90 0.76005 504421.98
3636175.90 0.69853
504521.98 3636175.90 0.60452 504621.98
3636175.90 0.64762
504721.98 3636175.90 0.73168 504821.98
3636175.90 0.70046
504921.98 3636175.90 0.66507 505021.98
3636175.90 0.61319
505121.98 3636175.90 0.56182 505221.98
3636175.90 0.53568
505321.98 3636175.90 0.51436 505421.98
3636175.90 0.48991
505521.98 3636175.90 0.45990 505621.98
3636175.90 0.43545
505721.98 3636175.90 0.41122 501721.98
3636275.90 0.27013
501821.98 3636275.90 0.28914 501921.98
3636275.90 0.31218
502021.98 3636275.90 0.33540 502121.98
3636275.90 0.36233
502221.98 3636275.90 0.39127 502321.98
3636275.90 0.42021
502421.98 3636275.90 0.44749 502521.98
3636275.90 0.47255
502621.98 3636275.90 0.49195 502721.98
3636275.90 0.51109
502821.98 3636275.90 0.52923 502921.98
3636275.90 0.54424
503021.98 3636275.90 0.56112 503121.98
3636275.90 0.56079
503221.98 3636275.90 0.56889 503321.98
3636275.90 0.60870
503421.98 3636275.90 0.65201 503521.98
3636275.90 0.68078
503621.98 3636275.90 0.70102 503721.98
3636275.90 0.71028
503821.98 3636275.90 0.71075 503921.98
3636275.90 0.71109
504021.98 3636275.90 0.70316 504121.98
3636275.90 0.67808
504221.98 3636275.90 0.61758 504321.98
3636275.90 0.50860
504421.98 3636275.90 0.49112 504521.98
3636275.90 0.47081
504621.98 3636275.90 0.50654 504721.98
3636275.90 0.57091
504821.98 3636275.90 0.51759 504921.98
3636275.90 0.60376

```
         505021.98    3636275.90        0.58460                       505121.98
3636275.90        0.53557
         505221.98    3636275.90        0.51088                       505321.98
3636275.90        0.49380
         505421.98    3636275.90        0.47321                       505521.98
3636275.90        0.44565
         505621.98    3636275.90        0.42334                       505721.98
3636275.90        0.40199
         501721.98    3636375.90        0.25788                       501821.98
3636375.90        0.27725
         501921.98    3636375.90        0.30173                       502021.98
3636375.90        0.32244
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502121.98    3636375.90        0.34780                       502221.98
3636375.90        0.37262
         502321.98    3636375.90        0.39721                       502421.98
3636375.90        0.42450
         502521.98    3636375.90        0.44604                       502621.98
3636375.90        0.46519
         502721.98    3636375.90        0.47659                       502821.98
3636375.90        0.48647
         502921.98    3636375.90        0.49533                       503021.98
3636375.90        0.50323
         503121.98    3636375.90        0.50211                       503221.98
3636375.90        0.50278
         503321.98    3636375.90        0.53243                       503421.98
```

3636375.90 0.58601
503521.98 3636375.90 0.60922 503621.98
3636375.90 0.62518
503721.98 3636375.90 0.63805 503821.98
3636375.90 0.64119
503921.98 3636375.90 0.62252 504021.98
3636375.90 0.61036
504121.98 3636375.90 0.57075 504221.98
3636375.90 0.49982
504321.98 3636375.90 0.44819 504421.98
3636375.90 0.43149
504521.98 3636375.90 0.42615 504621.98
3636375.90 0.44229
504721.98 3636375.90 0.46895 504821.98
3636375.90 0.43096
504921.98 3636375.90 0.42751 505021.98
3636375.90 0.53769
505121.98 3636375.90 0.52457 505221.98
3636375.90 0.49781
505321.98 3636375.90 0.47544 505421.98
3636375.90 0.45276
505521.98 3636375.90 0.43257 505621.98
3636375.90 0.41191
505721.98 3636375.90 0.39200 501721.98
3636475.90 0.24117
501821.98 3636475.90 0.26072 501921.98
3636475.90 0.28915
502021.98 3636475.90 0.30643 502121.98
3636475.90 0.32742
502221.98 3636475.90 0.35327 502321.98
3636475.90 0.38021
502421.98 3636475.90 0.40404 502521.98
3636475.90 0.42065
502621.98 3636475.90 0.43566 502721.98
3636475.90 0.44532
502821.98 3636475.90 0.44478 502921.98
3636475.90 0.45109
503021.98 3636475.90 0.45097 503121.98
3636475.90 0.44540
503221.98 3636475.90 0.44639 503321.98
3636475.90 0.47920
503421.98 3636475.90 0.51511 503521.98
3636475.90 0.54164
503621.98 3636475.90 0.55721 503721.98
3636475.90 0.57238
503821.98 3636475.90 0.56081 503921.98
3636475.90 0.54357
504021.98 3636475.90 0.45441 504121.98
3636475.90 0.46478
504221.98 3636475.90 0.45942 504321.98

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633475.90        0.97269                        502771.98
3633475.90        1.01425
         502821.98    3633475.90        1.05766                        502871.98
3633475.90        1.10291
         502921.98    3633475.90        1.14951                        502971.98
3633475.90        1.19836

503021.98 3633475.90 1.24888 503071.98 3633475.90 1.30027
503121.98 3633475.90 1.35327 503171.98 3633475.90 1.40699
503221.98 3633475.90 1.45862 503271.98 3633475.90 1.49209
503321.98 3633475.90 1.27297 503371.98 3633475.90 0.94813
503421.98 3633475.90 0.96583 503471.98 3633475.90 0.99366
503521.98 3633475.90 1.04280 503621.98 3633475.90 1.05229
503671.98 3633475.90 0.93899 503721.98 3633475.90 0.86311
503771.98 3633475.90 0.87409 503821.98 3633475.90 0.83595
503871.98 3633475.90 0.83906 503921.98 3633475.90 0.90426
503971.98 3633475.90 0.91252 504021.98 3633475.90 0.87289
504071.98 3633475.90 0.88530 504121.98 3633475.90 0.92120
504171.98 3633475.90 0.88561 504221.98 3633475.90 0.90613
504271.98 3633475.90 0.94020 504321.98 3633475.90 0.94238
504371.98 3633475.90 0.85906 504421.98 3633475.90 0.80466
504471.98 3633475.90 0.77494 504521.98 3633475.90 0.76590
504571.98 3633475.90 0.78153 504621.98 3633475.90 0.80565
504671.98 3633475.90 0.81747 504721.98 3633475.90 0.83795
502721.98 3633525.90 1.01115 502771.98 3633525.90 1.05646
502821.98 3633525.90 1.10415 502871.98 3633525.90 1.15434
502921.98 3633525.90 1.20644 502971.98 3633525.90 1.26084
503021.98 3633525.90 1.31725 503071.98 3633525.90 1.37556
503121.98 3633525.90 1.43538 503171.98 3633525.90 1.49622
503221.98 3633525.90 1.55737 503271.98 3633525.90 1.59847
503321.98 3633525.90 1.62616 503371.98 3633525.90 1.27326
503421.98 3633525.90 1.23678 503471.98 3633525.90 1.24151

```
         503521.98    3633525.90        1.21300                      503621.98
3633525.90        1.30062
         503671.98    3633525.90        1.21384                      503721.98
3633525.90        1.20754
         503771.98    3633525.90        1.08771                      503821.98
3633525.90        0.98315
         503871.98    3633525.90        1.02068                      503921.98
3633525.90        1.10007
         503971.98    3633525.90        1.06600                      504021.98
3633525.90        1.00350
         504071.98    3633525.90        1.02265                      504121.98
3633525.90        1.07575
         504171.98    3633525.90        1.07891                      504221.98
3633525.90        1.09202
         504271.98    3633525.90        1.06361                      504321.98
3633525.90        0.93101
         504371.98    3633525.90        0.88511                      504421.98
3633525.90        0.85112
         504471.98    3633525.90        0.83568                      504521.98
3633525.90        0.85347
         504571.98    3633525.90        0.88569                      504621.98
3633525.90        0.91027
         504671.98    3633525.90        0.91154                      504721.98
3633525.90        0.90406
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 357
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)  CONC

- - - -

3633625.90        1.54181
         503121.98    3633625.90        1.61885                          503171.98
3633625.90        1.69900
         503221.98    3633625.90        1.78099                          503271.98
3633625.90        1.86313
         503321.98    3633625.90        1.94383                          503371.98
3633625.90        1.94856
         503421.98    3633625.90        1.80056                          503471.98
3633625.90        1.77651
         503521.98    3633625.90        1.81490                          503621.98
3633625.90        1.66864
         503671.98    3633625.90        1.59344                          503721.98
3633625.90        1.66580
         503771.98    3633625.90        1.50099                          503821.98
3633625.90        1.48454
         503871.98    3633625.90        1.53431                          503921.98
3633625.90        1.50238
         503971.98    3633625.90        1.49216                          504021.98
3633625.90        1.43570
         504071.98    3633625.90        1.39545                          504121.98
3633625.90        1.46436
         504171.98    3633625.90        1.48302                          504221.98
3633625.90        1.45282
         504271.98    3633625.90        1.30291                          504321.98
3633625.90        1.17721
         504371.98    3633625.90        1.07941                          504421.98
3633625.90        1.03597
         504471.98    3633625.90        1.03468                          504521.98
3633625.90        1.10700
         504571.98    3633625.90        1.11974                          504621.98
3633625.90        1.09830
         504671.98    3633625.90        1.10187                          504721.98
3633625.90        1.06766

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963

, L0000964    , L0000965    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 1.13465 | 502771.98 | 3633675.90 | 1.19323 |
| 502821.98 | 3633675.90 | 1.25564 | 502871.98 | 3633675.90 | 1.32237 |
| 502921.98 | 3633675.90 | 1.39417 | 502971.98 | 3633675.90 | 1.46991 |
| 503021.98 | 3633675.90 | 1.55001 | 503071.98 | 3633675.90 | 1.63376 |
| 503121.98 | 3633675.90 | 1.72195 | 503171.98 | 3633675.90 | 1.81401 |
| 503221.98 | 3633675.90 | 1.90928 | 503271.98 | 3633675.90 | 2.00625 |
| 503321.98 | 3633675.90 | 2.10288 | 503371.98 | 3633675.90 | 2.19975 |
| 503421.98 | 3633675.90 | 2.29347 | 503471.98 | 3633675.90 | 2.27330 |
| 503521.98 | 3633675.90 | 2.22088 | 503571.98 | 3633675.90 | 1.85218 |
| 503671.98 | 3633675.90 | 1.80290 | 503721.98 | 3633675.90 | 1.84693 |
| 503771.98 | 3633675.90 | 1.83371 | 503821.98 | 3633675.90 | 1.78190 |
| 503871.98 | 3633675.90 | 1.74257 | 503921.98 | 3633675.90 | 1.74225 |
| 503971.98 | 3633675.90 | 1.70409 | 504021.98 | 3633675.90 | 1.65614 |
| 504071.98 | 3633675.90 | 1.65537 | 504121.98 | 3633675.90 | 1.69665 |
| 504171.98 | 3633675.90 | 1.72237 | 504221.98 | 3633675.90 | 1.69731 |
| 504271.98 | 3633675.90 | 1.55324 | 504321.98 | 3633675.90 | 1.36365 |
| 504371.98 | 3633675.90 | 1.23202 | 504421.98 | 3633675.90 | 1.18873 |
| 504471.98 | 3633675.90 | 1.22660 | 504521.98 | 3633675.90 | 1.26405 |
| 504571.98 | 3633675.90 | 1.24145 | 504621.98 | 3633675.90 | 1.22315 |

```
         504671.98    3633675.90        1.20104                        504721.98
3633675.90        1.17889
         502721.98    3633725.90        1.17819                        502771.98
3633725.90        1.24217
         502821.98    3633725.90        1.31030                        502871.98
3633725.90        1.38406
         502921.98    3633725.90        1.46398                        502971.98
3633725.90        1.54806
         503021.98    3633725.90        1.63661                        503071.98
3633725.90        1.73240
         503121.98    3633725.90        1.83315                        503171.98
3633725.90        1.93917
         503221.98    3633725.90        2.05012                        503271.98
3633725.90        2.16432
         503321.98    3633725.90        2.28081                        503371.98
3633725.90        2.39768
         503421.98    3633725.90        2.51294                        503471.98
3633725.90        2.61515
         503521.98    3633725.90        2.66055                        503571.98
3633725.90        2.48356
         503721.98    3633725.90        2.22941                        503771.98
3633725.90        2.12072
         503821.98    3633725.90        2.10604                        503871.98
3633725.90        2.03551
         503921.98    3633725.90        2.01277                        503971.98
3633725.90        1.92906
         504021.98    3633725.90        1.89428                        504071.98
3633725.90        1.90450
         504121.98    3633725.90        1.99827                        504171.98
3633725.90        1.98448
         504221.98    3633725.90        1.92688                        504271.98
3633725.90        1.90492
         504321.98    3633725.90        1.62170                        504371.98
3633725.90        1.45689
         504421.98    3633725.90        1.41113                        504471.98
3633725.90        1.43449
         504521.98    3633725.90        1.42244                        504571.98
3633725.90        1.38409
         504621.98    3633725.90        1.40631                        504671.98
3633725.90        1.35967
         504721.98    3633725.90        1.29787                        502721.98
3633775.90        1.22224
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 359
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 1.29195 | 502821.98 | 3633775.90 | 1.36686 |
| 502871.98 | 3633775.90 | 1.44767 | 502921.98 | 3633775.90 | 1.53583 |
| 502971.98 | 3633775.90 | 1.63014 | 503021.98 | 3633775.90 | 1.73048 |
| 503071.98 | 3633775.90 | 1.83806 | 503121.98 | 3633775.90 | 1.95299 |
| 503171.98 | 3633775.90 | 2.07532 | 503221.98 | 3633775.90 | 2.20430 |
| 503271.98 | 3633775.90 | 2.33935 | 503321.98 | 3633775.90 | 2.47838 |
| 503371.98 | 3633775.90 | 2.61959 | 503421.98 | 3633775.90 | 2.76061 |
| 503471.98 | 3633775.90 | 2.89774 | 503771.98 | 3633775.90 | 2.47723 |
| 503821.98 | 3633775.90 | 2.44307 | 503871.98 | 3633775.90 | 2.41961 |
| 503921.98 | 3633775.90 | 2.29600 | 503971.98 | 3633775.90 | 2.20184 |
| 504021.98 | 3633775.90 | 2.18747 | 504071.98 | 3633775.90 | 2.39313 |
| 504121.98 | 3633775.90 | 2.37210 | 504171.98 | 3633775.90 | 2.35899 |
| 504221.98 | 3633775.90 | 2.27972 | 504271.98 | 3633775.90 | 2.16620 |
| 504321.98 | 3633775.90 | 1.91533 | 504371.98 | 3633775.90 | 1.77245 |
| 504421.98 | 3633775.90 | 1.71776 | 504471.98 | | |

3633775.90 1.63103
504521.98 3633775.90 1.67814 504571.98
3633775.90 1.72875
504621.98 3633775.90 1.64881 504671.98
3633775.90 1.55029
504721.98 3633775.90 1.46265 502721.98
3633825.90 1.26703
502771.98 3633825.90 1.34258 502821.98
3633825.90 1.42466
502871.98 3633825.90 1.51348 502921.98
3633825.90 1.61108
502971.98 3633825.90 1.71573 503021.98
3633825.90 1.82851
503071.98 3633825.90 1.95053 503121.98
3633825.90 2.08209
503171.98 3633825.90 2.22364 503221.98
3633825.90 2.37453
503271.98 3633825.90 2.53411 503771.98
3633825.90 3.05299
503821.98 3633825.90 3.03921 503871.98
3633825.90 2.86505
503921.98 3633825.90 2.65078 503971.98
3633825.90 2.59165
504021.98 3633825.90 2.83470 504071.98
3633825.90 2.79377
504121.98 3633825.90 2.78894 504171.98
3633825.90 2.81195
504221.98 3633825.90 2.70661 504271.98
3633825.90 2.60883
504321.98 3633825.90 2.49041 504371.98
3633825.90 2.33023
504421.98 3633825.90 2.14727 504471.98
3633825.90 2.04695
504521.98 3633825.90 2.01517 504571.98
3633825.90 2.02043
504621.98 3633825.90 1.87290 504671.98
3633825.90 1.74001
504721.98 3633825.90 1.66488 502721.98
3633875.90 1.31155
502771.98 3633875.90 1.39359 502821.98
3633875.90 1.48290
502871.98 3633875.90 1.58016 502921.98
3633875.90 1.68845
502971.98 3633875.90 1.80460 503021.98
3633875.90 1.93143
503071.98 3633875.90 2.06998 503121.98
3633875.90 2.22015
503171.98 3633875.90 2.38369 503221.98
3633875.90 2.56035
503271.98 3633875.90 2.74966 503821.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE   ***

INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3                **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 3.32437 | 503921.98 | 3633875.90 | 3.21867 |
| 503971.98 | 3633875.90 | 3.47872 | 504021.98 | 3633875.90 | 3.42626 |
| 504071.98 | 3633875.90 | 3.28647 | 504121.98 | 3633875.90 | 3.34524 |
| 504171.98 | 3633875.90 | 3.24913 | 504221.98 | 3633875.90 | 3.15421 |
| 504271.98 | 3633875.90 | 3.03018 | 504321.98 | 3633875.90 | 2.83229 |
| 504371.98 | 3633875.90 | 2.68750 | 504421.98 | 3633875.90 | 2.50459 |
| 504471.98 | 3633875.90 | 2.41385 | 504521.98 | 3633875.90 | 2.41371 |
| 504571.98 | 3633875.90 | 2.31968 | 504621.98 | 3633875.90 | 2.15848 |
| 504671.98 | 3633875.90 | 1.87807 | 504721.98 | 3633875.90 | 1.80380 |
| 502721.98 | 3633925.90 | 1.35565 | 502771.98 | 3633925.90 | 1.44390 |

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         502821.98    3633925.90        1.54099                    502871.98
3633925.90        1.64831
         502921.98    3633925.90        1.76679                    502971.98
3633925.90        1.89533
         503021.98    3633925.90        2.03765                    503071.98
3633925.90        2.19451
         503121.98    3633925.90        2.36664                    503171.98
3633925.90        2.55558
         503221.98    3633925.90        2.76213                    503271.98
3633925.90        2.98736
         503821.98    3633925.90        4.36799                    503871.98
3633925.90        4.18427
         503921.98    3633925.90        4.18328                    503971.98
3633925.90        4.38888
         504021.98    3633925.90        4.14370                    504071.98
3633925.90        4.07698
         504121.98    3633925.90        3.93759                    504171.98
3633925.90        3.87030
         504221.98    3633925.90        3.76831                    504271.98
3633925.90        3.59096
         504321.98    3633925.90        3.45111                    504371.98
3633925.90        3.21915
         504421.98    3633925.90        3.07975                    504471.98
3633925.90        2.90158
         504521.98    3633925.90        2.70504                    504571.98
3633925.90        2.42731
         504621.98    3633925.90        2.21083                    504671.98
3633925.90        2.04404
         504721.98    3633925.90        1.89191                    502721.98
3633975.90        1.39922
         502771.98    3633975.90        1.49367                    502821.98
3633975.90        1.59800
         502871.98    3633975.90        1.71579                    502921.98
3633975.90        1.84549
         502971.98    3633975.90        1.98760                    503021.98
3633975.90        2.14666
         503071.98    3633975.90        2.32343                    503121.98
3633975.90        2.52007
         503171.98    3633975.90        2.73851                    503221.98
3633975.90        2.98097
         503271.98    3633975.90        3.24914                    503821.98
3633975.90        5.40032
         503871.98    3633975.90        5.30846                    503921.98
3633975.90        5.84589
         503971.98    3633975.90        5.38863                    504021.98
3633975.90        5.11367
         504071.98    3633975.90        4.89635                    504121.98
3633975.90        4.79117
         504171.98    3633975.90        4.62352                    504221.98
3633975.90        4.36845
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 1.44309 | 502771.98 | 3634025.90 | 1.54499 |
| 502821.98 | 3634025.90 | 1.65693 | 502871.98 | 3634025.90 | 1.78240 |
| 502921.98 | 3634025.90 | 1.92237 | 502971.98 | 3634025.90 | 2.07997 |
| 503021.98 | 3634025.90 | 2.25772 | 503071.98 | 3634025.90 | 2.45541 |
| 503121.98 | 3634025.90 | 2.67900 | 503171.98 | 3634025.90 | 2.93114 |
| 503221.98 | 3634025.90 | 3.21499 | 503271.98 | | |

3634025.90 3.53418
503871.98 3634025.90 7.20376 503921.98
3634025.90 7.14819
503971.98 3634025.90 6.54442 504021.98
3634025.90 6.28844
504071.98 3634025.90 5.99166 504121.98
3634025.90 5.74205
504171.98 3634025.90 5.38980 504221.98
3634025.90 5.11894
504271.98 3634025.90 4.80705 504321.98
3634025.90 4.52938
504371.98 3634025.90 4.12844 504421.98
3634025.90 3.52439
504471.98 3634025.90 3.11829 504521.98
3634025.90 2.83077
504571.98 3634025.90 2.54013 504621.98
3634025.90 2.22267
504671.98 3634025.90 1.99229 504721.98
3634025.90 1.80041
502721.98 3634075.90 1.48435 502771.98
3634075.90 1.59061
502821.98 3634075.90 1.71098 502871.98
3634075.90 1.84732
502921.98 3634075.90 1.99951 502971.98
3634075.90 2.17112
503021.98 3634075.90 2.36741 503071.98
3634075.90 2.58912
503121.98 3634075.90 2.84171 503171.98
3634075.90 3.13091
503221.98 3634075.90 3.46160 503271.98
3634075.90 3.84106
503871.98 3634075.90 9.08169 503921.98
3634075.90 8.77885
503971.98 3634075.90 8.35753 504021.98
3634075.90 7.70083
504071.98 3634075.90 7.26160 504121.98
3634075.90 6.85147
504171.98 3634075.90 6.41911 504221.98
3634075.90 6.01189
504271.98 3634075.90 5.60995 504321.98
3634075.90 5.06868
504371.98 3634075.90 4.33080 504421.98
3634075.90 3.76498
504471.98 3634075.90 3.25464 504521.98
3634075.90 2.79334
504571.98 3634075.90 2.42755 504621.98
3634075.90 2.09661
504671.98 3634075.90 1.91274 504721.98
3634075.90 1.77406
502721.98 3634125.90 1.52307 502771.98

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3634125.90        1.63477
         502821.98    3634125.90        1.76314                      502871.98
3634125.90        1.90947
         502921.98    3634125.90        2.07282                      502971.98
3634125.90        2.25946
         503021.98    3634125.90        2.47473                      503071.98
3634125.90        2.72034
         503121.98    3634125.90        3.00444                      503171.98
3634125.90        3.33437
         503221.98    3634125.90        3.71516                      503271.98
3634125.90        4.16529
         503921.98    3634125.90       11.07757                      503971.98
3634125.90       10.41155
         504021.98    3634125.90        9.65239                      504071.98
3634125.90        8.93666
         504121.98    3634125.90        8.26636                      504171.98
3634125.90        7.64020
         504221.98    3634125.90        7.04086                      504271.98
3634125.90        6.39752
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 362
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         504321.98    3634125.90        5.64361                      504371.98
3634125.90        4.83128
```

504421.98 3634125.90 4.00614 504471.98
3634125.90 3.17116
504521.98 3634125.90 2.73880 504571.98
3634125.90 2.35106
504621.98 3634125.90 2.06142 504671.98
3634125.90 1.89347
504721.98 3634125.90 1.72016 502721.98
3634175.90 1.55570
502771.98 3634175.90 1.67571 502821.98
3634175.90 1.81233
502871.98 3634175.90 1.96762 502921.98
3634175.90 2.14222
502971.98 3634175.90 2.34335 503021.98
3634175.90 2.57763
503071.98 3634175.90 2.84677 503121.98
3634175.90 3.16190
503171.98 3634175.90 3.53141 503221.98
3634175.90 3.96569
503271.98 3634175.90 4.49049 503971.98
3634175.90 13.31791
504021.98 3634175.90 12.06981 504071.98
3634175.90 10.79803
504121.98 3634175.90 9.70068 504171.98
3634175.90 8.62248
504221.98 3634175.90 8.04171 504271.98
3634175.90 7.22235
504321.98 3634175.90 6.38443 504371.98
3634175.90 4.74225
504421.98 3634175.90 3.46198 504471.98
3634175.90 3.03612
504521.98 3634175.90 2.65662 504571.98
3634175.90 2.22741
504621.98 3634175.90 1.94487 504671.98
3634175.90 1.75348
504721.98 3634175.90 1.56614 502721.98
3634225.90 1.58704
502771.98 3634225.90 1.71418 502821.98
3634225.90 1.85834
502871.98 3634225.90 2.02156 502921.98
3634225.90 2.20631
502971.98 3634225.90 2.42103 503021.98
3634225.90 2.67297
503071.98 3634225.90 2.96560 503121.98
3634225.90 3.31135
503171.98 3634225.90 3.72207 503221.98
3634225.90 4.21718
503271.98 3634225.90 4.82392 504071.98
3634225.90 13.17276
504121.98 3634225.90 11.35568 504171.98
3634225.90 9.89656

```
         504221.98    3634225.90        8.60384                        504271.98
3634225.90        7.86955
         504321.98    3634225.90        6.81143                        504371.98
3634225.90        4.65475
         504421.98    3634225.90        3.38280                        504471.98
3634225.90        2.96355
         504521.98    3634225.90        2.57790                        504571.98
3634225.90        2.18552
         504621.98    3634225.90        1.88817                        504671.98
3634225.90        1.66405
         504721.98    3634225.90        1.48405                        502721.98
3634275.90        1.61571
         502771.98    3634275.90        1.74646                        502821.98
3634275.90        1.89705
         502871.98    3634275.90        2.07102                        502921.98
3634275.90        2.26446
         502971.98    3634275.90        2.48976                        503021.98
3634275.90        2.75922
         503071.98    3634275.90        3.07344                        503121.98
3634275.90        3.44787
         503171.98    3634275.90        3.90095                        503221.98
3634275.90        4.45409
         503271.98    3634275.90        5.14650                        504121.98
3634275.90       13.16621
         504171.98    3634275.90       11.02620                        504221.98
3634275.90        9.71821
         504271.98    3634275.90        8.29217                        504321.98
3634275.90        6.89595
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 363
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 5.06008 | 504421.98 | 3634275.90 | 3.66313 |
| 504471.98 | 3634275.90 | 2.95885 | 504521.98 | 3634275.90 | 2.46951 |
| 504571.98 | 3634275.90 | 2.08789 | 504621.98 | 3634275.90 | 1.81466 |
| 504671.98 | 3634275.90 | 1.59156 | 504721.98 | 3634275.90 | 1.42498 |
| 502721.98 | 3634325.90 | 1.62998 | 502771.98 | 3634325.90 | 1.76636 |
| 502821.98 | 3634325.90 | 1.92017 | 502871.98 | 3634325.90 | 2.11238 |
| 502971.98 | 3634325.90 | 2.54956 | 503021.98 | 3634325.90 | 2.83207 |
| 503071.98 | 3634325.90 | 3.16691 | 503121.98 | 3634325.90 | 3.56735 |
| 503171.98 | 3634325.90 | 4.05701 | 503221.98 | 3634325.90 | 4.66403 |
| 503271.98 | 3634325.90 | 5.43401 | 504171.98 | 3634325.90 | 12.22103 |
| 504221.98 | 3634325.90 | 10.08776 | 504271.98 | 3634325.90 | 8.53537 |
| 504321.98 | 3634325.90 | 7.08508 | 504371.98 | 3634325.90 | 5.54160 |
| 504421.98 | 3634325.90 | 3.84739 | 504471.98 | 3634325.90 | 2.99569 |
| 504521.98 | 3634325.90 | 2.41058 | 504571.98 | 3634325.90 | 1.99912 |
| 504621.98 | 3634325.90 | 1.71086 | 504671.98 | 3634325.90 | 1.50270 |
| 504721.98 | 3634325.90 | 1.35542 | 502721.98 | 3634375.90 | 1.64352 |
| 502771.98 | 3634375.90 | 1.78395 | 502821.98 | 3634375.90 | 1.94047 |
| 503021.98 | 3634375.90 | 2.88336 | 503071.98 | 3634375.90 | 3.23906 |
| 503121.98 | 3634375.90 | 3.66075 | 503171.98 | 3634375.90 | 4.17709 |
| 503221.98 | 3634375.90 | 4.82854 | 503271.98 | 3634375.90 | 5.66241 |
| 504221.98 | 3634375.90 | 10.56326 | 504271.98 | 3634375.90 | 8.64911 |
| 504321.98 | 3634375.90 | 7.24047 | 504371.98 | | |

3634375.90        5.30538
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3634375.90        2.64580
         504521.98    3634375.90        2.19977                        504571.98
3634375.90        1.88369
         504621.98    3634375.90        1.65081                        504671.98
3634375.90        1.47096
         504721.98    3634375.90        1.33093                        502721.98
3634425.90        1.66058
         502771.98    3634425.90        1.80003                        502821.98
3634425.90        1.95922
         504271.98    3634425.90        8.48842                        504321.98
3634425.90        7.13459
         504371.98    3634425.90        5.49381                        504421.98
3634425.90        3.61637
         504471.98    3634425.90        2.67458                        504521.98
3634425.90        2.20816
         504571.98    3634425.90        1.94685                        504621.98
3634425.90        1.74309
         504671.98    3634425.90        1.54888                        504721.98
3634425.90        1.37922
         502721.98    3634475.90        1.67646                        502771.98
3634475.90        1.82116
         502821.98    3634475.90        1.98462                        504321.98
3634475.90        6.86826
         504371.98    3634475.90        5.84440                        504421.98
3634475.90        4.68708
         504471.98    3634475.90        3.31209                        504521.98
3634475.90        2.63731
         504571.98    3634475.90        2.29083                        504621.98
3634475.90        2.03367
         504671.98    3634475.90        1.71775                        504721.98
3634475.90        1.47478
         502721.98    3634525.90        1.68147                        502771.98
3634525.90        1.82293
         504371.98    3634525.90        5.64685                        504421.98
3634525.90        4.87637


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947

, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         504471.98    3634525.90        4.25356                       504521.98
3634525.90        3.59847
         504571.98    3634525.90        3.06517                       504621.98
3634525.90        2.54989
         504671.98    3634525.90        1.99347                       504721.98
3634525.90        1.64812
         502721.98    3634575.90        1.67607                       502771.98
3634575.90        1.81705
         504421.98    3634575.90        4.73192                       504471.98
3634575.90        4.13736
         504521.98    3634575.90        3.67355                       504571.98
3634575.90        3.31326
         504621.98    3634575.90        2.87844                       504671.98
3634575.90        2.38123
         504721.98    3634575.90        1.96578                       502721.98
3634625.90        1.66411
         502771.98    3634625.90        1.80159                       502821.98
3634625.90        1.96007
         502871.98    3634625.90        2.13987                       502921.98
3634625.90        2.34700
         502971.98    3634625.90        2.58886                       503021.98
3634625.90        2.87318
         503071.98    3634625.90        3.21051                       503121.98
3634625.90        3.61448
         504471.98    3634625.90        4.00277                       504521.98
3634625.90        3.55151
         504571.98    3634625.90        3.18663                       504621.98
3634625.90        2.91571
         504671.98    3634625.90        2.65305                       504721.98
3634625.90        2.33969
         502721.98    3634675.90        1.64576                       502771.98
3634675.90        1.77966
         502821.98    3634675.90        1.93225                       502871.98
3634675.90        2.10552

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         502921.98    3634675.90        2.30447                        502971.98
3634675.90        2.53541
         503021.98    3634675.90        2.80414                        503071.98
3634675.90        3.12064
         503121.98    3634675.90        3.49936                        503171.98
3634675.90        3.95079
         503221.98    3634675.90        4.50396                        503271.98
3634675.90        5.18490
         503321.98    3634675.90        6.04154                        503371.98
3634675.90        7.13593
         503421.98    3634675.90        8.55234                        503471.98
3634675.90       10.38506
         503521.98    3634675.90       12.83786                        504521.98
3634675.90        3.42847
         504571.98    3634675.90        3.07815                        504621.98
3634675.90        2.79335
         504671.98    3634675.90        2.55126                        504721.98
3634675.90        2.35457
         502721.98    3634725.90        1.62073                        502771.98
3634725.90        1.74933
         502821.98    3634725.90        1.89472                        502871.98
3634725.90        2.06004
         502921.98    3634725.90        2.24876                        502971.98
3634725.90        2.46590
         503021.98    3634725.90        2.71757                        503071.98
3634725.90        3.01111
         503121.98    3634725.90        3.35805                        503171.98
3634725.90        3.76855
         503221.98    3634725.90        4.26401                        503271.98
3634725.90        4.86204
         503321.98    3634725.90        5.59636                        503371.98
3634725.90        6.50143
         503421.98    3634725.90        7.62183                        503471.98
3634725.90        8.98710
         503521.98    3634725.90       10.69231                        503571.98
3634725.90       12.78782
         503621.98    3634725.90       15.03931                        504571.98
3634725.90        2.96549
         504621.98    3634725.90        2.69149                        504671.98
3634725.90        2.45779
         504721.98    3634725.90        2.26714                        502721.98
3634775.90        1.58965
         502771.98    3634775.90        1.71181                        502821.98
3634775.90        1.84990
         502871.98    3634775.90        2.00554                        502921.98
3634775.90        2.18249
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 2.38492 | 503021.98 | 3634775.90 | 2.61756 |
| 503071.98 | 3634775.90 | 2.88707 | 503121.98 | 3634775.90 | 3.20112 |
| 503171.98 | 3634775.90 | 3.56941 | 503221.98 | 3634775.90 | 4.00459 |
| 503271.98 | 3634775.90 | 4.52093 | 503321.98 | 3634775.90 | 5.13808 |
| 503371.98 | 3634775.90 | 5.87624 | 503421.98 | 3634775.90 | 6.75704 |
| 503471.98 | 3634775.90 | 7.77801 | 503521.98 | 3634775.90 | 8.97709 |
| 503571.98 | 3634775.90 | 10.31142 | 503621.98 | 3634775.90 | 11.69376 |
| 503671.98 | 3634775.90 | 12.97706 | 503721.98 | 3634775.90 | 14.03949 |
| 503771.98 | 3634775.90 | 14.72205 | 503821.98 | 3634775.90 | 14.83007 |
| 504621.98 | 3634775.90 | 2.58733 | 504671.98 | 3634775.90 | 2.37076 |
| 504721.98 | 3634775.90 | 2.18676 | 502721.98 | 3634825.90 | 1.55314 |
| 502771.98 | 3634825.90 | 1.66914 | 502821.98 | 3634825.90 | 1.79872 |
| 502871.98 | 3634825.90 | 1.94448 | 502921.98 | | |

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3634825.90        2.10874
         502971.98    3634825.90        2.29595                    503021.98
3634825.90        2.50917
         503071.98    3634825.90        2.75439                    503121.98
3634825.90        3.03650
         503171.98    3634825.90        3.36274                    503221.98
3634825.90        3.74174
         503271.98    3634825.90        4.18337                    503321.98
3634825.90        4.69858
         503371.98    3634825.90        5.29090                    503421.98
3634825.90        5.96805
         503471.98    3634825.90        6.73292                    503521.98
3634825.90        7.57995
         503571.98    3634825.90        8.48167                    503621.98
3634825.90        9.35636
         503671.98    3634825.90       10.14136                    503721.98
3634825.90       10.75964
         503771.98    3634825.90       11.14280                    503821.98
3634825.90       11.22132
         503871.98    3634825.90       10.98598                    503921.98
3634825.90       10.48381
         504671.98    3634825.90        2.27686                    504721.98
3634825.90        2.10316
         502721.98    3634875.90        1.51258                    502771.98
3634875.90        1.62170
         502821.98    3634875.90        1.74307                    502871.98
3634875.90        1.87869
         502921.98    3634875.90        2.03105                    502971.98
3634875.90        2.20287
         503021.98    3634875.90        2.39726                    503071.98
3634875.90        2.61848
         503121.98    3634875.90        2.87022                    503171.98
3634875.90        3.15694
         503221.98    3634875.90        3.48580                    503271.98
3634875.90        3.85950
         503321.98    3634875.90        4.28134                    503371.98
3634875.90        4.75935
         503421.98    3634875.90        5.28762                    503471.98
3634875.90        5.85682
         503521.98    3634875.90        6.46547                    503571.98
3634875.90        7.08052
         503621.98    3634875.90        7.66815                    503671.98
3634875.90        8.17352
         503721.98    3634875.90        8.54174                    503771.98
3634875.90        8.76213
         503821.98    3634875.90        8.83288                    503871.98
3634875.90        8.73002
         503921.98    3634875.90        8.63263                    504721.98
3634875.90        2.01978
         502721.98    3634925.90        1.46941                    502771.98
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3634925.90        1.57143
         502821.98    3634925.90        1.68473                       502871.98
3634925.90        1.81044
         502921.98    3634925.90        1.95114                       502971.98
3634925.90        2.10839

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503021.98    3634925.90        2.28486                       503071.98
3634925.90        2.48339
         503121.98    3634925.90        2.70672                       503171.98
3634925.90        2.95824
         503221.98    3634925.90        3.24003                       503271.98
3634925.90        3.55456
         503321.98    3634925.90        3.90330                       503371.98
3634925.90        4.28522
         503421.98    3634925.90        4.69562                       503471.98
3634925.90        5.12836
         503521.98    3634925.90        5.57223                       503571.98
3634925.90        6.00928
         503621.98    3634925.90        6.41462                       503671.98
3634925.90        6.75414
         503721.98    3634925.90        6.94807                       503771.98
3634925.90        7.14990

503821.98 3634925.90 7.32874 503871.98 3634925.90 7.38977
502721.98 3634975.90 1.42460 502771.98 3634975.90 1.51970
502821.98 3634975.90 1.62505 502871.98 3634975.90 1.74160
502921.98 3634975.90 1.87039 502971.98 3634975.90 2.01391
503021.98 3634975.90 2.17359 503071.98 3634975.90 2.35111
503121.98 3634975.90 2.54820 503171.98 3634975.90 2.76661
503221.98 3634975.90 3.00827 503271.98 3634975.90 3.27451
503321.98 3634975.90 3.56240 503371.98 3634975.90 3.86958
503421.98 3634975.90 4.18665 503471.98 3634975.90 4.51920
503521.98 3634975.90 4.84721 503571.98 3634975.90 5.16532
503621.98 3634975.90 5.45459 503671.98 3634975.90 5.69302
503721.98 3634975.90 5.80278 503771.98 3634975.90 6.06868
503821.98 3634975.90 6.21122 503871.98 3634975.90 5.98292
502721.98 3635025.90 1.37900 502771.98 3635025.90 1.46789
502821.98 3635025.90 1.56544 502871.98 3635025.90 1.67272
502921.98 3635025.90 1.79103 502971.98 3635025.90 1.92135
503021.98 3635025.90 2.06491 503071.98 3635025.90 2.22260
503121.98 3635025.90 2.39601 503171.98 3635025.90 2.58653
503221.98 3635025.90 2.79271 503271.98 3635025.90 3.01445
503321.98 3635025.90 3.25018 503371.98 3635025.90 3.49654
503421.98 3635025.90 3.74800 503471.98 3635025.90 4.00443
503521.98 3635025.90 4.25436 503571.98 3635025.90 4.48891
503621.98 3635025.90 4.69680 503671.98 3635025.90 4.84393
503721.98 3635025.90 5.00840 503771.98 3635025.90 5.18892
503821.98 3635025.90 5.28230 504371.98 3635025.90 2.94727

```
         502721.98    3635075.90        1.33326                       502771.98
3635075.90        1.41572
         502821.98    3635075.90        1.50589                       502871.98
3635075.90        1.60492
         502921.98    3635075.90        1.71278                       502971.98
3635075.90        1.83059
         503021.98    3635075.90        1.95965                       503071.98
3635075.90        2.09958
         503121.98    3635075.90        2.25162                       503171.98
3635075.90        2.41603
         503221.98    3635075.90        2.59109                       503271.98
3635075.90        2.77647
         503321.98    3635075.90        2.96994                       503371.98
3635075.90        3.16925
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 367
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503421.98    3635075.90        3.37119                       503471.98
3635075.90        3.57122
         503521.98    3635075.90        3.76332                       503571.98
3635075.90        3.94074
         503621.98    3635075.90        4.09582                       503671.98
3635075.90        4.18999
         503721.98    3635075.90        4.32344                       503771.98
```

3635075.90 4.49582
503821.98 3635075.90 4.47714 504371.98
3635075.90 2.72065
504421.98 3635075.90 2.54076 504471.98
3635075.90 2.37158
504521.98 3635075.90 2.21834 502721.98
3635125.90 1.28775
502771.98 3635125.90 1.36424 502821.98
3635125.90 1.44737
502871.98 3635125.90 1.53809 502921.98
3635125.90 1.63690
502971.98 3635125.90 1.74342 503021.98
3635125.90 1.85846
503071.98 3635125.90 1.98199 503121.98
3635125.90 2.11465
503171.98 3635125.90 2.25594 503221.98
3635125.90 2.40392
503271.98 3635125.90 2.55942 503321.98
3635125.90 2.71850
503371.98 3635125.90 2.88045 503421.98
3635125.90 3.04357
503471.98 3635125.90 3.20120 503521.98
3635125.90 3.35074
503571.98 3635125.90 3.46541 503621.98
3635125.90 3.58970
503671.98 3635125.90 3.65911 503721.98
3635125.90 3.83561
503771.98 3635125.90 3.94741 503821.98
3635125.90 3.92417
504371.98 3635125.90 2.51600 504421.98
3635125.90 2.36220
504471.98 3635125.90 2.21814 504521.98
3635125.90 2.08280
504571.98 3635125.90 1.95689 502721.98
3635175.90 1.24298
502771.98 3635175.90 1.31358 502821.98
3635175.90 1.39009
502871.98 3635175.90 1.47269 502921.98
3635175.90 1.56287
502971.98 3635175.90 1.65871 503021.98
3635175.90 1.76086
503071.98 3635175.90 1.86994 503121.98
3635175.90 1.98574
503171.98 3635175.90 2.10735 503221.98
3635175.90 2.23292
503271.98 3635175.90 2.36323 503321.98
3635175.90 2.49459
503371.98 3635175.90 2.62740 503421.98
3635175.90 2.76064
503471.98 3635175.90 2.88325 503521.98

3635175.90        3.00268
         503571.98    3635175.90        3.07898                      503621.98
3635175.90        3.16905
         503671.98    3635175.90        3.26473                      503721.98
3635175.90        3.41552
         503771.98    3635175.90        3.42680                      503821.98
3635175.90        3.25345
         504371.98    3635175.90        2.32914                      504421.98
3635175.90        2.19983
         504471.98    3635175.90        2.07573                      504521.98
3635175.90        1.95764
         504571.98    3635175.90        1.84388                      504621.98
3635175.90        1.74386
         502721.98    3635225.90        1.19907                      502771.98
3635225.90        1.26474
         502821.98    3635225.90        1.33513                      502871.98
3635225.90        1.41043
         502921.98    3635225.90        1.49098                      502971.98
3635225.90        1.57700
         503021.98    3635225.90        1.66814                      503071.98
3635225.90        1.76430
         503121.98    3635225.90        1.86514                      503171.98
3635225.90        1.96981

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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         503021.98    3635325.90        1.49242                        503071.98
3635325.90        1.56646
         503121.98    3635325.90        1.64243                        503171.98
3635325.90        1.72007
         503221.98    3635325.90        1.80284                        503271.98
3635325.90        1.88113
         503321.98    3635325.90        1.95885                        503371.98
3635325.90        2.03438
         503421.98    3635325.90        2.10767                        503471.98
3635325.90        2.17692
         503521.98    3635325.90        2.24168                        503571.98
3635325.90        2.29616
         503621.98    3635325.90        2.32288                        504371.98
3635325.90        1.88067
         504421.98    3635325.90        1.79535                        504471.98
3635325.90        1.71453
         504521.98    3635325.90        1.63295                        504571.98
3635325.90        1.55663
         504621.98    3635325.90        1.48587                        504671.98
3635325.90        1.41593
         504721.98    3635325.90        1.34767                        502721.98
3635375.90        1.07024
         502771.98    3635375.90        1.09764                        502821.98
3635375.90        1.14630
         502871.98    3635375.90        1.20042                        502921.98
3635375.90        1.26240
         502971.98    3635375.90        1.34923                        503021.98
3635375.90        1.39217
         503071.98    3635375.90        1.45016                        503121.98
3635375.90        1.54007
         503171.98    3635375.90        1.61133                        503221.98
3635375.90        1.68332
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 369
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 1.75007 | 503321.98 | 3635375.90 | 1.81567 |
| 503371.98 | 3635375.90 | 1.87948 | 503421.98 | 3635375.90 | 1.94102 |
| 503471.98 | 3635375.90 | 1.99899 | 503521.98 | 3635375.90 | 2.05229 |
| 503571.98 | 3635375.90 | 2.09765 | 503621.98 | 3635375.90 | 2.12802 |
| 503671.98 | 3635375.90 | 2.17764 | 503721.98 | 3635375.90 | 2.27759 |
| 504371.98 | 3635375.90 | 1.75114 | 504421.98 | 3635375.90 | 1.68011 |
| 504471.98 | 3635375.90 | 1.60833 | 504521.98 | 3635375.90 | 1.53959 |
| 504571.98 | 3635375.90 | 1.47163 | 504621.98 | 3635375.90 | 1.41146 |
| 504671.98 | 3635375.90 | 1.35109 | 504721.98 | 3635375.90 | 1.28772 |
| 502721.98 | 3635425.90 | 1.01602 | 502771.98 | 3635425.90 | 1.04914 |
| 502821.98 | 3635425.90 | 1.09427 | 502871.98 | 3635425.90 | 1.14365 |
| 502921.98 | 3635425.90 | 1.19692 | 502971.98 | 3635425.90 | 1.25398 |
| 503021.98 | 3635425.90 | 1.31080 | 503071.98 | 3635425.90 | 1.36919 |
| 503121.98 | 3635425.90 | 1.45201 | 503171.98 | 3635425.90 | 1.51184 |
| 503221.98 | 3635425.90 | 1.57101 | 503271.98 | 3635425.90 | 1.61895 |
| 503321.98 | 3635425.90 | 1.67770 | 503371.98 | 3635425.90 | 1.73494 |
| 503421.98 | 3635425.90 | 1.78790 | 503471.98 | 3635425.90 | 1.83516 |
| 503521.98 | 3635425.90 | 1.87574 | 503571.98 | 3635425.90 | 1.91232 |
| 503621.98 | 3635425.90 | 1.94559 | 503671.98 | 3635425.90 | 1.99355 |
| 503721.98 | 3635425.90 | 2.04590 | 503771.98 | | |

3635425.90        2.09665
         503821.98    3635425.90        2.14662                        504371.98
3635425.90        1.64648
         504421.98    3635425.90        1.58964                        504471.98
3635425.90        1.52520
         504521.98    3635425.90        1.45534                        504571.98
3635425.90        1.39626
         504621.98    3635425.90        1.34456                        504671.98
3635425.90        1.28895
         504721.98    3635425.90        1.23328                        502721.98
3635475.90        0.96882
         502771.98    3635475.90        1.00605                        502821.98
3635475.90        1.04925
         502871.98    3635475.90        1.09490                        502921.98
3635475.90        1.14526
         502971.98    3635475.90        1.19266                        503021.98
3635475.90        1.24349
         503071.98    3635475.90        1.29939                        503121.98
3635475.90        1.36928
         503171.98    3635475.90        1.42007                        503221.98
3635475.90        1.46572
         503271.98    3635475.90        1.50913                        503321.98
3635475.90        1.55675
         503371.98    3635475.90        1.60737                        503421.98
3635475.90        1.65285
         503471.98    3635475.90        1.69310                        503521.98
3635475.90        1.72932
         503571.98    3635475.90        1.76073                        503621.98
3635475.90        1.78960
         503671.98    3635475.90        1.81768                        503721.98
3635475.90        1.84595
         503771.98    3635475.90        1.90551                        503821.98
3635475.90        1.92932
         503871.98    3635475.90        1.94142                        503921.98
3635475.90        1.95861
         504371.98    3635475.90        1.51767                        504421.98
3635475.90        1.47559
         504471.98    3635475.90        1.43121                        504521.98
3635475.90        1.37298
         504571.98    3635475.90        1.32486                        504621.98
3635475.90        1.27941

VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939
, L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947
, L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955
, L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963
, L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 1.23163 | 504721.98 | 3635475.90 | 1.20051 |
| 502221.98 | 3632975.90 | 0.50462 | 502271.98 | 3632975.90 | 0.51871 |
| 502321.98 | 3632975.90 | 0.53327 | 502371.98 | 3632975.90 | 0.54831 |
| 502421.98 | 3632975.90 | 0.56377 | 502471.98 | 3632975.90 | 0.57963 |
| 502521.98 | 3632975.90 | 0.59577 | 502571.98 | 3632975.90 | 0.61240 |
| 502621.98 | 3632975.90 | 0.62935 | 502671.98 | 3632975.90 | 0.64649 |
| 502721.98 | 3632975.90 | 0.66378 | 502771.98 | 3632975.90 | 0.67371 |
| 502821.98 | 3632975.90 | 0.59069 | 502871.98 | 3632975.90 | 0.51485 |
| 502921.98 | 3632975.90 | 0.52412 | 502971.98 | 3632975.90 | 0.37799 |
| 503021.98 | 3632975.90 | 0.38250 | 503071.98 | 3632975.90 | 0.44815 |
| 503121.98 | 3632975.90 | 0.52468 | 503171.98 | 3632975.90 | 0.59116 |
| 503221.98 | 3632975.90 | 0.62614 | 503271.98 | 3632975.90 | 0.63611 |
| 503321.98 | 3632975.90 | 0.63594 | 503371.98 | 3632975.90 | 0.64204 |
| 503421.98 | 3632975.90 | 0.61852 | 503471.98 | 3632975.90 | 0.61093 |
| 503621.98 | 3632975.90 | 0.56616 | 503671.98 | 3632975.90 | 0.54594 |

503721.98 3632975.90 0.52544 503771.98
3632975.90 0.49702
503821.98 3632975.90 0.43287 503871.98
3632975.90 0.38513
503921.98 3632975.90 0.37240 503971.98
3632975.90 0.37243
504021.98 3632975.90 0.36936 504071.98
3632975.90 0.37342
504121.98 3632975.90 0.36923 504171.98
3632975.90 0.37149
504221.98 3632975.90 0.37200 504271.98
3632975.90 0.37284
504321.98 3632975.90 0.37240 504371.98
3632975.90 0.36845
504421.98 3632975.90 0.36685 504471.98
3632975.90 0.36651
504521.98 3632975.90 0.36721 504571.98
3632975.90 0.36735
504621.98 3632975.90 0.36752 504671.98
3632975.90 0.36890
504721.98 3632975.90 0.37123 504771.98
3632975.90 0.37338
504821.98 3632975.90 0.37399 504871.98
3632975.90 0.37475
504921.98 3632975.90 0.37578 504971.98
3632975.90 0.37650
505021.98 3632975.90 0.37665 505071.98
3632975.90 0.37725
505121.98 3632975.90 0.37894 505171.98
3632975.90 0.38187
505221.98 3632975.90 0.38495 502221.98
3633025.90 0.51754
502271.98 3633025.90 0.53305 502321.98
3633025.90 0.54840
502371.98 3633025.90 0.56444 502421.98
3633025.90 0.58097
502471.98 3633025.90 0.59782 502521.98
3633025.90 0.61525
502571.98 3633025.90 0.63311 502621.98
3633025.90 0.65133
502671.98 3633025.90 0.66984 502721.98
3633025.90 0.68862
502771.98 3633025.90 0.70755 502821.98
3633025.90 0.60621
502871.98 3633025.90 0.57393 502921.98
3633025.90 0.54448
502971.98 3633025.90 0.39418 503021.98
3633025.90 0.42343
503071.98 3633025.90 0.51604 503121.98
3633025.90 0.60473

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 0.64223 | 503221.98 | 3633025.90 | 0.68336 |
| 503271.98 | 3633025.90 | 0.68427 | 503321.98 | 3633025.90 | 0.69222 |
| 503371.98 | 3633025.90 | 0.67974 | 503421.98 | 3633025.90 | 0.63185 |
| 503471.98 | 3633025.90 | 0.64247 | 503621.98 | 3633025.90 | 0.58563 |
| 503671.98 | 3633025.90 | 0.57270 | 503721.98 | 3633025.90 | 0.56241 |
| 503771.98 | 3633025.90 | 0.49251 | 503821.98 | 3633025.90 | 0.43003 |
| 503871.98 | 3633025.90 | 0.39478 | 503921.98 | 3633025.90 | 0.38579 |
| 503971.98 | 3633025.90 | 0.38555 | 504021.98 | 3633025.90 | 0.38627 |
| 504071.98 | 3633025.90 | 0.38691 | 504121.98 | 3633025.90 | 0.38812 |
| 504171.98 | 3633025.90 | 0.38996 | 504221.98 | 3633025.90 | 0.39196 |
| 504271.98 | 3633025.90 | 0.39234 | 504321.98 | | |

3633025.90 0.39168
504371.98 3633025.90 0.38824 504421.98
3633025.90 0.38680
504471.98 3633025.90 0.38667 504521.98
3633025.90 0.38594
504571.98 3633025.90 0.38600 504621.98
3633025.90 0.38722
504671.98 3633025.90 0.38952 504721.98
3633025.90 0.39219
504771.98 3633025.90 0.39463 504821.98
3633025.90 0.39584
504871.98 3633025.90 0.39768 504921.98
3633025.90 0.39908
504971.98 3633025.90 0.39945 505021.98
3633025.90 0.39900
505071.98 3633025.90 0.39947 505121.98
3633025.90 0.40112
505171.98 3633025.90 0.40413 505221.98
3633025.90 0.40907
502221.98 3633075.90 0.53143 502271.98
3633075.90 0.54775
502321.98 3633075.90 0.56417 502371.98
3633075.90 0.58117
502421.98 3633075.90 0.59875 502471.98
3633075.90 0.61668
502521.98 3633075.90 0.63537 502571.98
3633075.90 0.65465
502621.98 3633075.90 0.67431 502671.98
3633075.90 0.69439
502721.98 3633075.90 0.71470 502771.98
3633075.90 0.73542
502821.98 3633075.90 0.66647 502871.98
3633075.90 0.63917
502921.98 3633075.90 0.61090 502971.98
3633075.90 0.54855
503021.98 3633075.90 0.58365 503071.98
3633075.90 0.60899
503121.98 3633075.90 0.66159 503171.98
3633075.90 0.69872
503221.98 3633075.90 0.75194 503271.98
3633075.90 0.73618
503321.98 3633075.90 0.72846 503371.98
3633075.90 0.71173
503421.98 3633075.90 0.66784 503471.98
3633075.90 0.67904
503621.98 3633075.90 0.60874 503671.98
3633075.90 0.58684
503721.98 3633075.90 0.57309 503771.98
3633075.90 0.50044
503821.98 3633075.90 0.43603 503871.98

3633075.90        0.40434
         503921.98    3633075.90        0.40402                        503971.98
3633075.90        0.40900
         504021.98    3633075.90        0.40771                        504071.98
3633075.90        0.40904
         504121.98    3633075.90        0.41080                        504171.98
3633075.90        0.41266
         504221.98    3633075.90        0.41418                        504271.98
3633075.90        0.41447

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504321.98    3633075.90        0.41482                        504371.98
3633075.90        0.41079
         504421.98    3633075.90        0.41022                        504471.98
3633075.90        0.40865
         504521.98    3633075.90        0.40776                        504571.98
3633075.90        0.40845
         504621.98    3633075.90        0.41034                        504671.98
3633075.90        0.41315
         504721.98    3633075.90        0.41586                        504771.98
3633075.90        0.41845
         504821.98    3633075.90        0.42038                        504871.98
3633075.90        0.42295

504921.98 3633075.90 0.42619 504971.98 3633075.90 0.42531
505021.98 3633075.90 0.42415 505071.98 3633075.90 0.42384
505121.98 3633075.90 0.42471 505171.98 3633075.90 0.42769
505221.98 3633075.90 0.43222 502221.98 3633125.90 0.54589
502271.98 3633125.90 0.56283 502321.98 3633125.90 0.58028
502371.98 3633125.90 0.59834 502421.98 3633125.90 0.61711
502471.98 3633125.90 0.63637 502521.98 3633125.90 0.65637
502571.98 3633125.90 0.67700 502621.98 3633125.90 0.69823
502671.98 3633125.90 0.71996 502721.98 3633125.90 0.74213
502771.98 3633125.90 0.76450 502821.98 3633125.90 0.78375
502871.98 3633125.90 0.70373 502921.98 3633125.90 0.69583
502971.98 3633125.90 0.66082 503021.98 3633125.90 0.65164
503071.98 3633125.90 0.68766 503121.98 3633125.90 0.72494
503171.98 3633125.90 0.77059 503221.98 3633125.90 0.80300
503271.98 3633125.90 0.79845 503321.98 3633125.90 0.80276
503371.98 3633125.90 0.76107 503421.98 3633125.90 0.70484
503471.98 3633125.90 0.71702 503621.98 3633125.90 0.62950
503671.98 3633125.90 0.59528 503721.98 3633125.90 0.58074
503771.98 3633125.90 0.49429 503821.98 3633125.90 0.44519
503871.98 3633125.90 0.42476 503921.98 3633125.90 0.42751
503971.98 3633125.90 0.43337 504021.98 3633125.90 0.42964
504071.98 3633125.90 0.43386 504121.98 3633125.90 0.43769
504171.98 3633125.90 0.43977 504221.98 3633125.90 0.44062
504271.98 3633125.90 0.44115 504321.98 3633125.90 0.43995
504371.98 3633125.90 0.43808 504421.98 3633125.90 0.43721

```
         504471.98    3633125.90        0.43435                       504521.98
3633125.90        0.43331
         504571.98    3633125.90        0.43443                       504621.98
3633125.90        0.43716
         504671.98    3633125.90        0.44031                       504721.98
3633125.90        0.44280
         504771.98    3633125.90        0.44506                       504821.98
3633125.90        0.44729
         504871.98    3633125.90        0.45131                       504921.98
3633125.90        0.45832
         504971.98    3633125.90        0.45609                       505021.98
3633125.90        0.45208
         505071.98    3633125.90        0.44941                       505121.98
3633125.90        0.44977
         505171.98    3633125.90        0.45241                       505221.98
3633125.90        0.45794
         502221.98    3633175.90        0.56034                       502271.98
3633175.90        0.57812
```

```
                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3633175.90        0.59665                       502371.98
3633175.90        0.61620
         502421.98    3633175.90        0.63629                       502471.98
```

3633175.90 0.65686
502521.98 3633175.90 0.67829 502571.98
3633175.90 0.70045
502621.98 3633175.90 0.72325 502671.98
3633175.90 0.74658
502721.98 3633175.90 0.77024 502771.98
3633175.90 0.76987
502821.98 3633175.90 0.72105 502871.98
3633175.90 0.80463
502921.98 3633175.90 0.76153 502971.98
3633175.90 0.77647
503021.98 3633175.90 0.76803 503071.98
3633175.90 0.79766
503121.98 3633175.90 0.80297 503171.98
3633175.90 0.85208
503221.98 3633175.90 0.84126 503271.98
3633175.90 0.83440
503321.98 3633175.90 0.84469 503371.98
3633175.90 0.79828
503421.98 3633175.90 0.75449 503471.98
3633175.90 0.74999
503621.98 3633175.90 0.62651 503671.98
3633175.90 0.61924
503721.98 3633175.90 0.56890 503771.98
3633175.90 0.49347
503821.98 3633175.90 0.45746 503871.98
3633175.90 0.44652
503921.98 3633175.90 0.45473 503971.98
3633175.90 0.46089
504021.98 3633175.90 0.45726 504071.98
3633175.90 0.46270
504121.98 3633175.90 0.46851 504171.98
3633175.90 0.47381
504221.98 3633175.90 0.47291 504271.98
3633175.90 0.47155
504321.98 3633175.90 0.47004 504371.98
3633175.90 0.47290
504421.98 3633175.90 0.46790 504471.98
3633175.90 0.46337
504521.98 3633175.90 0.46231 504571.98
3633175.90 0.46409
504621.98 3633175.90 0.46768 504671.98
3633175.90 0.47136
504721.98 3633175.90 0.47370 504771.98
3633175.90 0.47578
504821.98 3633175.90 0.47802 504871.98
3633175.90 0.48346
504921.98 3633175.90 0.49387 504971.98
3633175.90 0.48695
505021.98 3633175.90 0.48028 505071.98

```
3633175.90        0.47742
         505121.98    3633175.90        0.47730                        505171.98
3633175.90        0.47906
         505221.98    3633175.90        0.48259                        502221.98
3633225.90        0.57519
         502271.98    3633225.90        0.59419                        502321.98
3633225.90        0.61380
         502371.98    3633225.90        0.63461                        502421.98
3633225.90        0.65594
         502471.98    3633225.90        0.67783                        502521.98
3633225.90        0.70088
         502571.98    3633225.90        0.72468                        502621.98
3633225.90        0.74928
         502671.98    3633225.90        0.77454                        502721.98
3633225.90        0.79894
         502771.98    3633225.90        0.81928                        502821.98
3633225.90        0.80888
         502871.98    3633225.90        0.80528                        502921.98
3633225.90        0.84351
         502971.98    3633225.90        0.87516                        503021.98
3633225.90        0.85395
         503071.98    3633225.90        0.88036                        503121.98
3633225.90        0.91435
         503171.98    3633225.90        0.91639                        503221.98
3633225.90        0.90403
         503271.98    3633225.90        0.89628                        503321.98
3633225.90        0.87626
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 0.82008 | 503421.98 | 3633225.90 | 0.80160 |
| 503471.98 | 3633225.90 | 0.77497 | 503621.98 | 3633225.90 | 0.66386 |
| 503671.98 | 3633225.90 | 0.63583 | 503721.98 | 3633225.90 | 0.57233 |
| 503771.98 | 3633225.90 | 0.51669 | 503821.98 | 3633225.90 | 0.47773 |
| 503871.98 | 3633225.90 | 0.47694 | 503921.98 | 3633225.90 | 0.48344 |
| 503971.98 | 3633225.90 | 0.49184 | 504021.98 | 3633225.90 | 0.49511 |
| 504071.98 | 3633225.90 | 0.50156 | 504121.98 | 3633225.90 | 0.50908 |
| 504171.98 | 3633225.90 | 0.51291 | 504221.98 | 3633225.90 | 0.50408 |
| 504271.98 | 3633225.90 | 0.50304 | 504321.98 | 3633225.90 | 0.50825 |
| 504371.98 | 3633225.90 | 0.51181 | 504421.98 | 3633225.90 | 0.50274 |
| 504471.98 | 3633225.90 | 0.49748 | 504521.98 | 3633225.90 | 0.49627 |
| 504571.98 | 3633225.90 | 0.49852 | 504621.98 | 3633225.90 | 0.50256 |
| 504671.98 | 3633225.90 | 0.50772 | 504721.98 | 3633225.90 | 0.51078 |
| 504771.98 | 3633225.90 | 0.51184 | 504821.98 | 3633225.90 | 0.51727 |
| 504871.98 | 3633225.90 | 0.52178 | 504921.98 | 3633225.90 | 0.53104 |
| 504971.98 | 3633225.90 | 0.52231 | 505021.98 | 3633225.90 | 0.51379 |
| 505071.98 | 3633225.90 | 0.51076 | 505121.98 | 3633225.90 | 0.50854 |
| 505171.98 | 3633225.90 | 0.50544 | 505221.98 | 3633225.90 | 0.50624 |
| 502221.98 | 3633275.90 | 0.59020 | 502271.98 | 3633275.90 | 0.61030 |
| 502321.98 | 3633275.90 | 0.63145 | 502371.98 | 3633275.90 | 0.65339 |
| 502421.98 | 3633275.90 | 0.67606 | 502471.98 | 3633275.90 | 0.69970 |
| 502521.98 | 3633275.90 | 0.72432 | 502571.98 | 3633275.90 | 0.74988 |

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         502621.98    3633275.90        0.77636                       502671.98
3633275.90        0.80371
         502721.98    3633275.90        0.83195                       502771.98
3633275.90        0.85272
         502821.98    3633275.90        0.74118                       502871.98
3633275.90        0.83729
         502921.98    3633275.90        0.92355                       502971.98
3633275.90        0.95480
         503021.98    3633275.90        0.92403                       503071.98
3633275.90        0.99118
         503121.98    3633275.90        1.05235                       503171.98
3633275.90        1.04424
         503221.98    3633275.90        0.99062                       503271.98
3633275.90        0.92617
         503321.98    3633275.90        0.92637                       503371.98
3633275.90        0.87660
         503421.98    3633275.90        0.84187                       503471.98
3633275.90        0.64690
         503621.98    3633275.90        0.66590                       503671.98
3633275.90        0.64240
         503721.98    3633275.90        0.57618                       503771.98
3633275.90        0.52942
         503821.98    3633275.90        0.50184                       503871.98
3633275.90        0.50848
         503921.98    3633275.90        0.52231                       503971.98
3633275.90        0.54520
         504021.98    3633275.90        0.54890                       504071.98
3633275.90        0.54882
         504121.98    3633275.90        0.55994                       504171.98
3633275.90        0.55269
         504221.98    3633275.90        0.54284                       504271.98
3633275.90        0.54249
         504321.98    3633275.90        0.55343                       504371.98
3633275.90        0.56299
         504421.98    3633275.90        0.54869                       504471.98
3633275.90        0.53905
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 375
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
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                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504521.98    3633275.90        0.53625                       504571.98
3633275.90        0.53856
         504621.98    3633275.90        0.54388                       504671.98
3633275.90        0.55121
         504721.98    3633275.90        0.55277                       504771.98
3633275.90        0.54886
         504821.98    3633275.90        0.55577                       504871.98
3633275.90        0.56503
         504921.98    3633275.90        0.57396                       504971.98
3633275.90        0.56435
         505021.98    3633275.90        0.55477                       505071.98
3633275.90        0.55144
         505121.98    3633275.90        0.54526                       505171.98
3633275.90        0.53505
         505221.98    3633275.90        0.53269                       502221.98
3633325.90        0.60555
         502271.98    3633325.90        0.62693                       502321.98
3633325.90        0.64928
         502371.98    3633325.90        0.67253                       502421.98
3633325.90        0.69678
         502471.98    3633325.90        0.72194                       502521.98
3633325.90        0.74844
         502571.98    3633325.90        0.77597                       502621.98
3633325.90        0.80456
         502671.98    3633325.90        0.83417                       502721.98
3633325.90        0.86485
         502771.98    3633325.90        0.88212                       502821.98
3633325.90        0.87977
         502871.98    3633325.90        0.96175                       502921.98
3633325.90        0.98871
         502971.98    3633325.90        1.01796                       503021.98
3633325.90        1.04078
         503071.98    3633325.90        1.08962                       503121.98
3633325.90        1.13034
         503171.98    3633325.90        1.16375                       503221.98
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3633325.90        1.17557
         503271.98    3633325.90        0.97329                        503321.98
3633325.90        0.96998
         503371.98    3633325.90        0.91583                        503421.98
3633325.90        0.76958
         503471.98    3633325.90        0.61390                        503621.98
3633325.90        0.66839
         503671.98    3633325.90        0.64449                        503721.98
3633325.90        0.57544
         503771.98    3633325.90        0.55623                        503821.98
3633325.90        0.54139
         503871.98    3633325.90        0.54712                        503921.98
3633325.90        0.57928
         503971.98    3633325.90        0.61896                        504021.98
3633325.90        0.61574
         504071.98    3633325.90        0.60683                        504121.98
3633325.90        0.62464
         504171.98    3633325.90        0.60008                        504221.98
3633325.90        0.58614
         504271.98    3633325.90        0.59263                        504321.98
3633325.90        0.61584
         504371.98    3633325.90        0.62593                        504421.98
3633325.90        0.60367
         504471.98    3633325.90        0.58859                        504521.98
3633325.90        0.58282
         504571.98    3633325.90        0.58593                        504621.98
3633325.90        0.59299
         504671.98    3633325.90        0.60331                        504721.98
3633325.90        0.60167
         504771.98    3633325.90        0.59437                        504821.98
3633325.90        0.59765
         504871.98    3633325.90        0.61455                        504921.98
3633325.90        0.62379
         504971.98    3633325.90        0.61330                        505021.98
3633325.90        0.60457
         505071.98    3633325.90        0.59989                        505121.98
3633325.90        0.58106
         505171.98    3633325.90        0.56700                        505221.98
3633325.90        0.56427
         502221.98    3633375.90        0.62128                        502271.98
3633375.90        0.64379
         502321.98    3633375.90        0.66735                        502371.98
3633375.90        0.69202
         502421.98    3633375.90        0.71790                        502471.98
3633375.90        0.74495
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 0.77333 | 502571.98 | 3633375.90 | 0.80296 |
| 502621.98 | 3633375.90 | 0.83384 | 502671.98 | 3633375.90 | 0.86593 |
| 502721.98 | 3633375.90 | 0.89927 | 502771.98 | 3633375.90 | 0.93392 |
| 502821.98 | 3633375.90 | 0.96988 | 502871.98 | 3633375.90 | 1.00723 |
| 502921.98 | 3633375.90 | 1.04555 | 502971.98 | 3633375.90 | 1.08488 |
| 503021.98 | 3633375.90 | 1.11465 | 503071.98 | 3633375.90 | 1.16595 |
| 503121.98 | 3633375.90 | 1.20717 | 503171.98 | 3633375.90 | 1.24822 |
| 503221.98 | 3633375.90 | 1.27007 | 503271.98 | 3633375.90 | 1.28879 |
| 503321.98 | 3633375.90 | 1.14941 | 503371.98 | 3633375.90 | 0.98213 |
| 503421.98 | 3633375.90 | 0.73773 | 503471.98 | 3633375.90 | 0.72852 |
| 503621.98 | 3633375.90 | 0.73459 | 503671.98 | 3633375.90 | 0.69038 |
| 503721.98 | 3633375.90 | 0.62933 | 503771.98 | 3633375.90 | 0.61594 |
| 503821.98 | 3633375.90 | 0.62472 | 503871.98 | 3633375.90 | 0.61619 |

503921.98 3633375.90 0.65701 503971.98
3633375.90 0.70858
504021.98 3633375.90 0.69161 504071.98
3633375.90 0.67566
504121.98 3633375.90 0.69896 504171.98
3633375.90 0.65283
504221.98 3633375.90 0.64672 504271.98
3633375.90 0.66712
504321.98 3633375.90 0.69738 504371.98
3633375.90 0.70495
504421.98 3633375.90 0.66762 504471.98
3633375.90 0.64389
504521.98 3633375.90 0.63511 504571.98
3633375.90 0.64169
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3633375.90 0.66744
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3633375.90 0.64628
504821.98 3633375.90 0.65134 504871.98
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504921.98 3633375.90 0.67970 504971.98
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3633375.90 0.63828
505121.98 3633375.90 0.61506 505171.98
3633375.90 0.60066
505221.98 3633375.90 0.59963 502221.98
3633425.90 0.63674
502271.98 3633425.90 0.66041 502321.98
3633425.90 0.68523
502371.98 3633425.90 0.71147 502421.98
3633425.90 0.73921
502471.98 3633425.90 0.76875 502521.98
3633425.90 0.79906
502571.98 3633425.90 0.83084 502621.98
3633425.90 0.86416
502671.98 3633425.90 0.89899 502721.98
3633425.90 0.93539
502771.98 3633425.90 0.97330 502821.98
3633425.90 1.01281
502871.98 3633425.90 1.05382 502921.98
3633425.90 1.09608
502971.98 3633425.90 1.13982 503021.98
3633425.90 1.18486
503071.98 3633425.90 1.23060 503121.98
3633425.90 1.27740
503171.98 3633425.90 1.32379 503221.98
3633425.90 1.36787
503271.98 3633425.90 1.39480 503321.98
3633425.90 1.22798

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         503671.98    3633425.90        0.79662                      503721.98
3633425.90        0.71186
         503771.98    3633425.90        0.68996                      503821.98
3633425.90        0.70184
         503871.98    3633425.90        0.71391                      503921.98
3633425.90        0.77500
         503971.98    3633425.90        0.79956                      504021.98
3633425.90        0.77539
         504071.98    3633425.90        0.76105                      504121.98
3633425.90        0.78773
         504171.98    3633425.90        0.73993                      504221.98
3633425.90        0.74825
         504271.98    3633425.90        0.78321                      504321.98
3633425.90        0.82083
         504371.98    3633425.90        0.78257                      504421.98
3633425.90        0.73849
         504471.98    3633425.90        0.71047                      504521.98

3633425.90 0.69692
504571.98 3633425.90 0.70743 504621.98
3633425.90 0.72681
504671.98 3633425.90 0.73778 504721.98
3633425.90 0.73450
504771.98 3633425.90 0.71929 504821.98
3633425.90 0.71280
504871.98 3633425.90 0.74410 504921.98
3633425.90 0.73645
504971.98 3633425.90 0.72100 505021.98
3633425.90 0.68853
505071.98 3633425.90 0.66528 505121.98
3633425.90 0.64791
505171.98 3633425.90 0.63641 505221.98
3633425.90 0.63775
502221.98 3633475.90 0.65240 502271.98
3633475.90 0.67736
502321.98 3633475.90 0.70374 502371.98
3633475.90 0.73167
502421.98 3633475.90 0.76125 502471.98
3633475.90 0.79294
502521.98 3633475.90 0.82518 502571.98
3633475.90 0.85935
502621.98 3633475.90 0.89542 502671.98
3633475.90 0.93313
504771.98 3633475.90 0.82397 504821.98
3633475.90 0.82152
504871.98 3633475.90 0.81379 504921.98
3633475.90 0.80508
504971.98 3633475.90 0.77214 505021.98
3633475.90 0.72868
505071.98 3633475.90 0.70375 505121.98
3633475.90 0.68589
505171.98 3633475.90 0.67174 505221.98
3633475.90 0.66974
502221.98 3633525.90 0.66844 502271.98
3633525.90 0.69478
502321.98 3633525.90 0.72260 502371.98
3633525.90 0.75256
502421.98 3633525.90 0.78420 502471.98
3633525.90 0.81756
502521.98 3633525.90 0.85191 502571.98
3633525.90 0.88794
502621.98 3633525.90 0.92699 502671.98
3633525.90 0.96795
504771.98 3633525.90 0.89194 504821.98
3633525.90 0.87891
504871.98 3633525.90 0.86875 504921.98
3633525.90 0.85818
504971.98 3633525.90 0.84328 505021.98

```
3633525.90        0.79911
         505071.98    3633525.90        0.75516                       505121.98
3633525.90        0.72441
         505171.98    3633525.90        0.70789                       505221.98
3633525.90        0.70009
         502221.98    3633575.90        0.68501                       502271.98
3633575.90        0.71203
         502321.98    3633575.90        0.74142                       502371.98
3633575.90        0.77329
         502421.98    3633575.90        0.80671                       502471.98
3633575.90        0.84173
         502521.98    3633575.90        0.87867                       502571.98
3633575.90        0.91790
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633575.90        0.95971                       502671.98
3633575.90        1.00396
         504771.98    3633575.90        0.95728                       504821.98
3633575.90        0.94556
         504871.98    3633575.90        0.93329                       504921.98
3633575.90        0.90951
         504971.98    3633575.90        0.89889                       505021.98
3633575.90        0.86902
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505071.98 3633575.90 0.81583 505121.98 3633575.90 0.77018
505171.98 3633575.90 0.74686 505221.98 3633575.90 0.73878
502221.98 3633625.90 0.70090 502271.98 3633625.90 0.72903
502321.98 3633625.90 0.76056 502371.98 3633625.90 0.79398
502421.98 3633625.90 0.82967 502471.98 3633625.90 0.86657
502521.98 3633625.90 0.90690 502571.98 3633625.90 0.94918
502621.98 3633625.90 0.99418 502671.98 3633625.90 1.04172
504771.98 3633625.90 1.02787 504821.98 3633625.90 1.03580
504871.98 3633625.90 1.00118 504921.98 3633625.90 0.97456
504971.98 3633625.90 0.96003 505021.98 3633625.90 0.93008
505071.98 3633625.90 0.86770 505121.98 3633625.90 0.81745
505171.98 3633625.90 0.78350 505221.98 3633625.90 0.77175
502221.98 3633675.90 0.71629 502271.98 3633675.90 0.74586
502321.98 3633675.90 0.77909 502371.98 3633675.90 0.81406
502421.98 3633675.90 0.85224 502471.98 3633675.90 0.89212
502521.98 3633675.90 0.93493 502571.98 3633675.90 0.98025
502621.98 3633675.90 1.02852 502671.98 3633675.90 1.07988
504771.98 3633675.90 1.12990 504821.98 3633675.90 1.11409
504871.98 3633675.90 1.09009 504921.98 3633675.90 1.06230
504971.98 3633675.90 1.02949 505021.98 3633675.90 0.98609
505071.98 3633675.90 0.91164 505121.98 3633675.90 0.84635
505171.98 3633675.90 0.80910 505221.98 3633675.90 0.79272
502221.98 3633725.90 0.73124 502271.98 3633725.90 0.76246
502321.98 3633725.90 0.79775 502371.98 3633725.90 0.83497
502421.98 3633725.90 0.87483 502471.98 3633725.90 0.91738

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         502521.98    3633725.90        0.96290                      502571.98
3633725.90        1.01151
         502621.98    3633725.90        1.06347                      502671.98
3633725.90        1.11883
         504771.98    3633725.90        1.27634                      504821.98
3633725.90        1.21356
         504871.98    3633725.90        1.18328                      504921.98
3633725.90        1.13570
         504971.98    3633725.90        1.08284                      505021.98
3633725.90        1.01698
         505071.98    3633725.90        0.92974                      505121.98
3633725.90        0.86338
         505171.98    3633725.90        0.83300                      505221.98
3633725.90        0.81026
         502221.98    3633775.90        0.74616                      502271.98
3633775.90        0.77893
         502321.98    3633775.90        0.81678                      502371.98
3633775.90        0.85571
         502421.98    3633775.90        0.89794                      502471.98
3633775.90        0.94234
         502521.98    3633775.90        0.99084                      502571.98
3633775.90        1.04284
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | |
|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 1.09833 | 502671.98 | 3633775.90 | 1.15802 |
| 504771.98 | 3633775.90 | 1.43074 | 504821.98 | 3633775.90 | 1.35955 |
| 504871.98 | 3633775.90 | 1.27119 | 504921.98 | 3633775.90 | 1.17571 |
| 504971.98 | 3633775.90 | 1.11230 | 505021.98 | 3633775.90 | 1.03158 |
| 505071.98 | 3633775.90 | 0.95394 | 505121.98 | 3633775.90 | 0.88827 |
| 505171.98 | 3633775.90 | 0.85189 | 505221.98 | 3633775.90 | 0.82806 |
| 502221.98 | 3633825.90 | 0.76155 | 502271.98 | 3633825.90 | 0.79568 |
| 502321.98 | 3633825.90 | 0.83460 | 502371.98 | 3633825.90 | 0.87590 |
| 502421.98 | 3633825.90 | 0.91997 | 502471.98 | 3633825.90 | 0.96718 |
| 502521.98 | 3633825.90 | 1.01847 | 502571.98 | 3633825.90 | 1.07394 |
| 502621.98 | 3633825.90 | 1.13373 | 502671.98 | 3633825.90 | 1.19780 |
| 504771.98 | 3633825.90 | 1.56164 | 504821.98 | 3633825.90 | 1.44728 |
| 504871.98 | 3633825.90 | 1.27586 | 504921.98 | 3633825.90 | 1.17258 |
| 504971.98 | 3633825.90 | 1.10453 | 505021.98 | 3633825.90 | 1.04583 |
| 505071.98 | 3633825.90 | 0.97450 | 505121.98 | 3633825.90 | 0.90552 |
| 505171.98 | 3633825.90 | 0.86973 | 505221.98 | 3633825.90 | 0.84405 |
| 502221.98 | 3633875.90 | 0.77549 | 502271.98 | 3633875.90 | 0.81158 |
| 502321.98 | 3633875.90 | 0.85262 | 502371.98 | 3633875.90 | 0.89503 |
| 502421.98 | 3633875.90 | 0.94163 | 502471.98 | 3633875.90 | 0.99102 |
| 502521.98 | 3633875.90 | 1.04569 | 502571.98 | 3633875.90 | 1.10486 |
| 502621.98 | 3633875.90 | 1.16861 | 502671.98 | 3633875.90 | 1.23724 |
| 504771.98 | 3633875.90 | 1.64526 | 504821.98 | 3633875.90 | 1.45762 |
| 504871.98 | 3633875.90 | 1.28843 | 504921.98 | 3633875.90 | 1.19087 |
| 504971.98 | 3633875.90 | 1.11208 | 505021.98 | 3633875.90 | 1.04208 |
| 505071.98 | 3633875.90 | 0.98977 | 505121.98 | | |

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3633875.90        0.92674
         505171.98    3633875.90        0.88777                          505221.98
3633875.90        0.85484
         502221.98    3633925.90        0.78923                          502271.98
3633925.90        0.82741
         502321.98    3633925.90        0.86952                          502371.98
3633925.90        0.91358
         502421.98    3633925.90        0.96310                          502471.98
3633925.90        1.01522
         502521.98    3633925.90        1.07257                          502571.98
3633925.90        1.13489
         502621.98    3633925.90        1.20268                          502671.98
3633925.90        1.27600
         504771.98    3633925.90        1.67170                          504821.98
3633925.90        1.48549
         504871.98    3633925.90        1.34740                          504921.98
3633925.90        1.21578
         504971.98    3633925.90        1.11556                          505021.98
3633925.90        1.05002
         505071.98    3633925.90        0.99161                          505121.98
3633925.90        0.93924
         505171.98    3633925.90        0.89994                          505221.98
3633925.90        0.86264
         502221.98    3633975.90        0.80276                          502271.98
3633975.90        0.84133
         502321.98    3633975.90        0.88492                          502371.98
3633975.90        0.93242
         502421.98    3633975.90        0.98353                          502471.98
3633975.90        1.03857
         502521.98    3633975.90        1.09891                          502571.98
3633975.90        1.16426
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 1.23607 | 502671.98 | 3633975.90 | 1.31390 |
| 504771.98 | 3633975.90 | 1.65818 | 504821.98 | 3633975.90 | 1.51856 |
| 504871.98 | 3633975.90 | 1.39951 | 504921.98 | 3633975.90 | 1.26044 |
| 504971.98 | 3633975.90 | 1.12513 | 505021.98 | 3633975.90 | 1.04247 |
| 505071.98 | 3633975.90 | 0.97893 | 505121.98 | 3633975.90 | 0.94310 |
| 505171.98 | 3633975.90 | 0.90468 | 505221.98 | 3633975.90 | 0.86426 |
| 502221.98 | 3634025.90 | 0.81547 | 502271.98 | 3634025.90 | 0.85518 |
| 502321.98 | 3634025.90 | 0.90014 | 502371.98 | 3634025.90 | 0.94951 |
| 502421.98 | 3634025.90 | 1.00256 | 502471.98 | 3634025.90 | 1.06023 |
| 502521.98 | 3634025.90 | 1.12324 | 502571.98 | 3634025.90 | 1.19226 |
| 502621.98 | 3634025.90 | 1.26824 | 502671.98 | 3634025.90 | 1.35116 |
| 504771.98 | 3634025.90 | 1.64419 | 504821.98 | 3634025.90 | 1.54207 |
| 504871.98 | 3634025.90 | 1.38110 | 504921.98 | 3634025.90 | 1.23820 |
| 504971.98 | 3634025.90 | 1.10463 | 505021.98 | 3634025.90 | 1.02490 |
| 505071.98 | 3634025.90 | 0.96547 | 505121.98 | 3634025.90 | 0.93543 |
| 505171.98 | 3634025.90 | 0.90305 | 505221.98 | 3634025.90 | 0.85961 |
| 502221.98 | 3634075.90 | 0.82614 | 502271.98 | 3634075.90 | 0.86798 |
| 502321.98 | 3634075.90 | 0.91427 | 502371.98 | 3634075.90 | 0.96452 |
| 502421.98 | 3634075.90 | 1.01904 | 502471.98 | 3634075.90 | 1.07918 |
| 502521.98 | 3634075.90 | 1.14556 | 502571.98 | 3634075.90 | 1.21903 |

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         502621.98    3634075.90        1.29859                        502671.98
3634075.90        1.38704
         504771.98    3634075.90        1.64513                        504821.98
3634075.90        1.50449
         504871.98    3634075.90        1.32348                        504921.98
3634075.90        1.19448
         504971.98    3634075.90        1.08453                        505021.98
3634075.90        1.00637
         505071.98    3634075.90        0.95166                        505121.98
3634075.90        0.91885
         505171.98    3634075.90        0.89157                        505221.98
3634075.90        0.85060
         502221.98    3634125.90        0.83526                        502271.98
3634125.90        0.88003
         502321.98    3634125.90        0.92736                        502371.98
3634125.90        0.97993
         502421.98    3634125.90        1.03647                        502471.98
3634125.90        1.09842
         502521.98    3634125.90        1.16638                        502571.98
3634125.90        1.24142
         502621.98    3634125.90        1.32677                        502671.98
3634125.90        1.42056
         504771.98    3634125.90        1.53640                        504821.98
3634125.90        1.40936
         504871.98    3634125.90        1.28180                        504921.98
3634125.90        1.14476
         504971.98    3634125.90        1.06253                        505021.98
3634125.90        0.98701
         505071.98    3634125.90        0.93872                        505121.98
3634125.90        0.90888
         505171.98    3634125.90        0.87587                        505221.98
3634125.90        0.83651
         502221.98    3634175.90        0.84217                        502271.98
3634175.90        0.88780
         502321.98    3634175.90        0.93628                        502371.98
3634175.90        0.99472
         502421.98    3634175.90        1.05310                        502471.98
3634175.90        1.11703
         502521.98    3634175.90        1.18687                        502571.98
3634175.90        1.26462
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
```

INCLUDING SOURCE(S): L0000938 , L0000939
, L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947
, L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955
, L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963
, L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 1.35082 | 502671.98 | 3634175.90 | 1.44813 |
| 504771.98 | 3634175.90 | 1.43494 | 504821.98 | 3634175.90 | 1.31102 |
| 504871.98 | 3634175.90 | 1.20540 | 504921.98 | 3634175.90 | 1.11579 |
| 504971.98 | 3634175.90 | 1.03511 | 505021.98 | 3634175.90 | 0.97158 |
| 505071.98 | 3634175.90 | 0.90690 | 505121.98 | 3634175.90 | 0.88518 |
| 505171.98 | 3634175.90 | 0.85260 | 505221.98 | 3634175.90 | 0.82521 |
| 502221.98 | 3634225.90 | 0.85079 | 502271.98 | 3634225.90 | 0.89625 |
| 502321.98 | 3634225.90 | 0.94907 | 502371.98 | 3634225.90 | 1.00699 |
| 502421.98 | 3634225.90 | 1.06761 | 502471.98 | 3634225.90 | 1.13357 |
| 502521.98 | 3634225.90 | 1.20539 | 502571.98 | 3634225.90 | 1.28600 |
| 502621.98 | 3634225.90 | 1.37497 | 502671.98 | 3634225.90 | 1.47496 |
| 504771.98 | 3634225.90 | 1.36048 | 504821.98 | 3634225.90 | 1.24160 |
| 504871.98 | 3634225.90 | 1.15862 | 504921.98 | 3634225.90 | 1.07211 |
| 504971.98 | 3634225.90 | 1.01901 | 505021.98 | 3634225.90 | 0.94478 |
| 505071.98 | 3634225.90 | 0.87976 | 505121.98 | 3634225.90 | 0.85148 |
| 505171.98 | 3634225.90 | 0.80211 | 505221.98 | | |

```
3634225.90        0.79674
         502221.98    3634275.90        0.85844                      502271.98
3634275.90        0.90490
         502321.98    3634275.90        0.95761                      502371.98
3634275.90        1.01743
         502421.98    3634275.90        1.07926                      502471.98
3634275.90        1.14680
         502521.98    3634275.90        1.22151                      502571.98
3634275.90        1.30399
         502621.98    3634275.90        1.39659                      502671.98
3634275.90        1.49993
         504771.98    3634275.90        1.29393                      504821.98
3634275.90        1.18629
         504871.98    3634275.90        1.10442                      504921.98
3634275.90        1.04049
         504971.98    3634275.90        1.00748                      505021.98
3634275.90        0.91993
         505071.98    3634275.90        0.86094                      505121.98
3634275.90        0.83771
         505171.98    3634275.90        0.77495                      505221.98
3634275.90        0.77484
         502221.98    3634325.90        0.86556                      502271.98
3634325.90        0.91361
         502321.98    3634325.90        0.96559                      502371.98
3634325.90        1.02258
         502421.98    3634325.90        1.08493                      502471.98
3634325.90        1.15312
         502521.98    3634325.90        1.22894                      502571.98
3634325.90        1.31293
         502621.98    3634325.90        1.40647                      502671.98
3634325.90        1.51218
         504771.98    3634325.90        1.24565                      504821.98
3634325.90        1.17015
         504871.98    3634325.90        1.09996                      504921.98
3634325.90        1.05446
         504971.98    3634325.90        1.01262                      505021.98
3634325.90        0.91213
         505071.98    3634325.90        0.85693                      505121.98
3634325.90        0.84883
         505171.98    3634325.90        0.78623                      505221.98
3634325.90        0.76130
         502221.98    3634375.90        0.87239                      502271.98
3634375.90        0.92100
         502321.98    3634375.90        0.97218                      502371.98
3634375.90        1.02848
         502421.98    3634375.90        1.09359                      502471.98
3634375.90        1.16525
         502521.98    3634375.90        1.24522                      502571.98
3634375.90        1.33151
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

504771.98 3634425.90 1.27819 504821.98 3634425.90 1.23124
504871.98 3634425.90 1.22187 504921.98 3634425.90 1.20453
504971.98 3634425.90 1.07309 505021.98 3634425.90 0.99478
505071.98 3634425.90 0.96299 505121.98 3634425.90 0.92411
505171.98 3634425.90 0.85487 505221.98 3634425.90 0.79603
502221.98 3634475.90 0.88142 502271.98 3634475.90 0.93069
502321.98 3634475.90 0.98433 502371.98 3634475.90 1.04312
502421.98 3634475.90 1.10771 502471.98 3634475.90 1.17871
502521.98 3634475.90 1.25809 502571.98 3634475.90 1.34597
502621.98 3634475.90 1.44408 502671.98 3634475.90 1.55433
504771.98 3634475.90 1.31588 504821.98 3634475.90 1.23615
504871.98 3634475.90 1.23355 504921.98 3634475.90 1.31480
504971.98 3634475.90 1.19438 505021.98 3634475.90 1.11281
505071.98 3634475.90 1.06228 505121.98 3634475.90 0.98543
505171.98 3634475.90 0.90457 505221.98 3634475.90 0.83642
502221.98 3634525.90 0.88271 502271.98 3634525.90 0.93171
502321.98 3634525.90 0.98536 502371.98 3634525.90 1.04429
502421.98 3634525.90 1.10884 502471.98 3634525.90 1.18021
502521.98 3634525.90 1.25911 502571.98 3634525.90 1.34727
502621.98 3634525.90 1.44565 502671.98 3634525.90 1.55716
504771.98 3634525.90 1.42301 504821.98 3634525.90 1.30335
504871.98 3634525.90 1.29784 504921.98 3634525.90 1.41728
504971.98 3634525.90 1.39737 505021.98 3634525.90 1.27662
505071.98 3634525.90 1.17332 505121.98 3634525.90 1.05297
505171.98 3634525.90 0.94512 505221.98 3634525.90 0.85734

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502221.98 | 3634575.90 | 0.88312 | 502271.98 | 3634575.90 | 0.93115 |
| 502321.98 | 3634575.90 | 0.98437 | 502371.98 | 3634575.90 | 1.04295 |
| 502421.98 | 3634575.90 | 1.10742 | 502471.98 | 3634575.90 | 1.17860 |
| 502521.98 | 3634575.90 | 1.25716 | 502571.98 | 3634575.90 | 1.34465 |
| 502621.98 | 3634575.90 | 1.44245 | 502671.98 | 3634575.90 | 1.55287 |
| 504771.98 | 3634575.90 | 1.67722 | 504821.98 | 3634575.90 | 1.51779 |
| 504871.98 | 3634575.90 | 1.54100 | 504921.98 | 3634575.90 | 1.63267 |
| 504971.98 | 3634575.90 | 1.51243 | 505021.98 | 3634575.90 | 1.33501 |
| 505071.98 | 3634575.90 | 1.20340 | 505121.98 | 3634575.90 | 1.08861 |
| 505171.98 | 3634575.90 | 0.92879 | 505221.98 | 3634575.90 | 0.85051 |
| 502221.98 | 3634625.90 | 0.88128 | 502271.98 | | |

3634625.90 0.92968
502321.98 3634625.90 0.98144 502371.98
3634625.90 1.03939
502421.98 3634625.90 1.10308 502471.98
3634625.90 1.17347
502521.98 3634625.90 1.25217 502571.98
3634625.90 1.33849
502621.98 3634625.90 1.43494 502671.98
3634625.90 1.54272
504771.98 3634625.90 2.06028 504821.98
3634625.90 1.99561
504871.98 3634625.90 1.84966 504921.98
3634625.90 1.70697
504971.98 3634625.90 1.52825 505021.98
3634625.90 1.34914
505071.98 3634625.90 1.18932 505121.98
3634625.90 1.08097
505171.98 3634625.90 0.91132 505221.98
3634625.90 0.83301
502221.98 3634675.90 0.87719 502271.98
3634675.90 0.92582
502321.98 3634675.90 0.97833 502371.98
3634675.90 1.03533
502421.98 3634675.90 1.09822 502471.98
3634675.90 1.16737
502521.98 3634675.90 1.24365 502571.98
3634675.90 1.32847
502621.98 3634675.90 1.42274 502671.98
3634675.90 1.52752
504771.98 3634675.90 2.17377 504821.98
3634675.90 2.00849
504871.98 3634675.90 1.82945 504921.98
3634675.90 1.69886
504971.98 3634675.90 1.56155 505021.98
3634675.90 1.35088
505071.98 3634675.90 1.15190 505121.98
3634675.90 1.05812
505171.98 3634675.90 0.92197 505221.98
3634675.90 0.83635
502221.98 3634725.90 0.87184 502271.98
3634725.90 0.91942
502321.98 3634725.90 0.97017 502371.98
3634725.90 1.02629
502421.98 3634725.90 1.08863 502471.98
3634725.90 1.15640
502521.98 3634725.90 1.23059 502571.98
3634725.90 1.31335
502621.98 3634725.90 1.40475 502671.98
3634725.90 1.50697
504771.98 3634725.90 2.10512 504821.98

3634725.90        1.96076
         504871.98    3634725.90        1.82488                        504921.98
3634725.90        1.66738
         504971.98    3634725.90        1.49388                        505021.98
3634725.90        1.25376
         505071.98    3634725.90        1.10646                        505121.98
3634725.90        1.00991
         505171.98    3634725.90        0.88453                        505221.98
3634725.90        0.82566
         502221.98    3634775.90        0.86562                        502271.98
3634775.90        0.91218
         502321.98    3634775.90        0.96113                        502371.98
3634775.90        1.01549
         502421.98    3634775.90        1.07511                        502471.98
3634775.90        1.14097
         502521.98    3634775.90        1.21460                        502571.98
3634775.90        1.29408

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634775.90        1.38228                        502671.98
3634775.90        1.48045
         504771.98    3634775.90        2.02796                        504821.98
3634775.90        1.89577

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         504871.98    3634775.90        1.77086                    504921.98
3634775.90        1.59504
         504971.98    3634775.90        1.32687                    505021.98
3634775.90        1.12970
         505071.98    3634775.90        1.05169                    505121.98
3634775.90        0.97675
         505171.98    3634775.90        0.85581                    505221.98
3634775.90        0.79239
         502221.98    3634825.90        0.85728                    502271.98
3634825.90        0.90242
         502321.98    3634825.90        0.95105                    502371.98
3634825.90        1.00410
         502421.98    3634825.90        1.06142                    502471.98
3634825.90        1.12376
         502521.98    3634825.90        1.19499                    502571.98
3634825.90        1.27170
         502621.98    3634825.90        1.35606                    502671.98
3634825.90        1.44936
         504771.98    3634825.90        1.94890                    504821.98
3634825.90        1.83116
         504871.98    3634825.90        1.68820                    504921.98
3634825.90        1.46151
         504971.98    3634825.90        1.15085                    505021.98
3634825.90        0.98342
         505071.98    3634825.90        0.94132                    505121.98
3634825.90        0.89835
         505171.98    3634825.90        0.81259                    505221.98
3634825.90        0.75984
         502221.98    3634875.90        0.84714                    502271.98
3634875.90        0.89069
         502321.98    3634875.90        0.93788                    502371.98
3634875.90        0.98931
         502421.98    3634875.90        1.04515                    502471.98
3634875.90        1.10603
         502521.98    3634875.90        1.17262                    502571.98
3634875.90        1.24571
         502621.98    3634875.90        1.32612                    502671.98
3634875.90        1.41480
         504771.98    3634875.90        1.87656                    504821.98
3634875.90        1.75007
         504871.98    3634875.90        1.62797                    504921.98
3634875.90        1.35880
         504971.98    3634875.90        1.07020                    505021.98
3634875.90        0.91724
         505071.98    3634875.90        0.83812                    505121.98
3634875.90        0.81602
         505171.98    3634875.90        0.76710                    505221.98
3634875.90        0.73441
         502221.98    3634925.90        0.83527                    502271.98
3634925.90        0.87751
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         502321.98    3634925.90        0.92311                       502371.98
3634925.90        0.97248
         502421.98    3634925.90        1.02610                       502471.98
3634925.90        1.08419
         502521.98    3634925.90        1.14788                       502571.98
3634925.90        1.21738
         502621.98    3634925.90        1.29347                       502671.98
3634925.90        1.37736
         504771.98    3634925.90        1.80436                       504821.98
3634925.90        1.68061
         504871.98    3634925.90        1.57445                       504921.98
3634925.90        1.34662
         504971.98    3634925.90        1.06893                       505021.98
3634925.90        0.88345
         505071.98    3634925.90        0.79505                       505121.98
3634925.90        0.77041
         505171.98    3634925.90        0.73353                       505221.98
3634925.90        0.70966
         502221.98    3634975.90        0.82214                       502271.98
3634975.90        0.86298
         502321.98    3634975.90        0.90670                       502371.98
3634975.90        0.95406
         502421.98    3634975.90        1.00532                       502471.98
3634975.90        1.06084
         502521.98    3634975.90        1.12139                       502571.98
3634975.90        1.18721
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 385
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 1.25919 | 502671.98 | 3634975.90 | 1.33807 |
| 504821.98 | 3634975.90 | 1.61131 | 504871.98 | 3634975.90 | 1.51786 |
| 504921.98 | 3634975.90 | 1.37856 | 504971.98 | 3634975.90 | 1.05732 |
| 505021.98 | 3634975.90 | 0.88399 | 505071.98 | 3634975.90 | 0.79233 |
| 505121.98 | 3634975.90 | 0.78544 | 505171.98 | 3634975.90 | 0.74859 |
| 505221.98 | 3634975.90 | 0.70896 | 502221.98 | 3635025.90 | 0.80797 |
| 502271.98 | 3635025.90 | 0.84728 | 502321.98 | 3635025.90 | 0.88928 |
| 502371.98 | 3635025.90 | 0.93452 | 502421.98 | 3635025.90 | 0.98346 |
| 502471.98 | 3635025.90 | 1.03637 | 502521.98 | 3635025.90 | 1.09375 |
| 502571.98 | 3635025.90 | 1.15606 | 502621.98 | 3635025.90 | 1.22393 |
| 502671.98 | 3635025.90 | 1.29795 | 504871.98 | 3635025.90 | 1.45947 |
| 504921.98 | 3635025.90 | 1.34077 | 504971.98 | 3635025.90 | 1.09630 |
| 505021.98 | 3635025.90 | 0.89321 | 505071.98 | 3635025.90 | 0.81756 |
| 505121.98 | 3635025.90 | 0.82285 | 505171.98 | 3635025.90 | 0.79022 |
| 505221.98 | 3635025.90 | 0.73552 | 502221.98 | 3635075.90 | 0.79320 |
| 502271.98 | 3635075.90 | 0.83074 | 502321.98 | 3635075.90 | 0.87081 |
| 502371.98 | 3635075.90 | 0.91409 | 502421.98 | 3635075.90 | 0.96056 |
| 502471.98 | 3635075.90 | 1.01077 | 502521.98 | 3635075.90 | 1.06513 |
| 502571.98 | 3635075.90 | 1.12409 | 502621.98 | 3635075.90 | 1.18805 |
| 502671.98 | 3635075.90 | 1.25756 | 504921.98 | 3635075.90 | 1.32284 |
| 504971.98 | 3635075.90 | 1.20172 | 505021.98 | 3635075.90 | 0.95539 |
| 505071.98 | 3635075.90 | 0.89834 | 505121.98 | 3635075.90 | 0.89503 |
| 505171.98 | 3635075.90 | 0.89496 | 505221.98 | | |

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3635075.90        0.82625
         502221.98    3635125.90        0.77753                          502271.98
3635125.90        0.81359
         502321.98    3635125.90        0.85177                          502371.98
3635125.90        0.89292
         502421.98    3635125.90        0.93711                          502471.98
3635125.90        0.98464
         502521.98    3635125.90        1.03614                          502571.98
3635125.90        1.09181
         502621.98    3635125.90        1.15199                          502671.98
3635125.90        1.21722
         505021.98    3635125.90        1.11030                          505071.98
3635125.90        1.02734
         505121.98    3635125.90        1.01018                          505171.98
3635125.90        0.98272
         505221.98    3635125.90        0.88188                          502221.98
3635175.90        0.76139
         502271.98    3635175.90        0.79592                          502321.98
3635175.90        0.83228
         502371.98    3635175.90        0.87134                          502421.98
3635175.90        0.91328
         502471.98    3635175.90        0.95833                          502521.98
3635175.90        1.00686
         502571.98    3635175.90        1.05943                          502621.98
3635175.90        1.11615
         502671.98    3635175.90        1.17713                          505121.98
3635175.90        1.00976
         505171.98    3635175.90        0.96443                          505221.98
3635175.90        0.91929
         502221.98    3635225.90        0.74507                          502271.98
3635225.90        0.77786
         502321.98    3635225.90        0.81270                          502371.98
3635225.90        0.84988
         502421.98    3635225.90        0.88967                          502471.98
3635225.90        0.93237
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 386
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
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, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3635225.90        0.97829                       502571.98
3635225.90        1.02768
         502621.98    3635225.90        1.08065                       502671.98
3635225.90        1.13774
         502221.98    3635275.90        0.75079                       502271.98
3635275.90        0.75989
         502321.98    3635275.90        0.79995                       502371.98
3635275.90        0.83672
         502421.98    3635275.90        0.87272                       502471.98
3635275.90        0.91240
         502521.98    3635275.90        0.96111                       502571.98
3635275.90        0.99813
         502621.98    3635275.90        1.04573                       502671.98
3635275.90        1.09881
         502221.98    3635325.90        0.74371                       502271.98
3635325.90        0.74772
         502321.98    3635325.90        0.78690                       502371.98
3635325.90        0.82238
         502421.98    3635325.90        0.85801                       502471.98
3635325.90        0.89242
         502521.98    3635325.90        0.92826                       502571.98
3635325.90        0.97076
         502621.98    3635325.90        1.01366                       502671.98
3635325.90        1.06182
         502221.98    3635375.90        0.71987                       502271.98
3635375.90        0.73569
         502321.98    3635375.90        0.76729                       502371.98
3635375.90        0.80121
         502421.98    3635375.90        0.83132                       502471.98
3635375.90        0.86271
         502521.98    3635375.90        0.89505                       502571.98
3635375.90        0.93410
         502621.98    3635375.90        0.97595                       502671.98
3635375.90        1.02042
         502221.98    3635425.90        0.70067                       502271.98
3635425.90        0.71691
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         502321.98    3635425.90        0.74537                        502371.98
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3635425.90        0.83101
         502521.98    3635425.90        0.86279                        502571.98
3635425.90        0.89743
         502621.98    3635425.90        0.93443                        502671.98
3635425.90        0.97501
         504771.98    3635425.90        1.17521                        502221.98
3635475.90        0.67729
         502271.98    3635475.90        0.69871                        502321.98
3635475.90        0.72232
         502371.98    3635475.90        0.74724                        502421.98
3635475.90        0.77339
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3635475.90        0.83129
         502571.98    3635475.90        0.86404                        502621.98
3635475.90        0.89911
         502671.98    3635475.90        0.93272                        504771.98
3635475.90        1.14992
         504821.98    3635475.90        1.09393                        504871.98
3635475.90        1.05010
         504921.98    3635475.90        1.00183                        502221.98
3635525.90        0.65395
         502271.98    3635525.90        0.67644                        502321.98
3635525.90        0.69851
         502371.98    3635525.90        0.72205                        502421.98
3635525.90        0.74639
         502471.98    3635525.90        0.77152                        502521.98
3635525.90        0.80090
         502571.98    3635525.90        0.83079                        502621.98
3635525.90        0.86128
         502671.98    3635525.90        0.89214                        502721.98
3635525.90        0.92617
         502771.98    3635525.90        0.96461                        502821.98
3635525.90        1.00525
         502871.98    3635525.90        1.04885                        502921.98
3635525.90        1.09210
         502971.98    3635525.90        1.13649                        503021.98
3635525.90        1.18190
         503071.98    3635525.90        1.23062                        503121.98
3635525.90        1.29191
         503171.98    3635525.90        1.33631                        503221.98
3635525.90        1.36118
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 1.40402 | 503321.98 | 3635525.90 | 1.44826 |
| 503371.98 | 3635525.90 | 1.49326 | 503421.98 | 3635525.90 | 1.53560 |
| 503471.98 | 3635525.90 | 1.58563 | 503521.98 | 3635525.90 | 1.62837 |
| 503571.98 | 3635525.90 | 1.64459 | 503621.98 | 3635525.90 | 1.65531 |
| 503671.98 | 3635525.90 | 1.67514 | 503721.98 | 3635525.90 | 1.69824 |
| 503771.98 | 3635525.90 | 1.72584 | 503821.98 | 3635525.90 | 1.75066 |
| 503871.98 | 3635525.90 | 1.75118 | 503921.98 | 3635525.90 | 1.77615 |
| 503971.98 | 3635525.90 | 1.79567 | 504021.98 | 3635525.90 | 1.74536 |
| 504071.98 | 3635525.90 | 1.66045 | 504121.98 | 3635525.90 | 1.62256 |
| 504171.98 | 3635525.90 | 1.59405 | 504221.98 | 3635525.90 | 1.54259 |
| 504271.98 | 3635525.90 | 1.51640 | 504321.98 | 3635525.90 | 1.47515 |
| 504371.98 | 3635525.90 | 1.42613 | 504421.98 | 3635525.90 | 1.38055 |
| 504471.98 | 3635525.90 | 1.33614 | 504521.98 | 3635525.90 | 1.29197 |
| 504571.98 | 3635525.90 | 1.25549 | 504621.98 | | |

3635525.90 1.21752
504671.98 3635525.90 1.17748 504721.98
3635525.90 1.15581
504771.98 3635525.90 1.10787 504821.98
3635525.90 1.06395
504871.98 3635525.90 1.01950 504921.98
3635525.90 0.96817
504971.98 3635525.90 0.93026 505021.98
3635525.90 0.89547
505071.98 3635525.90 0.85677 505121.98
3635525.90 0.82003
505171.98 3635525.90 0.78558 505221.98
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3635575.90 0.65427
502321.98 3635575.90 0.67556 502371.98
3635575.90 0.69721
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3635575.90 0.80070
502621.98 3635575.90 0.82852 502671.98
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502721.98 3635575.90 0.88924 502771.98
3635575.90 0.92639
502821.98 3635575.90 0.96386 502871.98
3635575.90 1.00227
502921.98 3635575.90 1.04158 502971.98
3635575.90 1.08021
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3635575.90 1.16469
503121.98 3635575.90 1.22034 503171.98
3635575.90 1.25928
503221.98 3635575.90 1.28209 503271.98
3635575.90 1.32485
503321.98 3635575.90 1.36732 503371.98
3635575.90 1.41186
503421.98 3635575.90 1.45313 503471.98
3635575.90 1.49993
503521.98 3635575.90 1.53900 503571.98
3635575.90 1.55553
503621.98 3635575.90 1.55191 503671.98
3635575.90 1.56572
503721.98 3635575.90 1.58217 503771.98
3635575.90 1.59878
503821.98 3635575.90 1.61117 503871.98
3635575.90 1.62917
503921.98 3635575.90 1.64421 503971.98
3635575.90 1.66052
504021.98 3635575.90 1.56184 504071.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504221.98    3635575.90        1.45489                       504271.98
3635575.90        1.40695
         504321.98    3635575.90        1.37641                       504371.98
3635575.90        1.34529
         504421.98    3635575.90        1.30663                       504471.98
3635575.90        1.26041
         504521.98    3635575.90        1.22455                       504571.98
3635575.90        1.18261
         504621.98    3635575.90        1.15805                       504671.98
3635575.90        1.12236
         504721.98    3635575.90        1.08938                       504771.98
3635575.90        1.06335
         504821.98    3635575.90        1.02670                       504871.98
3635575.90        0.98276
         504921.98    3635575.90        0.92803                       504971.98
3635575.90        0.90287
         505021.98    3635575.90        0.86953                       505071.98
3635575.90        0.83436

505121.98 3635575.90 0.80566 505171.98 3635575.90 0.76616
505221.98 3635575.90 0.73863 502221.98 3635625.90 0.59932
502271.98 3635625.90 0.62795 502321.98 3635625.90 0.65037
502371.98 3635625.90 0.67349 502421.98 3635625.90 0.68905
502471.98 3635625.90 0.71099 502521.98 3635625.90 0.73584
502571.98 3635625.90 0.76942 502621.98 3635625.90 0.79978
502671.98 3635625.90 0.82575 502721.98 3635625.90 0.85445
502771.98 3635625.90 0.88665 502821.98 3635625.90 0.91924
502871.98 3635625.90 0.95303 502921.98 3635625.90 0.98798
502971.98 3635625.90 1.02395 503021.98 3635625.90 1.06099
503071.98 3635625.90 1.09925 503121.98 3635625.90 1.13773
503171.98 3635625.90 1.17615 503221.98 3635625.90 1.21497
503271.98 3635625.90 1.25437 503321.98 3635625.90 1.29416
503371.98 3635625.90 1.33183 503421.98 3635625.90 1.36946
503471.98 3635625.90 1.41396 503521.98 3635625.90 1.45127
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503871.98 3635625.90 1.50418 503921.98 3635625.90 1.52165
503971.98 3635625.90 1.53227 504021.98 3635625.90 1.46857
504071.98 3635625.90 1.43458 504121.98 3635625.90 1.41754
504171.98 3635625.90 1.39687 504221.98 3635625.90 1.38290
504271.98 3635625.90 1.34633 504321.98 3635625.90 1.28855
504371.98 3635625.90 1.26067 504421.98 3635625.90 1.23534
504471.98 3635625.90 1.19744 504521.98 3635625.90 1.16236

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505171.98    3635625.90        0.74727                        505221.98
3635625.90        0.71738
         502221.98    3635675.90        0.57158                        502271.98
3635675.90        0.60049
         502321.98    3635675.90        0.62087                        502371.98
3635675.90        0.64345
         502421.98    3635675.90        0.66228                        502471.98
3635675.90        0.68510
         502521.98    3635675.90        0.70977                        502571.98

3635675.90 0.73878
502621.98 3635675.90 0.76782 502671.98
3635675.90 0.79571
502721.98 3635675.90 0.82120 502771.98
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3635675.90 1.03796
503121.98 3635675.90 1.07227 503171.98
3635675.90 1.10682
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3635675.90 1.36568
504121.98 3635675.90 1.33003 504171.98
3635675.90 1.30931
504221.98 3635675.90 1.29028 504271.98
3635675.90 1.27256
504321.98 3635675.90 1.23044 504371.98
3635675.90 1.18978
504421.98 3635675.90 1.16043 504471.98
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3635675.90 1.07174
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3635675.90 1.01408
504721.98 3635675.90 0.98335 504771.98
3635675.90 0.99639
504821.98 3635675.90 0.94978 504871.98
3635675.90 0.91399
504921.98 3635675.90 0.86586 504971.98
3635675.90 0.85086
505021.98 3635675.90 0.81569 505071.98

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3635675.90        0.77616
         505121.98    3635675.90        0.76036                       505171.98
3635675.90        0.73081
         505221.98    3635675.90        0.70102                       502221.98
3635725.90        0.54801
         502271.98    3635725.90        0.57743                       502321.98
3635725.90        0.59983
         502371.98    3635725.90        0.62298                       502421.98
3635725.90        0.64014
         502471.98    3635725.90        0.66241                       502521.98
3635725.90        0.68380
         502571.98    3635725.90        0.71383                       502621.98
3635725.90        0.74171
         502671.98    3635725.90        0.76558                       502721.98
3635725.90        0.79038
         502771.98    3635725.90        0.81413                       502821.98
3635725.90        0.84075
         502871.98    3635725.90        0.86914                       502921.98
3635725.90        0.88779
         502971.98    3635725.90        0.91880                       503021.98
3635725.90        0.94510
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 390
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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503071.98 3635725.90 0.98132 503121.98 3635725.90 1.00884
503171.98 3635725.90 1.04075 503221.98 3635725.90 1.08301
503271.98 3635725.90 1.11620 503321.98 3635725.90 1.14813
503371.98 3635725.90 1.18276 503421.98 3635725.90 1.22197
503471.98 3635725.90 1.25405 503521.98 3635725.90 1.28411
503571.98 3635725.90 1.30103 503621.98 3635725.90 1.31703
503671.98 3635725.90 1.31417 503721.98 3635725.90 1.33110
503771.98 3635725.90 1.34001 503821.98 3635725.90 1.33677
503871.98 3635725.90 1.33263 503921.98 3635725.90 1.34728
503971.98 3635725.90 1.35415 504021.98 3635725.90 1.31761
504071.98 3635725.90 1.30520 504121.98 3635725.90 1.27183
504171.98 3635725.90 1.24956 504221.98 3635725.90 1.27162
504271.98 3635725.90 1.25096 504321.98 3635725.90 1.17806
504371.98 3635725.90 1.14351 504421.98 3635725.90 1.10444
504471.98 3635725.90 1.09650 504521.98 3635725.90 1.08144
504571.98 3635725.90 1.03344 504621.98 3635725.90 1.00872
504671.98 3635725.90 0.98847 504721.98 3635725.90 0.94256
504771.98 3635725.90 0.91459 504821.98 3635725.90 0.90086
504871.98 3635725.90 0.86507 504921.98 3635725.90 0.83633
504971.98 3635725.90 0.82469 505021.98 3635725.90 0.79798
505071.98 3635725.90 0.76252 505121.98 3635725.90 0.74156
505171.98 3635725.90 0.71356 505221.98 3635725.90 0.68560
502221.98 3635775.90 0.52868 502271.98 3635775.90 0.55899
502321.98 3635775.90 0.57976 502371.98 3635775.90 0.60268
502421.98 3635775.90 0.61990 502471.98 3635775.90 0.64044

```
         502521.98    3635775.90        0.66155                        502571.98
3635775.90        0.68611
         502621.98    3635775.90        0.71059                        502671.98
3635775.90        0.73475
         502721.98    3635775.90        0.76184                        502771.98
3635775.90        0.78679
         502821.98    3635775.90        0.81054                        502871.98
3635775.90        0.83470
         502921.98    3635775.90        0.85201                        502971.98
3635775.90        0.88064
         503021.98    3635775.90        0.89829                        503071.98
3635775.90        0.92860
         503121.98    3635775.90        0.95596                        503171.98
3635775.90        0.98877
         503221.98    3635775.90        0.97695                        503271.98
3635775.90        0.98364
         503321.98    3635775.90        1.03221                        503371.98
3635775.90        1.10175
         503421.98    3635775.90        1.14989                        503471.98
3635775.90        1.18258
         503521.98    3635775.90        1.20476                        503571.98
3635775.90        1.23638
         503621.98    3635775.90        1.25500                        503671.98
3635775.90        1.25302
         503721.98    3635775.90        1.24926                        503771.98
3635775.90        1.26119
         503821.98    3635775.90        1.26481                        503871.98
3635775.90        1.27582
         503921.98    3635775.90        1.30024                        503971.98
3635775.90        1.29903
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 1.25540 | 504071.98 | 3635775.90 | 1.26918 |
| 504121.98 | 3635775.90 | 1.23985 | 504171.98 | 3635775.90 | 1.22592 |
| 504221.98 | 3635775.90 | 1.22338 | 504271.98 | 3635775.90 | 1.20699 |
| 504321.98 | 3635775.90 | 1.16090 | 504371.98 | 3635775.90 | 1.10738 |
| 504421.98 | 3635775.90 | 1.06774 | 504471.98 | 3635775.90 | 1.06145 |
| 504521.98 | 3635775.90 | 1.04914 | 504571.98 | 3635775.90 | 0.99242 |
| 504621.98 | 3635775.90 | 0.97872 | 504671.98 | 3635775.90 | 0.94158 |
| 504721.98 | 3635775.90 | 0.90707 | 504771.98 | 3635775.90 | 0.88217 |
| 504821.98 | 3635775.90 | 0.85675 | 504871.98 | 3635775.90 | 0.83297 |
| 504921.98 | 3635775.90 | 0.80770 | 504971.98 | 3635775.90 | 0.80034 |
| 505021.98 | 3635775.90 | 0.77587 | 505071.98 | 3635775.90 | 0.74229 |
| 505121.98 | 3635775.90 | 0.72054 | 505171.98 | 3635775.90 | 0.69573 |
| 505221.98 | 3635775.90 | 0.67092 | 502221.98 | 3635825.90 | 0.51162 |
| 502271.98 | 3635825.90 | 0.54127 | 502321.98 | 3635825.90 | 0.56186 |
| 502371.98 | 3635825.90 | 0.58437 | 502421.98 | 3635825.90 | 0.60038 |
| 502471.98 | 3635825.90 | 0.62048 | 502521.98 | 3635825.90 | 0.64002 |
| 502571.98 | 3635825.90 | 0.66345 | 502621.98 | 3635825.90 | 0.68664 |
| 502671.98 | 3635825.90 | 0.70967 | 502721.98 | 3635825.90 | 0.73286 |
| 502771.98 | 3635825.90 | 0.75739 | 502821.98 | 3635825.90 | 0.78008 |
| 502871.98 | 3635825.90 | 0.80266 | 502921.98 | 3635825.90 | 0.81852 |
| 502971.98 | 3635825.90 | 0.84559 | 503021.98 | | |

3635825.90        0.85203
         503071.98    3635825.90        0.87071                        503121.98
3635825.90        0.89985
         503171.98    3635825.90        0.93195                        503221.98
3635825.90        0.90552
         503271.98    3635825.90        0.92435                        503321.98
3635825.90        0.96795
         503371.98    3635825.90        1.04121                        503421.98
3635825.90        1.08155
         503471.98    3635825.90        1.11537                        503521.98
3635825.90        1.09274
         503571.98    3635825.90        1.13137                        503621.98
3635825.90        1.17915
         503671.98    3635825.90        1.19731                        503721.98
3635825.90        1.19439
         503771.98    3635825.90        1.19073                        503821.98
3635825.90        1.19994
         503871.98    3635825.90        1.20882                        503921.98
3635825.90        1.22371
         503971.98    3635825.90        1.23593                        504021.98
3635825.90        1.20064
         504071.98    3635825.90        1.23349                        504121.98
3635825.90        1.22919
         504171.98    3635825.90        1.19274                        504221.98
3635825.90        1.18099
         504271.98    3635825.90        1.18164                        504321.98
3635825.90        1.13899
         504371.98    3635825.90        1.09139                        504421.98
3635825.90        1.05718
         504471.98    3635825.90        1.03838                        504521.98
3635825.90        1.02054
         504571.98    3635825.90        0.97799                        504621.98
3635825.90        0.95103
         504671.98    3635825.90        0.90613                        504721.98
3635825.90        0.86771
         504771.98    3635825.90        0.84479                        504821.98
3635825.90        0.82930
         504871.98    3635825.90        0.81364                        504921.98
3635825.90        0.78646

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939

```
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504971.98    3635825.90        0.77068                       505021.98
3635825.90        0.74833
         505071.98    3635825.90        0.72610                       505121.98
3635825.90        0.70068
         505171.98    3635825.90        0.67915                       505221.98
3635825.90        0.65622
         502221.98    3635875.90        0.49690                       502271.98
3635875.90        0.52569
         502321.98    3635875.90        0.54692                       502371.98
3635875.90        0.56676
         502421.98    3635875.90        0.58238                       502471.98
3635875.90        0.60121
         502521.98    3635875.90        0.61885                       502571.98
3635875.90        0.64097
         502621.98    3635875.90        0.66038                       502671.98
3635875.90        0.68255
         502721.98    3635875.90        0.70587                       502771.98
3635875.90        0.72911
         502821.98    3635875.90        0.75012                       502871.98
3635875.90        0.77175
         502921.98    3635875.90        0.78129                       502971.98
3635875.90        0.80689
         503021.98    3635875.90        0.80976                       503071.98
3635875.90        0.82682
         503121.98    3635875.90        0.85116                       503171.98
3635875.90        0.88116
         503221.98    3635875.90        0.89140                       503271.98
3635875.90        0.89758
         503321.98    3635875.90        0.95165                       503371.98
3635875.90        0.98312
         503421.98    3635875.90        1.02189                       503471.98
3635875.90        1.04491
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         503521.98    3635875.90        0.96954                      503571.98
3635875.90        1.06366
         503621.98    3635875.90        1.11738                      503671.98
3635875.90        1.13010
         503721.98    3635875.90        1.12959                      503771.98
3635875.90        1.13023
         503821.98    3635875.90        1.14044                      503871.98
3635875.90        1.15693
         503921.98    3635875.90        1.16195                      503971.98
3635875.90        1.16822
         504021.98    3635875.90        1.15570                      504071.98
3635875.90        1.17886
         504121.98    3635875.90        1.17645                      504171.98
3635875.90        1.16140
         504221.98    3635875.90        1.16288                      504271.98
3635875.90        1.15413
         504321.98    3635875.90        1.11593                      504371.98
3635875.90        1.08075
         504421.98    3635875.90        1.05372                      504471.98
3635875.90        1.00897
         504521.98    3635875.90        0.97896                      504571.98
3635875.90        0.94902
         504621.98    3635875.90        0.91971                      504671.98
3635875.90        0.88820
         504721.98    3635875.90        0.83352                      504771.98
3635875.90        0.81211
         504821.98    3635875.90        0.79976                      504871.98
3635875.90        0.78059
         504921.98    3635875.90        0.76169                      504971.98
3635875.90        0.74966
         505021.98    3635875.90        0.72397                      505071.98
3635875.90        0.70062
         505121.98    3635875.90        0.68187                      505171.98
3635875.90        0.66125
         505221.98    3635875.90        0.64141                      502221.98
3635925.90        0.48190
         502271.98    3635925.90        0.50990                      502321.98
3635925.90        0.52936
         502371.98    3635925.90        0.55038                      502421.98
3635925.90        0.56517
         502471.98    3635925.90        0.58279                      502521.98
3635925.90        0.59767
         502571.98    3635925.90        0.61788                      502621.98
3635925.90        0.63736
         502671.98    3635925.90        0.65829                      502721.98
3635925.90        0.68035
         502771.98    3635925.90        0.70262                      502821.98
3635925.90        0.72172
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 0.74248 | 502921.98 | 3635925.90 | 0.75005 |
| 502971.98 | 3635925.90 | 0.77059 | 503021.98 | 3635925.90 | 0.77327 |
| 503071.98 | 3635925.90 | 0.78607 | 503121.98 | 3635925.90 | 0.80799 |
| 503171.98 | 3635925.90 | 0.82948 | 503221.98 | 3635925.90 | 0.84407 |
| 503271.98 | 3635925.90 | 0.86862 | 503321.98 | 3635925.90 | 0.90425 |
| 503371.98 | 3635925.90 | 0.93743 | 503421.98 | 3635925.90 | 0.96646 |
| 503471.98 | 3635925.90 | 0.95324 | 503521.98 | 3635925.90 | 0.92198 |
| 503571.98 | 3635925.90 | 0.99632 | 503621.98 | 3635925.90 | 1.06221 |
| 503671.98 | 3635925.90 | 1.07079 | 503721.98 | 3635925.90 | 1.07553 |
| 503771.98 | 3635925.90 | 1.08176 | 503821.98 | 3635925.90 | 1.08652 |
| 503871.98 | 3635925.90 | 1.08926 | 503921.98 | 3635925.90 | 1.09697 |
| 503971.98 | 3635925.90 | 1.10666 | 504021.98 | | |

3635925.90 1.10584
504071.98 3635925.90 1.11562 504121.98
3635925.90 1.12296
504171.98 3635925.90 1.12582 504221.98
3635925.90 1.13001
504271.98 3635925.90 1.11174 504321.98
3635925.90 1.08479
504371.98 3635925.90 1.06592 504421.98
3635925.90 1.04422
504471.98 3635925.90 1.01060 504521.98
3635925.90 0.96880
504571.98 3635925.90 0.92533 504621.98
3635925.90 0.88143
504671.98 3635925.90 0.86073 504721.98
3635925.90 0.83102
504771.98 3635925.90 0.80030 504821.98
3635925.90 0.76405
504871.98 3635925.90 0.74716 504921.98
3635925.90 0.73035
504971.98 3635925.90 0.72724 505021.98
3635925.90 0.70992
505071.98 3635925.90 0.68958 505121.98
3635925.90 0.66474
505171.98 3635925.90 0.64415 505221.98
3635925.90 0.63160
502221.98 3635975.90 0.46391 502271.98
3635975.90 0.49064
502321.98 3635975.90 0.51008 502371.98
3635975.90 0.53269
502421.98 3635975.90 0.54709 502471.98
3635975.90 0.56437
502521.98 3635975.90 0.57924 502571.98
3635975.90 0.60041
502621.98 3635975.90 0.61838 502671.98
3635975.90 0.63612
502721.98 3635975.90 0.65630 502771.98
3635975.90 0.67647
502821.98 3635975.90 0.69419 502871.98
3635975.90 0.71489
502921.98 3635975.90 0.72229 502971.98
3635975.90 0.74098
503021.98 3635975.90 0.74146 503071.98
3635975.90 0.75724
503121.98 3635975.90 0.77094 503171.98
3635975.90 0.78949
503221.98 3635975.90 0.80788 503271.98
3635975.90 0.83686
503321.98 3635975.90 0.86525 503371.98
3635975.90 0.90223
503421.98 3635975.90 0.89195 503471.98

3635975.90        0.88479
         503521.98    3635975.90        0.91785                      503571.98
3635975.90        0.98578
         503621.98    3635975.90        1.00850                      503671.98
3635975.90        1.01784
         503721.98    3635975.90        1.02390                      503771.98
3635975.90        1.02950


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - -

504521.98 3635975.90 0.96685 504571.98
3635975.90 0.93481
504621.98 3635975.90 0.90811 504671.98
3635975.90 0.86551
504721.98 3635975.90 0.83344 504771.98
3635975.90 0.79733
504821.98 3635975.90 0.76086 504871.98
3635975.90 0.73423
504921.98 3635975.90 0.70951 504971.98
3635975.90 0.70405
505021.98 3635975.90 0.68846 505071.98
3635975.90 0.67073
505121.98 3635975.90 0.64991 505171.98
3635975.90 0.63071
505221.98 3635975.90 0.60935 501721.98
3632475.90 0.31709
501821.98 3632475.90 0.33041 501921.98
3632475.90 0.34432
502021.98 3632475.90 0.35880 502121.98
3632475.90 0.37380
502221.98 3632475.90 0.38933 502321.98
3632475.90 0.40534
502421.98 3632475.90 0.42163 502521.98
3632475.90 0.43814
502621.98 3632475.90 0.45459 502721.98
3632475.90 0.46166
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3632475.90 0.44569
503021.98 3632475.90 0.43706 503121.98
3632475.90 0.42078
503221.98 3632475.90 0.43882 503321.98
3632475.90 0.41254
503421.98 3632475.90 0.39985 503721.98
3632475.90 0.38020
503821.98 3632475.90 0.35027 503921.98
3632475.90 0.32181
504021.98 3632475.90 0.29947 504121.98
3632475.90 0.29410
504221.98 3632475.90 0.27565 504321.98
3632475.90 0.26788
504421.98 3632475.90 0.28708 504521.98
3632475.90 0.30638
504621.98 3632475.90 0.26760 504721.98
3632475.90 0.25456
504821.98 3632475.90 0.25534 504921.98
3632475.90 0.25086
505021.98 3632475.90 0.24332 505121.98
3632475.90 0.24657
505221.98 3632475.90 0.23943 505321.98
3632475.90 0.23752

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         505421.98    3632475.90        0.23886                      505521.98
3632475.90        0.24172
         505621.98    3632475.90        0.24885                      505721.98
3632475.90        0.25795
         501721.98    3632575.90        0.32994                      501821.98
3632575.90        0.34449
         501921.98    3632575.90        0.35975                      502021.98
3632575.90        0.37574
         502121.98    3632575.90        0.39240                      502221.98
3632575.90        0.40976
         502321.98    3632575.90        0.42768                      502421.98
3632575.90        0.44608
         502521.98    3632575.90        0.46484                      502621.98
3632575.90        0.48377
         502721.98    3632575.90        0.49720                      502821.98
3632575.90        0.51264
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                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502921.98    3632575.90        0.49900                      503021.98
3632575.90        0.47846
         503121.98    3632575.90        0.47511                      503221.98
3632575.90        0.46837
         503321.98    3632575.90        0.44858                      503421.98
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3632575.90 0.42636
503721.98 3632575.90 0.39033 503821.98 3632575.90 0.35737
503921.98 3632575.90 0.28469 504021.98 3632575.90 0.26897
504121.98 3632575.90 0.26810 504221.98 3632575.90 0.26603
504321.98 3632575.90 0.26019 504421.98 3632575.90 0.26947
504521.98 3632575.90 0.29788 504621.98 3632575.90 0.28766
504721.98 3632575.90 0.26376 504821.98 3632575.90 0.26757
504921.98 3632575.90 0.26238 505021.98 3632575.90 0.25641
505121.98 3632575.90 0.26046 505221.98 3632575.90 0.25982
505321.98 3632575.90 0.25951 505421.98 3632575.90 0.26365
505521.98 3632575.90 0.26765 505621.98 3632575.90 0.27421
505721.98 3632575.90 0.27815 501721.98 3632675.90 0.34330
501821.98 3632675.90 0.35918 501921.98 3632675.90 0.37594
502021.98 3632675.90 0.39359 502121.98 3632675.90 0.41208
502221.98 3632675.90 0.43142 502321.98 3632675.90 0.45157
502421.98 3632675.90 0.47242 502521.98 3632675.90 0.49382
502621.98 3632675.90 0.51553 502721.98 3632675.90 0.53737
502821.98 3632675.90 0.49747 502921.98 3632675.90 0.47840
503021.98 3632675.90 0.47124 503721.98 3632675.90 0.41733
503821.98 3632675.90 0.39189 503921.98 3632675.90 0.35292
504021.98 3632675.90 0.30801 504121.98 3632675.90 0.28910
504221.98 3632675.90 0.28090 504321.98 3632675.90 0.27881
504421.98 3632675.90 0.28423 504521.98 3632675.90 0.29140
504621.98 3632675.90 0.28892 504721.98 3632675.90 0.28503
504821.98 3632675.90 0.28605 504921.98 3632675.90 0.28198
505021.98 3632675.90 0.27938 505121.98

3632675.90        0.28101
         505221.98    3632675.90        0.28203                        505321.98
3632675.90        0.28220
         505421.98    3632675.90        0.28942                        505521.98
3632675.90        0.29735
         505621.98    3632675.90        0.30010                        505721.98
3632675.90        0.29455
         502421.98    3632775.90        0.48681                        502521.98
3632775.90        0.45833
         502621.98    3632775.90        0.49104                        502721.98
3632775.90        0.57557
         502821.98    3632775.90        0.51136                        502921.98
3632775.90        0.42567
         503021.98    3632775.90        0.39122                        503121.98
3632775.90        0.43709
         503221.98    3632775.90        0.48078                        503621.98
3632775.90        0.47844
         503721.98    3632775.90        0.45856                        503821.98
3632775.90        0.40400
         503921.98    3632775.90        0.39437                        504021.98
3632775.90        0.38034
         504121.98    3632775.90        0.34356                        504221.98
3632775.90        0.31685
         504321.98    3632775.90        0.30584                        504421.98
3632775.90        0.30690

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                               INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 0.30895 | 504621.98 | 3632775.90 | 0.30782 |
| 504721.98 | 3632775.90 | 0.30815 | 504821.98 | 3632775.90 | 0.30677 |
| 504921.98 | 3632775.90 | 0.30707 | 505021.98 | 3632775.90 | 0.30648 |
| 505121.98 | 3632775.90 | 0.30766 | 505221.98 | 3632775.90 | 0.30803 |
| 505321.98 | 3632775.90 | 0.31226 | 505421.98 | 3632775.90 | 0.31976 |
| 505521.98 | 3632775.90 | 0.32661 | 505621.98 | 3632775.90 | 0.32941 |
| 505721.98 | 3632775.90 | 0.32313 | 501721.98 | 3632875.90 | 0.37157 |
| 501821.98 | 3632875.90 | 0.39051 | 501921.98 | 3632875.90 | 0.41066 |
| 502021.98 | 3632875.90 | 0.43206 | 502121.98 | 3632875.90 | 0.45482 |
| 502221.98 | 3632875.90 | 0.47880 | 502321.98 | 3632875.90 | 0.50429 |
| 502421.98 | 3632875.90 | 0.53117 | 502521.98 | 3632875.90 | 0.55914 |
| 502621.98 | 3632875.90 | 0.58811 | 502721.98 | 3632875.90 | 0.61759 |
| 502821.98 | 3632875.90 | 0.55238 | 502921.98 | 3632875.90 | 0.42553 |
| 503021.98 | 3632875.90 | 0.31427 | 503121.98 | 3632875.90 | 0.39425 |
| 503221.98 | 3632875.90 | 0.55273 | 503321.98 | 3632875.90 | 0.57501 |
| 503421.98 | 3632875.90 | 0.56756 | 503621.98 | 3632875.90 | 0.52168 |
| 503721.98 | 3632875.90 | 0.49515 | 503821.98 | 3632875.90 | 0.42836 |
| 503921.98 | 3632875.90 | 0.37046 | 504021.98 | 3632875.90 | 0.36511 |
| 504121.98 | 3632875.90 | 0.35821 | 504221.98 | 3632875.90 | 0.34033 |
| 504321.98 | 3632875.90 | 0.33628 | 504421.98 | 3632875.90 | 0.33349 |
| 504521.98 | 3632875.90 | 0.33401 | 504621.98 | 3632875.90 | 0.33416 |
| 504721.98 | 3632875.90 | 0.33622 | 504821.98 | 3632875.90 | 0.33572 |
| 504921.98 | 3632875.90 | 0.33698 | 505021.98 | 3632875.90 | 0.33874 |

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         505121.98    3632875.90        0.33947                        505221.98
3632875.90        0.34317
         505321.98    3632875.90        0.34878                        505421.98
3632875.90        0.35720
         505521.98    3632875.90        0.35753                        505621.98
3632875.90        0.35962
         505721.98    3632875.90        0.34927                        501721.98
3632975.90        0.38618
         501821.98    3632975.90        0.40690                        501921.98
3632975.90        0.42905
         502021.98    3632975.90        0.45272                        502121.98
3632975.90        0.47795
         505321.98    3632975.90        0.39359                        505421.98
3632975.90        0.39568
         505521.98    3632975.90        0.39772                        505621.98
3632975.90        0.39145
         505721.98    3632975.90        0.37748                        501721.98
3633075.90        0.40094
         501821.98    3633075.90        0.42350                        501921.98
3633075.90        0.44791
         502021.98    3633075.90        0.47404                        502121.98
3633075.90        0.50216
         505321.98    3633075.90        0.43665                        505421.98
3633075.90        0.44092
         505521.98    3633075.90        0.43852                        505621.98
3633075.90        0.42668
         505721.98    3633075.90        0.40431                        501721.98
3633175.90        0.41586
         501821.98    3633175.90        0.44046                        501921.98
3633175.90        0.46707
         502021.98    3633175.90        0.49600                        502121.98
3633175.90        0.52684
         505321.98    3633175.90        0.48484                        505421.98
3633175.90        0.47908
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 397
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
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L0000959 , L0000960 , L0000961 , L0000962 , L0000963
, L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 0.47476 | 505621.98 | 3633175.90 | 0.46475 |
| 505721.98 | 3633175.90 | 0.43663 | 501721.98 | 3633275.90 | 0.43081 |
| 501821.98 | 3633275.90 | 0.45771 | 501921.98 | 3633275.90 | 0.48680 |
| 502021.98 | 3633275.90 | 0.51858 | 502121.98 | 3633275.90 | 0.55277 |
| 505321.98 | 3633275.90 | 0.53742 | 505421.98 | 3633275.90 | 0.51641 |
| 505521.98 | 3633275.90 | 0.51033 | 505621.98 | 3633275.90 | 0.50271 |
| 505721.98 | 3633275.90 | 0.47304 | 501721.98 | 3633375.90 | 0.44560 |
| 501821.98 | 3633375.90 | 0.47463 | 501921.98 | 3633375.90 | 0.50633 |
| 502021.98 | 3633375.90 | 0.54112 | 502121.98 | 3633375.90 | 0.57932 |
| 505321.98 | 3633375.90 | 0.59705 | 505421.98 | 3633375.90 | 0.55867 |
| 505521.98 | 3633375.90 | 0.54000 | 505621.98 | 3633375.90 | 0.53314 |
| 505721.98 | 3633375.90 | 0.50529 | 501721.98 | 3633475.90 | 0.46032 |
| 501821.98 | 3633475.90 | 0.49162 | 501921.98 | 3633475.90 | 0.52623 |
| 502021.98 | 3633475.90 | 0.56426 | 502121.98 | 3633475.90 | 0.60589 |
| 505321.98 | 3633475.90 | 0.65150 | 505421.98 | 3633475.90 | 0.60091 |
| 505521.98 | 3633475.90 | 0.57405 | 505621.98 | 3633475.90 | 0.54861 |
| 505721.98 | 3633475.90 | 0.52385 | 501721.98 | 3633575.90 | 0.47468 |
| 501821.98 | 3633575.90 | 0.50833 | 501921.98 | 3633575.90 | 0.54549 |
| 502021.98 | 3633575.90 | 0.58669 | 502121.98 | | |

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3633575.90        0.63340
         505321.98    3633575.90        0.69242                        505421.98
3633575.90        0.62468
         505521.98    3633575.90        0.59088                        505621.98
3633575.90        0.56552
         505721.98    3633575.90        0.53556                        501721.98
3633675.90        0.48865
         501821.98    3633675.90        0.52426                        501921.98
3633675.90        0.56434
         502021.98    3633675.90        0.60921                        502121.98
3633675.90        0.65975
         505321.98    3633675.90        0.70934                        505421.98
3633675.90        0.63258
         505521.98    3633675.90        0.59505                        505621.98
3633675.90        0.56712
         505721.98    3633675.90        0.54810                        501721.98
3633775.90        0.50195
         501821.98    3633775.90        0.53979                        501921.98
3633775.90        0.58236
         502021.98    3633775.90        0.63035                        502121.98
3633775.90        0.68449
         505321.98    3633775.90        0.73033                        505421.98
3633775.90        0.65750
         505521.98    3633775.90        0.60332                        505621.98
3633775.90        0.57573
         505721.98    3633775.90        0.56018                        501721.98
3633875.90        0.51411
         501821.98    3633875.90        0.55448                        501921.98
3633875.90        0.59855
         502021.98    3633875.90        0.65052                        502121.98
3633875.90        0.70850
         505321.98    3633875.90        0.74053                        505421.98
3633875.90        0.67876
         505521.98    3633875.90        0.62148                        505621.98
3633875.90        0.57422
         505721.98    3633875.90        0.55562                        501721.98
3633975.90        0.52521
         501821.98    3633975.90        0.56723                        501921.98
3633975.90        0.61477
         502021.98    3633975.90        0.66867                        502121.98
3633975.90        0.73101
         505321.98    3633975.90        0.73749                        505421.98
3633975.90        0.67355
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 398
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 0.61309 | 505621.98 | 3633975.90 | 0.56228 |
| 505721.98 | 3633975.90 | 0.53151 | 501721.98 | 3634075.90 | 0.53483 |
| 501821.98 | 3634075.90 | 0.57866 | 501921.98 | 3634075.90 | 0.62835 |
| 502021.98 | 3634075.90 | 0.68502 | 502121.98 | 3634075.90 | 0.75012 |
| 505321.98 | 3634075.90 | 0.70738 | 505421.98 | 3634075.90 | 0.64471 |
| 505521.98 | 3634075.90 | 0.60785 | 505621.98 | 3634075.90 | 0.56395 |
| 505721.98 | 3634075.90 | 0.50374 | 501721.98 | 3634175.90 | 0.54194 |
| 501821.98 | 3634175.90 | 0.58793 | 501921.98 | 3634175.90 | 0.63963 |
| 502021.98 | 3634175.90 | 0.69683 | 502121.98 | 3634175.90 | 0.76569 |
| 505321.98 | 3634175.90 | 0.71737 | 505421.98 | 3634175.90 | 0.66486 |
| 505521.98 | 3634175.90 | 0.61967 | 505621.98 | 3634175.90 | 0.53668 |
| 505721.98 | 3634175.90 | 0.47271 | 501721.98 | 3634275.90 | 0.54777 |
| 501821.98 | 3634275.90 | 0.59383 | 501921.98 | 3634275.90 | 0.64637 |
| 502021.98 | 3634275.90 | 0.70639 | 502121.98 | 3634275.90 | 0.77641 |

505321.98 3634275.90 0.76511 505421.98 3634275.90 0.71014
505521.98 3634275.90 0.57876 505621.98 3634275.90 0.51698
505721.98 3634275.90 0.45798 501721.98 3634375.90 0.55326
501821.98 3634375.90 0.60087 501921.98 3634375.90 0.65355
502021.98 3634375.90 0.71493 502121.98 3634375.90 0.78796
505321.98 3634375.90 0.79582 505421.98 3634375.90 0.71302
505521.98 3634375.90 0.55554 505621.98 3634375.90 0.48383
505721.98 3634375.90 0.44042 501721.98 3634475.90 0.55665
501821.98 3634475.90 0.60474 501921.98 3634475.90 0.65940
502021.98 3634475.90 0.72297 502121.98 3634475.90 0.79548
505321.98 3634475.90 0.78083 505421.98 3634475.90 0.81757
505521.98 3634475.90 0.64508 505621.98 3634475.90 0.52705
505721.98 3634475.90 0.44519 501721.98 3634575.90 0.55763
501821.98 3634575.90 0.60519 501921.98 3634575.90 0.65977
502021.98 3634575.90 0.72323 502121.98 3634575.90 0.79704
505321.98 3634575.90 0.76606 505421.98 3634575.90 0.85917
505521.98 3634575.90 0.75154 505621.98 3634575.90 0.56733
505721.98 3634575.90 0.46997 501721.98 3634675.90 0.55683
501821.98 3634675.90 0.60448 501921.98 3634675.90 0.65851
502021.98 3634675.90 0.72116 502121.98 3634675.90 0.79164
505321.98 3634675.90 0.78295 505421.98 3634675.90 0.86765
505521.98 3634675.90 0.85127 505621.98 3634675.90 0.69920
505721.98 3634675.90 0.54132 501721.98 3634775.90 0.55332
501821.98 3634775.90 0.60022 501921.98 3634775.90 0.65273
502021.98 3634775.90 0.71406 502121.98 3634775.90 0.78418

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 0.86251 | 505621.98 | 3634775.90 | 0.76797 |
| 505721.98 | 3634775.90 | 0.65781 | 501721.98 | 3634875.90 | 0.54722 |
| 501821.98 | 3634875.90 | 0.59271 | 501921.98 | 3634875.90 | 0.64385 |
| 502021.98 | 3634875.90 | 0.70208 | 502121.98 | 3634875.90 | 0.76936 |
| 505321.98 | 3634875.90 | 0.84732 | 505421.98 | 3634875.90 | 0.92093 |
| 505521.98 | 3634875.90 | 0.84477 | 505621.98 | 3634875.90 | 0.77759 |
| 505721.98 | 3634875.90 | 0.71385 | 501721.98 | 3634975.90 | 0.53900 |
| 501821.98 | 3634975.90 | 0.58204 | 501921.98 | 3634975.90 | 0.63035 |
| 502021.98 | 3634975.90 | 0.68565 | 502121.98 | 3634975.90 | 0.74922 |
| 505321.98 | 3634975.90 | 0.87645 | 505421.98 | | |

3634975.90 0.87457
505521.98 3634975.90 0.80597 505621.98
3634975.90 0.74627
505721.98 3634975.90 0.69322 501721.98
3635075.90 0.56872
501821.98 3635075.90 0.58166 501921.98
3635075.90 0.72686
502021.98 3635075.90 0.77132 502121.98
3635075.90 0.72537
505321.98 3635075.90 0.86715 505421.98
3635075.90 0.82441
505521.98 3635075.90 0.76169 505621.98
3635075.90 0.70792
505721.98 3635075.90 0.65834 501721.98
3635175.90 0.60848
501821.98 3635175.90 0.64021 501921.98
3635175.90 0.70738
502021.98 3635175.90 0.74369 502121.98
3635175.90 0.73145
505321.98 3635175.90 0.84352 505421.98
3635175.90 0.77816
505521.98 3635175.90 0.71989 505621.98
3635175.90 0.66906
505721.98 3635175.90 0.62457 501721.98
3635275.90 0.59668
501821.98 3635275.90 0.62850 501921.98
3635275.90 0.66384
502021.98 3635275.90 0.70167 502121.98
3635275.90 0.73066
505621.98 3635275.90 0.63403 505721.98
3635275.90 0.59292
501721.98 3635375.90 0.54873 501821.98
3635375.90 0.58024
501921.98 3635375.90 0.61104 502021.98
3635375.90 0.64452
502121.98 3635375.90 0.68443 505621.98
3635375.90 0.60801
501721.98 3635475.90 0.49713 501821.98
3635475.90 0.52431
501921.98 3635475.90 0.56334 502021.98
3635475.90 0.60199
502121.98 3635475.90 0.63655 505621.98
3635475.90 0.58505
505721.98 3635475.90 0.54798 501721.98
3635575.90 0.45496
501821.98 3635575.90 0.48226 501921.98
3635575.90 0.52097
502021.98 3635575.90 0.55233 502121.98
3635575.90 0.58067
505321.98 3635575.90 0.68296 505421.98

3635575.90        0.64093
         505521.98    3635575.90        0.59894                        505621.98
3635575.90        0.56081
         505721.98    3635575.90        0.52625                        501721.98
3635675.90        0.41513
         501821.98    3635675.90        0.44655                        501921.98
3635675.90        0.47827
         502021.98    3635675.90        0.50602                        502121.98
3635675.90        0.53141
         505321.98    3635675.90        0.65086                        505421.98
3635675.90        0.60550

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3635675.90        0.57163                        505621.98
3635675.90        0.53683
         505721.98    3635675.90        0.50509                        501721.98
3635775.90        0.37920
         501821.98    3635775.90        0.41302                        501921.98
3635775.90        0.44439
         502021.98    3635775.90        0.47079                        502121.98
3635775.90        0.49844
         505321.98    3635775.90        0.62464                        505421.98
3635775.90        0.58283

505521.98 3635775.90 0.54448 505621.98 3635775.90 0.50904
505721.98 3635775.90 0.48027 501721.98 3635875.90 0.34622
501821.98 3635875.90 0.38049 501921.98 3635875.90 0.41387
502021.98 3635875.90 0.43673 502121.98 3635875.90 0.46444
505321.98 3635875.90 0.60664 505421.98 3635875.90 0.55884
505521.98 3635875.90 0.52380 505621.98 3635875.90 0.49141
505721.98 3635875.90 0.46321 501721.98 3635975.90 0.32420
501821.98 3635975.90 0.35811 501921.98 3635975.90 0.38679
502021.98 3635975.90 0.40641 502121.98 3635975.90 0.43226
505321.98 3635975.90 0.57644 505421.98 3635975.90 0.53744
505521.98 3635975.90 0.50378 505621.98 3635975.90 0.47508
505721.98 3635975.90 0.44608 501721.98 3636075.90 0.31186
501821.98 3636075.90 0.33477 501921.98 3636075.90 0.36018
502021.98 3636075.90 0.37969 502121.98 3636075.90 0.40498
502221.98 3636075.90 0.43706 502321.98 3636075.90 0.47772
502421.98 3636075.90 0.51414 502521.98 3636075.90 0.54491
502621.98 3636075.90 0.57700 502721.98 3636075.90 0.61232
502821.98 3636075.90 0.64615 502921.98 3636075.90 0.67085
503021.98 3636075.90 0.69249 503121.98 3636075.90 0.69408
503221.98 3636075.90 0.74366 503321.98 3636075.90 0.80029
503421.98 3636075.90 0.84274 503521.98 3636075.90 0.88479
503621.98 3636075.90 0.91182 503721.98 3636075.90 0.92653
503821.98 3636075.90 0.93841 503921.98 3636075.90 0.94896
504021.98 3636075.90 0.96349 504121.98 3636075.90 0.97250
504221.98 3636075.90 0.97304 504321.98 3636075.90 0.96930

```
         504421.98    3636075.90        0.93633                       504521.98
3636075.90        0.88926
         504621.98    3636075.90        0.85971                       504721.98
3636075.90        0.82341
         504821.98    3636075.90        0.75452                       504921.98
3636075.90        0.69030
         505021.98    3636075.90        0.65325                       505121.98
3636075.90        0.61530
         505221.98    3636075.90        0.58045                       505321.98
3636075.90        0.55014
         505421.98    3636075.90        0.51252                       505521.98
3636075.90        0.48704
         505621.98    3636075.90        0.45872                       505721.98
3636075.90        0.43204
         501721.98    3636175.90        0.29011                       501821.98
3636175.90        0.31225
         501921.98    3636175.90        0.33836                       502021.98
3636175.90        0.35835
         502121.98    3636175.90        0.38268                       502221.98
3636175.90        0.41502
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 401
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3636175.90        0.45358                       502421.98
```

3636175.90 0.48716
502521.98 3636175.90 0.51488 502621.98
3636175.90 0.54436
502721.98 3636175.90 0.57102 502821.98
3636175.90 0.59783
502921.98 3636175.90 0.61994 503021.98
3636175.90 0.63180
503121.98 3636175.90 0.60701 503221.98
3636175.90 0.67121
503321.98 3636175.90 0.72931 503421.98
3636175.90 0.76755
503521.98 3636175.90 0.79871 503621.98
3636175.90 0.82479
503721.98 3636175.90 0.83608 503821.98
3636175.90 0.84271
503921.98 3636175.90 0.84593 504021.98
3636175.90 0.84919
504121.98 3636175.90 0.84469 504221.98
3636175.90 0.84878
504321.98 3636175.90 0.80153 504421.98
3636175.90 0.73191
504521.98 3636175.90 0.63190 504621.98
3636175.90 0.67376
504721.98 3636175.90 0.76325 504821.98
3636175.90 0.72975
504921.98 3636175.90 0.69259 505021.98
3636175.90 0.63817
505121.98 3636175.90 0.58429 505221.98
3636175.90 0.55490
505321.98 3636175.90 0.52976 505421.98
3636175.90 0.50204
505521.98 3636175.90 0.47018 505621.98
3636175.90 0.44436
505721.98 3636175.90 0.41954 501721.98
3636275.90 0.27692
501821.98 3636275.90 0.29628 501921.98
3636275.90 0.31983
502021.98 3636275.90 0.34399 502121.98
3636275.90 0.37258
502221.98 3636275.90 0.40335 502321.98
3636275.90 0.43362
502421.98 3636275.90 0.46175 502521.98
3636275.90 0.48821
502621.98 3636275.90 0.50953 502721.98
3636275.90 0.53211
502821.98 3636275.90 0.55259 502921.98
3636275.90 0.56854
503021.98 3636275.90 0.58734 503121.98
3636275.90 0.58893
503221.98 3636275.90 0.59845 503321.98

3636275.90        0.63825
         503421.98    3636275.90        0.68377                        503521.98
3636275.90        0.71680
         503621.98    3636275.90        0.73888                        503721.98
3636275.90        0.75030
         503821.98    3636275.90        0.75548                        503921.98
3636275.90        0.75433
         504021.98    3636275.90        0.74291                        504121.98
3636275.90        0.71817
         504221.98    3636275.90        0.65312                        504321.98
3636275.90        0.53770
         504421.98    3636275.90        0.51719                        504521.98
3636275.90        0.49473
         504621.98    3636275.90        0.52828                        504721.98
3636275.90        0.59199
         504821.98    3636275.90        0.53613                        504921.98
3636275.90        0.62574
         505021.98    3636275.90        0.60733                        505121.98
3636275.90        0.55629
         505221.98    3636275.90        0.52952                        505321.98
3636275.90        0.50957
         505421.98    3636275.90        0.48585                        505521.98
3636275.90        0.45584
         505621.98    3636275.90        0.43173                        505721.98
3636275.90        0.40937
         501721.98    3636375.90        0.26381                        501821.98
3636375.90        0.28352
         501921.98    3636375.90        0.30883                        502021.98
3636375.90        0.33070

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 0.35763 | 502221.98 | 3636375.90 | 0.38356 |
| 502321.98 | 3636375.90 | 0.40854 | 502421.98 | 3636375.90 | 0.43683 |
| 502521.98 | 3636375.90 | 0.46033 | 502621.98 | 3636375.90 | 0.48257 |
| 502721.98 | 3636375.90 | 0.49604 | 502821.98 | 3636375.90 | 0.50669 |
| 502921.98 | 3636375.90 | 0.51597 | 503021.98 | 3636375.90 | 0.52541 |
| 503121.98 | 3636375.90 | 0.52621 | 503221.98 | 3636375.90 | 0.52667 |
| 503321.98 | 3636375.90 | 0.55531 | 503421.98 | 3636375.90 | 0.61252 |
| 503521.98 | 3636375.90 | 0.63929 | 503621.98 | 3636375.90 | 0.65589 |
| 503721.98 | 3636375.90 | 0.67106 | 503821.98 | 3636375.90 | 0.67904 |
| 503921.98 | 3636375.90 | 0.65718 | 504021.98 | 3636375.90 | 0.64105 |
| 504121.98 | 3636375.90 | 0.60154 | 504221.98 | 3636375.90 | 0.52877 |
| 504321.98 | 3636375.90 | 0.47417 | 504421.98 | 3636375.90 | 0.45484 |
| 504521.98 | 3636375.90 | 0.44773 | 504621.98 | 3636375.90 | 0.46200 |
| 504721.98 | 3636375.90 | 0.48686 | 504821.98 | 3636375.90 | 0.44701 |
| 504921.98 | 3636375.90 | 0.44239 | 505021.98 | 3636375.90 | 0.55567 |
| 505121.98 | 3636375.90 | 0.54355 | 505221.98 | 3636375.90 | 0.51544 |
| 505321.98 | 3636375.90 | 0.49111 | 505421.98 | 3636375.90 | 0.46596 |
| 505521.98 | 3636375.90 | 0.44320 | 505621.98 | 3636375.90 | 0.42038 |
| 505721.98 | 3636375.90 | 0.39904 | 501721.98 | 3636475.90 | 0.24623 |
| 501821.98 | 3636475.90 | 0.26630 | 501921.98 | 3636475.90 | 0.29595 |
| 502021.98 | 3636475.90 | 0.31434 | 502121.98 | 3636475.90 | 0.33632 |

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         502221.98    3636475.90        0.36264                        502321.98
3636475.90        0.39006
         502421.98    3636475.90        0.41551                        502521.98
3636475.90        0.43455
         502621.98    3636475.90        0.45212                        502721.98
3636475.90        0.46288
         502821.98    3636475.90        0.46199                        502921.98
3636475.90        0.46880
         503021.98    3636475.90        0.47004                        503121.98
3636475.90        0.46576
         503221.98    3636475.90        0.46570                        503321.98
3636475.90        0.49807
         503421.98    3636475.90        0.53687                        503521.98
3636475.90        0.56670
         503621.98    3636475.90        0.58232                        503721.98
3636475.90        0.59974
         503821.98    3636475.90        0.59163                        503921.98
3636475.90        0.57175
         504021.98    3636475.90        0.47519                        504121.98
3636475.90        0.48853
         504221.98    3636475.90        0.48489                        504321.98
3636475.90        0.42951
         504421.98    3636475.90        0.41479                        504521.98
3636475.90        0.40873
         504621.98    3636475.90        0.40504                        504721.98
3636475.90        0.40170
         504821.98    3636475.90        0.39447                        504921.98
3636475.90        0.41221
         505021.98    3636475.90        0.50483                        505121.98
3636475.90        0.52217
         505221.98    3636475.90        0.49477                        505321.98
3636475.90        0.47120
         505421.98    3636475.90        0.44674                        505521.98
3636475.90        0.42644
         505621.98    3636475.90        0.40712                        505721.98
3636475.90        0.38722
```



```
                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
```

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                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633475.90        0.43440                      502771.98
3633475.90        0.44844
         502821.98    3633475.90        0.46302                      502871.98
3633475.90        0.47844
         502921.98    3633475.90        0.49481                      502971.98
3633475.90        0.51150
         503021.98    3633475.90        0.52888                      503071.98
3633475.90        0.54729
         503121.98    3633475.90        0.56619                      503171.98
3633475.90        0.58565
         503221.98    3633475.90        0.60730                      503271.98
3633475.90        0.62902
         503321.98    3633475.90        0.61105                      503371.98
3633475.90        0.44076
         503421.98    3633475.90        0.44968                      503471.98
3633475.90        0.46375
         503521.98    3633475.90        0.48904                      503621.98
3633475.90        0.49661
         503671.98    3633475.90        0.44815                      503721.98
3633475.90        0.41718
         503771.98    3633475.90        0.42485                      503821.98
3633475.90        0.40918
         503871.98    3633475.90        0.41290                      503921.98
3633475.90        0.44896
         503971.98    3633475.90        0.45755                      504021.98
3633475.90        0.44148
         504071.98    3633475.90        0.45525                      504121.98
3633475.90        0.48442
         504171.98    3633475.90        0.47309                      504221.98
3633475.90        0.49468
         504271.98    3633475.90        0.52423                      504321.98
3633475.90        0.53362
         504371.98    3633475.90        0.48506                      504421.98
3633475.90        0.44858
         504471.98    3633475.90        0.42651                      504521.98
```

```
3633475.90        0.42041
         504571.98    3633475.90        0.43648                        504621.98
3633475.90        0.46006
         504671.98    3633475.90        0.47407                        504721.98
3633475.90        0.49780
         502721.98    3633525.90        0.44360                        502771.98
3633525.90        0.45829
         502821.98    3633525.90        0.47376                        502871.98
3633525.90        0.49023
         502921.98    3633525.90        0.50745                        502971.98
3633525.90        0.52521
         503021.98    3633525.90        0.54391                        503071.98
3633525.90        0.56344
         503121.98    3633525.90        0.58351                        503171.98
3633525.90        0.60507
         503221.98    3633525.90        0.62802                        503271.98
3633525.90        0.65241
         503321.98    3633525.90        0.67706                        503371.98
3633525.90        0.59861
         503421.98    3633525.90        0.57662                        503471.98
3633525.90        0.57828
         503521.98    3633525.90        0.55813                        503621.98
3633525.90        0.60972
         503671.98    3633525.90        0.56154                        503721.98
3633525.90        0.56130
         503771.98    3633525.90        0.51084                        503821.98
3633525.90        0.46857
         503871.98    3633525.90        0.49029                        503921.98
3633525.90        0.53309
         503971.98    3633525.90        0.52357                        504021.98
3633525.90        0.49945
         504071.98    3633525.90        0.51880                        504121.98
3633525.90        0.55833
         504171.98    3633525.90        0.57209                        504221.98
3633525.90        0.59097
         504271.98    3633525.90        0.58542                        504321.98
3633525.90        0.51067
         504371.98    3633525.90        0.48309                        504421.98
3633525.90        0.45987
         504471.98    3633525.90        0.44918                        504521.98
3633525.90        0.46721
         504571.98    3633525.90        0.49756                        504621.98
3633525.90        0.52264
         504671.98    3633525.90        0.53043                        504721.98
3633525.90        0.53253
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 0.45277 | 502771.98 | 3633575.90 | 0.46821 |
| 502821.98 | 3633575.90 | 0.48470 | 502871.98 | 3633575.90 | 0.50213 |
| 502921.98 | 3633575.90 | 0.52015 | 502971.98 | 3633575.90 | 0.53921 |
| 503021.98 | 3633575.90 | 0.55948 | 503071.98 | 3633575.90 | 0.58040 |
| 503121.98 | 3633575.90 | 0.60198 | 503171.98 | 3633575.90 | 0.62526 |
| 503221.98 | 3633575.90 | 0.65019 | 503271.98 | 3633575.90 | 0.67643 |
| 503321.98 | 3633575.90 | 0.70385 | 503371.98 | 3633575.90 | 0.73184 |
| 503421.98 | 3633575.90 | 0.71009 | 503471.98 | 3633575.90 | 0.70158 |
| 503521.98 | 3633575.90 | 0.74031 | 503621.98 | 3633575.90 | 0.64961 |
| 503671.98 | 3633575.90 | 0.66046 | 503721.98 | 3633575.90 | 0.67718 |
| 503771.98 | 3633575.90 | 0.61228 | 503821.98 | 3633575.90 | 0.57703 |
| 503871.98 | 3633575.90 | 0.61814 | 503921.98 | 3633575.90 | 0.63184 |
| 503971.98 | 3633575.90 | 0.60659 | 504021.98 | 3633575.90 | 0.60945 |

504071.98 3633575.90 0.60632 504121.98
3633575.90 0.64126
504171.98 3633575.90 0.66289 504221.98
3633575.90 0.69095
504271.98 3633575.90 0.61473 504321.98
3633575.90 0.53566
504371.98 3633575.90 0.50994 504421.98
3633575.90 0.48307
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504571.98 3633575.90 0.57158 504621.98
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3633575.90 0.56862
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3633625.90 0.51376
502921.98 3633625.90 0.53294 502971.98
3633625.90 0.55343
503021.98 3633625.90 0.57513 503071.98
3633625.90 0.59735
503121.98 3633625.90 0.62086 503171.98
3633625.90 0.64615
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3633625.90 0.74371
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3633625.90 0.75117
503771.98 3633625.90 0.66598 503821.98
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3633625.90 0.68722
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3633625.90 0.76227
504271.98 3633625.90 0.69416 504321.98
3633625.90 0.62993
504371.98 3633625.90 0.57074 504421.98
3633625.90 0.54255
504471.98 3633625.90 0.54556 504521.98
3633625.90 0.60963

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633675.90        0.47170                      502771.98
3633675.90        0.48867
         502821.98    3633675.90        0.50661                      502871.98
3633675.90        0.52570
         502921.98    3633675.90        0.54631                      502971.98
3633675.90        0.56795
         503021.98    3633675.90        0.59089                      503071.98
3633675.90        0.61475
         503121.98    3633675.90        0.64030                      503171.98
3633675.90        0.66752
         503221.98    3633675.90        0.69659                      503271.98
3633675.90        0.72775
         503321.98    3633675.90        0.76093                      503371.98
3633675.90        0.79548
         503421.98    3633675.90        0.83205                      503471.98
3633675.90        0.87036
         503521.98    3633675.90        0.91048                      503571.98

3633675.90 0.78946
503671.98 3633675.90 0.77676 503721.98
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503771.98 3633675.90 0.80499 503821.98
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3633675.90 0.78706
503971.98 3633675.90 0.78276 504021.98
3633675.90 0.77725
504071.98 3633675.90 0.79752 504121.98
3633675.90 0.84008
504171.98 3633675.90 0.87410 504221.98
3633675.90 0.87801
504271.98 3633675.90 0.81531 504321.98
3633675.90 0.72240
504371.98 3633675.90 0.64672 504421.98
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3633675.90 0.69770
504571.98 3633675.90 0.69467 504621.98
3633675.90 0.69629
504671.98 3633675.90 0.69594 504721.98
3633675.90 0.69708
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3633725.90 0.49900
502821.98 3633725.90 0.51775 502871.98
3633725.90 0.53801
502921.98 3633725.90 0.56004 502971.98
3633725.90 0.58281
503021.98 3633725.90 0.60647 503071.98
3633725.90 0.63253
503121.98 3633725.90 0.66001 503171.98
3633725.90 0.68937
503221.98 3633725.90 0.72093 503271.98
3633725.90 0.75438
503321.98 3633725.90 0.79024 503371.98
3633725.90 0.82829
503421.98 3633725.90 0.86885 503471.98
3633725.90 0.91344
503521.98 3633725.90 0.95897 503571.98
3633725.90 1.00657
503721.98 3633725.90 0.95094 503771.98
3633725.90 0.90739
503821.98 3633725.90 0.91193 503871.98
3633725.90 0.88541
503921.98 3633725.90 0.89042 503971.98
3633725.90 0.86651
504021.98 3633725.90 0.87225 504071.98
3633725.90 0.90269
504121.98 3633725.90 0.98006 504171.98

3633725.90        0.99522
         504221.98    3633725.90        0.98217                        504271.98
3633725.90        0.98816
         504321.98    3633725.90        0.84922                        504371.98
3633725.90        0.76469
         504421.98    3633725.90        0.74581                        504471.98
3633725.90        0.77563
         504521.98    3633725.90        0.78391                        504571.98
3633725.90        0.77529
         504621.98    3633725.90        0.81186                        504671.98
3633725.90        0.80066
         504721.98    3633725.90        0.77822                        502721.98
3633775.90        0.49036

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN   ***
                                    INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                                       L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                                       L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                                       L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                     **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503171.98 3633775.90 0.71163 503221.98 3633775.90 0.74556
503271.98 3633775.90 0.78220 503321.98 3633775.90 0.82137
503371.98 3633775.90 0.86335 503421.98 3633775.90 0.90854
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503821.98 3633775.90 1.02995 503871.98 3633775.90 1.03807
503921.98 3633775.90 0.98996 503971.98 3633775.90 0.96742
504021.98 3633775.90 0.98966 504071.98 3633775.90 1.14480
504121.98 3633775.90 1.16116 504171.98 3633775.90 1.18206
504221.98 3633775.90 1.15577 504271.98 3633775.90 1.10791
504321.98 3633775.90 0.98884 504371.98 3633775.90 0.92782
504421.98 3633775.90 0.91394 504471.98 3633775.90 0.88046
504521.98 3633775.90 0.93231 504571.98 3633775.90 0.98584
504621.98 3633775.90 0.96344 504671.98 3633775.90 0.92849
504721.98 3633775.90 0.89825 502721.98 3633825.90 0.49961
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503071.98 3633825.90 0.66879 503121.98 3633825.90 0.70030
503171.98 3633825.90 0.73445 503221.98 3633825.90 0.77126
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504221.98 3633825.90 1.38056 504271.98 3633825.90 1.33589

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         504321.98    3633825.90        1.28527                        504371.98
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         504421.98    3633825.90        1.14121                        504471.98
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         504521.98    3633825.90        1.12559                        504571.98
3633825.90        1.16020
         504621.98    3633825.90        1.10699                        504671.98
3633825.90        1.06003
         504721.98    3633825.90        1.04769                        502721.98
3633875.90        0.50854
         502771.98    3633875.90        0.52903                        502821.98
3633875.90        0.55086
         502871.98    3633875.90        0.57413                        502921.98
3633875.90        0.60011
         502971.98    3633875.90        0.62697                        503021.98
3633875.90        0.65590
         503071.98    3633875.90        0.68729                        503121.98
3633875.90        0.72066
         503171.98    3633875.90        0.75724                        503221.98
3633875.90        0.79700
         503271.98    3633875.90        0.84024                        503821.98
3633875.90        1.42568
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 407
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | |
|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 1.34470 | 503921.98 | 3633875.90 | 1.34130 |
| 503971.98 | 3633875.90 | 1.56804 | 504021.98 | 3633875.90 | 1.59947 |
| 504071.98 | 3633875.90 | 1.55835 | 504121.98 | 3633875.90 | 1.66311 |
| 504171.98 | 3633875.90 | 1.63707 | 504221.98 | 3633875.90 | 1.60758 |
| 504271.98 | 3633875.90 | 1.55249 | 504321.98 | 3633875.90 | 1.45231 |
| 504371.98 | 3633875.90 | 1.40141 | 504421.98 | 3633875.90 | 1.33453 |
| 504471.98 | 3633875.90 | 1.32261 | 504521.98 | 3633875.90 | 1.36519 |
| 504571.98 | 3633875.90 | 1.35401 | 504621.98 | 3633875.90 | 1.30145 |
| 504671.98 | 3633875.90 | 1.17137 | 504721.98 | 3633875.90 | 1.16815 |
| 502721.98 | 3633925.90 | 0.51721 | 502771.98 | 3633925.90 | 0.53841 |
| 502821.98 | 3633925.90 | 0.56123 | 502871.98 | 3633925.90 | 0.58598 |
| 502921.98 | 3633925.90 | 0.61289 | 502971.98 | 3633925.90 | 0.64093 |
| 503021.98 | 3633925.90 | 0.67164 | 503071.98 | 3633925.90 | 0.70507 |
| 503121.98 | 3633925.90 | 0.74096 | 503171.98 | 3633925.90 | 0.77991 |
| 503221.98 | 3633925.90 | 0.82228 | 503271.98 | 3633925.90 | 0.86904 |
| 503821.98 | 3633925.90 | 1.66471 | 503871.98 | 3633925.90 | 1.66948 |
| 503921.98 | 3633925.90 | 1.76790 | 503971.98 | 3633925.90 | 2.02153 |
| 504021.98 | 3633925.90 | 1.95302 | 504071.98 | 3633925.90 | 2.00039 |
| 504121.98 | 3633925.90 | 1.96564 | 504171.98 | 3633925.90 | 1.98404 |
| 504221.98 | 3633925.90 | 1.96042 | 504271.98 | 3633925.90 | 1.86976 |
| 504321.98 | 3633925.90 | 1.82231 | 504371.98 | 3633925.90 | 1.71237 |
| 504421.98 | 3633925.90 | 1.68318 | 504471.98 | 3633925.90 | 1.62978 |
| 504521.98 | 3633925.90 | 1.56570 | 504571.98 | 3633925.90 | 1.45033 |
| 504621.98 | 3633925.90 | 1.37153 | 504671.98 | 3633925.90 | 1.31971 |
| 504721.98 | 3633925.90 | 1.27253 | 502721.98 | | |

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3633975.90        0.52570
         502771.98    3633975.90        0.54756                        502821.98
3633975.90        0.57106
         502871.98    3633975.90        0.59721                        502921.98
3633975.90        0.62519
         502971.98    3633975.90        0.65461                        503021.98
3633975.90        0.68698
         503071.98    3633975.90        0.72210                        503121.98
3633975.90        0.76039
         503171.98    3633975.90        0.80204                        503221.98
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3633975.90        2.38400
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         504071.98    3633975.90        2.43024                        504121.98
3633975.90        2.47610
         504171.98    3633975.90        2.43659                        504221.98
3633975.90        2.28131
         504271.98    3633975.90        2.19441                        504321.98
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         504371.98    3633975.90        2.01744                        504421.98
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3633975.90        1.59996
         504571.98    3633975.90        1.53155                        504621.98
3633975.90        1.46491
         504671.98    3633975.90        1.38541                        504721.98
3633975.90        1.28787
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                                      L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                                      L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                                      L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 0.53449 | 502771.98 | 3634025.90 | 0.55743 |
| 502821.98 | 3634025.90 | 0.58161 | 502871.98 | 3634025.90 | 0.60802 |
| 502921.98 | 3634025.90 | 0.63652 | 502971.98 | 3634025.90 | 0.66774 |
| 503021.98 | 3634025.90 | 0.70210 | 503071.98 | 3634025.90 | 0.73862 |
| 503121.98 | 3634025.90 | 0.77901 | 503171.98 | 3634025.90 | 0.82344 |
| 503221.98 | 3634025.90 | 0.87221 | 503271.98 | 3634025.90 | 0.92609 |
| 503871.98 | 3634025.90 | 2.56786 | 503921.98 | 3634025.90 | 2.81273 |
| 503971.98 | 3634025.90 | 3.01021 | 504021.98 | 3634025.90 | 3.15441 |
| 504071.98 | 3634025.90 | 3.22185 | 504121.98 | 3634025.90 | 3.20094 |
| 504171.98 | 3634025.90 | 2.85488 | 504221.98 | 3634025.90 | 2.75206 |
| 504271.98 | 3634025.90 | 2.61009 | 504321.98 | 3634025.90 | 2.52599 |
| 504371.98 | 3634025.90 | 2.33963 | 504421.98 | 3634025.90 | 2.01704 |
| 504471.98 | 3634025.90 | 1.84918 | 504521.98 | 3634025.90 | 1.75147 |
| 504571.98 | 3634025.90 | 1.64152 | 504621.98 | 3634025.90 | 1.49720 |
| 504671.98 | 3634025.90 | 1.39719 | 504721.98 | 3634025.90 | 1.31179 |
| 502721.98 | 3634075.90 | 0.54253 | 502771.98 | 3634075.90 | 0.56532 |
| 502821.98 | 3634075.90 | 0.59057 | 502871.98 | 3634075.90 | 0.61835 |
| 502921.98 | 3634075.90 | 0.64806 | 502971.98 | 3634075.90 | 0.68028 |
| 503021.98 | 3634075.90 | 0.71604 | 503071.98 | 3634075.90 | 0.75469 |
| 503121.98 | 3634075.90 | 0.79705 | 503171.98 | 3634075.90 | 0.84390 |

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3634075.90        3.43640
         503971.98    3634075.90        3.77174                      504021.98
3634075.90        3.96370
         504071.98    3634075.90        4.02998                      504121.98
3634075.90        3.98616
         504171.98    3634075.90        3.59254                      504221.98
3634075.90        3.42003
         504271.98    3634075.90        3.26180                      504321.98
3634075.90        2.95591
         504371.98    3634075.90        2.52267                      504421.98
3634075.90        2.25716
         504471.98    3634075.90        2.02578                      504521.98
3634075.90        1.81281
         504571.98    3634075.90        1.64115                      504621.98
3634075.90        1.46115
         504671.98    3634075.90        1.39347                      504721.98
3634075.90        1.36196
         502721.98    3634125.90        0.55000                      502771.98
3634125.90        0.57317
         502821.98    3634125.90        0.59931                      502871.98
3634125.90        0.62811
         502921.98    3634125.90        0.65863                      502971.98
3634125.90        0.69210
         503021.98    3634125.90        0.72925                      503071.98
3634125.90        0.76948
         503121.98    3634125.90        0.81397                      503171.98
3634125.90        0.86332
         503221.98    3634125.90        0.91710                      503271.98
3634125.90        0.97863
         503921.98    3634125.90        4.42586                      503971.98
3634125.90        5.09050
         504021.98    3634125.90        5.40779                      504071.98
3634125.90        5.36578
         504121.98    3634125.90        5.18435                      504171.98
3634125.90        4.89330
         504221.98    3634125.90        4.43361                      504271.98
3634125.90        4.01390
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 409
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
```

INCLUDING SOURCE(S): L0000995 , L0000996
, L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004
, L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012
, L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020
, L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 3.51395 | 504371.98 | 3634125.90 | 3.02220 |
| 504421.98 | 3634125.90 | 2.54847 | 504471.98 | 3634125.90 | 2.08427 |
| 504521.98 | 3634125.90 | 1.88076 | 504571.98 | 3634125.90 | 1.67610 |
| 504621.98 | 3634125.90 | 1.52757 | 504671.98 | 3634125.90 | 1.48715 |
| 504721.98 | 3634125.90 | 1.42244 | 502721.98 | 3634175.90 | 0.55577 |
| 502771.98 | 3634175.90 | 0.58051 | 502821.98 | 3634175.90 | 0.60764 |
| 502871.98 | 3634175.90 | 0.63718 | 502921.98 | 3634175.90 | 0.66859 |
| 502971.98 | 3634175.90 | 0.70315 | 503021.98 | 3634175.90 | 0.74164 |
| 503071.98 | 3634175.90 | 0.78320 | 503121.98 | 3634175.90 | 0.82928 |
| 503171.98 | 3634175.90 | 0.88012 | 503221.98 | 3634175.90 | 0.93620 |
| 503271.98 | 3634175.90 | 1.00047 | 503971.98 | 3634175.90 | 8.13596 |
| 504021.98 | 3634175.90 | 8.53295 | 504071.98 | 3634175.90 | 7.91092 |
| 504121.98 | 3634175.90 | 7.08072 | 504171.98 | 3634175.90 | 6.37820 |
| 504221.98 | 3634175.90 | 5.73723 | 504271.98 | 3634175.90 | 5.10599 |
| 504321.98 | 3634175.90 | 4.47605 | 504371.98 | 3634175.90 | 3.11854 |
| 504421.98 | 3634175.90 | 2.32808 | 504471.98 | | |

```
3634175.90        2.14696
         504521.98    3634175.90        1.97644                        504571.98
3634175.90        1.71510
         504621.98    3634175.90        1.56735                        504671.98
3634175.90        1.48835
         504721.98    3634175.90        1.38873                        502721.98
3634225.90        0.56193
         502771.98    3634225.90        0.58775                        502821.98
3634225.90        0.61575
         502871.98    3634225.90        0.64583                        502921.98
3634225.90        0.67789
         502971.98    3634225.90        0.71339                        503021.98
3634225.90        0.75293
         503071.98    3634225.90        0.79587                        503121.98
3634225.90        0.84339
         503171.98    3634225.90        0.89596                        503221.98
3634225.90        0.95492
         503271.98    3634225.90        1.02203                        504071.98
3634225.90       12.88648
         504121.98    3634225.90       10.16169                        504171.98
3634225.90        8.44109
         504221.98    3634225.90        7.28029                        504271.98
3634225.90        6.25350
         504321.98    3634225.90        5.36328                        504371.98
3634225.90        3.36835
         504421.98    3634225.90        2.52530                        504471.98
3634225.90        2.33467
         504521.98    3634225.90        2.13530                        504571.98
3634225.90        1.88132
         504621.98    3634225.90        1.69053                        504671.98
3634225.90        1.55207
         504721.98    3634225.90        1.44345                        502721.98
3634275.90        0.56799
         502771.98    3634275.90        0.59392                        502821.98
3634275.90        0.62259
         502871.98    3634275.90        0.65433                        502921.98
3634275.90        0.68674
         502971.98    3634275.90        0.72258                        503021.98
3634275.90        0.76338
         503071.98    3634275.90        0.80743                        503121.98
3634275.90        0.85617
         503171.98    3634275.90        0.91073                        503221.98
3634275.90        0.97180
         503271.98    3634275.90        1.04170                        504121.98
3634275.90       15.36043
         504171.98    3634275.90       11.59059                        504221.98
3634275.90        8.94092
         504271.98    3634275.90        7.57126                        504321.98
3634275.90        6.15092
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN   ***
                                INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - -

504321.98 3634325.90 7.67899 504371.98
3634325.90 5.74344
504421.98 3634325.90 3.84452 504471.98
3634325.90 3.08785
504521.98 3634325.90 2.56578 504571.98
3634325.90 2.21583
504621.98 3634325.90 1.98438 504671.98
3634325.90 1.82231
504721.98 3634325.90 1.71288 502721.98
3634375.90 0.57408
502771.98 3634375.90 0.60159 502821.98
3634375.90 0.63047
503021.98 3634375.90 0.77905 503071.98
3634375.90 0.82647
503121.98 3634375.90 0.87732 503171.98
3634375.90 0.93380
503221.98 3634375.90 0.99815 503271.98
3634375.90 1.07117
504221.98 3634375.90 17.25063 504271.98
3634375.90 12.72097
504321.98 3634375.90 10.31478 504371.98
3634375.90 6.45467
504421.98 3634375.90 3.98111 504471.98
3634375.90 3.18350
504521.98 3634375.90 2.74771 504571.98
3634375.90 2.44151
504621.98 3634375.90 2.21339 504671.98
3634375.90 2.03409
504721.98 3634375.90 1.89211 502721.98
3634425.90 0.57919
502771.98 3634425.90 0.60619 502821.98
3634425.90 0.63538
504271.98 3634425.90 18.54063 504321.98
3634425.90 13.59279
504371.98 3634425.90 8.58753 504421.98
3634425.90 5.01029
504471.98 3634425.90 3.76834 504521.98
3634425.90 3.17958
504571.98 3634425.90 2.84516 504621.98
3634425.90 2.58651
504671.98 3634425.90 2.34277 504721.98
3634425.90 2.13047
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3634475.90 0.61334
502821.98 3634475.90 0.64339 504321.98
3634475.90 19.37018
504371.98 3634475.90 13.97935 504421.98
3634475.90 9.02274
504471.98 3634475.90 5.39621 504521.98
3634475.90 4.24722

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504471.98    3634525.90       10.81893                       504521.98
3634525.90        7.90729
         504571.98    3634525.90        6.19320                       504621.98
3634525.90        4.78675
         504671.98    3634525.90        3.59654                       504721.98
3634525.90        2.96921
         502721.98    3634575.90        0.59097                       502771.98
3634575.90        0.61884
         504421.98    3634575.90       20.59828                       504471.98
3634575.90       15.02004
         504521.98    3634575.90       11.81892                       504571.98
3634575.90        9.45909
         504621.98    3634575.90        7.07015                       504671.98

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3634575.90        5.05634
         504721.98    3634575.90        3.93597                    502721.98
3634625.90        0.59226
         502771.98    3634625.90        0.61984                    502821.98
3634625.90        0.65042
         502871.98    3634625.90        0.68284                    502921.98
3634625.90        0.71789
         502971.98    3634625.90        0.75642                    503021.98
3634625.90        0.79867
         503071.98    3634625.90        0.84508                    503121.98
3634625.90        0.89597
         504471.98    3634625.90       21.25728                    504521.98
3634625.90       15.35913
         504571.98    3634625.90       12.03225                    504621.98
3634625.90        9.85994
         504671.98    3634625.90        8.38138                    504721.98
3634625.90        6.21478
         502721.98    3634675.90        0.59296                    502771.98
3634675.90        0.62062
         502821.98    3634675.90        0.65089                    502871.98
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         502921.98    3634675.90        0.71802                    502971.98
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         503021.98    3634675.90        0.79772                    503071.98
3634675.90        0.84312
         503121.98    3634675.90        0.89424                    503171.98
3634675.90        0.95132
         503221.98    3634675.90        1.01308                    503271.98
3634675.90        1.07865
         503321.98    3634675.90        1.15575                    503371.98
3634675.90        1.24312
         503421.98    3634675.90        1.34213                    503471.98
3634675.90        1.45846
         503521.98    3634675.90        1.57846                    504521.98
3634675.90       21.69842
         504571.98    3634675.90       15.57639                    504621.98
3634675.90       12.13725
         504671.98    3634675.90        9.94147                    504721.98
3634675.90        8.42862
         502721.98    3634725.90        0.59287                    502771.98
3634725.90        0.62029
         502821.98    3634725.90        0.64991                    502871.98
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         503021.98    3634725.90        0.79541                    503071.98
3634725.90        0.83990
         503121.98    3634725.90        0.88986                    503171.98
3634725.90        0.94515
         503221.98    3634725.90        1.00480                    503271.98
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3634725.90        1.07038
         503321.98    3634725.90        1.14547                        503371.98
3634725.90        1.22990
         503421.98    3634725.90        1.32501                        503471.98
3634725.90        1.43470
         503521.98    3634725.90        1.55625                        503571.98
3634725.90        1.68972
         503621.98    3634725.90        1.84004                        504571.98
3634725.90       21.98655
         504621.98    3634725.90       15.61006                        504671.98
3634725.90       12.07441
         504721.98    3634725.90        9.88323                        502721.98
3634775.90        0.59203
         502771.98    3634775.90        0.61892                        502821.98
3634775.90        0.64838
         502871.98    3634775.90        0.68036                        502921.98
3634775.90        0.71445

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502971.98    3634775.90        0.75107                        503021.98
3634775.90        0.79171
         503071.98    3634775.90        0.83558                        503121.98
3634775.90        0.88379

503171.98 3634775.90 0.93721 503221.98
3634775.90 0.99474
503271.98 3634775.90 1.05909 503321.98
3634775.90 1.13103
503371.98 3634775.90 1.21138 503421.98
3634775.90 1.30241
503471.98 3634775.90 1.40668 503521.98
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3634775.90 1.79544
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3634775.90 2.15216
503771.98 3634775.90 2.36477 503821.98
3634775.90 2.59512
504621.98 3634775.90 21.52397 504671.98
3634775.90 15.23215
504721.98 3634775.90 11.85094 502721.98
3634825.90 0.59025
502771.98 3634825.90 0.61730 502821.98
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3634825.90 0.71101
502971.98 3634825.90 0.74716 503021.98
3634825.90 0.78679
503071.98 3634825.90 0.82921 503121.98
3634825.90 0.87655
503171.98 3634825.90 0.92727 503221.98
3634825.90 0.98370
503271.98 3634825.90 1.04615 503321.98
3634825.90 1.11589
503371.98 3634825.90 1.19491 503421.98
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503471.98 3634825.90 1.37814 503521.98
3634825.90 1.48526
503571.98 3634825.90 1.60437 503621.98
3634825.90 1.74053
503671.98 3634825.90 1.89364 503721.98
3634825.90 2.06598
503771.98 3634825.90 2.26050 503821.98
3634825.90 2.48178
503871.98 3634825.90 2.73377 503921.98
3634825.90 3.02072
504671.98 3634825.90 20.42846 504721.98
3634825.90 14.70273
502721.98 3634875.90 0.58771 502771.98
3634875.90 0.61423
502821.98 3634875.90 0.64260 502871.98
3634875.90 0.67279
502921.98 3634875.90 0.70621 502971.98
3634875.90 0.74182

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         503021.98    3634875.90        0.78054                       503071.98
3634875.90        0.82233
         503121.98    3634875.90        0.86813                       503171.98
3634875.90        0.91677
         503221.98    3634875.90        0.97186                       503271.98
3634875.90        1.03378
         503321.98    3634875.90        1.10127                       503371.98
3634875.90        1.17482
         503421.98    3634875.90        1.25670                       503471.98
3634875.90        1.34781
         503521.98    3634875.90        1.44835                       503571.98
3634875.90        1.56044
         503621.98    3634875.90        1.68543                       503671.98
3634875.90        1.82550
         503721.98    3634875.90        1.98240                       503771.98
3634875.90        2.15825
         503821.98    3634875.90        2.35601                       503871.98
3634875.90        2.57899
         503921.98    3634875.90        2.82899                       504721.98
3634875.90       19.18482
         502721.98    3634925.90        0.58464                       502771.98
3634925.90        0.61046
         502821.98    3634925.90        0.63841                       502871.98
3634925.90        0.66797
         502921.98    3634925.90        0.70054                       502971.98
3634925.90        0.73541
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 0.77311 | 503071.98 | 3634925.90 | 0.81390 |
| 503121.98 | 3634925.90 | 0.85840 | 503171.98 | 3634925.90 | 0.90674 |
| 503221.98 | 3634925.90 | 0.96007 | 503271.98 | 3634925.90 | 1.01854 |
| 503321.98 | 3634925.90 | 1.08260 | 503371.98 | 3634925.90 | 1.15301 |
| 503421.98 | 3634925.90 | 1.23066 | 503471.98 | 3634925.90 | 1.31614 |
| 503521.98 | 3634925.90 | 1.41046 | 503571.98 | 3634925.90 | 1.51478 |
| 503621.98 | 3634925.90 | 1.63038 | 503671.98 | 3634925.90 | 1.75908 |
| 503721.98 | 3634925.90 | 1.90214 | 503771.98 | 3634925.90 | 2.06089 |
| 503821.98 | 3634925.90 | 2.23715 | 503871.98 | 3634925.90 | 2.42931 |
| 502721.98 | 3634975.90 | 0.58103 | 502771.98 | 3634975.90 | 0.60616 |
| 502821.98 | 3634975.90 | 0.63345 | 502871.98 | 3634975.90 | 0.66288 |
| 502921.98 | 3634975.90 | 0.69482 | 502971.98 | 3634975.90 | 0.72779 |
| 503021.98 | 3634975.90 | 0.76460 | 503071.98 | 3634975.90 | 0.80456 |
| 503121.98 | 3634975.90 | 0.84787 | 503171.98 | 3634975.90 | 0.89311 |
| 503221.98 | 3634975.90 | 0.94384 | 503271.98 | 3634975.90 | 1.00015 |
| 503321.98 | 3634975.90 | 1.06117 | 503371.98 | 3634975.90 | 1.12837 |
| 503421.98 | 3634975.90 | 1.20341 | 503471.98 | 3634975.90 | 1.28359 |
| 503521.98 | 3634975.90 | 1.37227 | 503571.98 | 3634975.90 | 1.46938 |
| 503621.98 | 3634975.90 | 1.57631 | 503671.98 | 3634975.90 | 1.69477 |
| 503721.98 | 3634975.90 | 1.82559 | 503771.98 | 3634975.90 | 2.01524 |
| 503821.98 | 3634975.90 | 2.17064 | 503871.98 | 3634975.90 | 2.26885 |
| 502721.98 | 3635025.90 | 0.57691 | 502771.98 | 3635025.90 | 0.60195 |
| 502821.98 | 3635025.90 | 0.62859 | 502871.98 | | |

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3635025.90        0.65720
         502921.98    3635025.90        0.68765                          502971.98
3635025.90        0.72060
         503021.98    3635025.90        0.75627                          503071.98
3635025.90        0.79507
         503121.98    3635025.90        0.83674                          503171.98
3635025.90        0.88104
         503221.98    3635025.90        0.93005                          503271.98
3635025.90        0.98349
         503321.98    3635025.90        1.04168                          503371.98
3635025.90        1.10543
         503421.98    3635025.90        1.17555                          503471.98
3635025.90        1.25107
         503521.98    3635025.90        1.33389                          503571.98
3635025.90        1.42461
         503621.98    3635025.90        1.52413                          503671.98
3635025.90        1.63358
         503721.98    3635025.90        1.78895                          503771.98
3635025.90        1.92779
         503821.98    3635025.90        2.06078                          504371.98
3635025.90        5.54197
         502721.98    3635075.90        0.57263                          502771.98
3635075.90        0.59711
         502821.98    3635075.90        0.62317                          502871.98
3635075.90        0.65062
         502921.98    3635075.90        0.68058                          502971.98
3635075.90        0.71281
         503021.98    3635075.90        0.74706                          503071.98
3635075.90        0.78449
         503121.98    3635075.90        0.82461                          503171.98
3635075.90        0.86754
         503221.98    3635075.90        0.91467                          503271.98
3635075.90        0.96565
         503321.98    3635075.90        1.02114                          503371.98
3635075.90        1.08137
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 414
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
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, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503421.98    3635075.90        1.14678                       503471.98
3635075.90        1.21798
         503521.98    3635075.90        1.29569                       503571.98
3635075.90        1.38042
         503621.98    3635075.90        1.47294                       503671.98
3635075.90        1.57429
         503721.98    3635075.90        1.67622                       503771.98
3635075.90        1.83911
         503821.98    3635075.90        1.93545                       504371.98
3635075.90        4.98462
         504421.98    3635075.90        5.60801                       504471.98
3635075.90        6.39136
         504521.98    3635075.90        7.29752                       502721.98
3635125.90        0.56773
         502771.98    3635125.90        0.59167                       502821.98
3635125.90        0.61715
         502871.98    3635125.90        0.64410                       502921.98
3635125.90        0.67255
         502971.98    3635125.90        0.70365                       503021.98
3635125.90        0.73717
         503071.98    3635125.90        0.77344                       503121.98
3635125.90        0.81214
         503171.98    3635125.90        0.85371                       503221.98
3635125.90        0.89913
         503271.98    3635125.90        0.94752                       503321.98
3635125.90        1.00041
         503371.98    3635125.90        1.05742                       503421.98
3635125.90        1.11858
         503471.98    3635125.90        1.18576                       503521.98
3635125.90        1.25860
         503571.98    3635125.90        1.33825                       503621.98
3635125.90        1.42389
         503671.98    3635125.90        1.51729                       503721.98
3635125.90        1.64674
         503771.98    3635125.90        1.75871                       503821.98
3635125.90        1.85052
```

```
         504371.98    3635125.90        4.50445                        504421.98
3635125.90        5.03573
         504471.98    3635125.90        5.65488                        504521.98
3635125.90        6.42281
         504571.98    3635125.90        7.36501                        502721.98
3635175.90        0.56238
         502771.98    3635175.90        0.58590                        502821.98
3635175.90        0.61070
         502871.98    3635175.90        0.63713                        502921.98
3635175.90        0.66466
         502971.98    3635175.90        0.69476                        503021.98
3635175.90        0.72735
         503071.98    3635175.90        0.76205                        503121.98
3635175.90        0.79911
         503171.98    3635175.90        0.83893                        503221.98
3635175.90        0.88241
         503271.98    3635175.90        0.92859                        503321.98
3635175.90        0.97897
         503371.98    3635175.90        1.03282                        503421.98
3635175.90        1.08981
         503471.98    3635175.90        1.15430                        503521.98
3635175.90        1.22220
         503571.98    3635175.90        1.29643                        503621.98
3635175.90        1.37616
         503671.98    3635175.90        1.45796                        503721.98
3635175.90        1.58168
         503771.98    3635175.90        1.66997                        503821.98
3635175.90        1.71555
         504371.98    3635175.90        4.09770                        504421.98
3635175.90        4.53679
         504471.98    3635175.90        5.04572                        504521.98
3635175.90        5.66750
         504571.98    3635175.90        6.45646                        504621.98
3635175.90        7.26804
         502721.98    3635225.90        0.55671                        502771.98
3635225.90        0.57929
         502821.98    3635225.90        0.60338                        502871.98
3635225.90        0.62912
         502921.98    3635225.90        0.65649                        502971.98
3635225.90        0.68558
         503021.98    3635225.90        0.71670                        503071.98
3635225.90        0.74996
         503121.98    3635225.90        0.78546                        503171.98
3635225.90        0.82355
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 0.86442 | 503271.98 | 3635225.90 | 0.90820 |
| 503321.98 | 3635225.90 | 0.95533 | 503371.98 | 3635225.90 | 1.00626 |
| 503421.98 | 3635225.90 | 1.06111 | 503471.98 | 3635225.90 | 1.12085 |
| 503521.98 | 3635225.90 | 1.18633 | 503571.98 | 3635225.90 | 1.25561 |
| 503621.98 | 3635225.90 | 1.32304 | 503671.98 | 3635225.90 | 1.42388 |
| 504371.98 | 3635225.90 | 3.74187 | 504421.98 | 3635225.90 | 4.10184 |
| 504471.98 | 3635225.90 | 4.52564 | 504521.98 | 3635225.90 | 5.03014 |
| 504571.98 | 3635225.90 | 5.65565 | 504621.98 | 3635225.90 | 6.39033 |
| 502721.98 | 3635275.90 | 0.55094 | 502771.98 | 3635275.90 | 0.57307 |
| 502821.98 | 3635275.90 | 0.59646 | 502871.98 | 3635275.90 | 0.62124 |
| 502921.98 | 3635275.90 | 0.64776 | 502971.98 | 3635275.90 | 0.67589 |
| 503021.98 | 3635275.90 | 0.70605 | 503071.98 | 3635275.90 | 0.73819 |
| 503121.98 | 3635275.90 | 0.77252 | 503171.98 | 3635275.90 | 0.80921 |
| 503221.98 | 3635275.90 | 0.84738 | 503271.98 | | |

3635275.90 0.88942
503321.98 3635275.90 0.93405 503371.98 3635275.90 0.98267
503421.98 3635275.90 1.03398 503471.98 3635275.90 1.08969
503521.98 3635275.90 1.14921 503571.98 3635275.90 1.21561
503621.98 3635275.90 1.28504 504371.98 3635275.90 3.44734
504421.98 3635275.90 3.75442 504471.98 3635275.90 4.10185
504521.98 3635275.90 4.50837 504571.98 3635275.90 4.99206
504621.98 3635275.90 5.58043 504671.98 3635275.90 6.23329
502721.98 3635325.90 0.54472 502771.98 3635325.90 0.56615
502821.98 3635325.90 0.58882 502871.98 3635325.90 0.61287
502921.98 3635325.90 0.63848 502971.98 3635325.90 0.66563
503021.98 3635325.90 0.69467 503071.98 3635325.90 0.72554
503121.98 3635325.90 0.75847 503171.98 3635325.90 0.79356
503221.98 3635325.90 0.83012 503271.98 3635325.90 0.87013
503321.98 3635325.90 0.91277 503371.98 3635325.90 0.95872
503421.98 3635325.90 1.00753 503471.98 3635325.90 1.05981
503521.98 3635325.90 1.11514 503571.98 3635325.90 1.17645
503621.98 3635325.90 1.24176 504371.98 3635325.90 3.17600
504421.98 3635325.90 3.43440 504471.98 3635325.90 3.72685
504521.98 3635325.90 4.05711 504571.98 3635325.90 4.43987
504621.98 3635325.90 4.90617 504671.98 3635325.90 5.45915
504721.98 3635325.90 6.01750 502721.98 3635375.90 0.53825
502771.98 3635375.90 0.55917 502821.98 3635375.90 0.58284
502871.98 3635375.90 0.60534 502921.98 3635375.90 0.62907
502971.98 3635375.90 0.65516 503021.98 3635375.90 0.68320
503071.98 3635375.90 0.71285 503121.98

3635375.90        0.74425
         503171.98    3635375.90        0.77772                       503221.98
3635375.90        0.81272

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635375.90        0.85074                       503321.98
3635375.90        0.89133
         503371.98    3635375.90        0.93462                       503421.98
3635375.90        0.98060
         503471.98    3635375.90        1.02963                       503521.98
3635375.90        1.08193
         503571.98    3635375.90        1.13889                       503621.98
3635375.90        1.19943
         503671.98    3635375.90        1.25971                       503721.98
3635375.90        1.33480
         504371.98    3635375.90        2.93214                       504421.98
3635375.90        3.15225
         504471.98    3635375.90        3.39607                       504521.98
3635375.90        3.67215
         504571.98    3635375.90        3.98179                       504621.98
3635375.90        4.35439
         504671.98    3635375.90        4.77672                       504721.98
3635375.90        5.25189

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         502721.98    3635425.90        0.53149                    502771.98
3635425.90        0.55404
         502821.98    3635425.90        0.57594                    502871.98
3635425.90        0.59803
         502921.98    3635425.90        0.62042                    502971.98
3635425.90        0.64384
         503021.98    3635425.90        0.67030                    503071.98
3635425.90        0.69870
         503121.98    3635425.90        0.72974                    503171.98
3635425.90        0.76173
         503221.98    3635425.90        0.79564                    503271.98
3635425.90        0.83199
         503321.98    3635425.90        0.87035                    503371.98
3635425.90        0.91113
         503421.98    3635425.90        0.95453                    503471.98
3635425.90        1.00090
         503521.98    3635425.90        1.05031                    503571.98
3635425.90        1.10297
         503621.98    3635425.90        1.15914                    503671.98
3635425.90        1.21541
         503721.98    3635425.90        1.27607                    503771.98
3635425.90        1.34479
         503821.98    3635425.90        1.42154                    504371.98
3635425.90        2.71503
         504421.98    3635425.90        2.90568                    504471.98
3635425.90        3.11452
         504521.98    3635425.90        3.34168                    504571.98
3635425.90        3.59685
         504621.98    3635425.90        3.89300                    504671.98
3635425.90        4.22074
         504721.98    3635425.90        4.58762                    502721.98
3635475.90        0.52490
         502771.98    3635475.90        0.54619                    502821.98
3635475.90        0.56636
         502871.98    3635475.90        0.58770                    502921.98
3635475.90        0.60848
         502971.98    3635475.90        0.63278                    503021.98
3635475.90        0.65778
         503071.98    3635475.90        0.68650                    503121.98
3635475.90        0.71515
         503171.98    3635475.90        0.74569                    503221.98
3635475.90        0.77812
         503271.98    3635475.90        0.81252                    503321.98
3635475.90        0.84892
         503371.98    3635475.90        0.88747                    503421.98
3635475.90        0.92843
         503471.98    3635475.90        0.97202                    503521.98
3635475.90        1.01835
         503571.98    3635475.90        1.06767                    503621.98
3635475.90        1.12001
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 3.76179 | 504721.98 | 3635475.90 | 4.05530 |
| 502221.98 | 3632975.90 | 0.27609 | 502271.98 | 3632975.90 | 0.28221 |
| 502321.98 | 3632975.90 | 0.28855 | 502371.98 | 3632975.90 | 0.29511 |
| 502421.98 | 3632975.90 | 0.30187 | 502471.98 | 3632975.90 | 0.30883 |
| 502521.98 | 3632975.90 | 0.31586 | 502571.98 | | |

3632975.90 0.32322
502621.98 3632975.90 0.33084 502671.98
3632975.90 0.33871
502721.98 3632975.90 0.34681 502771.98
3632975.90 0.35507
502821.98 3632975.90 0.36272 502871.98
3632975.90 0.30819
502921.98 3632975.90 0.31308 502971.98
3632975.90 0.21434
503021.98 3632975.90 0.21783 503071.98
3632975.90 0.25284
503121.98 3632975.90 0.30456 503171.98
3632975.90 0.35662
503221.98 3632975.90 0.38235 503271.98
3632975.90 0.38865
503321.98 3632975.90 0.38614 503371.98
3632975.90 0.38837
503421.98 3632975.90 0.36731 503471.98
3632975.90 0.35654
503621.98 3632975.90 0.32309 503671.98
3632975.90 0.31281
503721.98 3632975.90 0.30321 503771.98
3632975.90 0.28919
503821.98 3632975.90 0.25441 503871.98
3632975.90 0.22508
503921.98 3632975.90 0.21522 503971.98
3632975.90 0.21391
504021.98 3632975.90 0.20982 504071.98
3632975.90 0.21236
504121.98 3632975.90 0.20765 504171.98
3632975.90 0.21043
504221.98 3632975.90 0.21226 504271.98
3632975.90 0.21551
504321.98 3632975.90 0.21818 504371.98
3632975.90 0.21700
504421.98 3632975.90 0.21818 504471.98
3632975.90 0.22028
504521.98 3632975.90 0.22317 504571.98
3632975.90 0.22473
504621.98 3632975.90 0.22541 504671.98
3632975.90 0.22661
504721.98 3632975.90 0.22838 504771.98
3632975.90 0.22989
504821.98 3632975.90 0.22990 504871.98
3632975.90 0.23073
504921.98 3632975.90 0.23244 504971.98
3632975.90 0.23404
505021.98 3632975.90 0.23507 505071.98
3632975.90 0.23666
505121.98 3632975.90 0.23950 505171.98

3632975.90        0.24396
         505221.98    3632975.90        0.24890                        502221.98
3633025.90        0.28039
         502271.98    3633025.90        0.28718                        502321.98
3633025.90        0.29369
         502371.98    3633025.90        0.30057                        502421.98
3633025.90        0.30766
         502471.98    3633025.90        0.31483                        502521.98
3633025.90        0.32233
         502571.98    3633025.90        0.33006                        502621.98
3633025.90        0.33810
         502671.98    3633025.90        0.34632                        502721.98
3633025.90        0.35480
         502771.98    3633025.90        0.36350                        502821.98
3633025.90        0.36029
         502871.98    3633025.90        0.34253                        502921.98
3633025.90        0.31999
         502971.98    3633025.90        0.21994                        503021.98
3633025.90        0.23535
         503071.98    3633025.90        0.29001                        503121.98
3633025.90        0.35716

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503171.98 3633025.90 0.38455 503221.98 3633025.90 0.40764
503271.98 3633025.90 0.41054 503321.98 3633025.90 0.41658
503371.98 3633025.90 0.40540 503421.98 3633025.90 0.36399
503471.98 3633025.90 0.36930 503621.98 3633025.90 0.32898
503671.98 3633025.90 0.32337 503721.98 3633025.90 0.31955
503771.98 3633025.90 0.28385 503821.98 3633025.90 0.24918
503871.98 3633025.90 0.22617 503921.98 3633025.90 0.21814
503971.98 3633025.90 0.21604 504021.98 3633025.90 0.21468
504071.98 3633025.90 0.21363 504121.98 3633025.90 0.21414
504171.98 3633025.90 0.21666 504221.98 3633025.90 0.22059
504271.98 3633025.90 0.22383 504321.98 3633025.90 0.22662
504371.98 3633025.90 0.22607 504421.98 3633025.90 0.22733
504471.98 3633025.90 0.22963 504521.98 3633025.90 0.23049
504571.98 3633025.90 0.23150 504621.98 3633025.90 0.23287
504671.98 3633025.90 0.23476 504721.98 3633025.90 0.23688
504771.98 3633025.90 0.23910 504821.98 3633025.90 0.24039
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504971.98 3633025.90 0.24668 505021.98 3633025.90 0.24688
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505171.98 3633025.90 0.25663 505221.98 3633025.90 0.26429
502221.98 3633075.90 0.28517 502271.98 3633075.90 0.29216
502321.98 3633075.90 0.29904 502371.98 3633075.90 0.30616
502421.98 3633075.90 0.31353 502471.98 3633075.90 0.32096
502521.98 3633075.90 0.32881 502571.98 3633075.90 0.33700
502621.98 3633075.90 0.34539 502671.98 3633075.90 0.35393

```
         502721.98    3633075.90        0.36297                      502771.98
3633075.90        0.37212
         502821.98    3633075.90        0.38156                      502871.98
3633075.90        0.37191
         502921.98    3633075.90        0.35800                      502971.98
3633075.90        0.31047
         503021.98    3633075.90        0.33537                      503071.98
3633075.90        0.35139
         503121.98    3633075.90        0.38803                      503171.98
3633075.90        0.40859
         503221.98    3633075.90        0.43550                      503271.98
3633075.90        0.43135
         503321.98    3633075.90        0.43025                      503371.98
3633075.90        0.41631
         503421.98    3633075.90        0.37957                      503471.98
3633075.90        0.38526
         503621.98    3633075.90        0.33669                      503671.98
3633075.90        0.32676
         503721.98    3633075.90        0.32155                      503771.98
3633075.90        0.28483
         503821.98    3633075.90        0.24831                      503871.98
3633075.90        0.22588
         503921.98    3633075.90        0.22373                      503971.98
3633075.90        0.22583
         504021.98    3633075.90        0.22247                      504071.98
3633075.90        0.22202
         504121.98    3633075.90        0.22330                      504171.98
3633075.90        0.22615
         504221.98    3633075.90        0.23005                      504271.98
3633075.90        0.23373
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 419
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 0.23804 | 504371.98 | 3633075.90 | 0.23684 |
| 504421.98 | 3633075.90 | 0.23916 | 504471.98 | 3633075.90 | 0.23940 |
| 504521.98 | 3633075.90 | 0.23964 | 504571.98 | 3633075.90 | 0.24081 |
| 504621.98 | 3633075.90 | 0.24236 | 504671.98 | 3633075.90 | 0.24464 |
| 504721.98 | 3633075.90 | 0.24707 | 504771.98 | 3633075.90 | 0.25009 |
| 504821.98 | 3633075.90 | 0.25290 | 504871.98 | 3633075.90 | 0.25678 |
| 504921.98 | 3633075.90 | 0.26138 | 504971.98 | 3633075.90 | 0.26100 |
| 505021.98 | 3633075.90 | 0.26040 | 505071.98 | 3633075.90 | 0.26131 |
| 505121.98 | 3633075.90 | 0.26431 | 505171.98 | 3633075.90 | 0.27016 |
| 505221.98 | 3633075.90 | 0.27783 | 502221.98 | 3633125.90 | 0.29015 |
| 502271.98 | 3633125.90 | 0.29717 | 502321.98 | 3633125.90 | 0.30434 |
| 502371.98 | 3633125.90 | 0.31175 | 502421.98 | 3633125.90 | 0.31945 |
| 502471.98 | 3633125.90 | 0.32730 | 502521.98 | 3633125.90 | 0.33549 |
| 502571.98 | 3633125.90 | 0.34398 | 502621.98 | 3633125.90 | 0.35275 |
| 502671.98 | 3633125.90 | 0.36190 | 502721.98 | 3633125.90 | 0.37125 |
| 502771.98 | 3633125.90 | 0.38105 | 502821.98 | 3633125.90 | 0.39097 |
| 502871.98 | 3633125.90 | 0.40116 | 502921.98 | 3633125.90 | 0.39791 |
| 502971.98 | 3633125.90 | 0.37920 | 503021.98 | 3633125.90 | 0.37358 |
| 503071.98 | 3633125.90 | 0.39484 | 503121.98 | 3633125.90 | 0.41429 |
| 503171.98 | 3633125.90 | 0.43701 | 503221.98 | 3633125.90 | 0.45637 |
| 503271.98 | 3633125.90 | 0.45520 | 503321.98 | | |

3633125.90        0.46091
         503371.98    3633125.90        0.43866                        503421.98
3633125.90        0.39410
         503471.98    3633125.90        0.40001                        503621.98
3633125.90        0.34279
         503671.98    3633125.90        0.32723                        503721.98
3633125.90        0.32182
         503771.98    3633125.90        0.27758                        503821.98
3633125.90        0.24834
         503871.98    3633125.90        0.23244                        503921.98
3633125.90        0.23246
         503971.98    3633125.90        0.23515                        504021.98
3633125.90        0.22903
         504071.98    3633125.90        0.23161                        504121.98
3633125.90        0.23549
         504171.98    3633125.90        0.23906                        504221.98
3633125.90        0.24277
         504271.98    3633125.90        0.24722                        504321.98
3633125.90        0.24999
         504371.98    3633125.90        0.25149                        504421.98
3633125.90        0.25340
         504471.98    3633125.90        0.25190                        504521.98
3633125.90        0.25132
         504571.98    3633125.90        0.25221                        504621.98
3633125.90        0.25444
         504671.98    3633125.90        0.25725                        504721.98
3633125.90        0.25986
         504771.98    3633125.90        0.26304                        504821.98
3633125.90        0.26656
         504871.98    3633125.90        0.27217                        504921.98
3633125.90        0.28088
         504971.98    3633125.90        0.27918                        505021.98
3633125.90        0.27587
         505071.98    3633125.90        0.27488                        505121.98
3633125.90        0.27812
         505171.98    3633125.90        0.28413                        505221.98
3633125.90        0.29345
         502221.98    3633175.90        0.29492                        502271.98
3633175.90        0.30210

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996

```
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3633175.90        0.30956                       502371.98
3633175.90        0.31752
         502421.98    3633175.90        0.32564                       502471.98
3633175.90        0.33382
         502521.98    3633175.90        0.34241                       502571.98
3633175.90        0.35134
         502621.98    3633175.90        0.36055                       502671.98
3633175.90        0.37017
         502721.98    3633175.90        0.38015                       502771.98
3633175.90        0.39028
         502821.98    3633175.90        0.40070                       502871.98
3633175.90        0.41146
         502921.98    3633175.90        0.42257                       502971.98
3633175.90        0.43401
         503021.98    3633175.90        0.42802                       503071.98
3633175.90        0.44855
         503121.98    3633175.90        0.44634                       503171.98
3633175.90        0.48311
         503221.98    3633175.90        0.46866                       503271.98
3633175.90        0.46720
         503321.98    3633175.90        0.47520                       503371.98
3633175.90        0.45004
         503421.98    3633175.90        0.41611                       503471.98
3633175.90        0.40789
         503621.98    3633175.90        0.33699                       503671.98
3633175.90        0.33521
         503721.98    3633175.90        0.31189                       503771.98
3633175.90        0.27223
         503821.98    3633175.90        0.24900                       503871.98
3633175.90        0.23864
         503921.98    3633175.90        0.24294                       503971.98
3633175.90        0.24572
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         504021.98    3633175.90        0.23955                        504071.98
3633175.90        0.24359
         504121.98    3633175.90        0.24996                        504171.98
3633175.90        0.25747
         504221.98    3633175.90        0.26004                        504271.98
3633175.90        0.26286
         504321.98    3633175.90        0.26552                        504371.98
3633175.90        0.27222
         504421.98    3633175.90        0.26969                        504471.98
3633175.90        0.26603
         504521.98    3633175.90        0.26459                        504571.98
3633175.90        0.26562
         504621.98    3633175.90        0.26892                        504671.98
3633175.90        0.27291
         504721.98    3633175.90        0.27594                        504771.98
3633175.90        0.27920
         504821.98    3633175.90        0.28260                        504871.98
3633175.90        0.28963
         504921.98    3633175.90        0.30210                        504971.98
3633175.90        0.29593
         505021.98    3633175.90        0.29063                        505071.98
3633175.90        0.29042
         505121.98    3633175.90        0.29374                        505171.98
3633175.90        0.29933
         505221.98    3633175.90        0.30746                        502221.98
3633225.90        0.29977
         502271.98    3633225.90        0.30733                        502321.98
3633225.90        0.31506
         502371.98    3633225.90        0.32338                        502421.98
3633225.90        0.33179
         502471.98    3633225.90        0.34023                        502521.98
3633225.90        0.34928
         502571.98    3633225.90        0.35860                        502621.98
3633225.90        0.36834
         502671.98    3633225.90        0.37842                        502721.98
3633225.90        0.38896
         502771.98    3633225.90        0.39961                        502821.98
3633225.90        0.41066
         502871.98    3633225.90        0.42206                        502921.98
3633225.90        0.43385
         502971.98    3633225.90        0.44604                        503021.98
3633225.90        0.45861
         503071.98    3633225.90        0.47158                        503121.98
3633225.90        0.48494
         503171.98    3633225.90        0.49864                        503221.98
3633225.90        0.49313
         503271.98    3633225.90        0.48872                        503321.98
3633225.90        0.48408
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 0.44945 | 503421.98 | 3633225.90 | 0.43389 |
| 503471.98 | 3633225.90 | 0.41066 | 503621.98 | 3633225.90 | 0.35087 |
| 503671.98 | 3633225.90 | 0.33911 | 503721.98 | 3633225.90 | 0.30914 |
| 503771.98 | 3633225.90 | 0.27967 | 503821.98 | 3633225.90 | 0.25357 |
| 503871.98 | 3633225.90 | 0.25042 | 503921.98 | 3633225.90 | 0.25300 |
| 503971.98 | 3633225.90 | 0.25757 | 504021.98 | 3633225.90 | 0.25836 |
| 504071.98 | 3633225.90 | 0.26367 | 504121.98 | 3633225.90 | 0.27189 |
| 504171.98 | 3633225.90 | 0.27837 | 504221.98 | 3633225.90 | 0.27395 |
| 504271.98 | 3633225.90 | 0.27750 | 504321.98 | 3633225.90 | 0.28718 |
| 504371.98 | 3633225.90 | 0.29433 | 504421.98 | 3633225.90 | 0.28802 |
| 504471.98 | 3633225.90 | 0.28340 | 504521.98 | 3633225.90 | 0.28116 |
| 504571.98 | 3633225.90 | 0.28243 | 504621.98 | | |

3633225.90 0.28654
504671.98 3633225.90 0.29295 504721.98
3633225.90 0.29723
504771.98 3633225.90 0.29909 504821.98
3633225.90 0.30587
504871.98 3633225.90 0.31174 504921.98
3633225.90 0.32348
504971.98 3633225.90 0.31665 505021.98
3633225.90 0.31051
505071.98 3633225.90 0.31089 505121.98
3633225.90 0.31245
505171.98 3633225.90 0.31373 505221.98
3633225.90 0.32053
502221.98 3633275.90 0.30455 502271.98
3633275.90 0.31239
502321.98 3633275.90 0.32066 502371.98
3633275.90 0.32917
502421.98 3633275.90 0.33786 502471.98
3633275.90 0.34689
502521.98 3633275.90 0.35631 502571.98
3633275.90 0.36606
502621.98 3633275.90 0.37628 502671.98
3633275.90 0.38683
502721.98 3633275.90 0.39779 502771.98
3633275.90 0.40918
502821.98 3633275.90 0.40816 502871.98
3633275.90 0.43294
502921.98 3633275.90 0.44546 502971.98
3633275.90 0.45843
503021.98 3633275.90 0.47186 503071.98
3633275.90 0.48574
503121.98 3633275.90 0.50006 503171.98
3633275.90 0.51484
503221.98 3633275.90 0.52997 503271.98
3633275.90 0.49649
503321.98 3633275.90 0.50012 503371.98
3633275.90 0.47003
503421.98 3633275.90 0.44448 503471.98
3633275.90 0.33538
503621.98 3633275.90 0.34751 503671.98
3633275.90 0.33770
503721.98 3633275.90 0.30576 503771.98
3633275.90 0.27976
503821.98 3633275.90 0.25909 503871.98
3633275.90 0.26124
503921.98 3633275.90 0.26976 503971.98
3633275.90 0.28573
504021.98 3633275.90 0.28785 504071.98
3633275.90 0.28829
504121.98 3633275.90 0.29973 504171.98

3633275.90        0.29759
         504221.98    3633275.90        0.29331                       504271.98
3633275.90        0.29789
         504321.98    3633275.90        0.31262                       504371.98
3633275.90        0.32481
         504421.98    3633275.90        0.31470                       504471.98
3633275.90        0.30579

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN   ***
                               INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - -

505221.98 3633275.90 0.33732 502221.98 3633325.90 0.30940
502271.98 3633325.90 0.31759 502321.98 3633325.90 0.32612
502371.98 3633325.90 0.33491 502421.98 3633325.90 0.34401
502471.98 3633325.90 0.35335 502521.98 3633325.90 0.36327
502571.98 3633325.90 0.37354 502621.98 3633325.90 0.38425
502671.98 3633325.90 0.39535 502721.98 3633325.90 0.40689
502771.98 3633325.90 0.41896 502821.98 3633325.90 0.43129
502871.98 3633325.90 0.44406 502921.98 3633325.90 0.45737
502971.98 3633325.90 0.47120 503021.98 3633325.90 0.48554
503071.98 3633325.90 0.50039 503121.98 3633325.90 0.51576
503171.98 3633325.90 0.53168 503221.98 3633325.90 0.54810
503271.98 3633325.90 0.51003 503321.98 3633325.90 0.51179
503371.98 3633325.90 0.47822 503421.98 3633325.90 0.38609
503471.98 3633325.90 0.31618 503621.98 3633325.90 0.34400
503671.98 3633325.90 0.33350 503721.98 3633325.90 0.29849
503771.98 3633325.90 0.28688 503821.98 3633325.90 0.27461
503871.98 3633325.90 0.27582 503921.98 3633325.90 0.29790
503971.98 3633325.90 0.32400 504021.98 3633325.90 0.32266
504071.98 3633325.90 0.31819 504121.98 3633325.90 0.33474
504171.98 3633325.90 0.32107 504221.98 3633325.90 0.31432
504271.98 3633325.90 0.32541 504321.98 3633325.90 0.34949
504371.98 3633325.90 0.36157 504421.98 3633325.90 0.34592
504471.98 3633325.90 0.33261 504521.98 3633325.90 0.32594
504571.98 3633325.90 0.32906 504621.98 3633325.90 0.33739
504671.98 3633325.90 0.34913 504721.98 3633325.90 0.34817

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         504771.98    3633325.90        0.34104                        504821.98
3633325.90        0.34657
         504871.98    3633325.90        0.36799                        504921.98
3633325.90        0.38200
         504971.98    3633325.90        0.37619                        505021.98
3633325.90        0.37222
         505071.98    3633325.90        0.37331                        505121.98
3633325.90        0.36007
         505171.98    3633325.90        0.35347                        505221.98
3633325.90        0.36061
         502221.98    3633375.90        0.31436                        502271.98
3633375.90        0.32278
         502321.98    3633375.90        0.33152                        502371.98
3633375.90        0.34061
         502421.98    3633375.90        0.35011                        502471.98
3633375.90        0.35996
```



```
                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3633375.90        0.37029                        502571.98
3633375.90        0.38105
         502621.98    3633375.90        0.39227                        502671.98
3633375.90        0.40394
         502721.98    3633375.90        0.41611                        502771.98
```

3633375.90 0.42875
502821.98 3633375.90 0.44185 502871.98
3633375.90 0.45542
502921.98 3633375.90 0.46959 502971.98
3633375.90 0.48432
503021.98 3633375.90 0.49964 503071.98
3633375.90 0.51554
503121.98 3633375.90 0.53206 503171.98
3633375.90 0.54921
503221.98 3633375.90 0.56699 503271.98
3633375.90 0.58534
503321.98 3633375.90 0.59490 503371.98
3633375.90 0.50012
503421.98 3633375.90 0.36460 503471.98
3633375.90 0.36222
503621.98 3633375.90 0.36935 503671.98
3633375.90 0.34977
503721.98 3633375.90 0.31988 503771.98
3633375.90 0.31257
503821.98 3633375.90 0.31709 503871.98
3633375.90 0.31046
503921.98 3633375.90 0.33588 503971.98
3633375.90 0.36758
504021.98 3633375.90 0.35959 504071.98
3633375.90 0.35245
504121.98 3633375.90 0.37296 504171.98
3633375.90 0.34631
504221.98 3633375.90 0.34739 504271.98
3633375.90 0.36914
504321.98 3633375.90 0.39688 504371.98
3633375.90 0.40695
504421.98 3633375.90 0.38101 504471.98
3633375.90 0.36122
504521.98 3633375.90 0.35266 504571.98
3633375.90 0.36016
504621.98 3633375.90 0.37157 504671.98
3633375.90 0.38768
504721.98 3633375.90 0.37952 504771.98
3633375.90 0.36969
504821.98 3633375.90 0.37890 504871.98
3633375.90 0.41104
504921.98 3633375.90 0.41876 504971.98
3633375.90 0.41645
505021.98 3633375.90 0.41192 505071.98
3633375.90 0.39759
505121.98 3633375.90 0.38229 505171.98
3633375.90 0.37786
505221.98 3633375.90 0.38923 502221.98
3633425.90 0.31904
502271.98 3633425.90 0.32766 502321.98

3633425.90        0.33662
         502371.98    3633425.90        0.34607                        502421.98
3633425.90        0.35603
         502471.98    3633425.90        0.36676                        502521.98
3633425.90        0.37747
         502571.98    3633425.90        0.38864                        502621.98
3633425.90        0.40038
         502671.98    3633425.90        0.41250                        502721.98
3633425.90        0.42522
         502771.98    3633425.90        0.43856                        502821.98
3633425.90        0.45241
         502871.98    3633425.90        0.46689                        502921.98
3633425.90        0.48207
         502971.98    3633425.90        0.49778                        503021.98
3633425.90        0.51413
         503071.98    3633425.90        0.53120                        503121.98
3633425.90        0.54889
         503171.98    3633425.90        0.56745                        503221.98
3633425.90        0.58671
         503271.98    3633425.90        0.60667                        503321.98
3633425.90        0.62097
         503371.98    3633425.90        0.46093                        503421.98
3633425.90        0.39701
         503471.98    3633425.90        0.40660                        503621.98
3633425.90        0.42660

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                              INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 0.39265 | 503721.98 | 3633425.90 | 0.35409 |
| 503771.98 | 3633425.90 | 0.34360 | 503821.98 | 3633425.90 | 0.35025 |
| 503871.98 | 3633425.90 | 0.35722 | 503921.98 | 3633425.90 | 0.39223 |
| 503971.98 | 3633425.90 | 0.40825 | 504021.98 | 3633425.90 | 0.39811 |
| 504071.98 | 3633425.90 | 0.39419 | 504121.98 | 3633425.90 | 0.41727 |
| 504171.98 | 3633425.90 | 0.39363 | 504221.98 | 3633425.90 | 0.40640 |
| 504271.98 | 3633425.90 | 0.43705 | 504321.98 | 3633425.90 | 0.46861 |
| 504371.98 | 3633425.90 | 0.44787 | 504421.98 | 3633425.90 | 0.41821 |
| 504471.98 | 3633425.90 | 0.39655 | 504521.98 | 3633425.90 | 0.38529 |
| 504571.98 | 3633425.90 | 0.39685 | 504621.98 | 3633425.90 | 0.41630 |
| 504671.98 | 3633425.90 | 0.42811 | 504721.98 | 3633425.90 | 0.42803 |
| 504771.98 | 3633425.90 | 0.41791 | 504821.98 | 3633425.90 | 0.41731 |
| 504871.98 | 3633425.90 | 0.45491 | 504921.98 | 3633425.90 | 0.45491 |
| 504971.98 | 3633425.90 | 0.44787 | 505021.98 | 3633425.90 | 0.42386 |
| 505071.98 | 3633425.90 | 0.41035 | 505121.98 | 3633425.90 | 0.40445 |
| 505171.98 | 3633425.90 | 0.40586 | 505221.98 | 3633425.90 | 0.42237 |
| 502221.98 | 3633475.90 | 0.32375 | 502271.98 | 3633475.90 | 0.33264 |
| 502321.98 | 3633475.90 | 0.34198 | 502371.98 | 3633475.90 | 0.35181 |
| 502421.98 | 3633475.90 | 0.36218 | 502471.98 | 3633475.90 | 0.37347 |
| 502521.98 | 3633475.90 | 0.38440 | 502571.98 | 3633475.90 | 0.39606 |
| 502621.98 | 3633475.90 | 0.40840 | 502671.98 | 3633475.90 | 0.42112 |
| 504771.98 | 3633475.90 | 0.49283 | 504821.98 | 3633475.90 | 0.49880 |
| 504871.98 | 3633475.90 | 0.50044 | 504921.98 | 3633475.90 | 0.50215 |

```
         504971.98    3633475.90        0.48132                        505021.98
3633475.90        0.44925
         505071.98    3633475.90        0.43730                        505121.98
3633475.90        0.43376
         505171.98    3633475.90        0.43472                        505221.98
3633475.90        0.44993
         502221.98    3633525.90        0.32863                        502271.98
3633525.90        0.33781
         502321.98    3633525.90        0.34742                        502371.98
3633525.90        0.35780
         502421.98    3633525.90        0.36868                        502471.98
3633525.90        0.38016
         502521.98    3633525.90        0.39138                        502571.98
3633525.90        0.40313
         502621.98    3633525.90        0.41606                        502671.98
3633525.90        0.42949
         504771.98    3633525.90        0.53133                        504821.98
3633525.90        0.52968
         504871.98    3633525.90        0.53177                        504921.98
3633525.90        0.53545
         504971.98    3633525.90        0.53688                        505021.98
3633525.90        0.50920
         505071.98    3633525.90        0.48022                        505121.98
3633525.90        0.46511
         505171.98    3633525.90        0.46609                        505221.98
3633525.90        0.47761
         502221.98    3633575.90        0.33388                        502271.98
3633575.90        0.34282
         502321.98    3633575.90        0.35274                        502371.98
3633575.90        0.36355
         502421.98    3633575.90        0.37470                        502471.98
3633575.90        0.38615
         502521.98    3633575.90        0.39808                        502571.98
3633575.90        0.41067
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 425
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
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L0001016 , L0001017 , L0001018 , L0001019 , L0001020
, L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 0.42402 | 502671.98 | 3633575.90 | 0.43805 |
| 504771.98 | 3633575.90 | 0.56611 | 504821.98 | 3633575.90 | 0.56901 |
| 504871.98 | 3633575.90 | 0.57363 | 504921.98 | 3633575.90 | 0.56918 |
| 504971.98 | 3633575.90 | 0.57904 | 505021.98 | 3633575.90 | 0.57008 |
| 505071.98 | 3633575.90 | 0.53529 | 505121.98 | 3633575.90 | 0.50688 |
| 505171.98 | 3633575.90 | 0.50390 | 505221.98 | 3633575.90 | 0.51975 |
| 502221.98 | 3633625.90 | 0.33885 | 502271.98 | 3633625.90 | 0.34766 |
| 502321.98 | 3633625.90 | 0.35819 | 502371.98 | 3633625.90 | 0.36919 |
| 502421.98 | 3633625.90 | 0.38086 | 502471.98 | 3633625.90 | 0.39251 |
| 502521.98 | 3633625.90 | 0.40539 | 502571.98 | 3633625.90 | 0.41860 |
| 502621.98 | 3633625.90 | 0.43252 | 502671.98 | 3633625.90 | 0.44702 |
| 504771.98 | 3633625.90 | 0.60564 | 504821.98 | 3633625.90 | 0.63219 |
| 504871.98 | 3633625.90 | 0.62143 | 504921.98 | 3633625.90 | 0.61904 |
| 504971.98 | 3633625.90 | 0.62911 | 505021.98 | 3633625.90 | 0.62417 |
| 505071.98 | 3633625.90 | 0.58420 | 505121.98 | 3633625.90 | 0.55561 |
| 505171.98 | 3633625.90 | 0.54582 | 505221.98 | 3633625.90 | 0.56302 |
| 502221.98 | 3633675.90 | 0.34301 | 502271.98 | 3633675.90 | 0.35240 |
| 502321.98 | 3633675.90 | 0.36327 | 502371.98 | 3633675.90 | 0.37446 |
| 502421.98 | 3633675.90 | 0.38670 | 502471.98 | | |

```
3633675.90        0.39913
         502521.98    3633675.90        0.41238                        502571.98
3633675.90        0.42612
         502621.98    3633675.90        0.44056                        502671.98
3633675.90        0.45571
         504771.98    3633675.90        0.67662                        504821.98
3633675.90        0.68753
         504871.98    3633675.90        0.69222                        504921.98
3633675.90        0.69389
         504971.98    3633675.90        0.69126                        505021.98
3633675.90        0.67862
         505071.98    3633675.90        0.63188                        505121.98
3633675.90        0.59196
         505171.98    3633675.90        0.58376                        505221.98
3633675.90        0.59974
         502221.98    3633725.90        0.34719                        502271.98
3633725.90        0.35704
         502321.98    3633725.90        0.36842                        502371.98
3633725.90        0.38014
         502421.98    3633725.90        0.39252                        502471.98
3633725.90        0.40550
         502521.98    3633725.90        0.41918                        502571.98
3633725.90        0.43354
         502621.98    3633725.90        0.44863                        502671.98
3633725.90        0.46441
         504771.98    3633725.90        0.78878                        504821.98
3633725.90        0.76584
         504871.98    3633725.90        0.77068                        504921.98
3633725.90        0.76064
         504971.98    3633725.90        0.74570                        505021.98
3633725.90        0.71680
         505071.98    3633725.90        0.66050                        505121.98
3633725.90        0.62354
         505171.98    3633725.90        0.62675                        505221.98
3633725.90        0.63702
         502221.98    3633775.90        0.35147                        502271.98
3633775.90        0.36166
         502321.98    3633775.90        0.37380                        502371.98
3633775.90        0.38576
         502421.98    3633775.90        0.39863                        502471.98
3633775.90        0.41168
         502521.98    3633775.90        0.42590                        502571.98
3633775.90        0.44086
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 426
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***

INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 0.45643 | 502671.98 | 3633775.90 | 0.47291 |
| 504771.98 | 3633775.90 | 0.90704 | 504821.98 | 3633775.90 | 0.88741 |
| 504871.98 | 3633775.90 | 0.85247 | 504921.98 | 3633775.90 | 0.80671 |
| 504971.98 | 3633775.90 | 0.78777 | 505021.98 | 3633775.90 | 0.74734 |
| 505071.98 | 3633775.90 | 0.70429 | 505121.98 | 3633775.90 | 0.66987 |
| 505171.98 | 3633775.90 | 0.66714 | 505221.98 | 3633775.90 | 0.67778 |
| 502221.98 | 3633825.90 | 0.35612 | 502271.98 | 3633825.90 | 0.36649 |
| 502321.98 | 3633825.90 | 0.37861 | 502371.98 | 3633825.90 | 0.39114 |
| 502421.98 | 3633825.90 | 0.40418 | 502471.98 | 3633825.90 | 0.41782 |
| 502521.98 | 3633825.90 | 0.43245 | 502571.98 | 3633825.90 | 0.44800 |
| 502621.98 | 3633825.90 | 0.46440 | 502671.98 | 3633825.90 | 0.48149 |
| 504771.98 | 3633825.90 | 1.01577 | 504821.98 | 3633825.90 | 0.97286 |
| 504871.98 | 3633825.90 | 0.87266 | 504921.98 | 3633825.90 | 0.81994 |
| 504971.98 | 3633825.90 | 0.79864 | 505021.98 | 3633825.90 | 0.78316 |

505071.98 3633825.90 0.74784 505121.98
3633825.90 0.71012
505171.98 3633825.90 0.71036 505221.98
3633825.90 0.72164
502221.98 3633875.90 0.36005 502271.98
3633875.90 0.37098
502321.98 3633875.90 0.38364 502371.98
3633875.90 0.39607
502421.98 3633875.90 0.40965 502471.98
3633875.90 0.42354
502521.98 3633875.90 0.43885 502571.98
3633875.90 0.45506
502621.98 3633875.90 0.47206 502671.98
3633875.90 0.48979
504771.98 3633875.90 1.10585 504821.98
3633875.90 1.01068
504871.98 3633875.90 0.90737 504921.98
3633875.90 0.86121
504971.98 3633875.90 0.82863 505021.98
3633875.90 0.80066
505071.98 3633875.90 0.79009 505121.98
3633875.90 0.76236
505171.98 3633875.90 0.76203 505221.98
3633875.90 0.76632
502221.98 3633925.90 0.36404 502271.98
3633925.90 0.37557
502321.98 3633925.90 0.38821 502371.98
3633925.90 0.40087
502421.98 3633925.90 0.41518 502471.98
3633925.90 0.42957
502521.98 3633925.90 0.44520 502571.98
3633925.90 0.46179
502621.98 3633925.90 0.47937 502671.98
3633925.90 0.49777
504771.98 3633925.90 1.16809 504821.98
3633925.90 1.07045
504871.98 3633925.90 0.99704 504921.98
3633925.90 0.91492
504971.98 3633925.90 0.85931 505021.98
3633925.90 0.84052
505071.98 3633925.90 0.82634 505121.98
3633925.90 0.81512
505171.98 3633925.90 0.81632 505221.98
3633925.90 0.81538
502221.98 3633975.90 0.36809 502271.98
3633975.90 0.37939
502321.98 3633975.90 0.39224 502371.98
3633975.90 0.40599
502421.98 3633975.90 0.42037 502471.98
3633975.90 0.43537

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633975.90        0.48654                      502671.98
3633975.90        0.50549
         504771.98    3633975.90        1.20432                      504821.98
3633975.90        1.14308
         504871.98    3633975.90        1.09188                      504921.98
3633975.90        1.00718
         504971.98    3633975.90        0.91348                      505021.98
3633975.90        0.87727
         505071.98    3633975.90        0.85810                      505121.98
3633975.90        0.86920
         505171.98    3633975.90        0.87177                      505221.98
3633975.90        0.86655
         502221.98    3634025.90        0.37190                      502271.98
3634025.90        0.38336
         502321.98    3634025.90        0.39641                      502371.98
3634025.90        0.41048
         502421.98    3634025.90        0.42513                      502471.98
3634025.90        0.44061
         502521.98    3634025.90        0.45707                      502571.98

3634025.90 0.47460
502621.98 3634025.90 0.49340 502671.98
3634025.90 0.51316
504771.98 3634025.90 1.24561 504821.98
3634025.90 1.22582
504871.98 3634025.90 1.13232 504921.98
3634025.90 1.04302
504971.98 3634025.90 0.95181 505021.98
3634025.90 0.91844
505071.98 3634025.90 0.90251 505121.98
3634025.90 0.92044
505171.98 3634025.90 0.93178 505221.98
3634025.90 0.92262
502221.98 3634075.90 0.37492 502271.98
3634075.90 0.38706
502321.98 3634075.90 0.40031 502371.98
3634075.90 0.41431
502421.98 3634075.90 0.42907 502471.98
3634075.90 0.44498
502521.98 3634075.90 0.46210 502571.98
3634075.90 0.48061
502621.98 3634075.90 0.49981 502671.98
3634075.90 0.52059
504771.98 3634075.90 1.33064 504821.98
3634075.90 1.27381
504871.98 3634075.90 1.15035 504921.98
3634075.90 1.07324
504971.98 3634075.90 1.00703 505021.98
3634075.90 0.97119
505071.98 3634075.90 0.95858 505121.98
3634075.90 0.97224
505171.98 3634075.90 0.99181 505221.98
3634075.90 0.98657
502221.98 3634125.90 0.37754 502271.98
3634125.90 0.39066
502321.98 3634125.90 0.40402 502371.98
3634125.90 0.41859
502421.98 3634125.90 0.43371 502471.98
3634125.90 0.44981
502521.98 3634125.90 0.46693 502571.98
3634125.90 0.48526
502621.98 3634125.90 0.50576 502671.98
3634125.90 0.52749
504771.98 3634125.90 1.32364 504821.98
3634125.90 1.27234
504871.98 3634125.90 1.20287 504921.98
3634125.90 1.10642
504971.98 3634125.90 1.06940 505021.98
3634125.90 1.03339
505071.98 3634125.90 1.02838 505121.98

3634125.90        1.04742
         505171.98    3634125.90        1.05842                        505221.98
3634125.90        1.05422
         502221.98    3634175.90        0.37957                        502271.98
3634175.90        0.39280
         502321.98    3634175.90        0.40639                        502371.98
3634175.90        0.42292
         502421.98    3634175.90        0.43836                        502471.98
3634175.90        0.45474
         502521.98    3634175.90        0.47201                        502571.98
3634175.90        0.49069


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634175.90        0.51068                        502671.98
3634175.90        0.53261
         504771.98    3634175.90        1.33240                        504821.98
3634175.90        1.26951
         504871.98    3634175.90        1.21703                        504921.98
3634175.90        1.17533
         504971.98    3634175.90        1.13732                        505021.98
3634175.90        1.11545
         505071.98    3634175.90        1.08519                        505121.98
3634175.90        1.11430

505171.98 3634175.90 1.12253 505221.98 3634175.90 1.13330
502221.98 3634225.90 0.38251 502271.98 3634225.90 0.39551
502321.98 3634225.90 0.41050 502371.98 3634225.90 0.42657
502421.98 3634225.90 0.44256 502471.98 3634225.90 0.45930
502521.98 3634225.90 0.47681 502571.98 3634225.90 0.49595
502621.98 3634225.90 0.51623 502671.98 3634225.90 0.53824
504771.98 3634225.90 1.38410 504821.98 3634225.90 1.32040
504871.98 3634225.90 1.28995 504921.98 3634225.90 1.24757
504971.98 3634225.90 1.24200 505021.98 3634225.90 1.19898
505071.98 3634225.90 1.16013 505121.98 3634225.90 1.17105
505171.98 3634225.90 1.14144 505221.98 3634225.90 1.18162
502221.98 3634275.90 0.38531 502271.98 3634275.90 0.39855
502321.98 3634275.90 0.41332 502371.98 3634275.90 0.42987
502421.98 3634275.90 0.44603 502471.98 3634275.90 0.46304
502521.98 3634275.90 0.48123 502571.98 3634275.90 0.50055
502621.98 3634275.90 0.52152 502671.98 3634275.90 0.54396
504771.98 3634275.90 1.48657 504821.98 3634275.90 1.42452
504871.98 3634275.90 1.38278 504921.98 3634275.90 1.35578
504971.98 3634275.90 1.36698 505021.98 3634275.90 1.28875
505071.98 3634275.90 1.24473 505121.98 3634275.90 1.25253
505171.98 3634275.90 1.18725 505221.98 3634275.90 1.22820
502221.98 3634325.90 0.38815 502271.98 3634325.90 0.40187
502321.98 3634325.90 0.41625 502371.98 3634325.90 0.43154
502421.98 3634325.90 0.44772 502471.98 3634325.90 0.46480
502521.98 3634325.90 0.48316 502571.98 3634325.90 0.50273

```
         502621.98    3634325.90        0.52369                      502671.98
3634325.90        0.54646
         504771.98    3634325.90        1.63289                      504821.98
3634325.90        1.58378
         504871.98    3634325.90        1.53577                      504921.98
3634325.90        1.51724
         504971.98    3634325.90        1.50210                      505021.98
3634325.90        1.38449
         505071.98    3634325.90        1.33274                      505121.98
3634325.90        1.35896
         505171.98    3634325.90        1.28334                      505221.98
3634325.90        1.27340
         502221.98    3634375.90        0.39115                      502271.98
3634375.90        0.40501
         502321.98    3634375.90        0.41898                      502371.98
3634375.90        0.43394
         502421.98    3634375.90        0.45097                      502471.98
3634375.90        0.46909
         502521.98    3634375.90        0.48869                      502571.98
3634375.90        0.50871
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 429
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634375.90        0.52908                      502671.98
```

3634375.90 0.55026
504771.98 3634375.90 1.81383 504821.98
3634375.90 1.78744
504871.98 3634375.90 1.72830 504921.98
3634375.90 1.70765
504971.98 3634375.90 1.63878 505021.98
3634375.90 1.49522
505071.98 3634375.90 1.44697 505121.98
3634375.90 1.48859
505171.98 3634375.90 1.40910 505221.98
3634375.90 1.35232
502221.98 3634425.90 0.39433 502271.98
3634425.90 0.40843
502321.98 3634425.90 0.42311 502371.98
3634425.90 0.43870
502421.98 3634425.90 0.45542 502471.98
3634425.90 0.47294
502521.98 3634425.90 0.49198 502571.98
3634425.90 0.51215
502621.98 3634425.90 0.53383 502671.98
3634425.90 0.55696
504771.98 3634425.90 2.00228 504821.98
3634425.90 1.95120
504871.98 3634425.90 1.97690 504921.98
3634425.90 2.00200
504971.98 3634425.90 1.80774 505021.98
3634425.90 1.70606
505071.98 3634425.90 1.69096 505121.98
3634425.90 1.65885
505171.98 3634425.90 1.55766 505221.98
3634425.90 1.47260
502221.98 3634475.90 0.39626 502271.98
3634475.90 0.41036
502321.98 3634475.90 0.42523 502371.98
3634475.90 0.44102
502421.98 3634475.90 0.45779 502471.98
3634475.90 0.47554
502521.98 3634475.90 0.49478 502571.98
3634475.90 0.51519
502621.98 3634475.90 0.53702 502671.98
3634475.90 0.56049
504771.98 3634475.90 2.22688 504821.98
3634475.90 2.10968
504871.98 3634475.90 2.13146 504921.98
3634475.90 2.34880
504971.98 3634475.90 2.16107 505021.98
3634475.90 2.04687
505071.98 3634475.90 1.99478 505121.98
3634475.90 1.87692
505171.98 3634475.90 1.74194 505221.98

```
3634475.90        1.62962
         502221.98    3634525.90        0.39795                        502271.98
3634525.90        0.41200
         502321.98    3634525.90        0.42695                        502371.98
3634525.90        0.44288
         502421.98    3634525.90        0.45972                        502471.98
3634525.90        0.47772
         502521.98    3634525.90        0.49687                        502571.98
3634525.90        0.51751
         502621.98    3634525.90        0.53957                        502671.98
3634525.90        0.56367
         504771.98    3634525.90        2.57822                        504821.98
3634525.90        2.37544
         504871.98    3634525.90        2.39152                        504921.98
3634525.90        2.72344
         504971.98    3634525.90        2.79051                        505021.98
3634525.90        2.56185
         505071.98    3634525.90        2.37267                        505121.98
3634525.90        2.12741
         505171.98    3634525.90        1.91179                        505221.98
3634525.90        1.74241
         502221.98    3634575.90        0.39969                        502271.98
3634575.90        0.41338
         502321.98    3634575.90        0.42828                        502371.98
3634575.90        0.44422
         502421.98    3634575.90        0.46122                        502471.98
3634575.90        0.47936
         502521.98    3634575.90        0.49862                        502571.98
3634575.90        0.51929
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 430
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 0.54147 | 502671.98 | 3634575.90 | 0.56556 |
| 504771.98 | 3634575.90 | 3.30359 | 504821.98 | 3634575.90 | 2.98463 |
| 504871.98 | 3634575.90 | 3.10889 | 504921.98 | 3634575.90 | 3.61576 |
| 504971.98 | 3634575.90 | 3.36330 | 505021.98 | 3634575.90 | 2.87312 |
| 505071.98 | 3634575.90 | 2.56792 | 505121.98 | 3634575.90 | 2.31504 |
| 505171.98 | 3634575.90 | 1.93956 | 505221.98 | 3634575.90 | 1.78580 |
| 502221.98 | 3634625.90 | 0.40079 | 502271.98 | 3634625.90 | 0.41488 |
| 502321.98 | 3634625.90 | 0.42930 | 502371.98 | 3634625.90 | 0.44523 |
| 502421.98 | 3634625.90 | 0.46219 | 502471.98 | 3634625.90 | 0.48035 |
| 502521.98 | 3634625.90 | 0.50010 | 502571.98 | 3634625.90 | 0.52076 |
| 502621.98 | 3634625.90 | 0.54297 | 502671.98 | 3634625.90 | 0.56670 |
| 504771.98 | 3634625.90 | 4.98952 | 504821.98 | 3634625.90 | 5.21699 |
| 504871.98 | 3634625.90 | 4.81248 | 504921.98 | 3634625.90 | 4.37265 |
| 504971.98 | 3634625.90 | 3.67569 | 505021.98 | 3634625.90 | 3.09661 |
| 505071.98 | 3634625.90 | 2.65467 | 505121.98 | 3634625.90 | 2.40128 |
| 505171.98 | 3634625.90 | 1.97690 | 505221.98 | 3634625.90 | 1.81334 |
| 502221.98 | 3634675.90 | 0.40127 | 502271.98 | 3634675.90 | 0.41580 |
| 502321.98 | 3634675.90 | 0.43093 | 502371.98 | 3634675.90 | 0.44675 |
| 502421.98 | 3634675.90 | 0.46378 | 502471.98 | 3634675.90 | 0.48188 |
| 502521.98 | 3634675.90 | 0.50115 | 502571.98 | 3634675.90 | 0.52188 |
| 502621.98 | 3634675.90 | 0.54401 | 502671.98 | 3634675.90 | 0.56747 |

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         504771.98    3634675.90        7.32807                        504821.98
3634675.90        6.50627
         504871.98    3634675.90        5.33124                        504921.98
3634675.90        4.85970
         504971.98    3634675.90        4.27347                        505021.98
3634675.90        3.35655
         505071.98    3634675.90        2.70845                        505121.98
3634675.90        2.47695
         505171.98    3634675.90        2.12074                        505221.98
3634675.90        1.92156
         502221.98    3634725.90        0.40166                        502271.98
3634725.90        0.41603
         502321.98    3634725.90        0.43070                        502371.98
3634725.90        0.44663
         502421.98    3634725.90        0.46401                        502471.98
3634725.90        0.48217
         502521.98    3634725.90        0.50125                        502571.98
3634725.90        0.52202
         502621.98    3634725.90        0.54399                        502671.98
3634725.90        0.56774
         504771.98    3634725.90        8.39616                        504821.98
3634725.90        7.31806
         504871.98    3634725.90        6.48162                        504921.98
3634725.90        5.37723
         504971.98    3634725.90        4.33890                        505021.98
3634725.90        3.25690
         505071.98    3634725.90        2.78157                        505121.98
3634725.90        2.51022
         505171.98    3634725.90        2.16376                        505221.98
3634725.90        2.02354
         502221.98    3634775.90        0.40224                        502271.98
3634775.90        0.41659
         502321.98    3634775.90        0.43078                        502371.98
3634775.90        0.44645
         502421.98    3634775.90        0.46320                        502471.98
3634775.90        0.48126
         502521.98    3634775.90        0.50116                        502571.98
3634775.90        0.52149
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 431
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
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```
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634775.90        0.54337                       502671.98
3634775.90        0.56693
         504771.98    3634775.90        9.75985                       504821.98
3634775.90        8.33780
         504871.98    3634775.90        7.29354                       504921.98
3634775.90        5.61872
         504971.98    3634775.90        3.91537                       505021.98
3634775.90        3.12764
         505071.98    3634775.90        2.86908                       505121.98
3634775.90        2.63446
         505171.98    3634775.90        2.26997                       505221.98
3634775.90        2.10025
         502221.98    3634825.90        0.40229                       502271.98
3634825.90        0.41645
         502321.98    3634825.90        0.43113                       502371.98
3634825.90        0.44682
         502421.98    3634825.90        0.46317                       502471.98
3634825.90        0.48044
         502521.98    3634825.90        0.50034                       502571.98
3634825.90        0.52077
         502621.98    3634825.90        0.54238                       502671.98
3634825.90        0.56543
         504771.98    3634825.90       11.56459                       504821.98
3634825.90        9.60733
         504871.98    3634825.90        7.87706                       504921.98
3634825.90        5.43751
         504971.98    3634825.90        3.64771                       505021.98
3634825.90        3.00252
         505071.98    3634825.90        2.81817                       505121.98
3634825.90        2.65530
         505171.98    3634825.90        2.38292                       505221.98
3634825.90        2.22532
         502221.98    3634875.90        0.40235                       502271.98
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3634875.90        0.41579
         502321.98    3634875.90        0.43046                        502371.98
3634875.90        0.44617
         502421.98    3634875.90        0.46275                        502471.98
3634875.90        0.48035
         502521.98    3634875.90        0.49909                        502571.98
3634875.90        0.51913
         502621.98    3634875.90        0.54057                        502671.98
3634875.90        0.56351
         504771.98    3634875.90       14.11747                        504821.98
3634875.90       11.34221
         504871.98    3634875.90        9.25863                        504921.98
3634875.90        5.65444
         504971.98    3634875.90        3.85754                        505021.98
3634875.90        3.20568
         505071.98    3634875.90        2.88117                        505121.98
3634875.90        2.73176
         505171.98    3634875.90        2.54461                        505221.98
3634875.90        2.41561
         502221.98    3634925.90        0.40157                        502271.98
3634925.90        0.41493
         502321.98    3634925.90        0.42955                        502371.98
3634925.90        0.44501
         502421.98    3634925.90        0.46145                        502471.98
3634925.90        0.47868
         502521.98    3634925.90        0.49733                        502571.98
3634925.90        0.51709
         502621.98    3634925.90        0.53808                        502671.98
3634925.90        0.56082
         504771.98    3634925.90       18.01733                        504821.98
3634925.90       13.77400
         504871.98    3634925.90       11.20919                        504921.98
3634925.90        6.99780
         504971.98    3634925.90        4.49085                        505021.98
3634925.90        3.56580
         505071.98    3634925.90        3.16788                        505121.98
3634925.90        2.97407
         505171.98    3634925.90        2.78920                        505221.98
3634925.90        2.65966
         502221.98    3634975.90        0.40051                        502271.98
3634975.90        0.41382
         502321.98    3634975.90        0.42810                        502371.98
3634975.90        0.44342
         502421.98    3634975.90        0.45964                        502471.98
3634975.90        0.47674
         502521.98    3634975.90        0.49513                        502571.98
3634975.90        0.51450
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***

INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 0.53523 | 502671.98 | 3634975.90 | 0.55742 |
| 504821.98 | 3634975.90 | 17.37519 | 504871.98 | 3634975.90 | 13.72562 |
| 504921.98 | 3634975.90 | 10.35625 | 504971.98 | 3634975.90 | 5.25398 |
| 505021.98 | 3634975.90 | 4.13265 | 505071.98 | 3634975.90 | 3.62493 |
| 505121.98 | 3634975.90 | 3.45003 | 505171.98 | 3634975.90 | 3.23101 |
| 505221.98 | 3634975.90 | 3.03531 | 502221.98 | 3635025.90 | 0.39918 |
| 502271.98 | 3635025.90 | 0.41231 | 502321.98 | 3635025.90 | 0.42653 |
| 502371.98 | 3635025.90 | 0.44156 | 502421.98 | 3635025.90 | 0.45766 |
| 502471.98 | 3635025.90 | 0.47461 | 502521.98 | 3635025.90 | 0.49267 |
| 502571.98 | 3635025.90 | 0.51175 | 502621.98 | 3635025.90 | 0.53210 |
| 502671.98 | 3635025.90 | 0.55370 | 504871.98 | 3635025.90 | 17.48522 |
| 504921.98 | 3635025.90 | 13.30124 | 504971.98 | 3635025.90 | 6.87680 |

505021.98 3635025.90 4.92147 505071.98
3635025.90 4.32196
505121.98 3635025.90 4.19452 505171.98
3635025.90 3.95447
505221.98 3635025.90 3.64071 502221.98
3635075.90 0.39736
502271.98 3635075.90 0.41045 502321.98
3635075.90 0.42481
502371.98 3635075.90 0.43962 502421.98
3635075.90 0.45552
502471.98 3635075.90 0.47226 502521.98
3635075.90 0.48994
502571.98 3635075.90 0.50863 502621.98
3635075.90 0.52843
502671.98 3635075.90 0.54972 504921.98
3635075.90 18.58521
504971.98 3635075.90 12.88667 505021.98
3635075.90 6.49673
505071.98 3635075.90 5.74538 505121.98
3635075.90 5.70900
505171.98 3635075.90 5.94462 505221.98
3635075.90 5.14891
502221.98 3635125.90 0.39560 502271.98
3635125.90 0.40842
502321.98 3635125.90 0.42261 502371.98
3635125.90 0.43730
502421.98 3635125.90 0.45288 502471.98
3635125.90 0.46942
502521.98 3635125.90 0.48674 502571.98
3635125.90 0.50507
502621.98 3635125.90 0.52460 502671.98
3635125.90 0.54530
505021.98 3635125.90 14.78220 505071.98
3635125.90 11.11749
505121.98 3635125.90 11.53487 505171.98
3635125.90 11.52510
505221.98 3635125.90 8.08900 502221.98
3635175.90 0.39358
502271.98 3635175.90 0.40628 502321.98
3635175.90 0.42020
502371.98 3635175.90 0.43472 502421.98
3635175.90 0.45004
502471.98 3635175.90 0.46623 502521.98
3635175.90 0.48334
502571.98 3635175.90 0.50133 502621.98
3635175.90 0.52032
502671.98 3635175.90 0.54070 505121.98
3635175.90 17.81097
505171.98 3635175.90 16.67701 505221.98
3635175.90 15.66169

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 0.47935 | 502571.98 | 3635225.90 | 0.49704 |
| 502621.98 | 3635225.90 | 0.51582 | 502671.98 | 3635225.90 | 0.53565 |
| 502221.98 | 3635275.90 | 0.38880 | 502271.98 | 3635275.90 | 0.40126 |
| 502321.98 | 3635275.90 | 0.41459 | 502371.98 | 3635275.90 | 0.42857 |
| 502421.98 | 3635275.90 | 0.44328 | 502471.98 | 3635275.90 | 0.45883 |
| 502521.98 | 3635275.90 | 0.47530 | 502571.98 | 3635275.90 | 0.49259 |
| 502621.98 | 3635275.90 | 0.51094 | 502671.98 | 3635275.90 | 0.53041 |
| 502221.98 | 3635325.90 | 0.38608 | 502271.98 | | |

3635325.90 0.39836
502321.98 3635325.90 0.41141 502371.98
3635325.90 0.42513
502421.98 3635325.90 0.43958 502471.98
3635325.90 0.45480
502521.98 3635325.90 0.47086 502571.98
3635325.90 0.48779
502621.98 3635325.90 0.50572 502671.98
3635325.90 0.52472
502221.98 3635375.90 0.38315 502271.98
3635375.90 0.39525
502321.98 3635375.90 0.40804 502371.98
3635375.90 0.42147
502421.98 3635375.90 0.43561 502471.98
3635375.90 0.45050
502521.98 3635375.90 0.46617 502571.98
3635375.90 0.48273
502621.98 3635375.90 0.50022 502671.98
3635375.90 0.51871
502221.98 3635425.90 0.38008 502271.98
3635425.90 0.39195
502321.98 3635425.90 0.40446 502371.98
3635425.90 0.41761
502421.98 3635425.90 0.43143 502471.98
3635425.90 0.44599
502521.98 3635425.90 0.46131 502571.98
3635425.90 0.47745
502621.98 3635425.90 0.49449 502671.98
3635425.90 0.51247
504771.98 3635425.90 4.97019 502221.98
3635475.90 0.37684
502271.98 3635475.90 0.38850 502321.98
3635475.90 0.40073
502371.98 3635475.90 0.41359 502421.98
3635475.90 0.42709
502471.98 3635475.90 0.44664 502521.98
3635475.90 0.45623
502571.98 3635475.90 0.47196 502621.98
3635475.90 0.48854
502671.98 3635475.90 0.50603 504771.98
3635475.90 4.36642
504821.98 3635475.90 4.69588 504871.98
3635475.90 5.06037
504921.98 3635475.90 5.42869 502221.98
3635525.90 0.38958
502271.98 3635525.90 0.38488 502321.98
3635525.90 0.39685
502371.98 3635525.90 0.40940 502421.98
3635525.90 0.42259
502471.98 3635525.90 0.43887 502521.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 0.79329 | 503321.98 | 3635525.90 | 0.82735 |
| 503371.98 | 3635525.90 | 0.86189 | 503421.98 | 3635525.90 | 0.90053 |
| 503471.98 | 3635525.90 | 0.93915 | 503521.98 | 3635525.90 | 0.98217 |

503571.98 3635525.90 1.03017 503621.98
3635525.90 1.08230
503671.98 3635525.90 1.13414 503721.98
3635525.90 1.18930
503771.98 3635525.90 1.24727 503821.98
3635525.90 1.30576
503871.98 3635525.90 1.37625 503921.98
3635525.90 1.44477
503971.98 3635525.90 1.51746 504021.98
3635525.90 1.60131
504071.98 3635525.90 1.68496 504121.98
3635525.90 1.77533
504171.98 3635525.90 1.87291 504221.98
3635525.90 1.97428
504271.98 3635525.90 2.08848 504321.98
3635525.90 2.20886
504371.98 3635525.90 2.33751 504421.98
3635525.90 2.47672
504471.98 3635525.90 2.62515 504521.98
3635525.90 2.78814
504571.98 3635525.90 2.97283 504621.98
3635525.90 3.16754
504671.98 3635525.90 3.37782 504721.98
3635525.90 3.60948
504771.98 3635525.90 3.84855 504821.98
3635525.90 4.10516
504871.98 3635525.90 4.37193 504921.98
3635525.90 4.62625
504971.98 3635525.90 4.90745 505021.98
3635525.90 5.19564
505071.98 3635525.90 5.45080 505121.98
3635525.90 5.68521
505171.98 3635525.90 5.89706 505221.98
3635525.90 6.08369
502221.98 3635575.90 0.38793 502271.98
3635575.90 0.38396
502321.98 3635575.90 0.39282 502371.98
3635575.90 0.40604
502421.98 3635575.90 0.42053 502471.98
3635575.90 0.43328
502521.98 3635575.90 0.44605 502571.98
3635575.90 0.46116
502621.98 3635575.90 0.47776 502671.98
3635575.90 0.50004
502721.98 3635575.90 0.51774 502771.98
3635575.90 0.53399
502821.98 3635575.90 0.55187 502871.98
3635575.90 0.57124
502921.98 3635575.90 0.59131 502971.98
3635575.90 0.61421

```
         503021.98    3635575.90        0.63701                        503071.98
3635575.90        0.65927
         503121.98    3635575.90        0.68587                        503171.98
3635575.90        0.71359
         503221.98    3635575.90        0.74136                        503271.98
3635575.90        0.77254
         503321.98    3635575.90        0.80417                        503371.98
3635575.90        0.83811
         503421.98    3635575.90        0.87357                        503471.98
3635575.90        0.91219
         503521.98    3635575.90        0.95479                        503571.98
3635575.90        0.99372
         503621.98    3635575.90        1.04244                        503671.98
3635575.90        1.09346
         503721.98    3635575.90        1.14438                        503771.98
3635575.90        1.19784
         503821.98    3635575.90        1.25666                        503871.98
3635575.90        1.31614
         503921.98    3635575.90        1.37914                        503971.98
3635575.90        1.44694
         504021.98    3635575.90        1.52183                        504071.98
3635575.90        1.59847
         504121.98    3635575.90        1.68056                        504171.98
3635575.90        1.76807
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 435
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
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Y-COORD (M)  CONC

- - - -

```
3635625.90        0.94788
         503571.98    3635625.90        0.96563                        503621.98
3635625.90        1.00372
         503671.98    3635625.90        1.04885                        503721.98
3635625.90        1.09669
         503771.98    3635625.90        1.14716                        503821.98
3635625.90        1.20140
         503871.98    3635625.90        1.26195                        503921.98
3635625.90        1.32056
         503971.98    3635625.90        1.38266                        504021.98
3635625.90        1.44879
         504071.98    3635625.90        1.51806                        504121.98
3635625.90        1.59207
         504171.98    3635625.90        1.67054                        504221.98
3635625.90        1.75421
         504271.98    3635625.90        1.84207                        504321.98
3635625.90        1.93269
         504371.98    3635625.90        2.03217                        504421.98
3635625.90        2.13909
         504471.98    3635625.90        2.24935                        504521.98
3635625.90        2.36757
         504571.98    3635625.90        2.48987                        504621.98
3635625.90        2.62475
         504671.98    3635625.90        2.76389                        504721.98
3635625.90        2.91290
         504771.98    3635625.90        3.06836                        504821.98
3635625.90        3.22543
         504871.98    3635625.90        3.37973                        504921.98
3635625.90        3.52615
         504971.98    3635625.90        3.69100                        505021.98
3635625.90        3.82588
         505071.98    3635625.90        3.96472                        505121.98
3635625.90        4.11905
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44

                                  PAGE 436
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
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, L0001021    , L0001022    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 4.23226 | 505221.98 | 3635625.90 | 4.33366 |
| 502221.98 | 3635675.90 | 0.39017 | 502271.98 | 3635675.90 | 0.38869 |
| 502321.98 | 3635675.90 | 0.39816 | 502371.98 | 3635675.90 | 0.40768 |
| 502421.98 | 3635675.90 | 0.42042 | 502471.98 | 3635675.90 | 0.43235 |
| 502521.98 | 3635675.90 | 0.44443 | 502571.98 | 3635675.90 | 0.45624 |
| 502621.98 | 3635675.90 | 0.46906 | 502671.98 | 3635675.90 | 0.48375 |
| 502721.98 | 3635675.90 | 0.50069 | 502771.98 | 3635675.90 | 0.51984 |
| 502821.98 | 3635675.90 | 0.53822 | 502871.98 | 3635675.90 | 0.56066 |
| 502921.98 | 3635675.90 | 0.58965 | 502971.98 | 3635675.90 | 0.60829 |
| 503021.98 | 3635675.90 | 0.63497 | 503071.98 | 3635675.90 | 0.65863 |
| 503121.98 | 3635675.90 | 0.68612 | 503171.98 | 3635675.90 | 0.71385 |
| 503221.98 | 3635675.90 | 0.73386 | 503271.98 | 3635675.90 | 0.75966 |
| 503321.98 | 3635675.90 | 0.79067 | 503371.98 | 3635675.90 | 0.81908 |
| 503421.98 | 3635675.90 | 0.84707 | 503471.98 | 3635675.90 | 0.88751 |
| 503521.98 | 3635675.90 | 0.93025 | 503571.98 | 3635675.90 | 0.95072 |
| 503621.98 | 3635675.90 | 0.96949 | 503671.98 | 3635675.90 | 1.01181 |
| 503721.98 | 3635675.90 | 1.05618 | 503771.98 | 3635675.90 | 1.10320 |
| 503821.98 | 3635675.90 | 1.15241 | 503871.98 | 3635675.90 | 1.20546 |
| 503921.98 | 3635675.90 | 1.25883 | 503971.98 | 3635675.90 | 1.31753 |

```
         504021.98    3635675.90        1.38026                        504071.98
3635675.90        1.44326
         504121.98    3635675.90        1.50957                        504171.98
3635675.90        1.57995
         504221.98    3635675.90        1.65444                        504271.98
3635675.90        1.73321
         504321.98    3635675.90        1.81514                        504371.98
3635675.90        1.90032
         504421.98    3635675.90        1.99182                        504471.98
3635675.90        2.09059
         504521.98    3635675.90        2.19408                        504571.98
3635675.90        2.29649
         504621.98    3635675.90        2.41133                        504671.98
3635675.90        2.52350
         504721.98    3635675.90        2.64202                        504771.98
3635675.90        2.77753
         504821.98    3635675.90        2.89618                        504871.98
3635675.90        3.01872
         504921.98    3635675.90        3.13501                        504971.98
3635675.90        3.26312
         505021.98    3635675.90        3.37460                        505071.98
3635675.90        3.47552
         505121.98    3635675.90        3.59100                        505171.98
3635675.90        3.68092
         505221.98    3635675.90        3.75573                        502221.98
3635725.90        0.38884
         502271.98    3635725.90        0.38902                        502321.98
3635725.90        0.39316
         502371.98    3635725.90        0.40149                        502421.98
3635725.90        0.41378
         502471.98    3635725.90        0.42531                        502521.98
3635725.90        0.43804
         502571.98    3635725.90        0.44863                        502621.98
3635725.90        0.46107
         502671.98    3635725.90        0.47614                        502721.98
3635725.90        0.49178
         502771.98    3635725.90        0.51098                        502821.98
3635725.90        0.53359
         502871.98    3635725.90        0.55474                        502921.98
3635725.90        0.58817
         502971.98    3635725.90        0.60988                        503021.98
3635725.90        0.63961
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 437
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***

INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 0.66092 | 503121.98 | 3635725.90 | 0.68592 |
| 503171.98 | 3635725.90 | 0.71059 | 503221.98 | 3635725.90 | 0.72573 |
| 503271.98 | 3635725.90 | 0.75202 | 503321.98 | 3635725.90 | 0.78325 |
| 503371.98 | 3635725.90 | 0.81139 | 503421.98 | 3635725.90 | 0.83211 |
| 503471.98 | 3635725.90 | 0.86387 | 503521.98 | 3635725.90 | 0.90067 |
| 503571.98 | 3635725.90 | 0.92107 | 503621.98 | 3635725.90 | 0.95393 |
| 503671.98 | 3635725.90 | 0.97634 | 503721.98 | 3635725.90 | 1.01787 |
| 503771.98 | 3635725.90 | 1.06164 | 503821.98 | 3635725.90 | 1.10707 |
| 503871.98 | 3635725.90 | 1.15444 | 503921.98 | 3635725.90 | 1.20434 |
| 503971.98 | 3635725.90 | 1.25687 | 504021.98 | 3635725.90 | 1.31572 |
| 504071.98 | 3635725.90 | 1.37314 | 504121.98 | 3635725.90 | 1.43305 |
| 504171.98 | 3635725.90 | 1.49644 | 504221.98 | 3635725.90 | 1.56414 |
| 504271.98 | 3635725.90 | 1.63420 | 504321.98 | 3635725.90 | 1.70600 |
| 504371.98 | 3635725.90 | 1.78242 | 504421.98 | 3635725.90 | 1.86141 |
| 504471.98 | 3635725.90 | 1.94747 | 504521.98 | | |

3635725.90 2.03643
504571.98 3635725.90 2.12529 504621.98
3635725.90 2.22024
504671.98 3635725.90 2.31792 504721.98
3635725.90 2.41260
504771.98 3635725.90 2.51207 504821.98
3635725.90 2.61644
504871.98 3635725.90 2.71384 504921.98
3635725.90 2.81116
504971.98 3635725.90 2.91257 505021.98
3635725.90 3.00512
505071.98 3635725.90 3.08413 505121.98
3635725.90 3.16888
505171.98 3635725.90 3.23833 505221.98
3635725.90 3.29650
502221.98 3635775.90 0.38736 502271.98
3635775.90 0.38542
502321.98 3635775.90 0.39052 502371.98
3635775.90 0.39567
502421.98 3635775.90 0.40835 502471.98
3635775.90 0.41961
502521.98 3635775.90 0.43217 502571.98
3635775.90 0.44230
502621.98 3635775.90 0.45465 502671.98
3635775.90 0.46871
502721.98 3635775.90 0.48239 502771.98
3635775.90 0.49837
502821.98 3635775.90 0.52223 502871.98
3635775.90 0.54573
502921.98 3635775.90 0.57953 502971.98
3635775.90 0.60280
503021.98 3635775.90 0.62758 503071.98
3635775.90 0.64877
503121.98 3635775.90 0.67112 503171.98
3635775.90 0.69430
503221.98 3635775.90 0.71052 503271.98
3635775.90 0.72740
503321.98 3635775.90 0.76064 503371.98
3635775.90 0.80001
503421.98 3635775.90 0.82653 503471.98
3635775.90 0.85019
503521.98 3635775.90 0.89456 503571.98
3635775.90 0.91483
503621.98 3635775.90 0.94389 503671.98
3635775.90 0.96244
503721.98 3635775.90 0.98183 503771.98
3635775.90 1.02260
503821.98 3635775.90 1.06427 503871.98
3635775.90 1.10881
503921.98 3635775.90 1.16101 503971.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

505021.98 3635775.90 2.69510 505071.98
3635775.90 2.75801
505121.98 3635775.90 2.82223 505171.98
3635775.90 2.87710
505221.98 3635775.90 2.92371 502221.98
3635825.90 0.38377
502271.98 3635825.90 0.38152 502321.98
3635825.90 0.38700
502371.98 3635825.90 0.39026 502421.98
3635825.90 0.40449
502471.98 3635825.90 0.41453 502521.98
3635825.90 0.42813
502571.98 3635825.90 0.43662 502621.98
3635825.90 0.44794
502671.98 3635825.90 0.46152 502721.98
3635825.90 0.47691
502771.98 3635825.90 0.49184 502821.98
3635825.90 0.51474
502871.98 3635825.90 0.53646 502921.98
3635825.90 0.57322
502971.98 3635825.90 0.59202 503021.98
3635825.90 0.61265
503071.98 3635825.90 0.63080 503121.98
3635825.90 0.65263
503171.98 3635825.90 0.67622 503221.98
3635825.90 0.68062
503271.98 3635825.90 0.70050 503321.98
3635825.90 0.73187
503371.98 3635825.90 0.77525 503421.98
3635825.90 0.80535
503471.98 3635825.90 0.83461 503521.98
3635825.90 0.84653
503571.98 3635825.90 0.88496 503621.98
3635825.90 0.93154
503671.98 3635825.90 0.94988 503721.98
3635825.90 0.97377
503771.98 3635825.90 0.99122 503821.98
3635825.90 1.02973
503871.98 3635825.90 1.06886 503921.98
3635825.90 1.11631
503971.98 3635825.90 1.16256 504021.98
3635825.90 1.19397
504071.98 3635825.90 1.24626 504121.98
3635825.90 1.29595
504171.98 3635825.90 1.34655 504221.98
3635825.90 1.40157
504271.98 3635825.90 1.45963 504321.98
3635825.90 1.51713
504371.98 3635825.90 1.57471 504421.98
3635825.90 1.63620

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504471.98 | 3635825.90 | 1.70083 | 504521.98 | 3635825.90 | 1.76758 |
| 504571.98 | 3635825.90 | 1.83344 | 504621.98 | 3635825.90 | 1.90210 |
| 504671.98 | 3635825.90 | 1.97034 | 504721.98 | 3635825.90 | 2.03771 |
| 504771.98 | 3635825.90 | 2.10705 | 504821.98 | 3635825.90 | 2.17724 |
| 504871.98 | 3635825.90 | 2.24515 | 504921.98 | 3635825.90 | 2.30945 |
| 504971.98 | 3635825.90 | 2.37328 | 505021.98 | 3635825.90 | 2.43241 |
| 505071.98 | 3635825.90 | 2.48722 | 505121.98 | 3635825.90 | 2.53517 |
| 505171.98 | 3635825.90 | 2.57905 | 505221.98 | 3635825.90 | 2.61547 |
| 502221.98 | 3635875.90 | 0.38127 | 502271.98 | 3635875.90 | 0.37613 |
| 502321.98 | 3635875.90 | 0.38054 | 502371.98 | 3635875.90 | 0.38539 |
| 502421.98 | 3635875.90 | 0.39985 | 502471.98 | | |

3635875.90 0.41055
502521.98 3635875.90 0.42473 502571.98
3635875.90 0.43354
502621.98 3635875.90 0.44897 502671.98
3635875.90 0.46191
502721.98 3635875.90 0.47484 502771.98
3635875.90 0.48875
502821.98 3635875.90 0.50870 502871.98
3635875.90 0.52869
502921.98 3635875.90 0.56341 502971.98
3635875.90 0.58101
503021.98 3635875.90 0.59579 503071.98
3635875.90 0.61251
503121.98 3635875.90 0.63260 503171.98
3635875.90 0.65563
503221.98 3635875.90 0.67217 503271.98
3635875.90 0.68641
503321.98 3635875.90 0.72186 503371.98
3635875.90 0.74840
503421.98 3635875.90 0.77886 503471.98
3635875.90 0.80491
503521.98 3635875.90 0.77586 503571.98
3635875.90 0.84684
503621.98 3635875.90 0.89789 503671.98
3635875.90 0.91738
503721.98 3635875.90 0.94369 503771.98
3635875.90 0.96925
503821.98 3635875.90 1.00865 503871.98
3635875.90 1.05750
503921.98 3635875.90 1.09123 503971.98
3635875.90 1.12551
504021.98 3635875.90 1.14411 504071.98
3635875.90 1.19696
504121.98 3635875.90 1.23746 504171.98
3635875.90 1.28247
504221.98 3635875.90 1.33511 504271.98
3635875.90 1.38883
504321.98 3635875.90 1.43673 504371.98
3635875.90 1.48925
504421.98 3635875.90 1.54605 504471.98
3635875.90 1.59458
504521.98 3635875.90 1.65181 504571.98
3635875.90 1.70994
504621.98 3635875.90 1.76871 504671.98
3635875.90 1.82733
504721.98 3635875.90 1.88371 504771.98
3635875.90 1.94228
504821.98 3635875.90 2.00101 504871.98
3635875.90 2.05691
504921.98 3635875.90 2.11081 504971.98

3635875.90        2.16421
         505021.98    3635875.90        2.21060                       505071.98
3635875.90        2.25355
         505121.98    3635875.90        2.29379                       505171.98
3635875.90        2.32805
         505221.98    3635875.90        2.35700                       502221.98
3635925.90        0.37759
         502271.98    3635925.90        0.37188                       502321.98
3635925.90        0.37828
         502371.98    3635925.90        0.38185                       502421.98
3635925.90        0.39507
         502471.98    3635925.90        0.40583                       502521.98
3635925.90        0.42055
         502571.98    3635925.90        0.43156                       502621.98
3635925.90        0.44452
         502671.98    3635925.90        0.45723                       502721.98
3635925.90        0.46994
         502771.98    3635925.90        0.48329                       502821.98
3635925.90        0.50279


                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         502871.98    3635925.90        0.52234                       502921.98
3635925.90        0.55107

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         502971.98    3635925.90        0.56757                    503021.98
3635925.90        0.57917
         503071.98    3635925.90        0.59366                    503121.98
3635925.90        0.61251
         503171.98    3635925.90        0.63196                    503221.98
3635925.90        0.64881
         503271.98    3635925.90        0.67032                    503321.98
3635925.90        0.69750
         503371.98    3635925.90        0.72438                    503421.98
3635925.90        0.75045
         503471.98    3635925.90        0.75452                    503521.98
3635925.90        0.74567
         503571.98    3635925.90        0.80557                    503621.98
3635925.90        0.86558
         503671.98    3635925.90        0.88785                    503721.98
3635925.90        0.91610
         503771.98    3635925.90        0.94907                    503821.98
3635925.90        0.98139
         503871.98    3635925.90        1.01211                    503921.98
3635925.90        1.04650
         503971.98    3635925.90        1.08482                    504021.98
3635925.90        1.10260
         504071.98    3635925.90        1.14738                    504121.98
3635925.90        1.19595
         504171.98    3635925.90        1.24257                    504221.98
3635925.90        1.30246
         504271.98    3635925.90        1.33027                    504321.98
3635925.90        1.36555
         504371.98    3635925.90        1.41548                    504421.98
3635925.90        1.46660
         504471.98    3635925.90        1.51433                    504521.98
3635925.90        1.56064
         504571.98    3635925.90        1.60167                    504621.98
3635925.90        1.64810
         504671.98    3635925.90        1.69953                    504721.98
3635925.90        1.74943
         504771.98    3635925.90        1.79817                    504821.98
3635925.90        1.84547
         504871.98    3635925.90        1.89275                    504921.98
3635925.90        1.93772
         504971.98    3635925.90        1.98287                    505021.98
3635925.90        2.02274
         505071.98    3635925.90        2.05831                    505121.98
3635925.90        2.08844
         505171.98    3635925.90        2.11506                    505221.98
3635925.90        2.14747
         502221.98    3635975.90        0.37372                    502271.98
3635975.90        0.37301
         502321.98    3635975.90        0.37668                    502371.98
3635975.90        0.38040
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         502421.98    3635975.90        0.39175                        502471.98
3635975.90        0.40191
         502521.98    3635975.90        0.41478                        502571.98
3635975.90        0.42394
         502621.98    3635975.90        0.43672                        502671.98
3635975.90        0.45118
         502721.98    3635975.90        0.46454                        502771.98
3635975.90        0.47892
         502821.98    3635975.90        0.49966                        502871.98
3635975.90        0.51461
         502921.98    3635975.90        0.53820                        502971.98
3635975.90        0.55371
         503021.98    3635975.90        0.56320                        503071.98
3635975.90        0.57847
         503121.98    3635975.90        0.59344                        503171.98
3635975.90        0.61106
         503221.98    3635975.90        0.62888                        503271.98
3635975.90        0.65209
         503321.98    3635975.90        0.67548                        503371.98
3635975.90        0.70408
         503421.98    3635975.90        0.70763                        503471.98
3635975.90        0.71198
         503521.98    3635975.90        0.74234                        503571.98
3635975.90        0.80024
         503621.98    3635975.90        0.83346                        503671.98
3635975.90        0.85927
         503721.98    3635975.90        0.88771                        503771.98
3635975.90        0.91733
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 441
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 0.94645 | 503871.98 | 3635975.90 | 0.97412 |
| 503921.98 | 3635975.90 | 1.00593 | 503971.98 | 3635975.90 | 1.04009 |
| 504021.98 | 3635975.90 | 1.07807 | 504071.98 | 3635975.90 | 1.11914 |
| 504121.98 | 3635975.90 | 1.16066 | 504171.98 | 3635975.90 | 1.20378 |
| 504221.98 | 3635975.90 | 1.24531 | 504271.98 | 3635975.90 | 1.28162 |
| 504321.98 | 3635975.90 | 1.32245 | 504371.98 | 3635975.90 | 1.36844 |
| 504421.98 | 3635975.90 | 1.41130 | 504471.98 | 3635975.90 | 1.43979 |
| 504521.98 | 3635975.90 | 1.48298 | 504571.98 | 3635975.90 | 1.52723 |
| 504621.98 | 3635975.90 | 1.57422 | 504671.98 | 3635975.90 | 1.60922 |
| 504721.98 | 3635975.90 | 1.64893 | 504771.98 | 3635975.90 | 1.67595 |
| 504821.98 | 3635975.90 | 1.71158 | 504871.98 | 3635975.90 | 1.75018 |
| 504921.98 | 3635975.90 | 1.78706 | 504971.98 | 3635975.90 | 1.82455 |
| 505021.98 | 3635975.90 | 1.85755 | 505071.98 | 3635975.90 | 1.88686 |
| 505121.98 | 3635975.90 | 1.91186 | 505171.98 | 3635975.90 | 1.93308 |
| 505221.98 | 3635975.90 | 1.94921 | 501721.98 | 3632475.90 | 0.19563 |
| 501821.98 | 3632475.90 | 0.20243 | 501921.98 | 3632475.90 | 0.20951 |
| 502021.98 | 3632475.90 | 0.21692 | 502121.98 | 3632475.90 | 0.22469 |
| 502221.98 | 3632475.90 | 0.23273 | 502321.98 | 3632475.90 | 0.24106 |
| 502421.98 | 3632475.90 | 0.24976 | 502521.98 | 3632475.90 | 0.25878 |
| 502621.98 | 3632475.90 | 0.26816 | 502721.98 | 3632475.90 | 0.27777 |
| 502821.98 | 3632475.90 | 0.28758 | 502921.98 | 3632475.90 | 0.29757 |
| 503021.98 | 3632475.90 | 0.30013 | 503121.98 | | |

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3632475.90        0.29214
         503221.98    3632475.90        0.30383                        503321.98
3632475.90        0.28351
         503421.98    3632475.90        0.26832                        503721.98
3632475.90        0.24701
         503821.98    3632475.90        0.22636                        503921.98
3632475.90        0.20975
         504021.98    3632475.90        0.19693                        504121.98
3632475.90        0.19477
         504221.98    3632475.90        0.18296                        504321.98
3632475.90        0.17866
         504421.98    3632475.90        0.19635                        504521.98
3632475.90        0.21461
         504621.98    3632475.90        0.18855                        504721.98
3632475.90        0.18026
         504821.98    3632475.90        0.18293                        504921.98
3632475.90        0.17973
         505021.98    3632475.90        0.17203                        505121.98
3632475.90        0.17456
         505221.98    3632475.90        0.16596                        505321.98
3632475.90        0.16360
         505421.98    3632475.90        0.16660                        505521.98
3632475.90        0.17145
         505621.98    3632475.90        0.17995                        505721.98
3632475.90        0.19048
         501721.98    3632575.90        0.20110                        501821.98
3632575.90        0.20835
         501921.98    3632575.90        0.21592                        502021.98
3632575.90        0.22388
         502121.98    3632575.90        0.23219                        502221.98
3632575.90        0.24080
         502321.98    3632575.90        0.24988                        502421.98
3632575.90        0.25935
         502521.98    3632575.90        0.26921                        502621.98
3632575.90        0.27945
         502721.98    3632575.90        0.29007                        502821.98
3632575.90        0.30094
```



```
                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
```

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, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502921.98    3632575.90        0.31206                       503021.98
3632575.90        0.32335
         503121.98    3632575.90        0.31941                       503221.98
3632575.90        0.31810
         503321.98    3632575.90        0.30290                       503421.98
3632575.90        0.27764
         503721.98    3632575.90        0.24697                       503821.98
3632575.90        0.22748
         503921.98    3632575.90        0.18323                       504021.98
3632575.90        0.17174
         504121.98    3632575.90        0.17053                       504221.98
3632575.90        0.16883
         504321.98    3632575.90        0.16464                       504421.98
3632575.90        0.17646
         504521.98    3632575.90        0.20466                       504621.98
3632575.90        0.20035
         504721.98    3632575.90        0.18160                       504821.98
3632575.90        0.18675
         504921.98    3632575.90        0.18180                       505021.98
3632575.90        0.17421
         505121.98    3632575.90        0.17791                       505221.98
3632575.90        0.17693
         505321.98    3632575.90        0.17775                       505421.98
3632575.90        0.18410
         505521.98    3632575.90        0.18923                       505621.98
3632575.90        0.19720
         505721.98    3632575.90        0.20283                       501721.98
3632675.90        0.20666
         501821.98    3632675.90        0.21436                       501921.98
3632675.90        0.22248
         502021.98    3632675.90        0.23107                       502121.98
3632675.90        0.23996
         502221.98    3632675.90        0.24923                       502321.98
3632675.90        0.25908
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         502421.98    3632675.90        0.26934                        502521.98
3632675.90        0.28010
         502621.98    3632675.90        0.29139                        502721.98
3632675.90        0.30308
         502821.98    3632675.90        0.31518                        502921.98
3632675.90        0.31166
         503021.98    3632675.90        0.31112                        503721.98
3632675.90        0.25860
         503821.98    3632675.90        0.24451                        503921.98
3632675.90        0.22258
         504021.98    3632675.90        0.19428                        504121.98
3632675.90        0.17962
         504221.98    3632675.90        0.17220                        504321.98
3632675.90        0.17169
         504421.98    3632675.90        0.18126                        504521.98
3632675.90        0.19282
         504621.98    3632675.90        0.19409                        504721.98
3632675.90        0.19254
         504821.98    3632675.90        0.19442                        504921.98
3632675.90        0.18930
         505021.98    3632675.90        0.18501                        505121.98
3632675.90        0.18661
         505221.98    3632675.90        0.18884                        505321.98
3632675.90        0.19084
         505421.98    3632675.90        0.19979                        505521.98
3632675.90        0.20953
         505621.98    3632675.90        0.21425                        505721.98
3632675.90        0.21053
         502421.98    3632775.90        0.28013                        502521.98
3632775.90        0.29185
         502621.98    3632775.90        0.30412                        502721.98
3632775.90        0.31685
         502821.98    3632775.90        0.33029                        502921.98
3632775.90        0.26546
         503021.98    3632775.90        0.23430                        503121.98
3632775.90        0.26857
         503221.98    3632775.90        0.30449                        503621.98
3632775.90        0.28904
         503721.98    3632775.90        0.27788                        503821.98
3632775.90        0.24777
         503921.98    3632775.90        0.24341                        504021.98
3632775.90        0.23657
         504121.98    3632775.90        0.21351                        504221.98
3632775.90        0.19370
         504321.98    3632775.90        0.18555                        504421.98
3632775.90        0.19171
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***

INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 0.19873 | 504621.98 | 3632775.90 | 0.20085 |
| 504721.98 | 3632775.90 | 0.20289 | 504821.98 | 3632775.90 | 0.20097 |
| 504921.98 | 3632775.90 | 0.19972 | 505021.98 | 3632775.90 | 0.19830 |
| 505121.98 | 3632775.90 | 0.20060 | 505221.98 | 3632775.90 | 0.20299 |
| 505321.98 | 3632775.90 | 0.20897 | 505421.98 | 3632775.90 | 0.21856 |
| 505521.98 | 3632775.90 | 0.22831 | 505621.98 | 3632775.90 | 0.23454 |
| 505721.98 | 3632775.90 | 0.23255 | 501721.98 | 3632875.90 | 0.21814 |
| 501821.98 | 3632875.90 | 0.22689 | 501921.98 | 3632875.90 | 0.23613 |
| 502021.98 | 3632875.90 | 0.24584 | 502121.98 | 3632875.90 | 0.25616 |
| 502221.98 | 3632875.90 | 0.26689 | 502321.98 | 3632875.90 | 0.27840 |
| 502421.98 | 3632875.90 | 0.29068 | 502521.98 | 3632875.90 | 0.30352 |
| 502621.98 | 3632875.90 | 0.31700 | 502721.98 | 3632875.90 | 0.33141 |
| 502821.98 | 3632875.90 | 0.34637 | 502921.98 | | |

3632875.90 0.24880
503021.98 3632875.90 0.18740 503121.98
3632875.90 0.23098
503221.98 3632875.90 0.34532 503321.98
3632875.90 0.35927
503421.98 3632875.90 0.34927 503621.98
3632875.90 0.30676
503721.98 3632875.90 0.29286 503821.98
3632875.90 0.25729
503921.98 3632875.90 0.22345 504021.98
3632875.90 0.21967
504121.98 3632875.90 0.21490 504221.98
3632875.90 0.20091
504321.98 3632875.90 0.20048 504421.98
3632875.90 0.20334
504521.98 3632875.90 0.20872 504621.98
3632875.90 0.21178
504721.98 3632875.90 0.21458 504821.98
3632875.90 0.21210
504921.98 3632875.90 0.21238 505021.98
3632875.90 0.21521
505121.98 3632875.90 0.21796 505221.98
3632875.90 0.22378
505321.98 3632875.90 0.23183 505421.98
3632875.90 0.24394
505521.98 3632875.90 0.24800 505621.98
3632875.90 0.25649
505721.98 3632875.90 0.25270 501721.98
3632975.90 0.22381
501821.98 3632975.90 0.23316 501921.98
3632975.90 0.24304
502021.98 3632975.90 0.25354 502121.98
3632975.90 0.26459
505321.98 3632975.90 0.26223 505421.98
3632975.90 0.26911
505521.98 3632975.90 0.27875 505621.98
3632975.90 0.28131
505721.98 3632975.90 0.27570 501721.98
3633075.90 0.22940
501821.98 3633075.90 0.23926 501921.98
3633075.90 0.24989
502021.98 3633075.90 0.26112 502121.98
3633075.90 0.27313
505321.98 3633075.90 0.28868 505421.98
3633075.90 0.30250
505521.98 3633075.90 0.31153 505621.98
3633075.90 0.31111
505721.98 3633075.90 0.29948 501721.98
3633175.90 0.23499
501821.98 3633175.90 0.24546 501921.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3633175.90        0.34097                      505621.98
3633175.90        0.34772
         505721.98    3633175.90        0.33317                      501721.98
3633275.90        0.24054
         501821.98    3633275.90        0.25174                      501921.98
3633275.90        0.26361
         502021.98    3633275.90        0.27643                      502121.98
3633275.90        0.28991
         505321.98    3633275.90        0.36133                      505421.98
3633275.90        0.35808
         505521.98    3633275.90        0.37358                      505621.98
3633275.90        0.38784
         505721.98    3633275.90        0.37549                      501721.98
3633375.90        0.24598
         501821.98    3633375.90        0.25774                      501921.98
3633375.90        0.27030

```
         502021.98    3633375.90        0.28387                    502121.98
3633375.90        0.29851
         505321.98    3633375.90        0.41339                    505421.98
3633375.90        0.39669
         505521.98    3633375.90        0.40322                    505621.98
3633375.90        0.42588
         505721.98    3633375.90        0.42329                    501721.98
3633475.90        0.25142
         501821.98    3633475.90        0.26379                    501921.98
3633475.90        0.27721
         502021.98    3633475.90        0.29159                    502121.98
3633475.90        0.30688
         505321.98    3633475.90        0.46533                    505421.98
3633475.90        0.44330
         505521.98    3633475.90        0.45119                    505621.98
3633475.90        0.46024
         505721.98    3633475.90        0.46780                    501721.98
3633575.90        0.25671
         501821.98    3633575.90        0.26974                    501921.98
3633575.90        0.28373
         502021.98    3633575.90        0.29884                    502121.98
3633575.90        0.31640
         505321.98    3633575.90        0.51777                    505421.98
3633575.90        0.48765
         505521.98    3633575.90        0.49505                    505621.98
3633575.90        0.50940
         505721.98    3633575.90        0.51350                    501721.98
3633675.90        0.26190
         501821.98    3633675.90        0.27534                    501921.98
3633675.90        0.29014
         502021.98    3633675.90        0.30626                    502121.98
3633675.90        0.32458
         505321.98    3633675.90        0.56384                    505421.98
3633675.90        0.52667
         505521.98    3633675.90        0.53263                    505621.98
3633675.90        0.54543
         505721.98    3633675.90        0.56318                    501721.98
3633775.90        0.26691
         501821.98    3633775.90        0.28094                    501921.98
3633775.90        0.29628
         502021.98    3633775.90        0.31305                    502121.98
3633775.90        0.33132
         505321.98    3633775.90        0.62755                    505421.98
3633775.90        0.59833
         505521.98    3633775.90        0.58164                    505621.98
3633775.90        0.59227
         505721.98    3633775.90        0.61573                    501721.98
3633875.90        0.27151
         501821.98    3633875.90        0.28635                    501921.98
3633875.90        0.30171
```

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3633975.90        0.74035                      505621.98
3633975.90        0.72619
         505721.98    3633975.90        0.73602                      501721.98
3634075.90        0.27966
         501821.98    3634075.90        0.29535                      501921.98
3634075.90        0.31247
         502021.98    3634075.90        0.33121                      502121.98

3634075.90 0.35183
505321.98 3634075.90 0.86299 505421.98
3634075.90 0.84888
505521.98 3634075.90 0.86365 505621.98
3634075.90 0.85190
505721.98 3634075.90 0.79607 501721.98
3634175.90 0.28267
501821.98 3634175.90 0.29913 501921.98
3634175.90 0.31683
502021.98 3634175.90 0.33531 502121.98
3634175.90 0.35699
505321.98 3634175.90 1.04559 505421.98
3634175.90 1.03170
505521.98 3634175.90 1.01526 505621.98
3634175.90 0.90710
505721.98 3634175.90 0.82126 501721.98
3634275.90 0.28556
501821.98 3634275.90 0.30184 501921.98
3634275.90 0.31970
502021.98 3634275.90 0.33921 502121.98
3634275.90 0.36100
505321.98 3634275.90 1.29136 505421.98
3634275.90 1.25705
505521.98 3634275.90 1.03738 505621.98
3634275.90 0.95274
505721.98 3634275.90 0.86419 501721.98
3634375.90 0.28874
501821.98 3634375.90 0.30569 501921.98
3634375.90 0.32345
502021.98 3634375.90 0.34339 502121.98
3634375.90 0.36622
505321.98 3634375.90 1.49537 505421.98
3634375.90 1.38577
505521.98 3634375.90 1.07843 505621.98
3634375.90 0.96453
505721.98 3634375.90 0.90292 501721.98
3634475.90 0.29135
501821.98 3634475.90 0.30858 501921.98
3634475.90 0.32732
502021.98 3634475.90 0.34829 502121.98
3634475.90 0.37077
505321.98 3634475.90 1.58422 505421.98
3634475.90 1.81363
505521.98 3634475.90 1.39011 505621.98
3634475.90 1.13589
505721.98 3634475.90 0.98084 501721.98
3634575.90 0.29323
501821.98 3634575.90 0.31034 501921.98
3634575.90 0.32923
502021.98 3634575.90 0.35036 502121.98

3634575.90        0.37382
         505321.98    3634575.90        1.65218                        505421.98
3634575.90        2.10044
         505521.98    3634575.90        1.84491                        505621.98
3634575.90        1.31466
         505721.98    3634575.90        1.10426                        501721.98
3634675.90        0.29482
         501821.98    3634675.90        0.31233                        501921.98
3634675.90        0.33131
         502021.98    3634675.90        0.35255                        502121.98
3634675.90        0.37483
         505321.98    3634675.90        1.85039                        505421.98
3634675.90        2.33656
         505521.98    3634675.90        2.50784                        505621.98
3634675.90        1.92278
         505721.98    3634675.90        1.39549                        501721.98
3634775.90        0.29561
         501821.98    3634775.90        0.31328                        501921.98
3634775.90        0.33202
         502021.98    3634775.90        0.35350                        502121.98
3634775.90        0.37665
         505321.98    3634775.90        2.14231                        505421.98
3634775.90        3.24241

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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```
         505621.98    3635275.90       23.75866                       505721.98
3635275.90       17.72870
         501721.98    3635375.90        0.32631                       501821.98
3635375.90        0.33562
         501921.98    3635375.90        0.35032                       502021.98
3635375.90        0.36805
         502121.98    3635375.90        0.36933                       505621.98
3635375.90       24.21533
         501721.98    3635475.90        0.33058                       501821.98
3635475.90        0.33965
         501921.98    3635475.90        0.34550                       502021.98
3635475.90        0.35505
         502121.98    3635475.90        0.37535                       505621.98
3635475.90        9.34512
         505721.98    3635475.90        9.51291                       501721.98
3635575.90        0.32873
         501821.98    3635575.90        0.33738                       501921.98
3635575.90        0.34279
         502021.98    3635575.90        0.35722                       502121.98
3635575.90        0.37773
         505321.98    3635575.90        5.33462                       505421.98
3635575.90        5.29412
         505521.98    3635575.90        5.40627                       505621.98
3635575.90        5.40692
         505721.98    3635575.90        5.34423                       501721.98
3635675.90        0.32538
         501821.98    3635675.90        0.33642                       501921.98
3635675.90        0.34330
         502021.98    3635675.90        0.35730                       502121.98
3635675.90        0.37687
         505321.98    3635675.90        3.87854                       505421.98
3635675.90        3.93164
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 447
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 3.84584 | 505621.98 | 3635675.90 | 3.80951 |
| 505721.98 | 3635675.90 | 3.63292 | 501721.98 | 3635775.90 | 0.31743 |
| 501821.98 | 3635775.90 | 0.33208 | 501921.98 | 3635775.90 | 0.34287 |
| 502021.98 | 3635775.90 | 0.35425 | 502121.98 | 3635775.90 | 0.36986 |
| 505321.98 | 3635775.90 | 2.99485 | 505421.98 | 3635775.90 | 3.02269 |
| 505521.98 | 3635775.90 | 2.99902 | 505621.98 | 3635775.90 | 2.91944 |
| 505721.98 | 3635775.90 | 2.78896 | 501721.98 | 3635875.90 | 0.30469 |
| 501821.98 | 3635875.90 | 0.32320 | 501921.98 | 3635875.90 | 0.33721 |
| 502021.98 | 3635875.90 | 0.35200 | 502121.98 | 3635875.90 | 0.36703 |
| 505321.98 | 3635875.90 | 2.41742 | 505421.98 | 3635875.90 | 2.40142 |
| 505521.98 | 3635875.90 | 2.37502 | 505621.98 | 3635875.90 | 2.30664 |
| 505721.98 | 3635875.90 | 2.20243 | 501721.98 | 3635975.90 | 0.29279 |
| 501821.98 | 3635975.90 | 0.31255 | 501921.98 | 3635975.90 | 0.32772 |
| 502021.98 | 3635975.90 | 0.34183 | 502121.98 | 3635975.90 | 0.35736 |
| 505321.98 | 3635975.90 | 1.97547 | 505421.98 | 3635975.90 | 1.96695 |
| 505521.98 | 3635975.90 | 1.94006 | 505621.98 | 3635975.90 | 1.89138 |
| 505721.98 | 3635975.90 | 1.80536 | 501721.98 | 3636075.90 | 0.28437 |
| 501821.98 | 3636075.90 | 0.29960 | 501921.98 | 3636075.90 | 0.31512 |
| 502021.98 | 3636075.90 | 0.32846 | 502121.98 | 3636075.90 | 0.34382 |
| 502221.98 | 3636075.90 | 0.36094 | 502321.98 | | |

3636075.90  0.37569
  502421.98  3636075.90  0.38382  502521.98
3636075.90  0.40594
  502621.98  3636075.90  0.43091  502721.98
3636075.90  0.45587
  502821.98  3636075.90  0.48542  502921.98
3636075.90  0.51174
  503021.98  3636075.90  0.53538  503121.98
3636075.90  0.54975
  503221.98  3636075.90  0.58988  503321.98
3636075.90  0.63529
  503421.98  3636075.90  0.67531  503521.98
3636075.90  0.72193
  503621.98  3636075.90  0.76968  503721.98
3636075.90  0.81911
  503821.98  3636075.90  0.87397  503921.98
3636075.90  0.92670
  504021.98  3636075.90  0.98803  504121.98
3636075.90  1.04481
  504221.98  3636075.90  1.10416  504321.98
3636075.90  1.17639
  504421.98  3636075.90  1.23294  504521.98
3636075.90  1.29203
  504621.98  3636075.90  1.38644  504721.98
3636075.90  1.47613
  504821.98  3636075.90  1.52316  504921.98
3636075.90  1.55150
  505021.98  3636075.90  1.59532  505121.98
3636075.90  1.62256
  505221.98  3636075.90  1.64590  505321.98
3636075.90  1.65626
  505421.98  3636075.90  1.64639  505521.98
3636075.90  1.62793
  505621.98  3636075.90  1.58670  505721.98
3636075.90  1.52505
  501721.98  3636175.90  0.26953  501821.98
3636175.90  0.28487
  501921.98  3636175.90  0.30135  502021.98
3636175.90  0.31444
  502121.98  3636175.90  0.32938  502221.98
3636175.90  0.34694


*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996
, L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004
, L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012
, L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020
, L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 0.36361 | 502421.98 | 3636175.90 | 0.37390 |
| 502521.98 | 3636175.90 | 0.39483 | 502621.98 | 3636175.90 | 0.41852 |
| 502721.98 | 3636175.90 | 0.44026 | 502821.98 | 3636175.90 | 0.46191 |
| 502921.98 | 3636175.90 | 0.48253 | 503021.98 | 3636175.90 | 0.49898 |
| 503121.98 | 3636175.90 | 0.49353 | 503221.98 | 3636175.90 | 0.54234 |
| 503321.98 | 3636175.90 | 0.58777 | 503421.98 | 3636175.90 | 0.62363 |
| 503521.98 | 3636175.90 | 0.66046 | 503621.98 | 3636175.90 | 0.70473 |
| 503721.98 | 3636175.90 | 0.74626 | 503821.98 | 3636175.90 | 0.78823 |
| 503921.98 | 3636175.90 | 0.82943 | 504021.98 | 3636175.90 | 0.87217 |
| 504121.98 | 3636175.90 | 0.91012 | 504221.98 | 3636175.90 | 0.96248 |
| 504321.98 | 3636175.90 | 0.96582 | 504421.98 | 3636175.90 | 0.93906 |
| 504521.98 | 3636175.90 | 0.85795 | 504621.98 | 3636175.90 | 1.02652 |
| 504721.98 | 3636175.90 | 1.29588 | 504821.98 | 3636175.90 | 1.36066 |
| 504921.98 | 3636175.90 | 1.40240 | 505021.98 | 3636175.90 | 1.41392 |
| 505121.98 | 3636175.90 | 1.40510 | 505221.98 | 3636175.90 | 1.41588 |

505321.98 3636175.90 1.42407 505421.98
3636175.90 1.41685
505521.98 3636175.90 1.39074 505621.98
3636175.90 1.35899
505721.98 3636175.90 1.31436 501721.98
3636275.90 0.25871
501821.98 3636275.90 0.27214 501921.98
3636275.90 0.28732
502021.98 3636275.90 0.30217 502121.98
3636275.90 0.31842
502221.98 3636275.90 0.33486 502321.98
3636275.90 0.34998
502421.98 3636275.90 0.36526 502521.98
3636275.90 0.38246
502621.98 3636275.90 0.39949 502721.98
3636275.90 0.41649
502821.98 3636275.90 0.43371 502921.98
3636275.90 0.44976
503021.98 3636275.90 0.46901 503121.98
3636275.90 0.47830
503221.98 3636275.90 0.49069 503321.98
3636275.90 0.52324
503421.98 3636275.90 0.56248 503521.98
3636275.90 0.59902
503621.98 3636275.90 0.63682 503721.98
3636275.90 0.67516
503821.98 3636275.90 0.71219 503921.98
3636275.90 0.74529
504021.98 3636275.90 0.76927 504121.98
3636275.90 0.77932
504221.98 3636275.90 0.73925 504321.98
3636275.90 0.61249
504421.98 3636275.90 0.61431 504521.98
3636275.90 0.62578
504621.98 3636275.90 0.74468 504721.98
3636275.90 0.94722
504821.98 3636275.90 0.92616 504921.98
3636275.90 1.22593
505021.98 3636275.90 1.24571 505121.98
3636275.90 1.23247
505221.98 3636275.90 1.23791 505321.98
3636275.90 1.24514
505421.98 3636275.90 1.23658 505521.98
3636275.90 1.20978
505621.98 3636275.90 1.18440 505721.98
3636275.90 1.15132
501721.98 3636375.90 0.24689 501821.98
3636375.90 0.26023
501921.98 3636375.90 0.27620 502021.98
3636375.90 0.28968

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 0.30510 | 502221.98 | 3636375.90 | 0.31965 |
| 502321.98 | 3636375.90 | 0.33378 | 502421.98 | 3636375.90 | 0.34974 |
| 502521.98 | 3636375.90 | 0.36470 | 502621.98 | 3636375.90 | 0.38029 |
| 502721.98 | 3636375.90 | 0.39168 | 502821.98 | 3636375.90 | 0.40286 |
| 502921.98 | 3636375.90 | 0.41430 | 503021.98 | 3636375.90 | 0.42677 |
| 503121.98 | 3636375.90 | 0.43305 | 503221.98 | 3636375.90 | 0.43666 |
| 503321.98 | 3636375.90 | 0.46077 | 503421.98 | 3636375.90 | 0.50937 |
| 503521.98 | 3636375.90 | 0.54071 | 503621.98 | 3636375.90 | 0.57227 |
| 503721.98 | 3636375.90 | 0.61084 | 503821.98 | 3636375.90 | 0.64702 |
| 503921.98 | 3636375.90 | 0.65607 | 504021.98 | 3636375.90 | 0.66847 |
| 504121.98 | 3636375.90 | 0.65272 | 504221.98 | | |

3636375.90 0.58893
504321.98 3636375.90 0.53499 504421.98
3636375.90 0.53150
504521.98 3636375.90 0.55503 504621.98
3636375.90 0.62195
504721.98 3636375.90 0.72642 504821.98
3636375.90 0.71635
504921.98 3636375.90 0.77499 505021.98
3636375.90 1.11595
505121.98 3636375.90 1.10974 505221.98
3636375.90 1.10879
505321.98 3636375.90 1.10329 505421.98
3636375.90 1.08866
505521.98 3636375.90 1.07069 505621.98
3636375.90 1.04677
505721.98 3636375.90 1.01908 501721.98
3636475.90 0.23071
501821.98 3636475.90 0.24450 501921.98
3636475.90 0.26348
502021.98 3636475.90 0.27496 502121.98
3636475.90 0.28791
502221.98 3636475.90 0.30234 502321.98
3636475.90 0.31736
502421.98 3636475.90 0.33256 502521.98
3636475.90 0.34507
502621.98 3636475.90 0.35811 502721.98
3636475.90 0.36797
502821.98 3636475.90 0.37168 502921.98
3636475.90 0.38080
503021.98 3636475.90 0.38678 503121.98
3636475.90 0.38738
503221.98 3636475.90 0.38884 503321.98
3636475.90 0.41623
503421.98 3636475.90 0.45175 503521.98
3636475.90 0.48542
503621.98 3636475.90 0.51470 503721.98
3636475.90 0.55286
503821.98 3636475.90 0.57064 503921.98
3636475.90 0.57516
504021.98 3636475.90 0.48888 504121.98
3636475.90 0.52475
504221.98 3636475.90 0.54175 504321.98
3636475.90 0.48448
504421.98 3636475.90 0.48254 504521.98
3636475.90 0.49984
504621.98 3636475.90 0.52805 504721.98
3636475.90 0.56413
504821.98 3636475.90 0.59986 504921.98
3636475.90 0.68719
505021.98 3636475.90 0.95573 505121.98

3636475.90        0.99582
         505221.98    3636475.90        0.99333                      505321.98
3636475.90        0.98569
         505421.98    3636475.90        0.96954                      505521.98
3636475.90        0.95298
         505621.98    3636475.90        0.93336                      505721.98
3636475.90        0.90913


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - -

503421.98 3633475.90 13.37647 503471.98
3633475.90 19.85158
503521.98 3633475.90 40.14771 503621.98
3633475.90 30.55840
503671.98 3633475.90 15.30536 503721.98
3633475.90 10.14216
503771.98 3633475.90 8.24378 503821.98
3633475.90 6.39601
503871.98 3633475.90 5.42045 503921.98
3633475.90 5.13878
503971.98 3633475.90 4.53605 504021.98
3633475.90 3.77709
504071.98 3633475.90 3.45048 504121.98
3633475.90 3.30590
504171.98 3633475.90 2.86820 504221.98
3633475.90 2.72448
504271.98 3633475.90 2.65074 504321.98
3633475.90 2.46677
504371.98 3633475.90 2.02280 504421.98
3633475.90 1.73701
504471.98 3633475.90 1.55113 504521.98
3633475.90 1.42773
504571.98 3633475.90 1.36435 504621.98
3633475.90 1.32600
504671.98 3633475.90 1.27161 504721.98
3633475.90 1.24619
502721.98 3633525.90 1.81548 502771.98
3633525.90 1.96983
502821.98 3633525.90 2.14763 502871.98
3633525.90 2.35970
502921.98 3633525.90 2.60528 502971.98
3633525.90 2.88099
503021.98 3633525.90 3.20933 503071.98
3633525.90 3.59681
503121.98 3633525.90 4.04369 503171.98
3633525.90 4.62418
503221.98 3633525.90 5.38194 503271.98
3633525.90 6.48022
503321.98 3633525.90 7.83297 503371.98
3633525.90 10.17801
503421.98 3633525.90 13.57245 503471.98
3633525.90 19.83269
503521.98 3633525.90 36.74926 503621.98
3633525.90 40.56717
503671.98 3633525.90 22.09312 503721.98
3633525.90 15.50924
503771.98 3633525.90 10.30663 503821.98
3633525.90 7.38971
503871.98 3633525.90 6.54371 503921.98
3633525.90 6.18203

```
         503971.98    3633525.90        5.17813                       504021.98
3633525.90        4.22073
         504071.98    3633525.90        3.88151                       504121.98
3633525.90        3.75747
         504171.98    3633525.90        3.44284                       504221.98
3633525.90        3.20519
         504271.98    3633525.90        2.86378                       504321.98
3633525.90        2.22624
         504371.98    3633525.90        1.93758                       504421.98
3633525.90        1.71836
         504471.98    3633525.90        1.56332                       504521.98
3633525.90        1.49060
         504571.98    3633525.90        1.45763                       504621.98
3633525.90        1.42034
         504671.98    3633525.90        1.34394                       504721.98
3633525.90        1.26040
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 451
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633575.90        1.80484                       502771.98
3633575.90        1.95671
         502821.98    3633575.90        2.13575                       502871.98
3633575.90        2.34441
         502921.98    3633575.90        2.57732                       502971.98
```

3633575.90 2.85250
503021.98 3633575.90 3.18597 503071.98
3633575.90 3.56532
503121.98 3633575.90 4.00153 503171.98
3633575.90 4.56631
503221.98 3633575.90 5.30327 503271.98
3633575.90 6.26806
503321.98 3633575.90 7.64717 503371.98
3633575.90 9.64196
503421.98 3633575.90 12.56993 503471.98
3633575.90 17.73853
503521.98 3633575.90 28.71354 503621.98
3633575.90 46.41257
503671.98 3633575.90 25.82286 503721.98
3633575.90 18.03483
503771.98 3633575.90 12.52681 503821.98
3633575.90 9.19119
503871.98 3633575.90 8.25432 503921.98
3633575.90 7.10895
503971.98 3633575.90 5.82512 504021.98
3633575.90 5.08495
504071.98 3633575.90 4.43239 504121.98
3633575.90 4.14955
504171.98 3633575.90 3.81823 504221.98
3633575.90 3.56295
504271.98 3633575.90 2.85933 504321.98
3633575.90 2.23360
504371.98 3633575.90 1.95552 504421.98
3633575.90 1.72498
504471.98 3633575.90 1.60248 504521.98
3633575.90 1.57728
504571.98 3633575.90 1.57880 504621.98
3633575.90 1.45965
504671.98 3633575.90 1.35337 504721.98
3633575.90 1.26488
502721.98 3633625.90 1.79577 502771.98
3633625.90 1.94552
502821.98 3633625.90 2.11591 502871.98
3633625.90 2.31424
502921.98 3633625.90 2.54317 502971.98
3633625.90 2.81691
503021.98 3633625.90 3.14277 503071.98
3633625.90 3.50363
503121.98 3633625.90 3.93892 503171.98
3633625.90 4.49077
503221.98 3633625.90 5.18168 503271.98
3633625.90 6.11726
503321.98 3633625.90 7.38990 503371.98
3633625.90 9.14581
503421.98 3633625.90 11.85449 503471.98

3633625.90       16.32425
         503521.98    3633625.90       25.28485                       503621.98
3633625.90       59.92356
         503671.98    3633625.90       28.72813                       503721.98
3633625.90       19.75833
         503771.98    3633625.90       13.25489                       503821.98
3633625.90       10.43312
         503871.98    3633625.90        8.99081                       503921.98
3633625.90        7.45857
         503971.98    3633625.90        6.41958                       504021.98
3633625.90        5.43882
         504071.98    3633625.90        4.74690                       504121.98
3633625.90        4.49030
         504171.98    3633625.90        4.12937                       504221.98
3633625.90        3.69981
         504271.98    3633625.90        3.06878                       504321.98
3633625.90        2.51410
         504371.98    3633625.90        2.06802                       504421.98
3633625.90        1.81178
         504471.98    3633625.90        1.67309                       504521.98
3633625.90        1.71100
         504571.98    3633625.90        1.63327                       504621.98
3633625.90        1.49847
         504671.98    3633625.90        1.43156                       504721.98
3633625.90        1.30102


                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                               INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 1.78200 | 502771.98 | 3633675.90 | 1.92792 |
| 502821.98 | 3633675.90 | 2.09341 | 502871.98 | 3633675.90 | 2.28504 |
| 502921.98 | 3633675.90 | 2.51474 | 502971.98 | 3633675.90 | 2.77760 |
| 503021.98 | 3633675.90 | 3.08652 | 503071.98 | 3633675.90 | 3.43747 |
| 503121.98 | 3633675.90 | 3.86575 | 503171.98 | 3633675.90 | 4.39156 |
| 503221.98 | 3633675.90 | 5.05274 | 503271.98 | 3633675.90 | 5.91480 |
| 503321.98 | 3633675.90 | 7.07152 | 503371.98 | 3633675.90 | 8.59262 |
| 503421.98 | 3633675.90 | 10.84833 | 503471.98 | 3633675.90 | 14.60723 |
| 503521.98 | 3633675.90 | 21.41463 | 503571.98 | 3633675.90 | 45.46896 |
| 503671.98 | 3633675.90 | 33.65608 | 503721.98 | 3633675.90 | 21.65499 |
| 503771.98 | 3633675.90 | 15.63792 | 503821.98 | 3633675.90 | 11.91821 |
| 503871.98 | 3633675.90 | 9.54911 | 503921.98 | 3633675.90 | 8.06578 |
| 503971.98 | 3633675.90 | 6.80983 | 504021.98 | 3633675.90 | 5.82679 |
| 504071.98 | 3633675.90 | 5.20464 | 504121.98 | 3633675.90 | 4.79791 |
| 504171.98 | 3633675.90 | 4.40099 | 504221.98 | 3633675.90 | 3.95646 |
| 504271.98 | 3633675.90 | 3.35567 | 504321.98 | 3633675.90 | 2.72886 |
| 504371.98 | 3633675.90 | 2.20957 | 504421.98 | 3633675.90 | 1.93896 |
| 504471.98 | 3633675.90 | 1.88070 | 504521.98 | 3633675.90 | 1.83657 |
| 504571.98 | 3633675.90 | 1.68473 | 504621.98 | 3633675.90 | 1.56199 |
| 504671.98 | 3633675.90 | 1.44876 | 504721.98 | 3633675.90 | 1.35179 |
| 502721.98 | 3633725.90 | 1.76445 | 502771.98 | 3633725.90 | 1.90838 |
| 502821.98 | 3633725.90 | 2.06819 | 502871.98 | 3633725.90 | 2.25702 |
| 502921.98 | 3633725.90 | 2.48564 | 502971.98 | 3633725.90 | 2.73628 |

```
         503021.98    3633725.90        3.01408                        503071.98
3633725.90        3.36537
         503121.98    3633725.90        3.77645                        503171.98
3633725.90        4.27609
         503221.98    3633725.90        4.90270                        503271.98
3633725.90        5.68211
         503321.98    3633725.90        6.70209                        503371.98
3633725.90        8.05842
         503421.98    3633725.90        9.97643                        503471.98
3633725.90       13.33131
         503521.98    3633725.90       18.82226                        503571.98
3633725.90       31.95028
         503721.98    3633725.90       25.99134                        503771.98
3633725.90       17.39388
         503821.98    3633725.90       13.29589                        503871.98
3633725.90       10.42870
         503921.98    3633725.90        8.65281                        503971.98
3633725.90        7.13489
         504021.98    3633725.90        6.15700                        504071.98
3633725.90        5.51207
         504121.98    3633725.90        5.15747                        504171.98
3633725.90        4.62386
         504221.98    3633725.90        4.09874                        504271.98
3633725.90        3.70582
         504321.98    3633725.90        2.97414                        504371.98
3633725.90        2.45054
         504421.98    3633725.90        2.17231                        504471.98
3633725.90        2.06540
         504521.98    3633725.90        1.91423                        504571.98
3633725.90        1.74144
         504621.98    3633725.90        1.68883                        504671.98
3633725.90        1.54558
         504721.98    3633725.90        1.39759                        502721.98
3633775.90        1.74137
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 453
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
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L0000616 , L0000617 , L0000618 , L0000619 , L0000620
, L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 1.88213 | 502821.98 | 3633775.90 | 2.04005 |
| 502871.98 | 3633775.90 | 2.22053 | 502921.98 | 3633775.90 | 2.43755 |
| 502971.98 | 3633775.90 | 2.68579 | 503021.98 | 3633775.90 | 2.96169 |
| 503071.98 | 3633775.90 | 3.28732 | 503121.98 | 3633775.90 | 3.67587 |
| 503171.98 | 3633775.90 | 4.14826 | 503221.98 | 3633775.90 | 4.72704 |
| 503271.98 | 3633775.90 | 5.46006 | 503321.98 | 3633775.90 | 6.39189 |
| 503371.98 | 3633775.90 | 7.62089 | 503421.98 | 3633775.90 | 9.33076 |
| 503471.98 | 3633775.90 | 11.92379 | 503771.98 | 3633775.90 | 19.68944 |
| 503821.98 | 3633775.90 | 14.58632 | 503871.98 | 3633775.90 | 11.56297 |
| 503921.98 | 3633775.90 | 9.14565 | 503971.98 | 3633775.90 | 7.51796 |
| 504021.98 | 3633775.90 | 6.53895 | 504071.98 | 3633775.90 | 6.24739 |
| 504121.98 | 3633775.90 | 5.52532 | 504171.98 | 3633775.90 | 4.93607 |
| 504221.98 | 3633775.90 | 4.35418 | 504271.98 | 3633775.90 | 3.80874 |
| 504321.98 | 3633775.90 | 3.15148 | 504371.98 | 3633775.90 | 2.71997 |
| 504421.98 | 3633775.90 | 2.44172 | 504471.98 | 3633775.90 | 2.15335 |
| 504521.98 | 3633775.90 | 2.07749 | 504571.98 | 3633775.90 | 2.00155 |
| 504621.98 | 3633775.90 | 1.81849 | 504671.98 | 3633775.90 | 1.63806 |
| 504721.98 | 3633775.90 | 1.48313 | 502721.98 | 3633825.90 | 1.71660 |
| 502771.98 | 3633825.90 | 1.85225 | 502821.98 | | |

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3633825.90        2.00672
         502871.98    3633825.90        2.18104                        502921.98
3633825.90        2.39184
         502971.98    3633825.90        2.62552                        503021.98
3633825.90        2.88950
         503071.98    3633825.90        3.20069                        503121.98
3633825.90        3.56974
         503171.98    3633825.90        4.01812                        503221.98
3633825.90        4.56357
         503271.98    3633825.90        5.24374                        503771.98
3633825.90       23.53834
         503821.98    3633825.90       16.99564                        503871.98
3633825.90       12.79555
         503921.98    3633825.90        9.77924                        503971.98
3633825.90        8.14221
         504021.98    3633825.90        7.62234                        504071.98
3633825.90        6.60540
         504121.98    3633825.90        5.83460                        504171.98
3633825.90        5.22746
         504221.98    3633825.90        4.58695                        504271.98
3633825.90        4.04489
         504321.98    3633825.90        3.55867                        504371.98
3633825.90        3.10022
         504421.98    3633825.90        2.68732                        504471.98
3633825.90        2.40587
         504521.98    3633825.90        2.22090                        504571.98
3633825.90        2.08802
         504621.98    3633825.90        1.86817                        504671.98
3633825.90        1.68494
         504721.98    3633825.90        1.56092                        502721.98
3633875.90        1.68617
         502771.98    3633875.90        1.81832                        502821.98
3633875.90        1.96636
         502871.98    3633875.90        2.13275                        502921.98
3633875.90        2.34016
         502971.98    3633875.90        2.55957                        503021.98
3633875.90        2.81378
         503071.98    3633875.90        3.11493                        503121.98
3633875.90        3.45548
         503171.98    3633875.90        3.87319                        503221.98
3633875.90        4.38116
         503271.98    3633875.90        5.00711                        503821.98
3633875.90       19.46605
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 454
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***

INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 14.00278 | 503921.98 | 3633875.90 | 11.00708 |
| 503971.98 | 3633875.90 | 9.79570 | 504021.98 | 3633875.90 | 8.27305 |
| 504071.98 | 3633875.90 | 6.98957 | 504121.98 | 3633875.90 | 6.19100 |
| 504171.98 | 3633875.90 | 5.39535 | 504221.98 | 3633875.90 | 4.73380 |
| 504271.98 | 3633875.90 | 4.14693 | 504321.98 | 3633875.90 | 3.58700 |
| 504371.98 | 3633875.90 | 3.15518 | 504421.98 | 3633875.90 | 2.76415 |
| 504471.98 | 3633875.90 | 2.49956 | 504521.98 | 3633875.90 | 2.33146 |
| 504571.98 | 3633875.90 | 2.13386 | 504621.98 | 3633875.90 | 1.92889 |
| 504671.98 | 3633875.90 | 1.67747 | 504721.98 | 3633875.90 | 1.56800 |
| 502721.98 | 3633925.90 | 1.65210 | 502771.98 | 3633925.90 | 1.77749 |
| 502821.98 | 3633925.90 | 1.91974 | 502871.98 | 3633925.90 | 2.08420 |
| 502921.98 | 3633925.90 | 2.27653 | 502971.98 | 3633925.90 | 2.48056 |
| 503021.98 | 3633925.90 | 2.72304 | 503071.98 | 3633925.90 | 3.00875 |
| 503121.98 | 3633925.90 | 3.33525 | 503171.98 | 3633925.90 | 3.71916 |

503221.98 3633925.90 4.17626 503271.98 3633925.90 4.74550
503821.98 3633925.90 23.80551 503871.98 3633925.90 16.72541
503921.98 3633925.90 13.13579 503971.98 3633925.90 10.87416
504021.98 3633925.90 8.94728 504071.98 3633925.90 7.58131
504121.98 3633925.90 6.47241 504171.98 3633925.90 5.62523
504221.98 3633925.90 4.90560 504271.98 3633925.90 4.26017
504321.98 3633925.90 3.74197 504371.98 3633925.90 3.25909
504421.98 3633925.90 2.91034 504471.98 3633925.90 2.59997
504521.98 3633925.90 2.32972 504571.98 3633925.90 2.05857
504621.98 3633925.90 1.84782 504671.98 3633925.90 1.68456
504721.98 3633925.90 1.54448 502721.98 3633975.90 1.61627
502771.98 3633975.90 1.73436 502821.98 3633975.90 1.86699
502871.98 3633975.90 2.02713 502921.98 3633975.90 2.20653
502971.98 3633975.90 2.39869 503021.98 3633975.90 2.62682
503071.98 3633975.90 2.88953 503121.98 3633975.90 3.19609
503171.98 3633975.90 3.55267 503221.98 3633975.90 3.97634
503271.98 3633975.90 4.49077 503821.98 3633975.90 30.28582
503871.98 3633975.90 20.48264 503921.98 3633975.90 15.40033
503971.98 3633975.90 12.03620 504021.98 3633975.90 9.67702
504071.98 3633975.90 7.97556 504121.98 3633975.90 6.74381
504171.98 3633975.90 5.80023 504221.98 3633975.90 4.95134
504271.98 3633975.90 4.26642 504321.98 3633975.90 3.73815
504371.98 3633975.90 3.24253 504421.98 3633975.90 2.88278
504471.98 3633975.90 2.50587 504521.98 3633975.90 2.17364
504571.98 3633975.90 1.96179 504621.98 3633975.90 1.77960

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3634025.90        1.58417                       502771.98
3634025.90        1.70008
         502821.98    3634025.90        1.82373                       502871.98
3634025.90        1.96639
         502921.98    3634025.90        2.12663                       502971.98
3634025.90        2.31243
         503021.98    3634025.90        2.53088                       503071.98
3634025.90        2.76762
         503121.98    3634025.90        3.04871                       503171.98
3634025.90        3.37880
         503221.98    3634025.90        3.76479                       503271.98
3634025.90        4.22425
         503871.98    3634025.90       25.62848                       503921.98
3634025.90       18.06255
         503971.98    3634025.90       13.55280                       504021.98
3634025.90       10.55501
         504071.98    3634025.90        8.44380                       504121.98
3634025.90        6.91553
         504171.98    3634025.90        5.86281                       504221.98

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3634025.90        4.94980
         504271.98    3634025.90        4.21419                    504321.98
3634025.90        3.65736
         504371.98    3634025.90        3.16789                    504421.98
3634025.90        2.68281
         504471.98    3634025.90        2.34480                    504521.98
3634025.90        2.10064
         504571.98    3634025.90        1.88079                    504621.98
3634025.90        1.66608
         504671.98    3634025.90        1.49350                    504721.98
3634025.90        1.34326
         502721.98    3634075.90        1.54548                    502771.98
3634075.90        1.64615
         502821.98    3634075.90        1.76515                    502871.98
3634075.90        1.90327
         502921.98    3634075.90        2.05417                    502971.98
3634075.90        2.22372
         503021.98    3634075.90        2.42405                    503071.98
3634075.90        2.64714
         503121.98    3634075.90        2.90263                    503171.98
3634075.90        3.20139
         503221.98    3634075.90        3.54677                    503271.98
3634075.90        3.95844
         503871.98    3634075.90       35.34123                    503921.98
3634075.90       22.58042
         503971.98    3634075.90       15.80572                    504021.98
3634075.90       11.60503
         504071.98    3634075.90        8.90672                    504121.98
3634075.90        7.06022
         504171.98    3634075.90        5.83624                    504221.98
3634075.90        4.86842
         504271.98    3634075.90        4.14045                    504321.98
3634075.90        3.53478
         504371.98    3634075.90        2.98667                    504421.98
3634075.90        2.58405
         504471.98    3634075.90        2.25047                    504521.98
3634075.90        1.96133
         504571.98    3634075.90        1.73172                    504621.98
3634075.90        1.48273
         504671.98    3634075.90        1.35179                    504721.98
3634075.90        1.27096
         502721.98    3634125.90        1.50336                    502771.98
3634125.90        1.59557
         502821.98    3634125.90        1.70805                    502871.98
3634125.90        1.83812
         502921.98    3634125.90        1.97618                    502971.98
3634125.90        2.13360
         503021.98    3634125.90        2.31726                    503071.98
3634125.90        2.52028
         503121.98    3634125.90        2.75430                    503171.98
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3634125.90        3.02548
         503221.98    3634125.90        3.32524                        503271.98
3634125.90        3.69547
         503921.98    3634125.90       31.69771                        503971.98
3634125.90       19.23189
         504021.98    3634125.90       12.82786                        504071.98
3634125.90        9.20210
         504121.98    3634125.90        7.04244                        504171.98
3634125.90        5.63319
         504221.98    3634125.90        4.70162                        504271.98
3634125.90        3.98827


                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         504321.98    3634125.90        3.40569                        504371.98
3634125.90        2.92416
         504421.98    3634125.90        2.50321                        504471.98
3634125.90        2.08870
         504521.98    3634125.90        1.84991                        504571.98
3634125.90        1.60059
         504621.98    3634125.90        1.39414                        504671.98
3634125.90        1.31124
         504721.98    3634125.90        1.21020                        502721.98
3634175.90        1.44965

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         502771.98    3634175.90        1.54394                    502821.98
3634175.90        1.65121
         502871.98    3634175.90        1.77129                    502921.98
3634175.90        1.89858
         502971.98    3634175.90        2.04332                    503021.98
3634175.90        2.21169
         503071.98    3634175.90        2.39434                    503121.98
3634175.90        2.60314
         503171.98    3634175.90        2.83828                    503221.98
3634175.90        3.10156
         503271.98    3634175.90        3.42040                    503971.98
3634175.90       24.65693
         504021.98    3634175.90       13.51601                    504071.98
3634175.90        9.04201
         504121.98    3634175.90        6.74678                    504171.98
3634175.90        5.37972
         504221.98    3634175.90        4.46162                    504271.98
3634175.90        3.81208
         504321.98    3634175.90        3.31619                    504371.98
3634175.90        2.72202
         504421.98    3634175.90        2.17776                    504471.98
3634175.90        1.95377
         504521.98    3634175.90        1.74854                    504571.98
3634175.90        1.45585
         504621.98    3634175.90        1.26310                    504671.98
3634175.90        1.15973
         504721.98    3634175.90        1.03591                    502721.98
3634225.90        1.40329
         502771.98    3634225.90        1.49511                    502821.98
3634225.90        1.59658
         502871.98    3634225.90        1.70616                    502921.98
3634225.90        1.82192
         502971.98    3634225.90        1.95410                    503021.98
3634225.90        2.10643
         503071.98    3634225.90        2.27176                    503121.98
3634225.90        2.45780
         503171.98    3634225.90        2.66555                    503221.98
3634225.90        2.90308
         503271.98    3634225.90        3.18123                    504071.98
3634225.90        8.25820
         504121.98    3634225.90        6.24470                    504171.98
3634225.90        5.02609
         504221.98    3634225.90        4.20497                    504271.98
3634225.90        3.60686
         504321.98    3634225.90        3.16287                    504371.98
3634225.90        2.56965
         504421.98    3634225.90        2.07081                    504471.98
3634225.90        1.87259
         504521.98    3634225.90        1.67676                    504571.98
3634225.90        1.42578
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         504621.98    3634225.90        1.21419                        504671.98
3634225.90        1.06136
         504721.98    3634225.90        0.94614                        502721.98
3634275.90        1.35950
         502771.98    3634275.90        1.44227                        502821.98
3634275.90        1.53684
         502871.98    3634275.90        1.64532                        502921.98
3634275.90        1.74841
         502971.98    3634275.90        1.86529                        503021.98
3634275.90        2.00517
         503071.98    3634275.90        2.15362                        503121.98
3634275.90        2.31860
         503171.98    3634275.90        2.50530                        503221.98
3634275.90        2.71459
         503271.98    3634275.90        2.95880                        504121.98
3634275.90        5.59202
         504171.98    3634275.90        4.60555                        504221.98
3634275.90        3.90240
         504271.98    3634275.90        3.38868                        504321.98
3634275.90        2.97927
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 457
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         504371.98    3634275.90        2.54667                        504421.98
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3634275.90        2.10779
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3634275.90        1.56932
         504571.98    3634275.90        1.31527                    504621.98
3634275.90        1.13822
         504671.98    3634275.90        0.99875                    504721.98
3634275.90        0.91447
         502721.98    3634325.90        1.29940                    502771.98
3634325.90        1.37881
         502821.98    3634325.90        1.46308                    502871.98
3634325.90        1.58386
         502971.98    3634325.90        1.78100                    503021.98
3634325.90        1.90541
         503071.98    3634325.90        2.04101                    503121.98
3634325.90        2.18764
         503171.98    3634325.90        2.35230                    503221.98
3634325.90        2.53648
         503271.98    3634325.90        2.74671                    504171.98
3634325.90        4.14800
         504221.98    3634325.90        3.56143                    504271.98
3634325.90        3.14680
         504321.98    3634325.90        2.79551                    504371.98
3634325.90        2.48032
         504421.98    3634325.90        2.07795                    504471.98
3634325.90        1.79078
         504521.98    3634325.90        1.50943                    504571.98
3634325.90        1.24518
         504621.98    3634325.90        1.06297                    504671.98
3634325.90        0.94886
         504721.98    3634325.90        0.88973                    502721.98
3634375.90        1.24915
         502771.98    3634375.90        1.32373                    502821.98
3634375.90        1.40016
         503021.98    3634375.90        1.80118                    503071.98
3634375.90        1.92973
         503121.98    3634375.90        2.06038                    503171.98
3634375.90        2.20245
         503221.98    3634375.90        2.36438                    503271.98
3634375.90        2.54462
         504221.98    3634375.90        3.25988                    504271.98
3634375.90        2.90770
         504321.98    3634375.90        2.61681                    504371.98
3634375.90        2.30918
         504421.98    3634375.90        1.86354                    504471.98
3634375.90        1.55319
         504521.98    3634375.90        1.31454                    504571.98
3634375.90        1.14046
         504621.98    3634375.90        1.02061                    504671.98
3634375.90        0.93285
         504721.98    3634375.90        0.86950                    502721.98
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3634425.90        1.21006
         502771.98    3634425.90        1.27550                        502821.98
3634425.90        1.34577
         504271.98    3634425.90        2.67104                        504321.98
3634425.90        2.43052
         504371.98    3634425.90        2.19237                        504421.98
3634425.90        1.84167
         504471.98    3634425.90        1.53325                        504521.98
3634425.90        1.29348
         504571.98    3634425.90        1.17732                        504621.98
3634425.90        1.08857
         504671.98    3634425.90        0.98270                        504721.98
3634425.90        0.88281
         502721.98    3634475.90        1.17723                        502771.98
3634475.90        1.24293
         502821.98    3634475.90        1.31047                        504321.98
3634475.90        2.24768
         504371.98    3634475.90        2.07596                        504421.98
3634475.90        1.90263
         504471.98    3634475.90        1.65770                        504521.98
3634475.90        1.47155
         504571.98    3634475.90        1.35511                        504621.98
3634475.90        1.25696
         504671.98    3634475.90        1.09800                        504721.98
3634475.90        0.94210
         502721.98    3634525.90        1.13974                        502771.98
3634525.90        1.19575
         504371.98    3634525.90        1.93420                        504421.98
3634525.90        1.80240
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 458
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 1.67882 | 504521.98 | 3634525.90 | 1.56410 |
| 504571.98 | 3634525.90 | 1.45332 | 504621.98 | 3634525.90 | 1.33208 |
| 504671.98 | 3634525.90 | 1.18375 | 504721.98 | 3634525.90 | 1.04097 |
| 502721.98 | 3634575.90 | 1.09697 | 502771.98 | 3634575.90 | 1.15013 |
| 504421.98 | 3634575.90 | 1.68705 | 504471.98 | 3634575.90 | 1.58660 |
| 504521.98 | 3634575.90 | 1.49255 | 504571.98 | 3634575.90 | 1.40388 |
| 504621.98 | 3634575.90 | 1.31893 | 504671.98 | 3634575.90 | 1.21618 |
| 504721.98 | 3634575.90 | 1.10547 | 502721.98 | 3634625.90 | 1.05573 |
| 502771.98 | 3634625.90 | 1.10355 | 502821.98 | 3634625.90 | 1.15736 |
| 502871.98 | 3634625.90 | 1.21108 | 502921.98 | 3634625.90 | 1.26696 |
| 502971.98 | 3634625.90 | 1.32724 | 503021.98 | 3634625.90 | 1.39119 |
| 503071.98 | 3634625.90 | 1.45854 | 503121.98 | 3634625.90 | 1.52825 |
| 504471.98 | 3634625.90 | 1.49508 | 504521.98 | 3634625.90 | 1.41328 |
| 504571.98 | 3634625.90 | 1.33677 | 504621.98 | 3634625.90 | 1.26654 |
| 504671.98 | 3634625.90 | 1.20061 | 504721.98 | 3634625.90 | 1.13198 |
| 502721.98 | 3634675.90 | 1.01648 | 502771.98 | 3634675.90 | 1.06121 |
| 502821.98 | 3634675.90 | 1.10991 | 502871.98 | 3634675.90 | 1.15904 |
| 502921.98 | 3634675.90 | 1.20991 | 502971.98 | 3634675.90 | 1.26523 |
| 503021.98 | 3634675.90 | 1.32024 | 503071.98 | 3634675.90 | 1.37850 |
| 503121.98 | 3634675.90 | 1.44353 | 503171.98 | 3634675.90 | 1.51380 |
| 503221.98 | 3634675.90 | 1.58048 | 503271.98 | 3634675.90 | 1.63832 |

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         503321.98    3634675.90        1.70899                      503371.98
3634675.90        1.78203
         503421.98    3634675.90        1.85528                      503471.98
3634675.90        1.93685
         503521.98    3634675.90        1.98512                      504521.98
3634675.90        1.33703
         504571.98    3634675.90        1.26926                      504621.98
3634675.90        1.20744
         504671.98    3634675.90        1.14814                      504721.98
3634675.90        1.09298
         502721.98    3634725.90        0.97838                      502771.98
3634725.90        1.01929
         502821.98    3634725.90        1.06227                      502871.98
3634725.90        1.10932
         502921.98    3634725.90        1.15503                      502971.98
3634725.90        1.20338
         503021.98    3634725.90        1.25362                      503071.98
3634725.90        1.30465
         503121.98    3634725.90        1.36132                      503171.98
3634725.90        1.42070
         503221.98    3634725.90        1.47641                      503271.98
3634725.90        1.53133
         503321.98    3634725.90        1.59216                      503371.98
3634725.90        1.65372
         503421.98    3634725.90        1.71458                      503471.98
3634725.90        1.77949
         503521.98    3634725.90        1.83344                      503571.98
3634725.90        1.87250
         503621.98    3634725.90        1.90490                      504571.98
3634725.90        1.20652
         504621.98    3634725.90        1.15134                      504671.98
3634725.90        1.09800
         504721.98    3634725.90        1.04804                      502721.98
3634775.90        0.94159
         502771.98    3634775.90        0.97815                      502821.98
3634775.90        1.01807
         502871.98    3634775.90        1.06035                      502921.98
3634775.90        1.10225
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 459
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
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                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502971.98    3634775.90        1.14433                       503021.98
3634775.90        1.19062
         503071.98    3634775.90        1.23666                       503121.98
3634775.90        1.28448
         503171.98    3634775.90        1.33472                       503221.98
3634775.90        1.38169
         503271.98    3634775.90        1.43102                       503321.98
3634775.90        1.48142
         503371.98    3634775.90        1.53152                       503421.98
3634775.90        1.58268
         503471.98    3634775.90        1.63632                       503521.98
3634775.90        1.67872
         503571.98    3634775.90        1.71684                       503621.98
3634775.90        1.75144
         503671.98    3634775.90        1.78170                       503721.98
3634775.90        1.80117
         503771.98    3634775.90        1.80943                       503821.98
3634775.90        1.80037
         504621.98    3634775.90        1.09744                       504671.98
3634775.90        1.05025
         504721.98    3634775.90        1.00494                       502721.98
3634825.90        0.90533
         502771.98    3634825.90        0.94064                       502821.98
3634825.90        0.97619
         502871.98    3634825.90        1.01259                       502921.98
3634825.90        1.05214
         502971.98    3634825.90        1.09058                       503021.98
3634825.90        1.13130
         503071.98    3634825.90        1.17060                       503121.98
3634825.90        1.21370
         503171.98    3634825.90        1.25413                       503221.98
3634825.90        1.29668
         503271.98    3634825.90        1.33977                       503321.98
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3634825.90        1.38387
         503371.98    3634825.90        1.43078                      503421.98
3634825.90        1.47399
         503471.98    3634825.90        1.51375                      503521.98
3634825.90        1.54861
         503571.98    3634825.90        1.57790                      503621.98
3634825.90        1.60662
         503671.98    3634825.90        1.62969                      503721.98
3634825.90        1.64583
         503771.98    3634825.90        1.65426                      503821.98
3634825.90        1.65641
         503871.98    3634825.90        1.65146                      503921.98
3634825.90        1.63824
         504671.98    3634825.90        1.00423                      504721.98
3634825.90        0.96360
         502721.98    3634875.90        0.87025                      502771.98
3634875.90        0.90220
         502821.98    3634875.90        0.93476                      502871.98
3634875.90        0.96715
         502921.98    3634875.90        1.00315                      502971.98
3634875.90        1.03840
         503021.98    3634875.90        1.07473                      503071.98
3634875.90        1.11079
         503121.98    3634875.90        1.14801                      503171.98
3634875.90        1.18189
         503221.98    3634875.90        1.22008                      503271.98
3634875.90        1.26124
         503321.98    3634875.90        1.30026                      503371.98
3634875.90        1.33580
         503421.98    3634875.90        1.37070                      503471.98
3634875.90        1.40457
         503521.98    3634875.90        1.43337                      503571.98
3634875.90        1.45915
         503621.98    3634875.90        1.48070                      503671.98
3634875.90        1.49878
         503721.98    3634875.90        1.51240                      503771.98
3634875.90        1.51940
         503821.98    3634875.90        1.52080                      503871.98
3634875.90        1.51593
         503921.98    3634875.90        1.50686                      504721.98
3634875.90        0.92376
         502721.98    3634925.90        0.83697                      502771.98
3634925.90        0.86544
         502821.98    3634925.90        0.89544                      502871.98
3634925.90        0.92473
         502921.98    3634925.90        0.95681                      502971.98
3634925.90        0.98871
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***

INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 1.02101 | 503071.98 | 3634925.90 | 1.05339 |
| 503121.98 | 3634925.90 | 1.08637 | 503171.98 | 3634925.90 | 1.11895 |
| 503221.98 | 3634925.90 | 1.15256 | 503271.98 | 3634925.90 | 1.18587 |
| 503321.98 | 3634925.90 | 1.21815 | 503371.98 | 3634925.90 | 1.24916 |
| 503421.98 | 3634925.90 | 1.27885 | 503471.98 | 3634925.90 | 1.30615 |
| 503521.98 | 3634925.90 | 1.33052 | 503571.98 | 3634925.90 | 1.35163 |
| 503621.98 | 3634925.90 | 1.36918 | 503671.98 | 3634925.90 | 1.38385 |
| 503721.98 | 3634925.90 | 1.39654 | 503771.98 | 3634925.90 | 1.40228 |
| 503821.98 | 3634925.90 | 1.40327 | 503871.98 | 3634925.90 | 1.39720 |
| 502721.98 | 3634975.90 | 0.80524 | 502771.98 | 3634975.90 | 0.83063 |
| 502821.98 | 3634975.90 | 0.85771 | 502871.98 | 3634975.90 | 0.88572 |
| 502921.98 | 3634975.90 | 0.91508 | 502971.98 | 3634975.90 | 0.94086 |

503021.98 3634975.90 0.97007 503071.98
3634975.90 0.99980
503121.98 3634975.90 1.02947 503171.98
3634975.90 1.05493
503221.98 3634975.90 1.08313 503271.98
3634975.90 1.11257
503321.98 3634975.90 1.14016 503371.98
3634975.90 1.16726
503421.98 3634975.90 1.19548 503471.98
3634975.90 1.21771
503521.98 3634975.90 1.23905 503571.98
3634975.90 1.25647
503621.98 3634975.90 1.27068 503671.98
3634975.90 1.28251
503721.98 3634975.90 1.29438 503771.98
3634975.90 1.30152
503821.98 3634975.90 1.29960 503871.98
3634975.90 1.36620
502721.98 3635025.90 0.77484 502771.98
3635025.90 0.79930
502821.98 3635025.90 0.82377 502871.98
3635025.90 0.84880
502921.98 3635025.90 0.87343 502971.98
3635025.90 0.89880
503021.98 3635025.90 0.92471 503071.98
3635025.90 0.95132
503121.98 3635025.90 0.97714 503171.98
3635025.90 1.00076
503221.98 3635025.90 1.02588 503271.98
3635025.90 1.05058
503321.98 3635025.90 1.07440 503371.98
3635025.90 1.09758
503421.98 3635025.90 1.12032 503471.98
3635025.90 1.13939
503521.98 3635025.90 1.15686 503571.98
3635025.90 1.17205
503621.98 3635025.90 1.18475 503671.98
3635025.90 1.19554
503721.98 3635025.90 1.20276 503771.98
3635025.90 1.21306
503821.98 3635025.90 1.23511 504371.98
3635025.90 1.00900
502721.98 3635075.90 0.74666 502771.98
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3635075.90 0.81285
502921.98 3635075.90 0.83589 502971.98
3635075.90 0.85924
503021.98 3635075.90 0.88157 503071.98
3635075.90 0.90510

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503421.98    3635075.90        1.05147                      503471.98
3635075.90        1.06811
         503521.98    3635075.90        1.08315                      503571.98
3635075.90        1.09624
         503621.98    3635075.90        1.10715                      503671.98
3635075.90        1.11682
         503721.98    3635075.90        1.12269                      503771.98
3635075.90        1.12900
         503821.98    3635075.90        1.17670                      504371.98
3635075.90        0.95525
         504421.98    3635075.90        0.93097                      504471.98
3635075.90        0.90637
         504521.98    3635075.90        0.87899                      502721.98
3635125.90        0.71914
         502771.98    3635125.90        0.73965                      502821.98

3635125.90 0.76025
502871.98 3635125.90 0.78022 502921.98
3635125.90 0.79935
502971.98 3635125.90 0.81999 503021.98
3635125.90 0.84090
503071.98 3635125.90 0.86217 503121.98
3635125.90 0.88243
503171.98 3635125.90 0.90201 503221.98
3635125.90 0.92216
503271.98 3635125.90 0.94031 503321.98
3635125.90 0.95864
503371.98 3635125.90 0.97554 503421.98
3635125.90 0.99027
503471.98 3635125.90 1.00492 503521.98
3635125.90 1.01795
503571.98 3635125.90 1.03086 503621.98
3635125.90 1.03932
503671.98 3635125.90 1.04733 503721.98
3635125.90 1.05405
503771.98 3635125.90 1.07094 503821.98
3635125.90 1.10568
504371.98 3635125.90 0.90484 504421.98
3635125.90 0.88462
504471.98 3635125.90 0.86219 504521.98
3635125.90 0.83953
504571.98 3635125.90 0.81605 502721.98
3635175.90 0.69263
502771.98 3635175.90 0.71192 502821.98
3635175.90 0.73067
502871.98 3635175.90 0.74945 502921.98
3635175.90 0.76628
502971.98 3635175.90 0.78480 503021.98
3635175.90 0.80398
503071.98 3635175.90 0.82241 503121.98
3635175.90 0.84008
503171.98 3635175.90 0.85732 503221.98
3635175.90 0.87521
503271.98 3635175.90 0.89125 503321.98
3635175.90 0.90756
503371.98 3635175.90 0.92205 503421.98
3635175.90 0.93378
503471.98 3635175.90 0.94867 503521.98
3635175.90 0.95927
503571.98 3635175.90 0.97040 503621.98
3635175.90 0.97787
503671.98 3635175.90 0.98463 503721.98
3635175.90 1.00020
503771.98 3635175.90 1.03155 503821.98
3635175.90 1.05451
504371.98 3635175.90 0.85866 504421.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 0.83019 | 503271.98 | 3635225.90 | 0.84415 |
| 503321.98 | 3635225.90 | 0.85750 | 503371.98 | 3635225.90 | 0.87034 |
| 503421.98 | 3635225.90 | 0.88222 | 503471.98 | 3635225.90 | 0.89375 |

503521.98 3635225.90 0.90576 503571.98 3635225.90 0.91528
503621.98 3635225.90 0.92276 503671.98 3635225.90 0.92828
504371.98 3635225.90 0.81575 504421.98 3635225.90 0.79916
504471.98 3635225.90 0.78214 504521.98 3635225.90 0.76471
504571.98 3635225.90 0.74736 504621.98 3635225.90 0.72904
502721.98 3635275.90 0.64385 502771.98 3635275.90 0.65983
502821.98 3635275.90 0.67539 502871.98 3635275.90 0.69048
502921.98 3635275.90 0.70608 502971.98 3635275.90 0.72099
503021.98 3635275.90 0.73633 503071.98 3635275.90 0.75112
503121.98 3635275.90 0.76548 503171.98 3635275.90 0.77936
503221.98 3635275.90 0.79051 503271.98 3635275.90 0.80339
503321.98 3635275.90 0.81498 503371.98 3635275.90 0.82682
503421.98 3635275.90 0.83665 503471.98 3635275.90 0.84621
503521.98 3635275.90 0.85422 503571.98 3635275.90 0.86426
503621.98 3635275.90 0.87124 504371.98 3635275.90 0.77766
504421.98 3635275.90 0.76279 504471.98 3635275.90 0.74701
504521.98 3635275.90 0.73106 504571.98 3635275.90 0.71503
504621.98 3635275.90 0.69903 504671.98 3635275.90 0.68196
502721.98 3635325.90 0.62113 502771.98 3635325.90 0.63555
502821.98 3635325.90 0.64964 502871.98 3635325.90 0.66360
502921.98 3635325.90 0.67766 502971.98 3635325.90 0.69117
503021.98 3635325.90 0.70499 503071.98 3635325.90 0.71827
503121.98 3635325.90 0.73125 503171.98 3635325.90 0.74370
503221.98 3635325.90 0.75366 503271.98 3635325.90 0.76515
503321.98 3635325.90 0.77580 503371.98 3635325.90 0.78624

```
         503421.98    3635325.90        0.79536                       503471.98
3635325.90        0.80357
         503521.98    3635325.90        0.80996                       503571.98
3635325.90        0.81755
         503621.98    3635325.90        0.82427                       504371.98
3635325.90        0.74138
         504421.98    3635325.90        0.72784                       504471.98
3635325.90        0.71380
         504521.98    3635325.90        0.69926                       504571.98
3635325.90        0.68463
         504621.98    3635325.90        0.67038                       504671.98
3635325.90        0.65592
         504721.98    3635325.90        0.64000                       502721.98
3635375.90        0.59960
         502771.98    3635375.90        0.61392                       502821.98
3635375.90        0.62690
         502871.98    3635375.90        0.63971                       502921.98
3635375.90        0.65216
         502971.98    3635375.90        0.66329                       503021.98
3635375.90        0.67663
         503071.98    3635375.90        0.68911                       503121.98
3635375.90        0.69947
         503171.98    3635375.90        0.71037                       503221.98
3635375.90        0.71940
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 463
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                 INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
```

Y-COORD (M)  CONC

- - - -

3635425.90        0.60611
         504721.98    3635425.90        0.59386                        502721.98
3635475.90        0.55939
         502771.98    3635475.90        0.56996                        502821.98
3635475.90        0.58078
         502871.98    3635475.90        0.59154                        502921.98
3635475.90        0.60247
         502971.98    3635475.90        0.61261                        503021.98
3635475.90        0.62282
         503071.98    3635475.90        0.63259                        503121.98
3635475.90        0.64091
         503171.98    3635475.90        0.65001                        503221.98
3635475.90        0.65891
         503271.98    3635475.90        0.66735                        503321.98
3635475.90        0.67502
         503371.98    3635475.90        0.68191                        503421.98
3635475.90        0.68823
         503471.98    3635475.90        0.69405                        503521.98
3635475.90        0.69906
         503571.98    3635475.90        0.70331                        503621.98
3635475.90        0.70643
         503671.98    3635475.90        0.70908                        503721.98
3635475.90        0.71054
         503771.98    3635475.90        0.71077                        503821.98
3635475.90        0.71025
         503871.98    3635475.90        0.70864                        503921.98
3635475.90        0.70650
         504371.98    3635475.90        0.64631                        504421.98
3635475.90        0.63678
         504471.98    3635475.90        0.62682                        504521.98
3635475.90        0.61596
         504571.98    3635475.90        0.60533                        504621.98
3635475.90        0.59441

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS   ***
                              INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620

, L0000621    , L0000622    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 0.58331 | 504721.98 | 3635475.90 | 0.57231 |
| 502221.98 | 3632975.90 | 0.85311 | 502271.98 | 3632975.90 | 0.89687 |
| 502321.98 | 3632975.90 | 0.94485 | 502371.98 | 3632975.90 | 0.99767 |
| 502421.98 | 3632975.90 | 1.05549 | 502471.98 | 3632975.90 | 1.11891 |
| 502521.98 | 3632975.90 | 1.18535 | 502571.98 | 3632975.90 | 1.26176 |
| 502621.98 | 3632975.90 | 1.34772 | 502671.98 | 3632975.90 | 1.44507 |
| 502721.98 | 3632975.90 | 1.55545 | 502771.98 | 3632975.90 | 1.68331 |
| 502821.98 | 3632975.90 | 1.84193 | 502871.98 | 3632975.90 | 1.97084 |
| 502921.98 | 3632975.90 | 2.15284 | 502971.98 | 3632975.90 | 1.68751 |
| 503021.98 | 3632975.90 | 1.83293 | 503071.98 | 3632975.90 | 2.67617 |
| 503121.98 | 3632975.90 | 3.29170 | 503171.98 | 3632975.90 | 3.74134 |
| 503221.98 | 3632975.90 | 4.28894 | 503271.98 | 3632975.90 | 5.03628 |
| 503321.98 | 3632975.90 | 6.10950 | 503371.98 | 3632975.90 | 7.71016 |
| 503421.98 | 3632975.90 | 10.71289 | 503471.98 | 3632975.90 | 17.07697 |
| 503621.98 | 3632975.90 | 26.09265 | 503671.98 | 3632975.90 | 14.65690 |
| 503721.98 | 3632975.90 | 9.41478 | 503771.98 | 3632975.90 | 6.10649 |
| 503821.98 | 3632975.90 | 3.91044 | 503871.98 | 3632975.90 | 3.10984 |
| 503921.98 | 3632975.90 | 2.69158 | 503971.98 | 3632975.90 | 2.39448 |
| 504021.98 | 3632975.90 | 2.14874 | 504071.98 | 3632975.90 | 1.95916 |

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         504121.98    3632975.90        1.78720                        504171.98
3632975.90        1.65157
         504221.98    3632975.90        1.53282                        504271.98
3632975.90        1.43078
         504321.98    3632975.90        1.34008                        504371.98
3632975.90        1.25482
         504421.98    3632975.90        1.18127                        504471.98
3632975.90        1.11612
         504521.98    3632975.90        1.05814                        504571.98
3632975.90        1.00398
         504621.98    3632975.90        0.95332                        504671.98
3632975.90        0.90710
         504721.98    3632975.90        0.86488                        504771.98
3632975.90        0.82533
         504821.98    3632975.90        0.78671                        504871.98
3632975.90        0.75121
         504921.98    3632975.90        0.71878                        504971.98
3632975.90        0.68823
         505021.98    3632975.90        0.65891                        505071.98
3632975.90        0.63196
         505121.98    3632975.90        0.60801                        505171.98
3632975.90        0.58741
         505221.98    3632975.90        0.56894                        502221.98
3633025.90        0.86193
         502271.98    3633025.90        0.91273                        502321.98
3633025.90        0.96099
         502371.98    3633025.90        1.01630                        502421.98
3633025.90        1.07707
         502471.98    3633025.90        1.14092                        502521.98
3633025.90        1.21336
         502571.98    3633025.90        1.29397                        502621.98
3633025.90        1.38563
         502671.98    3633025.90        1.48682                        502721.98
3633025.90        1.60151
         502771.98    3633025.90        1.73392                        502821.98
3633025.90        1.90898
         502871.98    3633025.90        2.06099                        502921.98
3633025.90        2.23881
         502971.98    3633025.90        1.83756                        503021.98
3633025.90        2.22627
         503071.98    3633025.90        3.02950                        503121.98
3633025.90        3.47724
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 465
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***

INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 3.96042 | 503221.98 | 3633025.90 | 4.56003 |
| 503271.98 | 3633025.90 | 5.39771 | 503321.98 | 3633025.90 | 6.56789 |
| 503371.98 | 3633025.90 | 8.42095 | 503421.98 | 3633025.90 | 12.02861 |
| 503471.98 | 3633025.90 | 18.72793 | 503621.98 | 3633025.90 | 27.77877 |
| 503671.98 | 3633025.90 | 16.03934 | 503721.98 | 3633025.90 | 10.86283 |
| 503771.98 | 3633025.90 | 5.73127 | 503821.98 | 3633025.90 | 4.04561 |
| 503871.98 | 3633025.90 | 3.31160 | 503921.98 | 3633025.90 | 2.86346 |
| 503971.98 | 3633025.90 | 2.53363 | 504021.98 | 3633025.90 | 2.27084 |
| 504071.98 | 3633025.90 | 2.05553 | 504121.98 | 3633025.90 | 1.87757 |
| 504171.98 | 3633025.90 | 1.72887 | 504221.98 | 3633025.90 | 1.60251 |
| 504271.98 | 3633025.90 | 1.49156 | 504321.98 | 3633025.90 | 1.39354 |
| 504371.98 | 3633025.90 | 1.30273 | 504421.98 | 3633025.90 | 1.22384 |
| 504471.98 | 3633025.90 | 1.15424 | 504521.98 | 3633025.90 | 1.08987 |
| 504571.98 | 3633025.90 | 1.03139 | 504621.98 | 3633025.90 | 0.97818 |
| 504671.98 | 3633025.90 | 0.92974 | 504721.98 | | |

```
3633025.90        0.88521
         504771.98    3633025.90        0.84395                    504821.98
3633025.90        0.80439
         504871.98    3633025.90        0.76893                    504921.98
3633025.90        0.73550
         504971.98    3633025.90        0.70290                    505021.98
3633025.90        0.67116
         505071.98    3633025.90        0.64262                    505121.98
3633025.90        0.61767
         505171.98    3633025.90        0.59675                    505221.98
3633025.90        0.58095
         502221.98    3633075.90        0.87581                    502271.98
3633075.90        0.92714
         502321.98    3633075.90        0.97850                    502371.98
3633075.90        1.03485
         502421.98    3633075.90        1.09707                    502471.98
3633075.90        1.16208
         502521.98    3633075.90        1.23736                    502571.98
3633075.90        1.32316
         502621.98    3633075.90        1.41762                    502671.98
3633075.90        1.51981
         502721.98    3633075.90        1.64369                    502771.98
3633075.90        1.77892
         502821.98    3633075.90        1.95548                    502871.98
3633075.90        2.14385
         502921.98    3633075.90        2.33739                    502971.98
3633075.90        2.54013
         503021.98    3633075.90        2.85244                    503071.98
3633075.90        3.21324
         503121.98    3633075.90        3.64093                    503171.98
3633075.90        4.15629
         503221.98    3633075.90        4.80216                    503271.98
3633075.90        5.71274
         503321.98    3633075.90        7.00533                    503371.98
3633075.90        9.01232
         503421.98    3633075.90       12.76073                    503471.98
3633075.90       19.59579
         503621.98    3633075.90       28.69374                    503671.98
3633075.90       16.02555
         503721.98    3633075.90       10.55432                    503771.98
3633075.90        5.77324
         503821.98    3633075.90        4.21680                    503871.98
3633075.90        3.47739
         503921.98    3633075.90        3.01817                    503971.98
3633075.90        2.67315
         504021.98    3633075.90        2.38497                    504071.98
3633075.90        2.15494
         504121.98    3633075.90        1.96537                    504171.98
3633075.90        1.80647
         504221.98    3633075.90        1.67105                    504271.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS   ***
                                 INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)        Y-COORD (M)        CONC
 - - -

```
         502271.98    3633125.90        0.94022                    502321.98
3633125.90        0.99317
         502371.98    3633125.90        1.05092                    502421.98
3633125.90        1.11523
         502471.98    3633125.90        1.18394                    502521.98
3633125.90        1.26143
         502571.98    3633125.90        1.34799                    502621.98
3633125.90        1.44480
         502671.98    3633125.90        1.55633                    502721.98
3633125.90        1.67923
         502771.98    3633125.90        1.82728                    502821.98
3633125.90        1.99141
         502871.98    3633125.90        2.19799                    502921.98
3633125.90        2.42470
         502971.98    3633125.90        2.66957                    503021.98
3633125.90        2.97118
         503071.98    3633125.90        3.33855                    503121.98
3633125.90        3.78064
         503171.98    3633125.90        4.33046                    503221.98
3633125.90        5.02140
         503271.98    3633125.90        5.98097                    503321.98
3633125.90        7.30309
         503371.98    3633125.90        9.42689                    503421.98
3633125.90       13.30840
         503471.98    3633125.90       20.15021                    503621.98
3633125.90       28.50792
         503671.98    3633125.90       14.68903                    503721.98
3633125.90        9.71922
         503771.98    3633125.90        5.65872                    503821.98
3633125.90        4.37283
         503871.98    3633125.90        3.64278                    503921.98
3633125.90        3.16135
         503971.98    3633125.90        2.79550                    504021.98
3633125.90        2.48352
         504071.98    3633125.90        2.24602                    504121.98
3633125.90        2.04974
         504171.98    3633125.90        1.88246                    504221.98
3633125.90        1.73869
         504271.98    3633125.90        1.61474                    504321.98
3633125.90        1.50372
         504371.98    3633125.90        1.40390                    504421.98
3633125.90        1.31564
         504471.98    3633125.90        1.23242                    504521.98
3633125.90        1.15808
         504571.98    3633125.90        1.09177                    504621.98
3633125.90        1.03294
         504671.98    3633125.90        0.97970                    504721.98
3633125.90        0.93012
         504771.98    3633125.90        0.88472                    504821.98
3633125.90        0.84293
```

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3633175.90        1.00471                      502371.98
3633175.90        1.06768
         502421.98    3633175.90        1.13533                      502471.98
3633175.90        1.20568
         502521.98    3633175.90        1.28617                      502571.98
3633175.90        1.37666
         502621.98    3633175.90        1.47745                      502671.98
3633175.90        1.59388
         502721.98    3633175.90        1.73228                      502771.98
3633175.90        1.88451
         502821.98    3633175.90        2.06017                      502871.98

3633175.90 2.24025
502921.98 3633175.90 2.47513 502971.98
3633175.90 2.73984
503021.98 3633175.90 3.06945 503071.98
3633175.90 3.43996
503121.98 3633175.90 3.90529 503171.98
3633175.90 4.46034
503221.98 3633175.90 5.22084 503271.98
3633175.90 6.23061
503321.98 3633175.90 7.60247 503371.98
3633175.90 9.81568
503421.98 3633175.90 13.64251 503471.98
3633175.90 20.82534
503621.98 3633175.90 22.88357 503671.98
3633175.90 14.25222
503721.98 3633175.90 8.34293 503771.98
3633175.90 5.68260
503821.98 3633175.90 4.51464 503871.98
3633175.90 3.78610
503921.98 3633175.90 3.29425 503971.98
3633175.90 2.90929
504021.98 3633175.90 2.58136 504071.98
3633175.90 2.33431
504121.98 3633175.90 2.13188 504171.98
3633175.90 1.96231
504221.98 3633175.90 1.80828 504271.98
3633175.90 1.67493
504321.98 3633175.90 1.55790 504371.98
3633175.90 1.46129
504421.98 3633175.90 1.36140 504471.98
3633175.90 1.27103
504521.98 3633175.90 1.19198 504571.98
3633175.90 1.12254
504621.98 3633175.90 1.06216 504671.98
3633175.90 1.00729
504721.98 3633175.90 0.95532 504771.98
3633175.90 0.90742
504821.98 3633175.90 0.86330 504871.98
3633175.90 0.82744
504921.98 3633175.90 0.80344 504971.98
3633175.90 0.75406
505021.98 3633175.90 0.70925 505071.98
3633175.90 0.67370
505121.98 3633175.90 0.64483 505171.98
3633175.90 0.62119
505221.98 3633175.90 0.60319 502221.98
3633225.90 0.91198
502271.98 3633225.90 0.96350 502321.98
3633225.90 1.01835
502371.98 3633225.90 1.08332 502421.98

3633225.90        1.15153
         502471.98    3633225.90        1.22170                      502521.98
3633225.90        1.30543
         502571.98    3633225.90        1.39740                      502621.98
3633225.90        1.50265
         502671.98    3633225.90        1.62149                      502721.98
3633225.90        1.76596
         502771.98    3633225.90        1.91529                      502821.98
3633225.90        2.09562
         502871.98    3633225.90        2.29566                      502921.98
3633225.90        2.52252
         502971.98    3633225.90        2.78956                      503021.98
3633225.90        3.11903
         503071.98    3633225.90        3.50353                      503121.98
3633225.90        3.96824
         503171.98    3633225.90        4.57678                      503221.98
3633225.90        5.37672
         503271.98    3633225.90        6.41512                      503321.98
3633225.90        7.87404

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                 INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         503371.98    3633225.90       10.21150                      503421.98
3633225.90       14.00029

503471.98 3633225.90 21.87544 503621.98
3633225.90 22.78407
503671.98 3633225.90 13.09962 503721.98
3633225.90 7.99193
503771.98 3633225.90 5.85329 503821.98
3633225.90 4.65899
503871.98 3633225.90 3.93629 503921.98
3633225.90 3.41588
503971.98 3633225.90 3.01842 504021.98
3633225.90 2.69170
504071.98 3633225.90 2.43402 504121.98
3633225.90 2.22517
504171.98 3633225.90 2.04513 504221.98
3633225.90 1.86822
504271.98 3633225.90 1.72948 504321.98
3633225.90 1.61946
504371.98 3633225.90 1.51982 504421.98
3633225.90 1.40678
504471.98 3633225.90 1.31001 504521.98
3633225.90 1.22625
504571.98 3633225.90 1.15408 504621.98
3633225.90 1.09145
504671.98 3633225.90 1.03675 504721.98
3633225.90 0.98392
504771.98 3633225.90 0.93194 504821.98
3633225.90 0.89078
504871.98 3633225.90 0.85200 504921.98
3633225.90 0.82560
504971.98 3633225.90 0.77257 505021.98
3633225.90 0.72428
505071.98 3633225.90 0.68802 505121.98
3633225.90 0.65574
505171.98 3633225.90 0.62528 505221.98
3633225.90 0.60447
502221.98 3633275.90 0.92026 502271.98
3633275.90 0.97239
502321.98 3633275.90 1.03135 502371.98
3633275.90 1.09543
502421.98 3633275.90 1.16346 502471.98
3633275.90 1.23906
502521.98 3633275.90 1.32363 502571.98
3633275.90 1.41739
502621.98 3633275.90 1.52526 502671.98
3633275.90 1.64561
502721.98 3633275.90 1.78259 502771.98
3633275.90 1.94677
502821.98 3633275.90 2.15337 502871.98
3633275.90 2.33758
502921.98 3633275.90 2.56266 502971.98
3633275.90 2.83700

```
         503021.98    3633275.90        3.17711                        503071.98
3633275.90        3.56465
         503121.98    3633275.90        4.03201                        503171.98
3633275.90        4.64701
         503221.98    3633275.90        5.46543                        503271.98
3633275.90        6.59014
         503321.98    3633275.90        8.06460                        503371.98
3633275.90       10.42419
         503421.98    3633275.90       14.42252                        503471.98
3633275.90       14.85373
         503621.98    3633275.90       18.63184                        503671.98
3633275.90       11.79342
         503721.98    3633275.90        7.80903                        503771.98
3633275.90        5.93376
         503821.98    3633275.90        4.79362                        503871.98
3633275.90        4.07516
         503921.98    3633275.90        3.55405                        503971.98
3633275.90        3.17614
         504021.98    3633275.90        2.83185                        504071.98
3633275.90        2.54473
         504121.98    3633275.90        2.33653                        504171.98
3633275.90        2.12232
         504221.98    3633275.90        1.93504                        504271.98
3633275.90        1.79125
         504321.98    3633275.90        1.68836                        504371.98
3633275.90        1.59716
         504421.98    3633275.90        1.46485                        504471.98
3633275.90        1.35303
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 469
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 1.26165 | 504571.98 | 3633275.90 | 1.18632 |
| 504621.98 | 3633275.90 | 1.12341 | 504671.98 | 3633275.90 | 1.07058 |
| 504721.98 | 3633275.90 | 1.01269 | 504771.98 | 3633275.90 | 0.94964 |
| 504821.98 | 3633275.90 | 0.90938 | 504871.98 | 3633275.90 | 0.87827 |
| 504921.98 | 3633275.90 | 0.85153 | 504971.98 | 3633275.90 | 0.79673 |
| 505021.98 | 3633275.90 | 0.74607 | 505071.98 | 3633275.90 | 0.70915 |
| 505121.98 | 3633275.90 | 0.67131 | 505171.98 | 3633275.90 | 0.63149 |
| 505221.98 | 3633275.90 | 0.60802 | 502221.98 | 3633325.90 | 0.92805 |
| 502271.98 | 3633325.90 | 0.98157 | 502321.98 | 3633325.90 | 1.04049 |
| 502371.98 | 3633325.90 | 1.10433 | 502421.98 | 3633325.90 | 1.17417 |
| 502471.98 | 3633325.90 | 1.24904 | 502521.98 | 3633325.90 | 1.33632 |
| 502571.98 | 3633325.90 | 1.43278 | 502621.98 | 3633325.90 | 1.54203 |
| 502671.98 | 3633325.90 | 1.66440 | 502721.98 | 3633325.90 | 1.80381 |
| 502771.98 | 3633325.90 | 1.97625 | 502821.98 | 3633325.90 | 2.16047 |
| 502871.98 | 3633325.90 | 2.35122 | 502921.98 | 3633325.90 | 2.59070 |
| 502971.98 | 3633325.90 | 2.87501 | 503021.98 | 3633325.90 | 3.21261 |
| 503071.98 | 3633325.90 | 3.60549 | 503121.98 | 3633325.90 | 4.08458 |
| 503171.98 | 3633325.90 | 4.69552 | 503221.98 | 3633325.90 | 5.48945 |
| 503271.98 | 3633325.90 | 6.70516 | 503321.98 | 3633325.90 | 8.22650 |
| 503371.98 | 3633325.90 | 10.65364 | 503421.98 | 3633325.90 | 14.52204 |
| 503471.98 | 3633325.90 | 11.21941 | 503621.98 | 3633325.90 | 16.56530 |
| 503671.98 | 3633325.90 | 10.97587 | 503721.98 | | |

3633325.90        7.70154
         503771.98    3633325.90        6.07235                          503821.98
3633325.90        4.96760
         503871.98    3633325.90        4.22384                          503921.98
3633325.90        3.73639
         503971.98    3633325.90        3.40537                          504021.98
3633325.90        3.01206
         504071.98    3633325.90        2.67887                          504121.98
3633325.90        2.48358
         504171.98    3633325.90        2.20850                          504221.98
3633325.90        2.00258
         504271.98    3633325.90        1.86704                          504321.98
3633325.90        1.78956
         504371.98    3633325.90        1.69477                          504421.98
3633325.90        1.53291
         504471.98    3633325.90        1.40152                          504521.98
3633325.90        1.29939
         504571.98    3633325.90        1.22248                          504621.98
3633325.90        1.16060
         504671.98    3633325.90        1.11102                          504721.98
3633325.90        1.04395
         504771.98    3633325.90        0.97235                          504821.98
3633325.90        0.92541
         504871.98    3633325.90        0.90829                          504921.98
3633325.90        0.88250
         504971.98    3633325.90        0.82576                          505021.98
3633325.90        0.77633
         505071.98    3633325.90        0.73815                          505121.98
3633325.90        0.68187
         505171.98    3633325.90        0.63866                          505221.98
3633325.90        0.61721
         502221.98    3633375.90        0.93576                          502271.98
3633375.90        0.98899
         502321.98    3633375.90        1.04706                          502371.98
3633375.90        1.11068
         502421.98    3633375.90        1.18131                          502471.98
3633375.90        1.25887


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604

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, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3633375.90        1.34633                       502571.98
3633375.90        1.44410
         502621.98    3633375.90        1.55393                       502671.98
3633375.90        1.67797
         502721.98    3633375.90        1.81910                       502771.98
3633375.90        1.97950
         502821.98    3633375.90        2.16195                       502871.98
3633375.90        2.36775
         502921.98    3633375.90        2.61149                       502971.98
3633375.90        2.89701
         503021.98    3633375.90        3.23700                       503071.98
3633375.90        3.63385
         503121.98    3633375.90        4.11999                       503171.98
3633375.90        4.72999
         503221.98    3633375.90        5.53194                       503271.98
3633375.90        6.57515
         503321.98    3633375.90        8.15389                       503371.98
3633375.90       10.70951
         503421.98    3633375.90       11.45099                       503471.98
3633375.90       14.20950
         503621.98    3633375.90       17.42915                       503671.98
3633375.90       11.23293
         503721.98    3633375.90        8.00345                       503771.98
3633375.90        6.35492
         503821.98    3633375.90        5.29904                       503871.98
3633375.90        4.45985
         503921.98    3633375.90        3.99357                       503971.98
3633375.90        3.72608
         504021.98    3633375.90        3.22954                       504071.98
3633375.90        2.84264
         504121.98    3633375.90        2.66006                       504171.98
3633375.90        2.29773
         504221.98    3633375.90        2.09984                       504271.98
3633375.90        1.99357
```

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         504321.98    3633375.90        1.93484                       504371.98
3633375.90        1.82532
         504421.98    3633375.90        1.60972                       504471.98
3633375.90        1.45093
         504521.98    3633375.90        1.33786                       504571.98
3633375.90        1.26470
         504621.98    3633375.90        1.20600                       504671.98
3633375.90        1.16325
         504721.98    3633375.90        1.07769                       504771.98
3633375.90        0.99707
         504821.98    3633375.90        0.95382                       504871.98
3633375.90        0.95512
         504921.98    3633375.90        0.91613                       504971.98
3633375.90        0.86266
         505021.98    3633375.90        0.80980                       505071.98
3633375.90        0.74614
         505121.98    3633375.90        0.68632                       505171.98
3633375.90        0.64585
         505221.98    3633375.90        0.63002                       502221.98
3633425.90        0.93881
         502271.98    3633425.90        0.99112                       502321.98
3633425.90        1.04804
         502371.98    3633425.90        1.11186                       502421.98
3633425.90        1.18367
         502471.98    3633425.90        1.26918                       502521.98
3633425.90        1.35599
         502571.98    3633425.90        1.45263                       502621.98
3633425.90        1.56280
         502671.98    3633425.90        1.68360                       502721.98
3633425.90        1.82202
         502771.98    3633425.90        1.98169                       502821.98
3633425.90        2.16244
         502871.98    3633425.90        2.37198                       502921.98
3633425.90        2.62150
         502971.98    3633425.90        2.90782                       503021.98
3633425.90        3.24139
         503071.98    3633425.90        3.64839                       503121.98
3633425.90        4.12327
         503171.98    3633425.90        4.74293                       503221.98
3633425.90        5.53536
         503271.98    3633425.90        6.57825                       503321.98
3633425.90        8.16681
         503371.98    3633425.90       10.80342                       503421.98
3633425.90       12.50084
         503471.98    3633425.90       17.50864                       503621.98
3633425.90       22.18269
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 12.76962 | 503721.98 | 3633425.90 | 8.55808 |
| 503771.98 | 3633425.90 | 6.72272 | 503821.98 | 3633425.90 | 5.62774 |
| 503871.98 | 3633425.90 | 4.82484 | 503921.98 | 3633425.90 | 4.48671 |
| 503971.98 | 3633425.90 | 4.06912 | 504021.98 | 3633425.90 | 3.47698 |
| 504071.98 | 3633425.90 | 3.06057 | 504121.98 | 3633425.90 | 2.88490 |
| 504171.98 | 3633425.90 | 2.47361 | 504221.98 | 3633425.90 | 2.30268 |
| 504271.98 | 3633425.90 | 2.24216 | 504321.98 | 3633425.90 | 2.21457 |
| 504371.98 | 3633425.90 | 1.93798 | 504421.98 | 3633425.90 | 1.68846 |
| 504471.98 | 3633425.90 | 1.51117 | 504521.98 | 3633425.90 | 1.38318 |
| 504571.98 | 3633425.90 | 1.31428 | 504621.98 | 3633425.90 | 1.26983 |
| 504671.98 | 3633425.90 | 1.21486 | 504721.98 | 3633425.90 | 1.13951 |
| 504771.98 | 3633425.90 | 1.05086 | 504821.98 | 3633425.90 | 0.98709 |
| 504871.98 | 3633425.90 | 0.99847 | 504921.98 | | |

3633425.90 0.94238
504971.98 3633425.90 0.87847 505021.98
3633425.90 0.79335
505071.98 3633425.90 0.73199 505121.98
3633425.90 0.68611
505171.98 3633425.90 0.65386 505221.98
3633425.90 0.64497
502221.98 3633475.90 0.94121 502271.98
3633475.90 0.99326
502321.98 3633475.90 1.05088 502371.98
3633475.90 1.11518
502421.98 3633475.90 1.18737 502471.98
3633475.90 1.27493
502521.98 3633475.90 1.35752 502571.98
3633475.90 1.45394
502621.98 3633475.90 1.56474 502671.98
3633475.90 1.68534
504771.98 3633475.90 1.15677 504821.98
3633475.90 1.09955
504871.98 3633475.90 1.03839 504921.98
3633475.90 0.98280
504971.98 3633475.90 0.89088 505021.98
3633475.90 0.79266
505071.98 3633475.90 0.73377 505121.98
3633475.90 0.69141
505171.98 3633475.90 0.65874 505221.98
3633475.90 0.64803
502221.98 3633525.90 0.94430 502271.98
3633525.90 0.99622
502321.98 3633525.90 1.05319 502371.98
3633525.90 1.11974
502421.98 3633525.90 1.19380 502471.98
3633525.90 1.27792
502521.98 3633525.90 1.35745 502571.98
3633525.90 1.44641
502621.98 3633525.90 1.55622 502671.98
3633525.90 1.67763
504771.98 3633525.90 1.17723 504821.98
3633525.90 1.10109
504871.98 3633525.90 1.03966 504921.98
3633525.90 0.98707
504971.98 3633525.90 0.93543 505021.98
3633525.90 0.83931
505071.98 3633525.90 0.75333 505121.98
3633525.90 0.69475
505171.98 3633525.90 0.66250 505221.98
3633525.90 0.64710
502221.98 3633575.90 0.95062 502271.98
3633575.90 0.99619
502321.98 3633575.90 1.05278 502371.98

3633575.90        1.11977
         502421.98    3633575.90        1.19162                       502471.98
3633575.90        1.26769
         502521.98    3633575.90        1.35079                       502571.98
3633575.90        1.44417

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633575.90        1.55067                       502671.98
3633575.90        1.67021
         504771.98    3633575.90        1.17735                       504821.98
3633575.90        1.10955
         504871.98    3633575.90        1.05197                       504921.98
3633575.90        0.98342
         504971.98    3633575.90        0.94743                       505021.98
3633575.90        0.88288
         505071.98    3633575.90        0.78482                       505121.98
3633575.90        0.70747
         505171.98    3633575.90        0.67058                       505221.98
3633575.90        0.66174
         502221.98    3633625.90        0.95333                       502271.98
3633625.90        0.99327
         502321.98    3633625.90        1.05242                       502371.98
3633625.90        1.11703

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         502421.98    3633625.90        1.18982                    502471.98
3633625.90        1.26211
         502521.98    3633625.90        1.35111                    502571.98
3633625.90        1.44520
         502621.98    3633625.90        1.55076                    502671.98
3633625.90        1.66627
         504771.98    3633625.90        1.17499                    504821.98
3633625.90        1.15398
         504871.98    3633625.90        1.06473                    504921.98
3633625.90        1.00028
         504971.98    3633625.90        0.96453                    505021.98
3633625.90        0.90761
         505071.98    3633625.90        0.80170                    505121.98
3633625.90        0.72508
         505171.98    3633625.90        0.68070                    505221.98
3633625.90        0.67522
         502221.98    3633675.90        0.94473                    502271.98
3633675.90        0.98854
         502321.98    3633675.90        1.04706                    502371.98
3633675.90        1.10886
         502421.98    3633675.90        1.18242                    502471.98
3633675.90        1.25836
         502521.98    3633675.90        1.34463                    502571.98
3633675.90        1.43756
         502621.98    3633675.90        1.54034                    502671.98
3633675.90        1.65412
         504771.98    3633675.90        1.22193                    504821.98
3633675.90        1.16744
         504871.98    3633675.90        1.10824                    504921.98
3633675.90        1.05063
         504971.98    3633675.90        0.99235                    505021.98
3633675.90        0.92450
         505071.98    3633675.90        0.81191                    505121.98
3633675.90        0.72273
         505171.98    3633675.90        0.68306                    505221.98
3633675.90        0.67741
         502221.98    3633725.90        0.93691                    502271.98
3633725.90        0.98228
         502321.98    3633725.90        1.04161                    502371.98
3633725.90        1.10441
         502421.98    3633725.90        1.17386                    502471.98
3633725.90        1.24999
         502521.98    3633725.90        1.33412                    502571.98
3633725.90        1.42652
         502621.98    3633725.90        1.52830                    502671.98
3633725.90        1.63937
         504771.98    3633725.90        1.32774                    504821.98
3633725.90        1.20812
         504871.98    3633725.90        1.14847                    504921.98
3633725.90        1.07249
```

```
         504971.98    3633725.90        0.99754                       505021.98
3633725.90        0.90946
         505071.98    3633725.90        0.79097                       505121.98
3633725.90        0.71131
         505171.98    3633725.90        0.68830                       505221.98
3633725.90        0.67639
         502221.98    3633775.90        0.92988                       502271.98
3633775.90        0.97525
         502321.98    3633775.90        1.03775                       502371.98
3633775.90        1.09829
         502421.98    3633775.90        1.16783                       502471.98
3633775.90        1.23828
         502521.98    3633775.90        1.32134                       502571.98
3633775.90        1.41256
```



```
                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633775.90        1.51050                       502671.98
3633775.90        1.61954
         504771.98    3633775.90        1.40358                       504821.98
3633775.90        1.29477
         504871.98    3633775.90        1.17636                       504921.98
3633775.90        1.05257
         504971.98    3633775.90        0.97777                       505021.98
```

3633775.90 0.87977
505071.98 3633775.90 0.78706 505121.98
3633775.90 0.71407
505171.98 3633775.90 0.68520 505221.98
3633775.90 0.67489
502221.98 3633825.90 0.92590 502271.98
3633825.90 0.96934
502321.98 3633825.90 1.02751 502371.98
3633825.90 1.08912
502421.98 3633825.90 1.15477 502471.98
3633825.90 1.22547
502521.98 3633825.90 1.30568 502571.98
3633825.90 1.39523
502621.98 3633825.90 1.49376 502671.98
3633825.90 1.59918
504771.98 3633825.90 1.43110 504821.98
3633825.90 1.30225
504871.98 3633825.90 1.10554 504921.98
3633825.90 0.98031
504971.98 3633825.90 0.90961 505021.98
3633825.90 0.85328
505071.98 3633825.90 0.77661 505121.98
3633825.90 0.70372
505171.98 3633825.90 0.68088 505221.98
3633825.90 0.67325
502221.98 3633875.90 0.91515 502271.98
3633875.90 0.96027
502321.98 3633875.90 1.01914 502371.98
3633875.90 1.07512
502421.98 3633875.90 1.14062 502471.98
3633875.90 1.20783
502521.98 3633875.90 1.28788 502571.98
3633875.90 1.37643
502621.98 3633875.90 1.47205 502671.98
3633875.90 1.57404
504771.98 3633875.90 1.41949 504821.98
3633875.90 1.24305
504871.98 3633875.90 1.05167 504921.98
3633875.90 0.94498
504971.98 3633875.90 0.86567 505021.98
3633875.90 0.79940
505071.98 3633875.90 0.76002 505121.98
3633875.90 0.70433
505171.98 3633875.90 0.68410 505221.98
3633875.90 0.67125
502221.98 3633925.90 0.90502 502271.98
3633925.90 0.95168
502321.98 3633925.90 1.00644 502371.98
3633925.90 1.06010
502421.98 3633925.90 1.12691 502471.98

3633925.90        1.19301
         502521.98    3633925.90        1.26940                        502571.98
3633925.90        1.35348
         502621.98    3633925.90        1.44591                        502671.98
3633925.90        1.54461
         504771.98    3633925.90        1.37187                        504821.98
3633925.90        1.20388
         504871.98    3633925.90        1.06496                        504921.98
3633925.90        0.92133
         504971.98    3633925.90        0.82134                        505021.98
3633925.90        0.77392
         505071.98    3633925.90        0.73620                        505121.98
3633925.90        0.70518
         505171.98    3633925.90        0.69028                        505221.98
3633925.90        0.67466
         502221.98    3633975.90        0.89543                        502271.98
3633975.90        0.93723
         502321.98    3633975.90        0.98946                        502371.98
3633975.90        1.04777
         502421.98    3633975.90        1.11005                        502471.98
3633975.90        1.17604
         502521.98    3633975.90        1.25027                        502571.98
3633975.90        1.32946

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                 INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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 - - -
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```
         505071.98    3634075.90        0.69911                        505121.98
3634075.90        0.70393
         505171.98    3634075.90        0.71228                        505221.98
3634075.90        0.69743
         502221.98    3634125.90        0.85010                        502271.98
3634125.90        0.89495
         502321.98    3634125.90        0.94018                        502371.98
3634125.90        0.99178
         502421.98    3634125.90        1.04548                        502471.98
3634125.90        1.10396
         502521.98    3634125.90        1.16745                        502571.98
3634125.90        1.23722
         502621.98    3634125.90        1.32054                        502671.98
3634125.90        1.41101
         504771.98    3634125.90        1.07993                        504821.98
3634125.90        1.00629
         504871.98    3634125.90        0.91812                        504921.98
3634125.90        0.80547
         504971.98    3634125.90        0.76028                        505021.98
3634125.90        0.71809
         505071.98    3634125.90        0.70798                        505121.98
3634125.90        0.71849
         505171.98    3634125.90        0.71913                        505221.98
3634125.90        0.70607
         502221.98    3634175.90        0.83039                        502271.98
3634175.90        0.87271
         502321.98    3634175.90        0.91614                        502371.98
3634175.90        0.97531
         502421.98    3634175.90        1.02702                        502471.98
3634175.90        1.08274
         502521.98    3634175.90        1.14193                        502571.98
3634175.90        1.20795
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 475
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 1.28001 | 502671.98 | 3634175.90 | 1.36228 |
| 504771.98 | 3634175.90 | 0.96891 | 504821.98 | 3634175.90 | 0.89675 |
| 504871.98 | 3634175.90 | 0.83880 | 504921.98 | 3634175.90 | 0.79428 |
| 504971.98 | 3634175.90 | 0.75470 | 505021.98 | 3634175.90 | 0.73171 |
| 505071.98 | 3634175.90 | 0.70092 | 505121.98 | 3634175.90 | 0.72133 |
| 505171.98 | 3634175.90 | 0.72025 | 505221.98 | 3634175.90 | 0.71817 |
| 502221.98 | 3634225.90 | 0.81603 | 502271.98 | 3634225.90 | 0.85468 |
| 502321.98 | 3634225.90 | 0.90229 | 502371.98 | 3634225.90 | 0.95525 |
| 502421.98 | 3634225.90 | 1.00643 | 502471.98 | 3634225.90 | 1.06001 |
| 502521.98 | 3634225.90 | 1.11573 | 502571.98 | 3634225.90 | 1.17896 |
| 502621.98 | 3634225.90 | 1.24631 | 502671.98 | 3634225.90 | 1.32132 |
| 504771.98 | 3634225.90 | 0.89485 | 504821.98 | 3634225.90 | 0.83633 |
| 504871.98 | 3634225.90 | 0.81596 | 504921.98 | 3634225.90 | 0.77965 |
| 504971.98 | 3634225.90 | 0.77773 | 505021.98 | 3634225.90 | 0.73928 |
| 505071.98 | 3634225.90 | 0.70515 | 505121.98 | 3634225.90 | 0.71145 |
| 505171.98 | 3634225.90 | 0.68472 | 505221.98 | 3634225.90 | 0.70555 |
| 502221.98 | 3634275.90 | 0.80144 | 502271.98 | 3634275.90 | 0.83881 |
| 502321.98 | 3634275.90 | 0.88242 | 502371.98 | 3634275.90 | 0.93417 |
| 502421.98 | 3634275.90 | 0.98251 | 502471.98 | 3634275.90 | 1.03339 |
| 502521.98 | 3634275.90 | 1.08859 | 502571.98 | | |

3634275.90        1.14746
         502621.98    3634275.90        1.21293                        502671.98
3634275.90        1.28351
         504771.98    3634275.90        0.86087                        504821.98
3634275.90        0.82171
         504871.98    3634275.90        0.80081                        504921.98
3634275.90        0.78888
         504971.98    3634275.90        0.80400                        505021.98
3634275.90        0.74227
         505071.98    3634275.90        0.70885                        505121.98
3634275.90        0.71378
         505171.98    3634275.90        0.66530                        505221.98
3634275.90        0.68822
         502221.98    3634325.90        0.78751                        502271.98
3634325.90        0.82476
         502321.98    3634325.90        0.86389                        502371.98
3634325.90        0.90597
         502421.98    3634325.90        0.95075                        502471.98
3634325.90        0.99804
         502521.98    3634325.90        1.04959                        502571.98
3634325.90        1.10484
         502621.98    3634325.90        1.16434                        502671.98
3634325.90        1.23000
         504771.98    3634325.90        0.85716                        504821.98
3634325.90        0.84793
         504871.98    3634325.90        0.82888                        504921.98
3634325.90        0.82793
         504971.98    3634325.90        0.82154                        505021.98
3634325.90        0.73980
         505071.98    3634325.90        0.70621                        505121.98
3634325.90        0.72419
         505171.98    3634325.90        0.67487                        505221.98
3634325.90        0.66642
         502221.98    3634375.90        0.77476                        502271.98
3634375.90        0.81045
         502321.98    3634375.90        0.84530                        502371.98
3634375.90        0.88308
         502421.98    3634375.90        0.92858                        502471.98
3634375.90        0.97735
         502521.98    3634375.90        1.03128                        502571.98
3634375.90        1.08436


                            *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596
, L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604
, L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612
, L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620
, L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 1.13566 | 502671.98 | 3634375.90 | 1.18785 |
| 504771.98 | 3634375.90 | 0.86386 | 504821.98 | 3634375.90 | 0.88729 |
| 504871.98 | 3634375.90 | 0.86606 | 504921.98 | 3634375.90 | 0.86346 |
| 504971.98 | 3634375.90 | 0.82506 | 505021.98 | 3634375.90 | 0.73848 |
| 505071.98 | 3634375.90 | 0.71311 | 505121.98 | 3634375.90 | 0.73722 |
| 505171.98 | 3634375.90 | 0.69251 | 505221.98 | 3634375.90 | 0.65989 |
| 502221.98 | 3634425.90 | 0.76349 | 502271.98 | 3634425.90 | 0.79824 |
| 502321.98 | 3634425.90 | 0.83397 | 502371.98 | 3634425.90 | 0.87205 |
| 502421.98 | 3634425.90 | 0.91334 | 502471.98 | 3634425.90 | 0.95592 |
| 502521.98 | 3634425.90 | 1.00315 | 502571.98 | 3634425.90 | 1.05268 |
| 502621.98 | 3634425.90 | 1.10598 | 502671.98 | 3634425.90 | 1.16233 |
| 504771.98 | 3634425.90 | 0.84984 | 504821.98 | 3634425.90 | 0.86756 |
| 504871.98 | 3634425.90 | 0.90875 | 504921.98 | 3634425.90 | 0.91889 |
| 504971.98 | 3634425.90 | 0.83216 | 505021.98 | 3634425.90 | 0.78348 |
| 505071.98 | 3634425.90 | 0.77443 | 505121.98 | 3634425.90 | 0.75487 |

505171.98 3634425.90 0.70814 505221.98 3634425.90 0.66739
502221.98 3634475.90 0.74729 502271.98 3634475.90 0.77996
502321.98 3634475.90 0.81429 502371.98 3634475.90 0.85075
502421.98 3634475.90 0.88941 502471.98 3634475.90 0.92998
502521.98 3634475.90 0.97463 502571.98 3634475.90 1.02135
502621.98 3634475.90 1.07100 502671.98 3634475.90 1.12410
504771.98 3634475.90 0.84677 504821.98 3634475.90 0.82913
504871.98 3634475.90 0.87928 504921.98 3634475.90 0.94228
504971.98 3634475.90 0.88330 505021.98 3634475.90 0.84012
505071.98 3634475.90 0.81210 505121.98 3634475.90 0.76955
505171.98 3634475.90 0.72171 505221.98 3634475.90 0.67861
502221.98 3634525.90 0.73102 502271.98 3634525.90 0.76149
502321.98 3634525.90 0.79401 502371.98 3634525.90 0.82874
502421.98 3634525.90 0.86511 502471.98 3634525.90 0.90396
502521.98 3634525.90 0.94493 502571.98 3634525.90 0.98917
502621.98 3634525.90 1.03596 502671.98 3634525.90 1.08766
504771.98 3634525.90 0.90913 504821.98 3634525.90 0.85154
504871.98 3634525.90 0.88736 504921.98 3634525.90 0.93340
504971.98 3634525.90 0.91331 505021.98 3634525.90 0.86428
505071.98 3634525.90 0.82034 505121.98 3634525.90 0.77171
505171.98 3634525.90 0.71808 505221.98 3634525.90 0.66656
502221.98 3634575.90 0.71594 502271.98 3634575.90 0.74314
502321.98 3634575.90 0.77349 502371.98 3634575.90 0.80612
502421.98 3634575.90 0.84078 502471.98 3634575.90 0.87764
502521.98 3634575.90 0.91621 502571.98 3634575.90 0.95736

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 1.00113 | 502671.98 | 3634575.90 | 1.04879 |
| 504771.98 | 3634575.90 | 1.02046 | 504821.98 | 3634575.90 | 0.95708 |
| 504871.98 | 3634575.90 | 0.94604 | 504921.98 | 3634575.90 | 0.95101 |
| 504971.98 | 3634575.90 | 0.90648 | 505021.98 | 3634575.90 | 0.84772 |
| 505071.98 | 3634575.90 | 0.79813 | 505121.98 | 3634575.90 | 0.75548 |
| 505171.98 | 3634575.90 | 0.67915 | 505221.98 | 3634575.90 | 0.63242 |
| 502221.98 | 3634625.90 | 0.69932 | 502271.98 | 3634625.90 | 0.72655 |
| 502321.98 | 3634625.90 | 0.75320 | 502371.98 | 3634625.90 | 0.78380 |
| 502421.98 | 3634625.90 | 0.81618 | 502471.98 | 3634625.90 | 0.85074 |
| 502521.98 | 3634625.90 | 0.88877 | 502571.98 | 3634625.90 | 0.92710 |
| 502621.98 | 3634625.90 | 0.96793 | 502671.98 | | |

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3634625.90        1.01057
         504771.98    3634625.90        1.06353                    504821.98
3634625.90        1.02503
         504871.98    3634625.90        0.97735                    504921.98
3634625.90        0.93142
         504971.98    3634625.90        0.87909                    505021.98
3634625.90        0.82253
         505071.98    3634625.90        0.77035                    505121.98
3634625.90        0.72879
         505171.98    3634625.90        0.64101                    505221.98
3634625.90        0.59145
         502221.98    3634675.90        0.68141                    502271.98
3634675.90        0.70896
         502321.98    3634675.90        0.73692                    502371.98
3634675.90        0.76536
         502421.98    3634675.90        0.79612                    502471.98
3634675.90        0.82838
         502521.98    3634675.90        0.86218                    502571.98
3634675.90        0.89833
         502621.98    3634675.90        0.93613                    502671.98
3634675.90        0.97473
         504771.98    3634675.90        1.04162                    504821.98
3634675.90        0.99332
         504871.98    3634675.90        0.94421                    504921.98
3634675.90        0.90204
         504971.98    3634675.90        0.85956                    505021.98
3634675.90        0.79980
         505071.98    3634675.90        0.74159                    505121.98
3634675.90        0.70154
         505171.98    3634675.90        0.63064                    505221.98
3634675.90        0.57608
         502221.98    3634725.90        0.66455                    502271.98
3634725.90        0.69010
         502321.98    3634725.90        0.71483                    502371.98
3634725.90        0.74214
         502421.98    3634725.90        0.77256                    502471.98
3634725.90        0.80323
         502521.98    3634725.90        0.83432                    502571.98
3634725.90        0.86849
         502621.98    3634725.90        0.90334                    502671.98
3634725.90        0.94072
         504771.98    3634725.90        1.00124                    504821.98
3634725.90        0.95596
         504871.98    3634725.90        0.91395                    504921.98
3634725.90        0.87296
         504971.98    3634725.90        0.82608                    505021.98
3634725.90        0.76200
         505071.98    3634725.90        0.71257                    505121.98
3634725.90        0.66721
         505171.98    3634725.90        0.59146                    505221.98
```

3634725.90        0.55605
         502221.98    3634775.90        0.64971                       502271.98
3634775.90        0.67406
         502321.98    3634775.90        0.69571                       502371.98
3634775.90        0.72073
         502421.98    3634775.90        0.74729                       502471.98
3634775.90        0.77595
         502521.98    3634775.90        0.80840                       502571.98
3634775.90        0.83906

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634775.90        0.87163                       502671.98
3634775.90        0.90620
         504771.98    3634775.90        0.96212                       504821.98
3634775.90        0.92231
         504871.98    3634775.90        0.88233                       504921.98
3634775.90        0.84251
         504971.98    3634775.90        0.77712                       505021.98
3634775.90        0.71941
         505071.98    3634775.90        0.68215                       505121.98
3634775.90        0.64389
         505171.98    3634775.90        0.56499                       505221.98
3634775.90        0.52173

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         502221.98    3634825.90        0.63428                    502271.98
3634825.90        0.65686
         502321.98    3634825.90        0.67922                    502371.98
3634825.90        0.70312
         502421.98    3634825.90        0.72694                    502471.98
3634825.90        0.75149
         502521.98    3634825.90        0.78233                    502571.98
3634825.90        0.81180
         502621.98    3634825.90        0.84179                    502671.98
3634825.90        0.87273
         504771.98    3634825.90        0.92436                    504821.98
3634825.90        0.88696
         504871.98    3634825.90        0.85351                    504921.98
3634825.90        0.80711
         504971.98    3634825.90        0.73109                    505021.98
3634825.90        0.63683
         505071.98    3634825.90        0.61690                    505121.98
3634825.90        0.59467
         505171.98    3634825.90        0.53198                    505221.98
3634825.90        0.49561
         502221.98    3634875.90        0.62038                    502271.98
3634875.90        0.63918
         502321.98    3634875.90        0.66061                    502371.98
3634875.90        0.68356
         502421.98    3634875.90        0.70716                    502471.98
3634875.90        0.73163
         502521.98    3634875.90        0.75720                    502571.98
3634875.90        0.78402
         502621.98    3634875.90        0.81206                    502671.98
3634875.90        0.84125
         504771.98    3634875.90        0.88845                    504821.98
3634875.90        0.85510
         504871.98    3634875.90        0.82529                    504921.98
3634875.90        0.77857
         504971.98    3634875.90        0.69867                    505021.98
3634875.90        0.59875
         505071.98    3634875.90        0.53950                    505121.98
3634875.90        0.53585
         505171.98    3634875.90        0.50253                    505221.98
3634875.90        0.48456
         502221.98    3634925.90        0.60452                    502271.98
3634925.90        0.62232
         502321.98    3634925.90        0.64279                    502371.98
3634925.90        0.66397
         502421.98    3634925.90        0.68619                    502471.98
3634925.90        0.70844
         502521.98    3634925.90        0.73269                    502571.98
3634925.90        0.75750
         502621.98    3634925.90        0.78294                    502671.98
3634925.90        0.81032
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         504771.98    3634925.90        0.85398                       504821.98
3634925.90        0.82380
         504871.98    3634925.90        0.79636                       504921.98
3634925.90        0.76419
         504971.98    3634925.90        0.70113                       505021.98
3634925.90        0.59011
         505071.98    3634925.90        0.52000                       505121.98
3634925.90        0.51173
         505171.98    3634925.90        0.48887                       505221.98
3634925.90        0.47820
         502221.98    3634975.90        0.58899                       502271.98
3634975.90        0.60604
         502321.98    3634975.90        0.62459                       502371.98
3634975.90        0.64461
         502421.98    3634975.90        0.66530                       502471.98
3634975.90        0.68639
         502521.98    3634975.90        0.70894                       502571.98
3634975.90        0.73164
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 479
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634975.90        0.75539                       502671.98
3634975.90        0.78009
         504821.98    3634975.90        0.79337                       504871.98
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3634975.90 0.76689
504921.98 3634975.90 0.74864 504971.98
3634975.90 0.69459
505021.98 3634975.90 0.60715 505071.98
3634975.90 0.53945
505121.98 3634975.90 0.54551 505171.98
3634975.90 0.52263
505221.98 3634975.90 0.49575 502221.98
3635025.90 0.57377
502271.98 3635025.90 0.58970 502321.98
3635025.90 0.60753
502371.98 3635025.90 0.62597 502421.98
3635025.90 0.64567
502471.98 3635025.90 0.66563 502521.98
3635025.90 0.68647
502571.98 3635025.90 0.70756 502621.98
3635025.90 0.72943
502671.98 3635025.90 0.75163 504871.98
3635025.90 0.73984
504921.98 3635025.90 0.72697 504971.98
3635025.90 0.68714
505021.98 3635025.90 0.62176 505071.98
3635025.90 0.57534
505121.98 3635025.90 0.58113 505171.98
3635025.90 0.56159
505221.98 3635025.90 0.52833 502221.98
3635075.90 0.55804
502271.98 3635075.90 0.57353 502321.98
3635075.90 0.59144
502371.98 3635075.90 0.60865 502421.98
3635075.90 0.62721
502471.98 3635075.90 0.64602 502521.98
3635075.90 0.66510
502571.98 3635075.90 0.68443 502621.98
3635075.90 0.70410
502671.98 3635075.90 0.72483 504921.98
3635075.90 0.69626
504971.98 3635075.90 0.68296 505021.98
3635075.90 0.64404
505071.98 3635075.90 0.61741 505121.98
3635075.90 0.60130
505171.98 3635075.90 0.58209 505221.98
3635075.90 0.56117
502221.98 3635125.90 0.54382 502271.98
3635125.90 0.55807
502321.98 3635125.90 0.57502 502371.98
3635125.90 0.59155
502421.98 3635125.90 0.60870 502471.98
3635125.90 0.62648
502521.98 3635125.90 0.64403 502571.98

```
3635125.90        0.66191
         502621.98    3635125.90        0.68036                        502671.98
3635125.90        0.69903
         505021.98    3635125.90        0.64184                        505071.98
3635125.90        0.61955
         505121.98    3635125.90        0.59833                        505171.98
3635125.90        0.57681
         505221.98    3635125.90        0.55755                        502221.98
3635175.90        0.52996
         502271.98    3635175.90        0.54345                        502321.98
3635175.90        0.55928
         502371.98    3635175.90        0.57503                        502421.98
3635175.90        0.59109
         502471.98    3635175.90        0.60755                        502521.98
3635175.90        0.62424
         502571.98    3635175.90        0.64069                        502621.98
3635175.90        0.65727
         502671.98    3635175.90        0.67480                        505121.98
3635175.90        0.57411
         505171.98    3635175.90        0.55761                        505221.98
3635175.90        0.54323
         502221.98    3635225.90        0.51610                        502271.98
3635225.90        0.52949
         502321.98    3635225.90        0.54368                        502371.98
3635225.90        0.55836
         502421.98    3635225.90        0.57339                        502471.98
3635225.90        0.58865
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 480
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 0.60399 | 502571.98 | 3635225.90 | 0.61948 |
| 502621.98 | 3635225.90 | 0.63542 | 502671.98 | 3635225.90 | 0.65128 |
| 502221.98 | 3635275.90 | 0.50321 | 502271.98 | 3635275.90 | 0.51530 |
| 502321.98 | 3635275.90 | 0.52913 | 502371.98 | 3635275.90 | 0.54288 |
| 502421.98 | 3635275.90 | 0.55673 | 502471.98 | 3635275.90 | 0.57093 |
| 502521.98 | 3635275.90 | 0.58571 | 502571.98 | 3635275.90 | 0.59974 |
| 502621.98 | 3635275.90 | 0.61434 | 502671.98 | 3635275.90 | 0.62925 |
| 502221.98 | 3635325.90 | 0.49019 | 502271.98 | 3635325.90 | 0.50171 |
| 502321.98 | 3635325.90 | 0.51452 | 502371.98 | 3635325.90 | 0.52752 |
| 502421.98 | 3635325.90 | 0.54066 | 502471.98 | 3635325.90 | 0.55387 |
| 502521.98 | 3635325.90 | 0.56719 | 502571.98 | 3635325.90 | 0.58036 |
| 502621.98 | 3635325.90 | 0.59398 | 502671.98 | 3635325.90 | 0.60783 |
| 502221.98 | 3635375.90 | 0.47719 | 502271.98 | 3635375.90 | 0.48834 |
| 502321.98 | 3635375.90 | 0.50030 | 502371.98 | 3635375.90 | 0.51243 |
| 502421.98 | 3635375.90 | 0.52473 | 502471.98 | 3635375.90 | 0.53714 |
| 502521.98 | 3635375.90 | 0.54917 | 502571.98 | 3635375.90 | 0.56165 |
| 502621.98 | 3635375.90 | 0.57430 | 502671.98 | 3635375.90 | 0.58697 |
| 502221.98 | 3635425.90 | 0.46494 | 502271.98 | 3635425.90 | 0.47521 |
| 502321.98 | 3635425.90 | 0.48633 | 502371.98 | 3635425.90 | 0.49759 |
| 502421.98 | 3635425.90 | 0.50905 | 502471.98 | 3635425.90 | 0.52070 |
| 502521.98 | 3635425.90 | 0.53214 | 502571.98 | 3635425.90 | 0.54365 |
| 502621.98 | 3635425.90 | 0.55535 | 502671.98 | 3635425.90 | 0.56709 |

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         504771.98    3635425.90        0.58113                        502221.98
3635475.90        0.45263
         502271.98    3635475.90        0.46260                        502321.98
3635475.90        0.47293
         502371.98    3635475.90        0.48344                        502421.98
3635475.90        0.49412
         502471.98    3635475.90        0.50474                        502521.98
3635475.90        0.51552
         502571.98    3635475.90        0.52625                        502621.98
3635475.90        0.53706
         502671.98    3635475.90        0.54828                        504771.98
3635475.90        0.56101
         504821.98    3635475.90        0.54959                        504871.98
3635475.90        0.53835
         504921.98    3635475.90        0.52698                        502221.98
3635525.90        0.44016
         502271.98    3635525.90        0.45025                        502321.98
3635525.90        0.45992
         502371.98    3635525.90        0.46963                        502421.98
3635525.90        0.47964
         502471.98    3635525.90        0.48974                        502521.98
3635525.90        0.49961
         502571.98    3635525.90        0.50969                        502621.98
3635525.90        0.51990
         502671.98    3635525.90        0.52956                        502721.98
3635525.90        0.53962
         502771.98    3635525.90        0.54969                        502821.98
3635525.90        0.55968
         502871.98    3635525.90        0.56957                        502921.98
3635525.90        0.57924
         502971.98    3635525.90        0.58879                        503021.98
3635525.90        0.59813
         503071.98    3635525.90        0.60698                        503121.98
3635525.90        0.61450
         503171.98    3635525.90        0.62274                        503221.98
3635525.90        0.63154
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 481
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
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                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635525.90        0.63934                      503321.98
3635525.90        0.64637
         503371.98    3635525.90        0.65285                      503421.98
3635525.90        0.65861
         503471.98    3635525.90        0.66288                      503521.98
3635525.90        0.66760
         503571.98    3635525.90        0.67163                      503621.98
3635525.90        0.67378
         503671.98    3635525.90        0.67561                      503721.98
3635525.90        0.67688
         503771.98    3635525.90        0.67737                      503821.98
3635525.90        0.67686
         503871.98    3635525.90        0.67511                      503921.98
3635525.90        0.67303
         503971.98    3635525.90        0.66996                      504021.98
3635525.90        0.66562
         504071.98    3635525.90        0.66038                      504121.98
3635525.90        0.65498
         504171.98    3635525.90        0.64918                      504221.98
3635525.90        0.64202
         504271.98    3635525.90        0.63534                      504321.98
3635525.90        0.62758
         504371.98    3635525.90        0.61914                      504421.98
3635525.90        0.61026
         504471.98    3635525.90        0.60081                      504521.98
3635525.90        0.59125
         504571.98    3635525.90        0.58188                      504621.98
3635525.90        0.57194
         504671.98    3635525.90        0.56182                      504721.98
3635525.90        0.55173
         504771.98    3635525.90        0.54132                      504821.98
3635525.90        0.53095
         504871.98    3635525.90        0.52054                      504921.98
3635525.90        0.50988
         504971.98    3635525.90        0.49959                      505021.98
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3635525.90        0.48944
         505071.98    3635525.90        0.47909                      505121.98
3635525.90        0.46876
         505171.98    3635525.90        0.45849                      505221.98
3635525.90        0.44830
         502221.98    3635575.90        0.42747                      502271.98
3635575.90        0.43827
         502321.98    3635575.90        0.44720                      502371.98
3635575.90        0.45644
         502421.98    3635575.90        0.46553                      502471.98
3635575.90        0.47488
         502521.98    3635575.90        0.48425                      502571.98
3635575.90        0.49363
         502621.98    3635575.90        0.50263                      502671.98
3635575.90        0.51180
         502721.98    3635575.90        0.52101                      502771.98
3635575.90        0.53044
         502821.98    3635575.90        0.53961                      502871.98
3635575.90        0.54869
         502921.98    3635575.90        0.55758                      502971.98
3635575.90        0.56597
         503021.98    3635575.90        0.57420                      503071.98
3635575.90        0.58313
         503121.98    3635575.90        0.58977                      503171.98
3635575.90        0.59722
         503221.98    3635575.90        0.60455                      503271.98
3635575.90        0.61062
         503321.98    3635575.90        0.61716                      503371.98
3635575.90        0.62350
         503421.98    3635575.90        0.62918                      503471.98
3635575.90        0.63648
         503521.98    3635575.90        0.64145                      503571.98
3635575.90        0.64124
         503621.98    3635575.90        0.64377                      503671.98
3635575.90        0.64531
         503721.98    3635575.90        0.64623                      503771.98
3635575.90        0.64641
         503821.98    3635575.90        0.64574                      503871.98
3635575.90        0.64446
         503921.98    3635575.90        0.64242                      503971.98
3635575.90        0.63959
         504021.98    3635575.90        0.63505                      504071.98
3635575.90        0.63079
         504121.98    3635575.90        0.62613                      504171.98
3635575.90        0.62089
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 0.61488 | 504271.98 | 3635575.90 | 0.60799 |
| 504321.98 | 3635575.90 | 0.60118 | 504371.98 | 3635575.90 | 0.59378 |
| 504421.98 | 3635575.90 | 0.58583 | 504471.98 | 3635575.90 | 0.57713 |
| 504521.98 | 3635575.90 | 0.56855 | 504571.98 | 3635575.90 | 0.55944 |
| 504621.98 | 3635575.90 | 0.55071 | 504671.98 | 3635575.90 | 0.54139 |
| 504721.98 | 3635575.90 | 0.53200 | 504771.98 | 3635575.90 | 0.52254 |
| 504821.98 | 3635575.90 | 0.51304 | 504871.98 | 3635575.90 | 0.50334 |
| 504921.98 | 3635575.90 | 0.49347 | 504971.98 | 3635575.90 | 0.48406 |
| 505021.98 | 3635575.90 | 0.47460 | 505071.98 | 3635575.90 | 0.46507 |
| 505121.98 | 3635575.90 | 0.45979 | 505171.98 | 3635575.90 | 0.44596 |
| 505221.98 | 3635575.90 | 0.43674 | 502221.98 | 3635625.90 | 0.41514 |
| 502271.98 | 3635625.90 | 0.42518 | 502321.98 | 3635625.90 | 0.43426 |
| 502371.98 | 3635625.90 | 0.44325 | 502421.98 | 3635625.90 | 0.45092 |

```
         502471.98    3635625.90        0.45933                    502521.98
3635625.90        0.46805
         502571.98    3635625.90        0.47769                    502621.98
3635625.90        0.48642
         502671.98    3635625.90        0.49488                    502721.98
3635625.90        0.50311
         502771.98    3635625.90        0.51146                    502821.98
3635625.90        0.51956
         502871.98    3635625.90        0.52764                    502921.98
3635625.90        0.53550
         502971.98    3635625.90        0.54336                    503021.98
3635625.90        0.55117
         503071.98    3635625.90        0.55886                    503121.98
3635625.90        0.56633
         503171.98    3635625.90        0.57380                    503221.98
3635625.90        0.58191
         503271.98    3635625.90        0.58857                    503321.98
3635625.90        0.59477
         503371.98    3635625.90        0.59920                    503421.98
3635625.90        0.60449
         503471.98    3635625.90        0.61551                    503521.98
3635625.90        0.62142
         503571.98    3635625.90        0.61707                    503621.98
3635625.90        0.61535
         503671.98    3635625.90        0.61666                    503721.98
3635625.90        0.61734
         503771.98    3635625.90        0.61749                    503821.98
3635625.90        0.61673
         503871.98    3635625.90        0.61578                    503921.98
3635625.90        0.61400
         503971.98    3635625.90        0.61150                    504021.98
3635625.90        0.60752
         504071.98    3635625.90        0.60355                    504121.98
3635625.90        0.59930
         504171.98    3635625.90        0.59452                    504221.98
3635625.90        0.58932
         504271.98    3635625.90        0.58340                    504321.98
3635625.90        0.57657
         504371.98    3635625.90        0.56985                    504421.98
3635625.90        0.56283
         504471.98    3635625.90        0.55505                    504521.98
3635625.90        0.54710
         504571.98    3635625.90        0.53868                    504621.98
3635625.90        0.53045
         504671.98    3635625.90        0.52189                    504721.98
3635625.90        0.51336
         504771.98    3635625.90        0.50473                    504821.98
3635625.90        0.49593
         504871.98    3635625.90        0.48696                    504921.98
3635625.90        0.47782
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504971.98 | 3635625.90 | 0.46916 | 505021.98 | 3635625.90 | 0.46000 |
| 505071.98 | 3635625.90 | 0.45111 | 505121.98 | 3635625.90 | 0.44267 |
| 505171.98 | 3635625.90 | 0.43376 | 505221.98 | 3635625.90 | 0.42494 |
| 502221.98 | 3635675.90 | 0.40268 | 502271.98 | 3635675.90 | 0.41269 |
| 502321.98 | 3635675.90 | 0.42097 | 502371.98 | 3635675.90 | 0.42943 |
| 502421.98 | 3635675.90 | 0.43723 | 502471.98 | 3635675.90 | 0.44539 |
| 502521.98 | 3635675.90 | 0.45360 | 502571.98 | 3635675.90 | 0.46223 |
| 502621.98 | 3635675.90 | 0.47065 | 502671.98 | 3635675.90 | 0.47865 |
| 502721.98 | 3635675.90 | 0.48596 | 502771.98 | 3635675.90 | 0.49332 |
| 502821.98 | 3635675.90 | 0.50098 | 502871.98 | 3635675.90 | 0.50876 |
| 502921.98 | 3635675.90 | 0.51708 | 502971.98 | | |

3635675.90 0.52476
503021.98 3635675.90 0.53365 503071.98
3635675.90 0.54175
503121.98 3635675.90 0.55038 503171.98
3635675.90 0.55859
503221.98 3635675.90 0.56424 503271.98
3635675.90 0.57053
503321.98 3635675.90 0.57746 503371.98
3635675.90 0.58276
503421.98 3635675.90 0.58584 503471.98
3635675.90 0.59319
503521.98 3635675.90 0.59976 503571.98
3635675.90 0.59467
503621.98 3635675.90 0.59135 503671.98
3635675.90 0.59070
503721.98 3635675.90 0.59198 503771.98
3635675.90 0.59216
503821.98 3635675.90 0.59069 503871.98
3635675.90 0.58923
503921.98 3635675.90 0.58772 503971.98
3635675.90 0.58543
504021.98 3635675.90 0.58201 504071.98
3635675.90 0.57841
504121.98 3635675.90 0.57434 504171.98
3635675.90 0.56995
504221.98 3635675.90 0.56515 504271.98
3635675.90 0.55992
504321.98 3635675.90 0.55403 504371.98
3635675.90 0.54755
504421.98 3635675.90 0.54097 504471.98
3635675.90 0.53428
504521.98 3635675.90 0.52718 504571.98
3635675.90 0.51930
504621.98 3635675.90 0.51182 504671.98
3635675.90 0.50370
504721.98 3635675.90 0.49564 504771.98
3635675.90 0.48809
504821.98 3635675.90 0.47965 504871.98
3635675.90 0.47134
504921.98 3635675.90 0.46289 504971.98
3635675.90 0.45485
505021.98 3635675.90 0.44650 505071.98
3635675.90 0.43809
505121.98 3635675.90 0.43021 505171.98
3635675.90 0.42200
505221.98 3635675.90 0.41373 502221.98
3635725.90 0.39097
502271.98 3635725.90 0.40092 502321.98
3635725.90 0.40921
502371.98 3635725.90 0.41733 502421.98

```
3635725.90        0.42449
         502471.98    3635725.90        0.43217                      502521.98
3635725.90        0.43958
         502571.98    3635725.90        0.44788                      502621.98
3635725.90        0.45574
         502671.98    3635725.90        0.46281                      502721.98
3635725.90        0.46985
         502771.98    3635725.90        0.47679                      502821.98
3635725.90        0.48416
         502871.98    3635725.90        0.49138                      502921.98
3635725.90        0.50087
         502971.98    3635725.90        0.50896                      503021.98
3635725.90        0.51789
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 484
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503071.98    3635725.90        0.52518                      503121.98
3635725.90        0.53350
         503171.98    3635725.90        0.54096                      503221.98
3635725.90        0.54568
         503271.98    3635725.90        0.55211                      503321.98
3635725.90        0.55897
         503371.98    3635725.90        0.56473                      503421.98
3635725.90        0.56592
```

503471.98 3635725.90 0.56993 503521.98 3635725.90 0.57467
503571.98 3635725.90 0.56996 503621.98 3635725.90 0.57042
503671.98 3635725.90 0.56728 503721.98 3635725.90 0.56910
503771.98 3635725.90 0.56888 503821.98 3635725.90 0.56644
503871.98 3635725.90 0.56476 503921.98 3635725.90 0.56349
503971.98 3635725.90 0.56158 504021.98 3635725.90 0.55825
504071.98 3635725.90 0.55501 504121.98 3635725.90 0.55123
504171.98 3635725.90 0.54721 504221.98 3635725.90 0.54307
504271.98 3635725.90 0.53823 504321.98 3635725.90 0.53267
504371.98 3635725.90 0.52698 504421.98 3635725.90 0.52079
504471.98 3635725.90 0.51470 504521.98 3635725.90 0.50817
504571.98 3635725.90 0.50104 504621.98 3635725.90 0.49397
504671.98 3635725.90 0.48671 504721.98 3635725.90 0.47902
504771.98 3635725.90 0.47147 504821.98 3635725.90 0.46404
504871.98 3635725.90 0.45629 504921.98 3635725.90 0.44860
504971.98 3635725.90 0.44113 505021.98 3635725.90 0.43350
505071.98 3635725.90 0.42565 505121.98 3635725.90 0.41819
505171.98 3635725.90 0.41053 505221.98 3635725.90 0.40285
502221.98 3635775.90 0.38017 502271.98 3635775.90 0.39009
502321.98 3635775.90 0.39773 502371.98 3635775.90 0.40552
502421.98 3635775.90 0.41227 502471.98 3635775.90 0.41938
502521.98 3635775.90 0.42639 502571.98 3635775.90 0.43370
502621.98 3635775.90 0.44081 502671.98 3635775.90 0.44767
502721.98 3635775.90 0.45463 502771.98 3635775.90 0.46131
502821.98 3635775.90 0.46808 502871.98 3635775.90 0.47504

```
         502921.98    3635775.90        0.48456                       502971.98
3635775.90        0.49219
         503021.98    3635775.90        0.50095                       503071.98
3635775.90        0.50822
         503121.98    3635775.90        0.51559                       503171.98
3635775.90        0.52205
         503221.98    3635775.90        0.53138                       503271.98
3635775.90        0.53857
         503321.98    3635775.90        0.54570                       503371.98
3635775.90        0.54896
         503421.98    3635775.90        0.54959                       503471.98
3635775.90        0.55224
         503521.98    3635775.90        0.56103                       503571.98
3635775.90        0.55704
         503621.98    3635775.90        0.55590                       503671.98
3635775.90        0.54928
         503721.98    3635775.90        0.54609                       503771.98
3635775.90        0.54678
         503821.98    3635775.90        0.54522                       503871.98
3635775.90        0.54481
         503921.98    3635775.90        0.54771                       503971.98
3635775.90        0.54410
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 485
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 504021.98 | 3635775.90 | 0.53612 | 504071.98 | 3635775.90 | 0.53392 | |
| | 504121.98 | 3635775.90 | 0.52989 | 504171.98 | 3635775.90 | 0.52619 | |
| | 504221.98 | 3635775.90 | 0.52226 | 504271.98 | 3635775.90 | 0.51786 | |
| | 504321.98 | 3635775.90 | 0.51279 | 504371.98 | 3635775.90 | 0.50748 | |
| | 504421.98 | 3635775.90 | 0.50187 | 504471.98 | 3635775.90 | 0.49623 | |
| | 504521.98 | 3635775.90 | 0.49016 | 504571.98 | 3635775.90 | 0.48363 | |
| | 504621.98 | 3635775.90 | 0.47712 | 504671.98 | 3635775.90 | 0.47028 | |
| | 504721.98 | 3635775.90 | 0.46327 | 504771.98 | 3635775.90 | 0.45629 | |
| | 504821.98 | 3635775.90 | 0.44921 | 504871.98 | 3635775.90 | 0.44209 | |
| | 504921.98 | 3635775.90 | 0.43494 | 504971.98 | 3635775.90 | 0.42801 | |
| | 505021.98 | 3635775.90 | 0.42088 | 505071.98 | 3635775.90 | 0.41356 | |
| | 505121.98 | 3635775.90 | 0.40652 | 505171.98 | 3635775.90 | 0.39940 | |
| | 505221.98 | 3635775.90 | 0.39229 | 502221.98 | 3635825.90 | 0.36993 | |
| | 502271.98 | 3635825.90 | 0.37947 | 502321.98 | 3635825.90 | 0.38685 | |
| | 502371.98 | 3635825.90 | 0.39423 | 502421.98 | 3635825.90 | 0.40052 | |
| | 502471.98 | 3635825.90 | 0.40725 | 502521.98 | 3635825.90 | 0.41379 | |
| | 502571.98 | 3635825.90 | 0.42058 | 502621.98 | 3635825.90 | 0.42723 | |
| | 502671.98 | 3635825.90 | 0.43371 | 502721.98 | 3635825.90 | 0.44007 | |
| | 502771.98 | 3635825.90 | 0.44642 | 502821.98 | 3635825.90 | 0.45287 | |
| | 502871.98 | 3635825.90 | 0.45973 | 502921.98 | 3635825.90 | 0.46909 | |
| | 502971.98 | 3635825.90 | 0.47600 | 503021.98 | 3635825.90 | 0.48477 | |
| | 503071.98 | 3635825.90 | 0.49197 | 503121.98 | 3635825.90 | 0.49875 | |
| | 503171.98 | 3635825.90 | 0.50503 | 503221.98 | 3635825.90 | 0.51256 | |
| | 503271.98 | 3635825.90 | 0.51941 | 503321.98 | 3635825.90 | 0.52654 | |
| | 503371.98 | 3635825.90 | 0.52990 | 503421.98 | | | |

3635825.90        0.53283
         503471.98    3635825.90        0.53509                          503521.98
3635825.90        0.54911
         503571.98    3635825.90        0.55166                          503621.98
3635825.90        0.54799
         503671.98    3635825.90        0.53566                          503721.98
3635825.90        0.53001
         503771.98    3635825.90        0.52643                          503821.98
3635825.90        0.52631
         503871.98    3635825.90        0.52573                          503921.98
3635825.90        0.52691
         503971.98    3635825.90        0.52749                          504021.98
3635825.90        0.51623
         504071.98    3635825.90        0.52063                          504121.98
3635825.90        0.51781
         504171.98    3635825.90        0.50836                          504221.98
3635825.90        0.50434
         504271.98    3635825.90        0.50308                          504321.98
3635825.90        0.49423
         504371.98    3635825.90        0.48924                          504421.98
3635825.90        0.48407
         504471.98    3635825.90        0.47881                          504521.98
3635825.90        0.47329
         504571.98    3635825.90        0.46722                          504621.98
3635825.90        0.46113
         504671.98    3635825.90        0.45477                          504721.98
3635825.90        0.44820
         504771.98    3635825.90        0.44170                          504821.98
3635825.90        0.43522
         504871.98    3635825.90        0.42863                          504921.98
3635825.90        0.42193

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                 INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 0.41533 | 505021.98 | 3635825.90 | 0.40867 |
| 505071.98 | 3635825.90 | 0.40201 | 505121.98 | 3635825.90 | 0.39530 |
| 505171.98 | 3635825.90 | 0.38868 | 505221.98 | 3635825.90 | 0.38204 |
| 502221.98 | 3635875.90 | 0.36045 | 502271.98 | 3635875.90 | 0.36951 |
| 502321.98 | 3635875.90 | 0.37667 | 502371.98 | 3635875.90 | 0.38331 |
| 502421.98 | 3635875.90 | 0.38932 | 502471.98 | 3635875.90 | 0.39562 |
| 502521.98 | 3635875.90 | 0.40173 | 502571.98 | 3635875.90 | 0.40809 |
| 502621.98 | 3635875.90 | 0.41410 | 502671.98 | 3635875.90 | 0.42027 |
| 502721.98 | 3635875.90 | 0.42647 | 502771.98 | 3635875.90 | 0.43246 |
| 502821.98 | 3635875.90 | 0.43864 | 502871.98 | 3635875.90 | 0.44538 |
| 502921.98 | 3635875.90 | 0.45496 | 502971.98 | 3635875.90 | 0.46142 |
| 503021.98 | 3635875.90 | 0.46915 | 503071.98 | 3635875.90 | 0.47578 |
| 503121.98 | 3635875.90 | 0.48233 | 503171.98 | 3635875.90 | 0.48847 |
| 503221.98 | 3635875.90 | 0.49527 | 503271.98 | 3635875.90 | 0.50192 |
| 503321.98 | 3635875.90 | 0.50702 | 503371.98 | 3635875.90 | 0.51221 |
| 503421.98 | 3635875.90 | 0.51527 | 503471.98 | 3635875.90 | 0.52056 |
| 503521.98 | 3635875.90 | 0.52927 | 503571.98 | 3635875.90 | 0.53227 |
| 503621.98 | 3635875.90 | 0.52652 | 503671.98 | 3635875.90 | 0.51484 |
| 503721.98 | 3635875.90 | 0.51073 | 503771.98 | 3635875.90 | 0.50857 |
| 503821.98 | 3635875.90 | 0.50909 | 503871.98 | 3635875.90 | 0.51190 |

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         503921.98    3635875.90        0.51017                        503971.98
3635875.90        0.50901
         504021.98    3635875.90        0.50182                        504071.98
3635875.90        0.50657
         504121.98    3635875.90        0.50363                        504171.98
3635875.90        0.49780
         504221.98    3635875.90        0.49848                        504271.98
3635875.90        0.49697
         504321.98    3635875.90        0.48463                        504371.98
3635875.90        0.47599
         504421.98    3635875.90        0.47042                        504471.98
3635875.90        0.46239
         504521.98    3635875.90        0.45715                        504571.98
3635875.90        0.45168
         504621.98    3635875.90        0.44601                        504671.98
3635875.90        0.44012
         504721.98    3635875.90        0.43393                        504771.98
3635875.90        0.42789
         504821.98    3635875.90        0.42185                        504871.98
3635875.90        0.41567
         504921.98    3635875.90        0.40945                        504971.98
3635875.90        0.40334
         505021.98    3635875.90        0.39701                        505071.98
3635875.90        0.39071
         505121.98    3635875.90        0.38452                        505171.98
3635875.90        0.37830
         505221.98    3635875.90        0.37211                        502221.98
3635925.90        0.35110
         502271.98    3635925.90        0.35975                        502321.98
3635925.90        0.36628
         502371.98    3635925.90        0.37290                        502421.98
3635925.90        0.37858
         502471.98    3635925.90        0.38449                        502521.98
3635925.90        0.38999
         502571.98    3635925.90        0.39598                        502621.98
3635925.90        0.40186
         502671.98    3635925.90        0.40775                        502721.98
3635925.90        0.41348
         502771.98    3635925.90        0.41915                        502821.98
3635925.90        0.42554
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 487
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
```

INCLUDING SOURCE(S): L0000595 , L0000596
, L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604
, L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612
, L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620
, L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 0.43214 | 502921.98 | 3635925.90 | 0.44104 |
| 502971.98 | 3635925.90 | 0.44730 | 503021.98 | 3635925.90 | 0.45417 |
| 503071.98 | 3635925.90 | 0.46036 | 503121.98 | 3635925.90 | 0.46661 |
| 503171.98 | 3635925.90 | 0.47273 | 503221.98 | 3635925.90 | 0.47892 |
| 503271.98 | 3635925.90 | 0.48490 | 503321.98 | 3635925.90 | 0.49006 |
| 503371.98 | 3635925.90 | 0.49447 | 503421.98 | 3635925.90 | 0.49862 |
| 503471.98 | 3635925.90 | 0.50700 | 503521.98 | 3635925.90 | 0.51100 |
| 503571.98 | 3635925.90 | 0.51407 | 503621.98 | 3635925.90 | 0.50388 |
| 503671.98 | 3635925.90 | 0.49703 | 503721.98 | 3635925.90 | 0.49514 |
| 503771.98 | 3635925.90 | 0.49479 | 503821.98 | 3635925.90 | 0.49360 |
| 503871.98 | 3635925.90 | 0.49149 | 503921.98 | 3635925.90 | 0.49126 |
| 503971.98 | 3635925.90 | 0.49186 | 504021.98 | 3635925.90 | 0.48806 |
| 504071.98 | 3635925.90 | 0.48897 | 504121.98 | 3635925.90 | 0.49012 |
| 504171.98 | 3635925.90 | 0.49053 | 504221.98 | 3635925.90 | 0.49414 |
| 504271.98 | 3635925.90 | 0.48632 | 504321.98 | 3635925.90 | 0.47736 |
| 504371.98 | 3635925.90 | 0.47333 | 504421.98 | | |

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3635925.90        0.46864
         504471.98    3635925.90        0.45962                    504521.98
3635925.90        0.44659
         504571.98    3635925.90        0.43696                    504621.98
3635925.90        0.43152
         504671.98    3635925.90        0.42618                    504721.98
3635925.90        0.42057
         504771.98    3635925.90        0.41484                    504821.98
3635925.90        0.40902
         504871.98    3635925.90        0.40327                    504921.98
3635925.90        0.39747
         504971.98    3635925.90        0.39181                    505021.98
3635925.90        0.38599
         505071.98    3635925.90        0.38012                    505121.98
3635925.90        0.37417
         505171.98    3635925.90        0.36829                    505221.98
3635925.90        0.36345
         502221.98    3635975.90        0.34167                    502271.98
3635975.90        0.34972
         502321.98    3635975.90        0.35609                    502371.98
3635975.90        0.36267
         502421.98    3635975.90        0.36802                    502471.98
3635975.90        0.37363
         502521.98    3635975.90        0.37910                    502571.98
3635975.90        0.38476
         502621.98    3635975.90        0.39033                    502671.98
3635975.90        0.39596
         502721.98    3635975.90        0.40154                    502771.98
3635975.90        0.40712
         502821.98    3635975.90        0.41377                    502871.98
3635975.90        0.41940
         502921.98    3635975.90        0.42754                    502971.98
3635975.90        0.43344
         503021.98    3635975.90        0.43996                    503071.98
3635975.90        0.44584
         503121.98    3635975.90        0.45169                    503171.98
3635975.90        0.45753
         503221.98    3635975.90        0.46333                    503271.98
3635975.90        0.46867
         503321.98    3635975.90        0.47359                    503371.98
3635975.90        0.47639
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3635975.90        0.48991
         503521.98    3635975.90        0.49364                    503571.98
3635975.90        0.49029
         503621.98    3635975.90        0.48485                    503671.98
3635975.90        0.48246
         503721.98    3635975.90        0.48088                    503771.98
3635975.90        0.48004
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

504921.98 3635975.90 0.38605 504971.98
3635975.90 0.38074
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3635975.90 0.36979
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3635975.90 0.35872
505221.98 3635975.90 0.35316 501721.98
3632475.90 0.48029
501821.98 3632475.90 0.51382 501921.98
3632475.90 0.55059
502021.98 3632475.90 0.59179 502121.98
3632475.90 0.63826
502221.98 3632475.90 0.68932 502321.98
3632475.90 0.74550
502421.98 3632475.90 0.80963 502521.98
3632475.90 0.88157
502621.98 3632475.90 0.96584 502721.98
3632475.90 1.06088
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3632475.90 1.28554
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3632475.90 1.55612
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3632475.90 1.84296
503421.98 3632475.90 1.96007 503721.98
3632475.90 1.95068
503821.98 3632475.90 1.57805 503921.98
3632475.90 1.26062
504021.98 3632475.90 1.06425 504121.98
3632475.90 1.00708
504221.98 3632475.90 0.90631 504321.98
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504421.98 3632475.90 0.86829 504521.98
3632475.90 0.89892
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3632475.90 0.68009
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3632475.90 0.60431
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3632475.90 0.52892
505221.98 3632475.90 0.48687 505321.98
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3632475.90 0.41258
505621.98 3632475.90 0.39994 505721.98
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501721.98 3632575.90 0.49636 501821.98
3632575.90 0.53232
501921.98 3632575.90 0.57229 502021.98
3632575.90 0.61735

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502921.98    3632575.90        1.43468                       503021.98
3632575.90        1.61403
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3632575.90        2.03136
         503321.98    3632575.90        2.27091                       503421.98
3632575.90        2.49638
         503721.98    3632575.90        2.36046                       503821.98
3632575.90        1.78525
         503921.98    3632575.90        1.17446                       504021.98
3632575.90        1.09723
         504121.98    3632575.90        1.04830                       504221.98
3632575.90        0.98565
         504321.98    3632575.90        0.91548                       504421.98

3632575.90 0.87406
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3632575.90 0.81179
504721.98 3632575.90 0.71637 504821.98
3632575.90 0.67717
504921.98 3632575.90 0.62422 505021.98
3632575.90 0.57332
505121.98 3632575.90 0.54001 505221.98
3632575.90 0.50389
505321.98 3632575.90 0.47264 505421.98
3632575.90 0.45073
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3632575.90 0.41435
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3632675.90 0.51180
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3632675.90 1.25302
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3632675.90 0.64609
505021.98 3632675.90 0.59514 505121.98
3632675.90 0.55480
505221.98 3632675.90 0.51869 505321.98
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3632675.90 0.44738
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502421.98 3632775.90 0.97428 502521.98

3632775.90        1.08775
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3632775.90        1.35369
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3632775.90        1.76074
         503021.98    3632775.90        1.97938                      503121.98
3632775.90        2.46884
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3632775.90        2.96328
         503921.98    3632775.90        2.36822                      504021.98
3632775.90        1.92409
         504121.98    3632775.90        1.52639                      504221.98
3632775.90        1.29036
         504321.98    3632775.90        1.13931                      504421.98
3632775.90        1.03247

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3632775.90        0.72748

504921.98 3632775.90 0.66915 505021.98
3632775.90 0.61636
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3632775.90 0.53241
505321.98 3632775.90 0.50095 505421.98
3632775.90 0.47789
505521.98 3632775.90 0.45801 505621.98
3632775.90 0.43581
505721.98 3632775.90 0.40506 501721.98
3632875.90 0.54206
501821.98 3632875.90 0.58516 501921.98
3632875.90 0.63390
502021.98 3632875.90 0.68875 502121.98
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502221.98 3632875.90 0.82344 502321.98
3632875.90 0.90872
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3632875.90 1.13103
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3632875.90 1.45566
502821.98 3632875.90 1.70425 502921.98
3632875.90 1.90134
503021.98 3632875.90 1.18052 503121.98
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3632875.90 4.89971
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3632875.90 0.54936
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3632875.90 0.49535
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3632875.90 0.44448
505721.98 3632875.90 0.41001 501721.98
3632975.90 0.55427

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         501821.98    3632975.90        0.59988                      501921.98
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         505321.98    3632975.90        0.54108                      505421.98
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3633075.90        0.80120
         505321.98    3633075.90        0.55424                      505421.98
3633075.90        0.52879
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3633075.90        0.46415
         505721.98    3633075.90        0.41806                      501721.98
3633175.90        0.57348
         501821.98    3633175.90        0.62205                      501921.98
3633175.90        0.67771
         502021.98    3633175.90        0.74314                      502121.98
3633175.90        0.81534
         505321.98    3633175.90        0.56925                      505421.98
3633175.90        0.53295
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 491
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                 INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 0.50655 | 505621.98 | 3633175.90 | 0.47854 |
| 505721.98 | 3633175.90 | 0.42846 | 501721.98 | 3633275.90 | 0.58088 |
| 501821.98 | 3633275.90 | 0.63193 | 501921.98 | 3633275.90 | 0.68916 |
| 502021.98 | 3633275.90 | 0.75614 | 502121.98 | 3633275.90 | 0.83081 |
| 505321.98 | 3633275.90 | 0.58507 | 505421.98 | 3633275.90 | 0.53223 |
| 505521.98 | 3633275.90 | 0.51023 | 505621.98 | 3633275.90 | 0.49148 |
| 505721.98 | 3633275.90 | 0.44392 | 501721.98 | 3633375.90 | 0.58606 |
| 501821.98 | 3633375.90 | 0.63744 | 501921.98 | 3633375.90 | 0.69574 |
| 502021.98 | 3633375.90 | 0.76341 | 502121.98 | 3633375.90 | 0.84243 |
| 505321.98 | 3633375.90 | 0.60589 | 505421.98 | 3633375.90 | 0.53553 |
| 505521.98 | 3633375.90 | 0.50251 | 505621.98 | 3633375.90 | 0.49508 |
| 505721.98 | 3633375.90 | 0.46213 | 501721.98 | 3633475.90 | 0.58978 |
| 501821.98 | 3633475.90 | 0.64178 | 501921.98 | 3633475.90 | 0.70209 |
| 502021.98 | 3633475.90 | 0.77073 | 502121.98 | 3633475.90 | 0.84778 |
| 505321.98 | 3633475.90 | 0.61243 | 505421.98 | 3633475.90 | 0.53825 |
| 505521.98 | 3633475.90 | 0.51025 | 505621.98 | 3633475.90 | 0.48983 |
| 505721.98 | 3633475.90 | 0.47255 | 501721.98 | 3633575.90 | 0.59114 |
| 501821.98 | 3633575.90 | 0.64361 | 501921.98 | 3633575.90 | 0.70301 |
| 502021.98 | 3633575.90 | 0.77089 | 502121.98 | 3633575.90 | 0.86345 |
| 505321.98 | 3633575.90 | 0.60827 | 505421.98 | 3633575.90 | 0.53152 |
| 505521.98 | 3633575.90 | 0.50725 | 505621.98 | 3633575.90 | 0.49559 |
| 505721.98 | 3633575.90 | 0.47616 | 501721.98 | 3633675.90 | 0.59065 |
| 501821.98 | 3633675.90 | 0.64148 | 501921.98 | | |

```
3633675.90        0.70128
         502021.98    3633675.90        0.77042                          502121.98
3633675.90        0.86000
         505321.98    3633675.90        0.58885                          505421.98
3633675.90        0.51051
         505521.98    3633675.90        0.48814                          505621.98
3633675.90        0.47719
         505721.98    3633675.90        0.47564                          501721.98
3633775.90        0.58794
         501821.98    3633775.90        0.63817                          501921.98
3633775.90        0.69606
         502021.98    3633775.90        0.76287                          502121.98
3633775.90        0.83952
         505321.98    3633775.90        0.57785                          505421.98
3633775.90        0.51593
         505521.98    3633775.90        0.47528                          505621.98
3633775.90        0.46753
         505721.98    3633775.90        0.47566                          501721.98
3633875.90        0.58197
         501821.98    3633875.90        0.63278                          501921.98
3633875.90        0.68509
         502021.98    3633875.90        0.75294                          502121.98
3633875.90        0.82665
         505321.98    3633875.90        0.56570                          505421.98
3633875.90        0.52842
         505521.98    3633875.90        0.49186                          505621.98
3633875.90        0.46684
         505721.98    3633875.90        0.48104                          501721.98
3633975.90        0.57405
         501821.98    3633975.90        0.62208                          501921.98
3633975.90        0.67662
         502021.98    3633975.90        0.73813                          502121.98
3633975.90        0.81115
         505321.98    3633975.90        0.56920                          505421.98
3633975.90        0.54110
```



```
                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                    INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
```

```
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3633975.90        0.51137                       505621.98
3633975.90        0.48881
         505721.98    3633975.90        0.48645                       501721.98
3634075.90        0.56394
         501821.98    3634075.90        0.61034                       501921.98
3634075.90        0.66257
         502021.98    3634075.90        0.72157                       502121.98
3634075.90        0.78880
         505321.98    3634075.90        0.57548                       505421.98
3634075.90        0.55257
         505521.98    3634075.90        0.55255                       505621.98
3634075.90        0.53140
         505721.98    3634075.90        0.48423                       501721.98
3634175.90        0.55018
         501821.98    3634175.90        0.59609                       501921.98
3634175.90        0.64625
         502021.98    3634175.90        0.69793                       502121.98
3634175.90        0.76325
         505321.98    3634175.90        0.64195                       505421.98
3634175.90        0.61677
         505521.98    3634175.90        0.58910                       505621.98
3634175.90        0.51728
         505721.98    3634175.90        0.45699                       501721.98
3634275.90        0.53669
         501821.98    3634275.90        0.57788                       501921.98
3634275.90        0.62401
         502021.98    3634275.90        0.67524                       502121.98
3634275.90        0.73413
         505321.98    3634275.90        0.69705                       505421.98
3634275.90        0.65582
         505521.98    3634275.90        0.54615                       505621.98
3634275.90        0.49217
         505721.98    3634275.90        0.43645                       501721.98
3634375.90        0.52497
         501821.98    3634375.90        0.56548                       501921.98
3634375.90        0.60703
```

```
         502021.98    3634375.90        0.65510                      502121.98
3634375.90        0.71227
         505321.98    3634375.90        0.69385                      505421.98
3634375.90        0.63704
         505521.98    3634375.90        0.50398                      505621.98
3634375.90        0.43938
         505721.98    3634375.90        0.40542                      501721.98
3634475.90        0.51173
         501821.98    3634475.90        0.55002                      501921.98
3634475.90        0.59173
         502021.98    3634475.90        0.63950                      502121.98
3634475.90        0.68941
         505321.98    3634475.90        0.64744                      505421.98
3634475.90        0.65248
         505521.98    3634475.90        0.55969                      505621.98
3634475.90        0.46467
         505721.98    3634475.90        0.38842                      501721.98
3634575.90        0.49678
         501821.98    3634575.90        0.53147                      501921.98
3634575.90        0.57007
         502021.98    3634575.90        0.61394                      502121.98
3634575.90        0.66279
         505321.98    3634575.90        0.58677                      505421.98
3634575.90        0.62567
         505521.98    3634575.90        0.57422                      505621.98
3634575.90        0.46773
         505721.98    3634575.90        0.38308                      501721.98
3634675.90        0.48215
         501821.98    3634675.90        0.51565                      501921.98
3634675.90        0.55138
         502021.98    3634675.90        0.59190                      502121.98
3634675.90        0.63148
         505321.98    3634675.90        0.55827                      505421.98
3634675.90        0.59048
         505521.98    3634675.90        0.56955                      505621.98
3634675.90        0.51194
         505721.98    3634675.90        0.42585                      501721.98
3634775.90        0.46641
         501821.98    3634775.90        0.49810                      501921.98
3634775.90        0.53013
         502021.98    3634775.90        0.56829                      502121.98
3634775.90        0.60748
         505321.98    3634775.90        0.54419                      505421.98
3634775.90        0.58153
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 0.54537 | 505621.98 | 3634775.90 | 0.50728 |
| 505721.98 | 3634775.90 | 0.46332 | 501721.98 | 3634875.90 | 0.45044 |
| 501821.98 | 3634875.90 | 0.48008 | 501921.98 | 3634875.90 | 0.51124 |
| 502021.98 | 3634875.90 | 0.54543 | 502121.98 | 3634875.90 | 0.58067 |
| 505321.98 | 3634875.90 | 0.56374 | 505421.98 | 3634875.90 | 0.55584 |
| 505521.98 | 3634875.90 | 0.52177 | 505621.98 | 3634875.90 | 0.49077 |
| 505721.98 | 3634875.90 | 0.46225 | 501721.98 | 3634975.90 | 0.43596 |
| 501821.98 | 3634975.90 | 0.46262 | 501921.98 | 3634975.90 | 0.49206 |
| 502021.98 | 3634975.90 | 0.52234 | 502121.98 | 3634975.90 | 0.55400 |
| 505321.98 | 3634975.90 | 0.55491 | 505421.98 | 3634975.90 | 0.53010 |
| 505521.98 | 3634975.90 | 0.49877 | 505621.98 | 3634975.90 | 0.47055 |
| 505721.98 | 3634975.90 | 0.44464 | 501721.98 | 3635075.90 | 0.42249 |
| 501821.98 | 3635075.90 | 0.44597 | 501921.98 | 3635075.90 | 0.47278 |
| 502021.98 | 3635075.90 | 0.49996 | 502121.98 | | |

3635075.90 0.52783
505321.98 3635075.90 0.53767 505421.98
3635075.90 0.50546
505521.98 3635075.90 0.47648 505621.98
3635075.90 0.45132
505721.98 3635075.90 0.42639 501721.98
3635175.90 0.40704
501821.98 3635175.90 0.42864 501921.98
3635175.90 0.45581
502021.98 3635175.90 0.47736 502121.98
3635175.90 0.50288
505321.98 3635175.90 0.51153 505421.98
3635175.90 0.48293
505521.98 3635175.90 0.45695 505621.98
3635175.90 0.43256
505721.98 3635175.90 0.41030 501721.98
3635275.90 0.39825
501821.98 3635275.90 0.41594 501921.98
3635275.90 0.43637
502021.98 3635275.90 0.45798 502121.98
3635275.90 0.47871
505621.98 3635275.90 0.41541 505721.98
3635275.90 0.39500
501721.98 3635375.90 0.37859 501821.98
3635375.90 0.39745
501921.98 3635375.90 0.41578 502021.98
3635375.90 0.43507
502121.98 3635375.90 0.45555 505621.98
3635375.90 0.39826
501721.98 3635475.90 0.35720 501821.98
3635475.90 0.37568
501921.98 3635475.90 0.39564 502021.98
3635475.90 0.41408
502121.98 3635475.90 0.43239 505621.98
3635475.90 0.38151
505721.98 3635475.90 0.36330 501721.98
3635575.90 0.33916
501821.98 3635575.90 0.35684 501921.98
3635575.90 0.37606
502021.98 3635575.90 0.39239 502121.98
3635575.90 0.40843
505321.98 3635575.90 0.41819 505421.98
3635575.90 0.39817
505521.98 3635575.90 0.38114 505621.98
3635575.90 0.36452
505721.98 3635575.90 0.34914 501721.98
3635675.90 0.32066
501821.98 3635675.90 0.33879 501921.98
3635675.90 0.35589
502021.98 3635675.90 0.37086 502121.98

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596
, L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604
, L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612
, L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620
, L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 0.36453 | 505621.98 | 3635675.90 | 0.35005 |
| 505721.98 | 3635675.90 | 0.33557 | 501721.98 | 3635775.90 | 0.30257 |
| 501821.98 | 3635775.90 | 0.32104 | 501921.98 | 3635775.90 | 0.33739 |
| 502021.98 | 3635775.90 | 0.35161 | 502121.98 | 3635775.90 | 0.36580 |
| 505321.98 | 3635775.90 | 0.37817 | 505421.98 | 3635775.90 | 0.36468 |
| 505521.98 | 3635775.90 | 0.35044 | 505621.98 | 3635775.90 | 0.33688 |
| 505721.98 | 3635775.90 | 0.32405 | 501721.98 | 3635875.90 | 0.28449 |
| 501821.98 | 3635875.90 | 0.30354 | 501921.98 | 3635875.90 | 0.32009 |
| 502021.98 | 3635875.90 | 0.33268 | 502121.98 | 3635875.90 | 0.34623 |

505321.98 3635875.90 0.36533 505421.98 3635875.90 0.34731
505521.98 3635875.90 0.33545 505621.98 3635875.90 0.32311
505721.98 3635875.90 0.31146 501721.98 3635975.90 0.27185
501821.98 3635975.90 0.28981 501921.98 3635975.90 0.30441
502021.98 3635975.90 0.31577 502121.98 3635975.90 0.32843
505321.98 3635975.90 0.34273 505421.98 3635975.90 0.33129
505521.98 3635975.90 0.32043 505621.98 3635975.90 0.31093
505721.98 3635975.90 0.29913 501721.98 3636075.90 0.26291
501821.98 3636075.90 0.27576 501921.98 3636075.90 0.28950
502021.98 3636075.90 0.30061 502121.98 3636075.90 0.31276
502221.98 3636075.90 0.32543 502321.98 3636075.90 0.33791
502421.98 3636075.90 0.34870 502521.98 3636075.90 0.35911
502621.98 3636075.90 0.36980 502721.98 3636075.90 0.38010
502821.98 3636075.90 0.39066 502921.98 3636075.90 0.40238
503021.98 3636075.90 0.41343 503121.98 3636075.90 0.42396
503221.98 3636075.90 0.43451 503321.98 3636075.90 0.44240
503421.98 3636075.90 0.44986 503521.98 3636075.90 0.45320
503621.98 3636075.90 0.45477 503721.98 3636075.90 0.45615
503821.98 3636075.90 0.45484 503921.98 3636075.90 0.46031
504021.98 3636075.90 0.46026 504121.98 3636075.90 0.46656
504221.98 3636075.90 0.47034 504321.98 3636075.90 0.46810
504421.98 3636075.90 0.47248 504521.98 3636075.90 0.47143
504621.98 3636075.90 0.45729 504721.98 3636075.90 0.41948
504821.98 3636075.90 0.38845 504921.98 3636075.90 0.36584
505021.98 3636075.90 0.35523 505121.98 3636075.90 0.34538

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3636175.90        0.32183                       502421.98
3636175.90        0.33139
         502521.98    3636175.90        0.34096                       502621.98
3636175.90        0.35056
         502721.98    3636175.90        0.36048                       502821.98
3636175.90        0.37006
         502921.98    3636175.90        0.37990                       503021.98
3636175.90        0.38976
         503121.98    3636175.90        0.40009                       503221.98

3636175.90 0.40896
503321.98 3636175.90 0.41649 503421.98
3636175.90 0.42318
503521.98 3636175.90 0.42827 503621.98
3636175.90 0.42951
503721.98 3636175.90 0.43130 503821.98
3636175.90 0.43389
503921.98 3636175.90 0.43844 504021.98
3636175.90 0.44308
504121.98 3636175.90 0.44750 504221.98
3636175.90 0.44916
504321.98 3636175.90 0.45901 504421.98
3636175.90 0.45639
504521.98 3636175.90 0.41970 504621.98
3636175.90 0.44572
504721.98 3636175.90 0.42084 504821.98
3636175.90 0.40380
504921.98 3636175.90 0.37637 505021.98
3636175.90 0.34804
505121.98 3636175.90 0.32794 505221.98
3636175.90 0.31921
505321.98 3636175.90 0.31128 505421.98
3636175.90 0.30338
505521.98 3636175.90 0.29318 505621.98
3636175.90 0.28589
505721.98 3636175.90 0.27740 501721.98
3636275.90 0.24160
501821.98 3636275.90 0.25331 501921.98
3636275.90 0.26496
502021.98 3636275.90 0.27554 502121.98
3636275.90 0.28749
502221.98 3636275.90 0.29792 502321.98
3636275.90 0.30704
502421.98 3636275.90 0.31568 502521.98
3636275.90 0.32421
502621.98 3636275.90 0.33344 502721.98
3636275.90 0.34207
502821.98 3636275.90 0.35073 502921.98
3636275.90 0.35948
503021.98 3636275.90 0.36811 503121.98
3636275.90 0.37709
503221.98 3636275.90 0.38748 503321.98
3636275.90 0.39493
503421.98 3636275.90 0.40090 503521.98
3636275.90 0.40513
503621.98 3636275.90 0.40720 503721.98
3636275.90 0.40834
503821.98 3636275.90 0.41046 503921.98
3636275.90 0.41459
504021.98 3636275.90 0.41984 504121.98

3636275.90        0.42629
         504221.98    3636275.90        0.41457                        504321.98
3636275.90        0.33957
         504421.98    3636275.90        0.32319                        504521.98
3636275.90        0.30948
         504621.98    3636275.90        0.35886                        504721.98
3636275.90        0.40962
         504821.98    3636275.90        0.38624                        504921.98
3636275.90        0.38502
         505021.98    3636275.90        0.33413                        505121.98
3636275.90        0.31377
         505221.98    3636275.90        0.30483                        505321.98
3636275.90        0.29823
         505421.98    3636275.90        0.29108                        505521.98
3636275.90        0.28192
         505621.98    3636275.90        0.27438                        505721.98
3636275.90        0.26835
         501721.98    3636375.90        0.23220                        501821.98
3636375.90        0.24393
         501921.98    3636375.90        0.25562                        502021.98
3636375.90        0.26508

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

| | | | | |
|---|---|---|---|---|
| 502121.98 | 3636375.90 | 0.27591 | 502221.98 | 3636375.90 | 0.28509 |
| 502321.98 | 3636375.90 | 0.29352 | 502421.98 | 3636375.90 | 0.30136 |
| 502521.98 | 3636375.90 | 0.30915 | 502621.98 | 3636375.90 | 0.31676 |
| 502721.98 | 3636375.90 | 0.32488 | 502821.98 | 3636375.90 | 0.33263 |
| 502921.98 | 3636375.90 | 0.34022 | 503021.98 | 3636375.90 | 0.34919 |
| 503121.98 | 3636375.90 | 0.35843 | 503221.98 | 3636375.90 | 0.36436 |
| 503321.98 | 3636375.90 | 0.37339 | 503421.98 | 3636375.90 | 0.38020 |
| 503521.98 | 3636375.90 | 0.38330 | 503621.98 | 3636375.90 | 0.38488 |
| 503721.98 | 3636375.90 | 0.38577 | 503821.98 | 3636375.90 | 0.38760 |
| 503921.98 | 3636375.90 | 0.39462 | 504021.98 | 3636375.90 | 0.39809 |
| 504121.98 | 3636375.90 | 0.38914 | 504221.98 | 3636375.90 | 0.34818 |
| 504321.98 | 3636375.90 | 0.29862 | 504421.98 | 3636375.90 | 0.27943 |
| 504521.98 | 3636375.90 | 0.27863 | 504621.98 | 3636375.90 | 0.30585 |
| 504721.98 | 3636375.90 | 0.34395 | 504821.98 | 3636375.90 | 0.31863 |
| 504921.98 | 3636375.90 | 0.32628 | 505021.98 | 3636375.90 | 0.35956 |
| 505121.98 | 3636375.90 | 0.30723 | 505221.98 | 3636375.90 | 0.29670 |
| 505321.98 | 3636375.90 | 0.28796 | 505421.98 | 3636375.90 | 0.27848 |
| 505521.98 | 3636375.90 | 0.27125 | 505621.98 | 3636375.90 | 0.26433 |
| 505721.98 | 3636375.90 | 0.25898 | 501721.98 | 3636475.90 | 0.21952 |
| 501821.98 | 3636475.90 | 0.23240 | 501921.98 | 3636475.90 | 0.24630 |
| 502021.98 | 3636475.90 | 0.25491 | 502121.98 | 3636475.90 | 0.26330 |
| 502221.98 | 3636475.90 | 0.27281 | 502321.98 | 3636475.90 | 0.28072 |
| 502421.98 | 3636475.90 | 0.28777 | 502521.98 | 3636475.90 | 0.29483 |
| 502621.98 | 3636475.90 | 0.30181 | 502721.98 | 3636475.90 | 0.30889 |
| 502821.98 | 3636475.90 | 0.31618 | 502921.98 | 3636475.90 | 0.32442 |

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         503021.98    3636475.90        0.33181                        503121.98
3636475.90        0.33534
         503221.98    3636475.90        0.33597                        503321.98
3636475.90        0.34817
         503421.98    3636475.90        0.35863                        503521.98
3636475.90        0.36326
         503621.98    3636475.90        0.36476                        503721.98
3636475.90        0.36575
         503821.98    3636475.90        0.36874                        503921.98
3636475.90        0.37008
         504021.98    3636475.90        0.32238                        504121.98
3636475.90        0.32949
         504221.98    3636475.90        0.32518                        504321.98
3636475.90        0.27313
         504421.98    3636475.90        0.25680                        504521.98
3636475.90        0.25439
         504621.98    3636475.90        0.25931                        504721.98
3636475.90        0.26720
         504821.98    3636475.90        0.27220                        504921.98
3636475.90        0.30393
         505021.98    3636475.90        0.35251                        505121.98
3636475.90        0.29727
         505221.98    3636475.90        0.28649                        505321.98
3636475.90        0.27758
         505421.98    3636475.90        0.26773                        505521.98
3636475.90        0.26049
         505621.98    3636475.90        0.25446                        505721.98
3636475.90        0.24835
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 497
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 2.22772 | 502771.98 | 3633475.90 | 2.21531 |
| 502821.98 | 3633475.90 | 2.19731 | 502871.98 | 3633475.90 | 2.18057 |
| 502921.98 | 3633475.90 | 2.16802 | 502971.98 | 3633475.90 | 2.14025 |
| 503021.98 | 3633475.90 | 2.10749 | 503071.98 | 3633475.90 | 2.07886 |
| 503121.98 | 3633475.90 | 2.03775 | 503171.98 | 3633475.90 | 1.98989 |
| 503221.98 | 3633475.90 | 1.96996 | 503271.98 | 3633475.90 | 1.93082 |
| 503321.98 | 3633475.90 | 1.90674 | 503371.98 | 3633475.90 | 1.90636 |
| 503421.98 | 3633475.90 | 1.85035 | 503471.98 | 3633475.90 | 1.79364 |
| 503521.98 | 3633475.90 | 1.73106 | 503621.98 | 3633475.90 | 1.62623 |
| 503671.98 | 3633475.90 | 1.55819 | 503721.98 | 3633475.90 | 1.35767 |
| 503771.98 | 3633475.90 | 1.27952 | 503821.98 | 3633475.90 | 1.11906 |
| 503871.98 | 3633475.90 | 1.04036 | 503921.98 | 3633475.90 | 1.06280 |
| 503971.98 | 3633475.90 | 1.00188 | 504021.98 | 3633475.90 | 0.88558 |
| 504071.98 | 3633475.90 | 0.84904 | 504121.98 | 3633475.90 | 0.84568 |
| 504171.98 | 3633475.90 | 0.76444 | 504221.98 | 3633475.90 | 0.75101 |
| 504271.98 | 3633475.90 | 0.75038 | 504321.98 | 3633475.90 | 0.72006 |
| 504371.98 | 3633475.90 | 0.61308 | 504421.98 | 3633475.90 | 0.53401 |
| 504471.98 | 3633475.90 | 0.48193 | 504521.98 | 3633475.90 | 0.45236 |
| 504571.98 | 3633475.90 | 0.44969 | 504621.98 | 3633475.90 | 0.45532 |
| 504671.98 | 3633475.90 | 0.45098 | 504721.98 | 3633475.90 | 0.45703 |
| 502721.98 | 3633525.90 | 2.04675 | 502771.98 | 3633525.90 | 2.03397 |
| 502821.98 | 3633525.90 | 2.01951 | 502871.98 | | |

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3633525.90        2.00708
         502921.98    3633525.90        1.99094                          502971.98
3633525.90        1.96611
         503021.98    3633525.90        1.93987                          503071.98
3633525.90        1.90941
         503121.98    3633525.90        1.87030                          503171.98
3633525.90        1.83682
         503221.98    3633525.90        1.80577                          503271.98
3633525.90        1.78624
         503321.98    3633525.90        1.74740                          503371.98
3633525.90        1.73357
         503421.98    3633525.90        1.69312                          503471.98
3633525.90        1.64593
         503521.98    3633525.90        1.59736                          503621.98
3633525.90        1.48461
         503671.98    3633525.90        1.44592                          503721.98
3633525.90        1.40224
         503771.98    3633525.90        1.35718                          503821.98
3633525.90        1.19263
         503871.98    3633525.90        1.15409                          503921.98
3633525.90        1.14574
         503971.98    3633525.90        1.05333                          504021.98
3633525.90        0.93112
         504071.98    3633525.90        0.89896                          504121.98
3633525.90        0.89668
         504171.98    3633525.90        0.85464                          504221.98
3633525.90        0.82168
         504271.98    3633525.90        0.76721                          504321.98
3633525.90        0.62677
         504371.98    3633525.90        0.55669                          504421.98
3633525.90        0.50050
         504471.98    3633525.90        0.46369                          504521.98
3633525.90        0.46136
         504571.98    3633525.90        0.47238                          504621.98
3633525.90        0.47782
         504671.98    3633525.90        0.46594                          504721.98
3633525.90        0.44960
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 498
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
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, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633575.90        1.88758                       502771.98
3633575.90        1.87603
         502821.98    3633575.90        1.86589                       502871.98
3633575.90        1.85451
         502921.98    3633575.90        1.83568                       502971.98
3633575.90        1.81584
         503021.98    3633575.90        1.79666                       503071.98
3633575.90        1.76903
         503121.98    3633575.90        1.73384                       503171.98
3633575.90        1.70360
         503221.98    3633575.90        1.67595                       503271.98
3633575.90        1.64706
         503321.98    3633575.90        1.62214                       503371.98
3633575.90        1.59400
         503421.98    3633575.90        1.55549                       503471.98
3633575.90        1.51765
         503521.98    3633575.90        1.46974                       503621.98
3633575.90        1.39026
         503671.98    3633575.90        1.34062                       503721.98
3633575.90        1.29081
         503771.98    3633575.90        1.26765                       503821.98
3633575.90        1.23243
         503871.98    3633575.90        1.17289                       503921.98
3633575.90        1.12010
         503971.98    3633575.90        1.06484                       504021.98
3633575.90        1.00672
         504071.98    3633575.90        0.94411                       504121.98
3633575.90        0.91272
         504171.98    3633575.90        0.87265                       504221.98
3633575.90        0.83706
         504271.98    3633575.90        0.73954                       504321.98
3633575.90        0.60227
         504371.98    3633575.90        0.53782                       504421.98
3633575.90        0.47927
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         504471.98    3633575.90        0.46026                        504521.98
3633575.90        0.47912
         504571.98    3633575.90        0.50142                        504621.98
3633575.90        0.47785
         504671.98    3633575.90        0.45657                        504721.98
3633575.90        0.43992
         502721.98    3633625.90        1.75180                        502771.98
3633625.90        1.74151
         502821.98    3633625.90        1.72878                        502871.98
3633625.90        1.71538
         502921.98    3633625.90        1.69952                        502971.98
3633625.90        1.68411
         503021.98    3633625.90        1.66727                        503071.98
3633625.90        1.64041
         503121.98    3633625.90        1.61223                        503171.98
3633625.90        1.58626
         503221.98    3633625.90        1.55852                        503271.98
3633625.90        1.53446
         503321.98    3633625.90        1.50936                        503371.98
3633625.90        1.47956
         503421.98    3633625.90        1.44962                        503471.98
3633625.90        1.41354
         503521.98    3633625.90        1.37389                        503621.98
3633625.90        1.30216
         503671.98    3633625.90        1.26223                        503721.98
3633625.90        1.21714
         503771.98    3633625.90        1.19071                        503821.98
3633625.90        1.15683
         503871.98    3633625.90        1.10484                        503921.98
3633625.90        1.06766
         503971.98    3633625.90        1.02303                        504021.98
3633625.90        0.98013
         504071.98    3633625.90        0.93249                        504121.98
3633625.90        0.89456
         504171.98    3633625.90        0.85653                        504221.98
3633625.90        0.81707
         504271.98    3633625.90        0.75106                        504321.98
3633625.90        0.65512
         504371.98    3633625.90        0.55385                        504421.98
3633625.90        0.49383
         504471.98    3633625.90        0.47146                        504521.98
3633625.90        0.51096
         504571.98    3633625.90        0.50532                        504621.98
3633625.90        0.47901
         504671.98    3633625.90        0.47335                        504721.98
3633625.90        0.44402
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***

INCLUDING SOURCE(S):  L0000760  , L0000761 , L0000762  , L0000763  , L0000764  ,
  L0000765  , L0000766  , L0000767  , L0000768  , L0000769 , L0000770  , L0000771  , L0000772  ,
  L0000773  , L0000774  , L0000775  , L0000776  , L0000777 , L0000778  , L0000779  , L0000780  ,
  L0000781  , L0000782  , L0000783  , L0000784  , L0000785 , L0000786  , L0000787  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 1.63056 | 502771.98 | 3633675.90 | 1.62073 |
| 502821.98 | 3633675.90 | 1.60859 | 502871.98 | 3633675.90 | 1.59558 |
| 502921.98 | 3633675.90 | 1.58426 | 502971.98 | 3633675.90 | 1.56894 |
| 503021.98 | 3633675.90 | 1.55160 | 503071.98 | 3633675.90 | 1.52828 |
| 503121.98 | 3633675.90 | 1.50505 | 503171.98 | 3633675.90 | 1.48089 |
| 503221.98 | 3633675.90 | 1.45618 | 503271.98 | 3633675.90 | 1.43183 |
| 503321.98 | 3633675.90 | 1.40710 | 503371.98 | 3633675.90 | 1.37646 |
| 503421.98 | 3633675.90 | 1.34623 | 503471.98 | 3633675.90 | 1.31762 |
| 503521.98 | 3633675.90 | 1.28362 | 503571.98 | 3633675.90 | 1.26212 |
| 503671.98 | 3633675.90 | 1.19049 | 503721.98 | 3633675.90 | 1.15091 |
| 503771.98 | 3633675.90 | 1.11213 | 503821.98 | 3633675.90 | 1.07586 |
| 503871.98 | 3633675.90 | 1.04402 | 503921.98 | 3633675.90 | 1.00667 |
| 503971.98 | 3633675.90 | 0.97566 | 504021.98 | | |

3633675.90 0.93976
504071.98 3633675.90 0.90077 504121.98
3633675.90 0.86276
504171.98 3633675.90 0.82703 504221.98
3633675.90 0.79475
504271.98 3633675.90 0.75680 504321.98
3633675.90 0.67983
504371.98 3633675.90 0.57677 504421.98
3633675.90 0.52104
504471.98 3633675.90 0.52829 504521.98
3633675.90 0.53562
504571.98 3633675.90 0.50943 504621.98
3633675.90 0.48940
504671.98 3633675.90 0.47012 504721.98
3633675.90 0.45398
502721.98 3633725.90 1.52226 502771.98
3633725.90 1.51426
502821.98 3633725.90 1.50246 502871.98
3633725.90 1.49182
502921.98 3633725.90 1.48357 502971.98
3633725.90 1.46803
503021.98 3633725.90 1.44647 503071.98
3633725.90 1.42939
503121.98 3633725.90 1.40867 503171.98
3633725.90 1.38662
503221.98 3633725.90 1.36436 503271.98
3633725.90 1.33931
503321.98 3633725.90 1.31361 503371.98
3633725.90 1.28562
503421.98 3633725.90 1.25653 503471.98
3633725.90 1.23619
503521.98 3633725.90 1.20652 503571.98
3633725.90 1.17761
503721.98 3633725.90 1.08616 503771.98
3633725.90 1.05481
503821.98 3633725.90 1.02036 503871.98
3633725.90 0.98623
503921.98 3633725.90 0.95438 503971.98
3633725.90 0.92865
504021.98 3633725.90 0.89914 504071.98
3633725.90 0.86342
504121.98 3633725.90 0.82338 504171.98
3633725.90 0.79338
504221.98 3633725.90 0.76657 504271.98
3633725.90 0.73861
504321.98 3633725.90 0.69648 504371.98
3633725.90 0.62004
504421.98 3633725.90 0.57391 504471.98
3633725.90 0.56616
504521.98 3633725.90 0.54516 504571.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502771.98    3633775.90        1.41723                       502821.98
3633775.90        1.40802
         502871.98    3633775.90        1.39733                       502921.98
3633775.90        1.38854
         502971.98    3633775.90        1.37681                       503021.98
3633775.90        1.35969
         503071.98    3633775.90        1.34148                       503121.98
3633775.90        1.32216
         503171.98    3633775.90        1.30211                       503221.98
3633775.90        1.28066
         503271.98    3633775.90        1.25875                       503321.98
3633775.90        1.23480
         503371.98    3633775.90        1.20936                       503421.98
3633775.90        1.18321
         503471.98    3633775.90        1.15775                       503771.98
3633775.90        1.00139

503821.98 3633775.90 0.97108 503871.98 3633775.90 0.94032
503921.98 3633775.90 0.91091 503971.98 3633775.90 0.88702
504021.98 3633775.90 0.85596 504071.98 3633775.90 0.81885
504121.98 3633775.90 0.79009 504171.98 3633775.90 0.76237
504221.98 3633775.90 0.73605 504271.98 3633775.90 0.71309
504321.98 3633775.90 0.68918 504371.98 3633775.90 0.65021
504421.98 3633775.90 0.61649 504471.98 3633775.90 0.57523
504521.98 3633775.90 0.56988 504571.98 3633775.90 0.56022
504621.98 3633775.90 0.53503 504671.98 3633775.90 0.50705
504721.98 3633775.90 0.48043 502721.98 3633825.90 1.33619
502771.98 3633825.90 1.32988 502821.98 3633825.90 1.32246
502871.98 3633825.90 1.31290 502921.98 3633825.90 1.30560
502971.98 3633825.90 1.29365 503021.98 3633825.90 1.27835
503071.98 3633825.90 1.26220 503121.98 3633825.90 1.24487
503171.98 3633825.90 1.22711 503221.98 3633825.90 1.20791
503271.98 3633825.90 1.18772 503771.98 3633825.90 0.94943
503821.98 3633825.90 0.92216 503871.98 3633825.90 0.89717
503921.98 3633825.90 0.87155 503971.98 3633825.90 0.84417
504021.98 3633825.90 0.81406 504071.98 3633825.90 0.78752
504121.98 3633825.90 0.76135 504171.98 3633825.90 0.73573
504221.98 3633825.90 0.71147 504271.98 3633825.90 0.68697
504321.98 3633825.90 0.66542 504371.98 3633825.90 0.64644
504421.98 3633825.90 0.62264 504471.98 3633825.90 0.59782
504521.98 3633825.90 0.57605 504571.98 3633825.90 0.55738
504621.98 3633825.90 0.53369 504671.98 3633825.90 0.50936

```
         504721.98    3633825.90        0.49109                       502721.98
3633875.90        1.25551
         502771.98    3633875.90        1.25060                       502821.98
3633875.90        1.24374
         502871.98    3633875.90        1.23490                       502921.98
3633875.90        1.23022
         502971.98    3633875.90        1.21840                       503021.98
3633875.90        1.20540
         503071.98    3633875.90        1.19201                       503121.98
3633875.90        1.17489
         503171.98    3633875.90        1.15841                       503221.98
3633875.90        1.14101
         503271.98    3633875.90        1.12246                       503821.98
3633875.90        0.87974
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 501
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503871.98    3633875.90        0.85797                       503921.98
3633875.90        0.83358
         503971.98    3633875.90        0.80498                       504021.98
3633875.90        0.78058
         504071.98    3633875.90        0.75756                       504121.98
3633875.90        0.73275
         504171.98    3633875.90        0.71027                       504221.98
```

3633875.90 0.68759
504271.98 3633875.90 0.66568 504321.98
3633875.90 0.64454
504371.98 3633875.90 0.62592 504421.98
3633875.90 0.60811
504471.98 3633875.90 0.58725 504521.98
3633875.90 0.56715
504571.98 3633875.90 0.54798 504621.98
3633875.90 0.52857
504671.98 3633875.90 0.50266 504721.98
3633875.90 0.48671
502721.98 3633925.90 1.18190 502771.98
3633925.90 1.17697
502821.98 3633925.90 1.17120 502871.98
3633925.90 1.16533
502921.98 3633925.90 1.15955 502971.98
3633925.90 1.14799
503021.98 3633925.90 1.13703 503071.98
3633925.90 1.12556
503121.98 3633925.90 1.11138 503171.98
3633925.90 1.09568
503221.98 3633925.90 1.07856 503271.98
3633925.90 1.06156
503821.98 3633925.90 0.83984 503871.98
3633925.90 0.81835
503921.98 3633925.90 0.79494 503971.98
3633925.90 0.76990
504021.98 3633925.90 0.74873 504071.98
3633925.90 0.72652
504121.98 3633925.90 0.70574 504171.98
3633925.90 0.68437
504221.98 3633925.90 0.66404 504271.98
3633925.90 0.64438
504321.98 3633925.90 0.62468 504371.98
3633925.90 0.60488
504421.98 3633925.90 0.58642 504471.98
3633925.90 0.56929
504521.98 3633925.90 0.55232 504571.98
3633925.90 0.53566
504621.98 3633925.90 0.51602 504671.98
3633925.90 0.49723
504721.98 3633925.90 0.47877 502721.98
3633975.90 1.11525
502771.98 3633975.90 1.11013 502821.98
3633975.90 1.10398
502871.98 3633975.90 1.10027 502921.98
3633975.90 1.09441
502971.98 3633975.90 1.08409 503021.98
3633975.90 1.07447
503071.98 3633975.90 1.06347 503121.98

3633975.90        1.05136
         503171.98    3633975.90        1.03753                        503221.98
3633975.90        1.02254
         503271.98    3633975.90        1.00679                        503821.98
3633975.90        0.80379
         503871.98    3633975.90        0.78272                        503921.98
3633975.90        0.75889
         503971.98    3633975.90        0.73911                        504021.98
3633975.90        0.71962
         504071.98    3633975.90        0.69915                        504121.98
3633975.90        0.67890
         504171.98    3633975.90        0.65971                        504221.98
3633975.90        0.64219
         504271.98    3633975.90        0.62419                        504321.98
3633975.90        0.60560
         504371.98    3633975.90        0.58790                        504421.98
3633975.90        0.57002
         504471.98    3633975.90        0.55517                        504521.98
3633975.90        0.54153
         504571.98    3633975.90        0.52339                        504621.98
3633975.90        0.50527
         504671.98    3633975.90        0.48540                        504721.98
3633975.90        0.46117

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                 INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC

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         504171.98    3634075.90        0.61668                        504221.98
3634075.90        0.60069
         504271.98    3634075.90        0.58484                        504321.98
3634075.90        0.57017
         504371.98    3634075.90        0.55518                        504421.98
3634075.90        0.54308
         504471.98    3634075.90        0.53280                        504521.98
3634075.90        0.51883
         504571.98    3634075.90        0.49593                        504621.98
3634075.90        0.45629
         504671.98    3634075.90        0.43368                        504721.98
3634075.90        0.42136
         502721.98    3634125.90        0.95005                        502771.98
3634125.90        0.94302
         502821.98    3634125.90        0.93887                        502871.98
3634125.90        0.93527
         502921.98    3634125.90        0.92868                        502971.98
3634125.90        0.92185
         503021.98    3634125.90        0.91537                        503071.98
3634125.90        0.90689
         503121.98    3634125.90        0.89785                        503171.98
3634125.90        0.88813
         503221.98    3634125.90        0.87580                        503271.98
3634125.90        0.86463
         503921.98    3634125.90        0.67282                        503971.98
3634125.90        0.65716
         504021.98    3634125.90        0.64186                        504071.98
3634125.90        0.62744
         504121.98    3634125.90        0.61140                        504171.98
3634125.90        0.59673
         504221.98    3634125.90        0.58088                        504271.98
3634125.90        0.56652
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 503
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 0.55328 | 504371.98 | 3634125.90 | 0.53955 |
| 504421.98 | 3634125.90 | 0.52893 | 504471.98 | 3634125.90 | 0.52397 |
| 504521.98 | 3634125.90 | 0.50490 | 504571.98 | 3634125.90 | 0.47122 |
| 504621.98 | 3634125.90 | 0.43302 | 504671.98 | 3634125.90 | 0.42210 |
| 504721.98 | 3634125.90 | 0.40363 | 502721.98 | 3634175.90 | 0.89843 |
| 502771.98 | 3634175.90 | 0.89517 | 502821.98 | 3634175.90 | 0.89215 |
| 502871.98 | 3634175.90 | 0.88858 | 502921.98 | 3634175.90 | 0.88245 |
| 502971.98 | 3634175.90 | 0.87619 | 503021.98 | 3634175.90 | 0.87035 |
| 503071.98 | 3634175.90 | 0.86228 | 503121.98 | 3634175.90 | 0.85370 |
| 503171.98 | 3634175.90 | 0.84391 | 503221.98 | 3634175.90 | 0.83263 |
| 503271.98 | 3634175.90 | 0.82212 | 503971.98 | 3634175.90 | 0.63403 |
| 504021.98 | 3634175.90 | 0.61893 | 504071.98 | 3634175.90 | 0.60485 |
| 504121.98 | 3634175.90 | 0.59125 | 504171.98 | 3634175.90 | 0.57630 |
| 504221.98 | 3634175.90 | 0.56294 | 504271.98 | 3634175.90 | 0.54874 |
| 504321.98 | 3634175.90 | 0.53563 | 504371.98 | 3634175.90 | 0.52756 |
| 504421.98 | 3634175.90 | 0.52888 | 504471.98 | 3634175.90 | 0.51002 |
| 504521.98 | 3634175.90 | 0.48735 | 504571.98 | 3634175.90 | 0.43496 |
| 504621.98 | 3634175.90 | 0.39297 | 504671.98 | 3634175.90 | 0.37426 |
| 504721.98 | 3634175.90 | 0.34419 | 502721.98 | 3634225.90 | 0.85388 |
| 502771.98 | 3634225.90 | 0.85226 | 502821.98 | | |

3634225.90        0.84994
         502871.98    3634225.90        0.84608                        502921.98
3634225.90        0.84002
         502971.98    3634225.90        0.83418                        503021.98
3634225.90        0.82862
         503071.98    3634225.90        0.82128                        503121.98
3634225.90        0.81323
         503171.98    3634225.90        0.80412                        503221.98
3634225.90        0.79453
         503271.98    3634225.90        0.78492                        504071.98
3634225.90        0.58431
         504121.98    3634225.90        0.57135                        504171.98
3634225.90        0.55832
         504221.98    3634225.90        0.54467                        504271.98
3634225.90        0.53272
         504321.98    3634225.90        0.52004                        504371.98
3634225.90        0.51782
         504421.98    3634225.90        0.51492                        504471.98
3634225.90        0.49610
         504521.98    3634225.90        0.47260                        504571.98
3634225.90        0.42694
         504621.98    3634225.90        0.37747                        504671.98
3634225.90        0.33878
         504721.98    3634225.90        0.30844                        502721.98
3634275.90        0.81385
         502771.98    3634275.90        0.81135                        502821.98
3634275.90        0.80942
         502871.98    3634275.90        0.80799                        502921.98
3634275.90        0.80145
         502971.98    3634275.90        0.79515                        503021.98
3634275.90        0.79042
         503071.98    3634275.90        0.78359                        503121.98
3634275.90        0.77601
         503171.98    3634275.90        0.76807                        503221.98
3634275.90        0.75938
         503271.98    3634275.90        0.75088                        504121.98
3634275.90        0.55266
         504171.98    3634275.90        0.54023                        504221.98
3634275.90        0.52977
         504271.98    3634275.90        0.51717                        504321.98
3634275.90        0.50607


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761
, L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769
, L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777
, L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785
, L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 0.49867 | 504421.98 | 3634275.90 | 0.50199 |
| 504471.98 | 3634275.90 | 0.48794 | 504521.98 | 3634275.90 | 0.45134 |
| 504571.98 | 3634275.90 | 0.39699 | 504621.98 | 3634275.90 | 0.35406 |
| 504671.98 | 3634275.90 | 0.31714 | 504721.98 | 3634275.90 | 0.29829 |
| 502721.98 | 3634325.90 | 0.77067 | 502771.98 | 3634325.90 | 0.76975 |
| 502821.98 | 3634325.90 | 0.76736 | 502871.98 | 3634325.90 | 0.77244 |
| 502971.98 | 3634325.90 | 0.75961 | 503021.98 | 3634325.90 | 0.75481 |
| 503071.98 | 3634325.90 | 0.74899 | 503121.98 | 3634325.90 | 0.74197 |
| 503171.98 | 3634325.90 | 0.73466 | 503221.98 | 3634325.90 | 0.72686 |
| 503271.98 | 3634325.90 | 0.71897 | 504171.98 | 3634325.90 | 0.52456 |
| 504221.98 | 3634325.90 | 0.51450 | 504271.98 | 3634325.90 | 0.50231 |
| 504321.98 | 3634325.90 | 0.49136 | 504371.98 | 3634325.90 | 0.48264 |
| 504421.98 | 3634325.90 | 0.48616 | 504471.98 | 3634325.90 | 0.48082 |
| 504521.98 | 3634325.90 | 0.44247 | 504571.98 | 3634325.90 | 0.38180 |
| 504621.98 | 3634325.90 | 0.33294 | 504671.98 | 3634325.90 | 0.30304 |

504721.98 3634325.90 0.29413 502721.98
3634375.90 0.73398
502771.98 3634375.90 0.73367 502821.98
3634375.90 0.73122
503021.98 3634375.90 0.72014 503071.98
3634375.90 0.71633
503121.98 3634375.90 0.71000 503171.98
3634375.90 0.70291
503221.98 3634375.90 0.69605 503271.98
3634375.90 0.68880
504221.98 3634375.90 0.49901 504271.98
3634375.90 0.48818
504321.98 3634375.90 0.47741 504371.98
3634375.90 0.47107
504421.98 3634375.90 0.48433 504471.98
3634375.90 0.44824
504521.98 3634375.90 0.39854 504571.98
3634375.90 0.35650
504621.98 3634375.90 0.32743 504671.98
3634375.90 0.30717
504721.98 3634375.90 0.29465 502721.98
3634425.90 0.70384
502771.98 3634425.90 0.70219 502821.98
3634425.90 0.69989
504271.98 3634425.90 0.47303 504321.98
3634425.90 0.46357
504371.98 3634425.90 0.45677 504421.98
3634425.90 0.46690
504471.98 3634425.90 0.45020 504521.98
3634425.90 0.40287
504571.98 3634425.90 0.38043 504621.98
3634425.90 0.36360
504671.98 3634425.90 0.33781 504721.98
3634425.90 0.31053
502721.98 3634475.90 0.67788 502771.98
3634475.90 0.67783
502821.98 3634475.90 0.67621 504321.98
3634475.90 0.44991
504371.98 3634475.90 0.44185 504421.98
3634475.90 0.43511
504471.98 3634475.90 0.44207 504521.98
3634475.90 0.44049
504571.98 3634475.90 0.42750 504621.98
3634475.90 0.41348
504671.98 3634475.90 0.38242 504721.98
3634475.90 0.34098
502721.98 3634525.90 0.65181 502771.98
3634525.90 0.65014
504371.98 3634525.90 0.42917 504421.98
3634525.90 0.42069

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 0.41317 | 504521.98 | 3634525.90 | 0.40668 |
| 504571.98 | 3634525.90 | 0.40005 | 504621.98 | 3634525.90 | 0.39755 |
| 504671.98 | 3634525.90 | 0.39961 | 504721.98 | 3634525.90 | 0.37565 |
| 502721.98 | 3634575.90 | 0.62532 | 502771.98 | 3634575.90 | 0.62433 |
| 504421.98 | 3634575.90 | 0.40917 | 504471.98 | 3634575.90 | 0.40164 |
| 504521.98 | 3634575.90 | 0.39392 | 504571.98 | 3634575.90 | 0.38668 |
| 504621.98 | 3634575.90 | 0.38097 | 504671.98 | 3634575.90 | 0.37912 |
| 504721.98 | 3634575.90 | 0.38010 | 502721.98 | 3634625.90 | 0.60062 |
| 502771.98 | 3634625.90 | 0.59938 | 502821.98 | 3634625.90 | 0.59870 |
| 502871.98 | 3634625.90 | 0.59661 | 502921.98 | 3634625.90 | 0.59384 |
| 502971.98 | 3634625.90 | 0.59099 | 503021.98 | | |

3634625.90 0.58779
503071.98 3634625.90 0.58417 503121.98 3634625.90 0.57992
504471.98 3634625.90 0.39147 504521.98 3634625.90 0.38421
504571.98 3634625.90 0.37693 504621.98 3634625.90 0.37003
504671.98 3634625.90 0.36286 504721.98 3634625.90 0.35827
502721.98 3634675.90 0.57769 502771.98 3634675.90 0.57681
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503021.98 3634675.90 0.56576 503071.98 3634675.90 0.56207
503121.98 3634675.90 0.55891 503171.98 3634675.90 0.55586
503221.98 3634675.90 0.55125 503271.98 3634675.90 0.54452
503321.98 3634675.90 0.53953 503371.98 3634675.90 0.53445
503421.98 3634675.90 0.52909 503471.98 3634675.90 0.52470
503521.98 3634675.90 0.51623 504521.98 3634675.90 0.37468
504571.98 3634675.90 0.36770 504621.98 3634675.90 0.36120
504671.98 3634675.90 0.35441 504721.98 3634675.90 0.34777
502721.98 3634725.90 0.55608 502771.98 3634725.90 0.55522
502821.98 3634725.90 0.55401 502871.98 3634725.90 0.55301
502921.98 3634725.90 0.55062 502971.98 3634725.90 0.54803
503021.98 3634725.90 0.54507 503071.98 3634725.90 0.54149
503121.98 3634725.90 0.53842 503171.98 3634725.90 0.53518
503221.98 3634725.90 0.53059 503271.98 3634725.90 0.52542
503321.98 3634725.90 0.52094 503371.98 3634725.90 0.51628
503421.98 3634725.90 0.51136 503471.98 3634725.90 0.50703
503521.98 3634725.90 0.50128 503571.98 3634725.90 0.49398
503621.98 3634725.90 0.48666 504571.98

3634725.90        0.35913
         504621.98    3634725.90        0.35289                        504671.98
3634725.90        0.34643
         504721.98    3634725.90        0.34011                        502721.98
3634775.90        0.53572
         502771.98    3634775.90        0.53461                        502821.98
3634775.90        0.53371
         502871.98    3634775.90        0.53265                        502921.98
3634775.90        0.53060

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502971.98    3634775.90        0.52784                        503021.98
3634775.90        0.52546
         503071.98    3634775.90        0.52232                        503121.98
3634775.90        0.51900
         503171.98    3634775.90        0.51565                        503221.98
3634775.90        0.51119
         503271.98    3634775.90        0.50689                        503321.98
3634775.90        0.50253
         503371.98    3634775.90        0.49797                        503421.98
3634775.90        0.49353
         503471.98    3634775.90        0.48954                        503521.98
3634775.90        0.48406

503571.98 3634775.90 0.47838 503621.98 3634775.90 0.47277
503671.98 3634775.90 0.46725 503721.98 3634775.90 0.46111
503771.98 3634775.90 0.45448 503821.98 3634775.90 0.44689
504621.98 3634775.90 0.34476 504671.98 3634775.90 0.33879
504721.98 3634775.90 0.33275 502721.98 3634825.90 0.51621
502771.98 3634825.90 0.51581 502821.98 3634825.90 0.51468
502871.98 3634825.90 0.51307 502921.98 3634825.90 0.51169
502971.98 3634825.90 0.50930 503021.98 3634825.90 0.50692
503071.98 3634825.90 0.50363 503121.98 3634825.90 0.50079
503171.98 3634825.90 0.49692 503221.98 3634825.90 0.49322
503271.98 3634825.90 0.48938 503321.98 3634825.90 0.48556
503371.98 3634825.90 0.48215 503421.98 3634825.90 0.47808
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503571.98 3634825.90 0.46302 503621.98 3634825.90 0.45797
503671.98 3634825.90 0.45271 503721.98 3634825.90 0.44718
503771.98 3634825.90 0.44137 503821.98 3634825.90 0.43558
503871.98 3634825.90 0.42974 503921.98 3634825.90 0.42367
504671.98 3634825.90 0.33128 504721.98 3634825.90 0.32560
502721.98 3634875.90 0.49771 502771.98 3634875.90 0.49721
502821.98 3634875.90 0.49623 502871.98 3634875.90 0.49455
502921.98 3634875.90 0.49337 502971.98 3634875.90 0.49137
503021.98 3634875.90 0.48916 503071.98 3634875.90 0.48642
503121.98 3634875.90 0.48358 503171.98 3634875.90 0.47967
503221.98 3634875.90 0.47651 503271.98 3634875.90 0.47376
503321.98 3634875.90 0.47044 503371.98 3634875.90 0.46641

```
         503421.98    3634875.90        0.46236                       503471.98
3634875.90        0.45830
         503521.98    3634875.90        0.45363                       503571.98
3634875.90        0.44884
         503621.98    3634875.90        0.44385                       503671.98
3634875.90        0.43889
         503721.98    3634875.90        0.43392                       503771.98
3634875.90        0.42863
         503821.98    3634875.90        0.42329                       503871.98
3634875.90        0.41778
         503921.98    3634875.90        0.41280                       504721.98
3634875.90        0.31860
         502721.98    3634925.90        0.48034                       502771.98
3634925.90        0.47961
         502821.98    3634925.90        0.47882                       502871.98
3634925.90        0.47725
         502921.98    3634925.90        0.47603                       502971.98
3634925.90        0.47426
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503021.98    3634925.90        0.47217                       503071.98
3634925.90        0.46973
         503121.98    3634925.90        0.46713                       503171.98
```

3634925.90 0.46419
503221.98 3634925.90 0.46131 503271.98
3634925.90 0.45822
503321.98 3634925.90 0.45487 503371.98
3634925.90 0.45128
503421.98 3634925.90 0.44754 503471.98
3634925.90 0.44354
503521.98 3634925.90 0.43927 503571.98
3634925.90 0.43479
503621.98 3634925.90 0.43013 503671.98
3634925.90 0.42552
503721.98 3634925.90 0.42131 503771.98
3634925.90 0.41666
503821.98 3634925.90 0.41204 503871.98
3634925.90 0.40924
502721.98 3634975.90 0.46395 502771.98
3634975.90 0.46306
502821.98 3634975.90 0.46225 502871.98
3634975.90 0.46126
502921.98 3634975.90 0.46023 502971.98
3634975.90 0.45774
503021.98 3634975.90 0.45591 503071.98
3634975.90 0.45391
503121.98 3634975.90 0.45164 503171.98
3634975.90 0.44814
503221.98 3634975.90 0.44522 503271.98
3634975.90 0.44250
503321.98 3634975.90 0.43935 503371.98
3634975.90 0.43614
503421.98 3634975.90 0.43327 503471.98
3634975.90 0.42937
503521.98 3634975.90 0.42557 503571.98
3634975.90 0.42136
503621.98 3634975.90 0.41697 503671.98
3634975.90 0.41262
503721.98 3634975.90 0.40925 503771.98
3634975.90 0.41476
503821.98 3634975.90 0.40714 503871.98
3634975.90 0.42125
502721.98 3635025.90 0.44843 502771.98
3635025.90 0.44803
502821.98 3635025.90 0.44719 502871.98
3635025.90 0.44613
502921.98 3635025.90 0.44458 502971.98
3635025.90 0.44293
503021.98 3635025.90 0.44115 503071.98
3635025.90 0.43932
503121.98 3635025.90 0.43707 503171.98
3635025.90 0.43412
503221.98 3635025.90 0.43148 503271.98

```
3635025.90        0.42870
         503321.98    3635025.90        0.42573                      503371.98
3635025.90        0.42269
         503421.98    3635025.90        0.41968                      503471.98
3635025.90        0.41607
         503521.98    3635025.90        0.41240                      503571.98
3635025.90        0.40859
         503621.98    3635025.90        0.40466                      503671.98
3635025.90        0.40084
         503721.98    3635025.90        0.40479                      503771.98
3635025.90        0.40491
         503821.98    3635025.90        0.40635                      504371.98
3635025.90        0.33326
         502721.98    3635075.90        0.43404                      502771.98
3635075.90        0.43365
         502821.98    3635075.90        0.43289                      502871.98
3635075.90        0.43147
         502921.98    3635075.90        0.43028                      502971.98
3635075.90        0.42890
         503021.98    3635075.90        0.42697                      503071.98
3635075.90        0.42520
         503121.98    3635075.90        0.42305                      503171.98
3635075.90        0.42046
         503221.98    3635075.90        0.41804                      503271.98
3635075.90        0.41539
         503321.98    3635075.90        0.41263                      503371.98
3635075.90        0.40968
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 508
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503421.98 | 3635075.90 | 0.40653 | 503471.98 | 3635075.90 | 0.40323 |
| 503521.98 | 3635075.90 | 0.39982 | 503571.98 | 3635075.90 | 0.39630 |
| 503621.98 | 3635075.90 | 0.39268 | 503671.98 | 3635075.90 | 0.38924 |
| 503721.98 | 3635075.90 | 0.38869 | 503771.98 | 3635075.90 | 0.39174 |
| 503821.98 | 3635075.90 | 0.40539 | 504371.98 | 3635075.90 | 0.32566 |
| 504421.98 | 3635075.90 | 0.32091 | 504471.98 | 3635075.90 | 0.31620 |
| 504521.98 | 3635075.90 | 0.31093 | 502721.98 | 3635125.90 | 0.42017 |
| 502771.98 | 3635125.90 | 0.41983 | 502821.98 | 3635125.90 | 0.41918 |
| 502871.98 | 3635125.90 | 0.41803 | 502921.98 | 3635125.90 | 0.41635 |
| 502971.98 | 3635125.90 | 0.41495 | 503021.98 | 3635125.90 | 0.41343 |
| 503071.98 | 3635125.90 | 0.41185 | 503121.98 | 3635125.90 | 0.40986 |
| 503171.98 | 3635125.90 | 0.40761 | 503221.98 | 3635125.90 | 0.40547 |
| 503271.98 | 3635125.90 | 0.40283 | 503321.98 | 3635125.90 | 0.40028 |
| 503371.98 | 3635125.90 | 0.39746 | 503421.98 | 3635125.90 | 0.39427 |
| 503471.98 | 3635125.90 | 0.39125 | 503521.98 | 3635125.90 | 0.38808 |
| 503571.98 | 3635125.90 | 0.38520 | 503621.98 | 3635125.90 | 0.38161 |
| 503671.98 | 3635125.90 | 0.37858 | 503721.98 | 3635125.90 | 0.38543 |
| 503771.98 | 3635125.90 | 0.38870 | 503821.98 | 3635125.90 | 0.39669 |
| 504371.98 | 3635125.90 | 0.31807 | 504421.98 | 3635125.90 | 0.31385 |
| 504471.98 | 3635125.90 | 0.30920 | 504521.98 | 3635125.90 | 0.30458 |
| 504571.98 | 3635125.90 | 0.29981 | 502721.98 | 3635175.90 | 0.40693 |
| 502771.98 | 3635175.90 | 0.40679 | 502821.98 | 3635175.90 | 0.40617 |

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         502871.98    3635175.90        0.40530                      502921.98
3635175.90        0.40357
         502971.98    3635175.90        0.40222                      503021.98
3635175.90        0.40091
         503071.98    3635175.90        0.39925                      503121.98
3635175.90        0.39727
         503171.98    3635175.90        0.39513                      503221.98
3635175.90        0.39314
         503271.98    3635175.90        0.39068                      503321.98
3635175.90        0.38834
         503371.98    3635175.90        0.38563                      503421.98
3635175.90        0.38238
         503471.98    3635175.90        0.38007                      503521.98
3635175.90        0.37693
         503571.98    3635175.90        0.37425                      503621.98
3635175.90        0.37095
         503671.98    3635175.90        0.36920                      503721.98
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         503771.98    3635175.90        0.39143                      503821.98
3635175.90        0.40266
         504371.98    3635175.90        0.31076                      504421.98
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         504471.98    3635175.90        0.30236                      504521.98
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         502721.98    3635225.90        0.39435                      502771.98
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         502821.98    3635225.90        0.39329                      502871.98
3635225.90        0.39254
         502921.98    3635225.90        0.39153                      502971.98
3635225.90        0.39021
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3635225.90        0.38706
         503121.98    3635225.90        0.38515                      503171.98
3635225.90        0.38312
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 509
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
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                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503221.98    3635225.90        0.38094                       503271.98
3635225.90        0.37859
         503321.98    3635225.90        0.37613                       503371.98
3635225.90        0.37364
         503421.98    3635225.90        0.37102                       503471.98
3635225.90        0.36846
         503521.98    3635225.90        0.36622                       503571.98
3635225.90        0.36366
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3635225.90        0.36788
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3635225.90        0.29959
         504471.98    3635225.90        0.29559                       504521.98
3635225.90        0.29158
         504571.98    3635225.90        0.28766                       504621.98
3635225.90        0.28351
         502721.98    3635275.90        0.38261                       502771.98
3635275.90        0.38240
         502821.98    3635275.90        0.38183                       502871.98
3635275.90        0.38091
         502921.98    3635275.90        0.38001                       502971.98
3635275.90        0.37874
         503021.98    3635275.90        0.37750                       503071.98
3635275.90        0.37601
         503121.98    3635275.90        0.37433                       503171.98
3635275.90        0.37249
         503221.98    3635275.90        0.36986                       503271.98
3635275.90        0.36779
         503321.98    3635275.90        0.36542                       503371.98
3635275.90        0.36320
         503421.98    3635275.90        0.36057                       503471.98
3635275.90        0.35802
         503521.98    3635275.90        0.35526                       503571.98
3635275.90        0.35324
         503621.98    3635275.90        0.35116                       504371.98
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3635275.90        0.29705
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3635275.90        0.28152
         504621.98    3635275.90        0.27772                     504671.98
3635275.90        0.27365
         502721.98    3635325.90        0.37131                     502771.98
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         503121.98    3635325.90        0.36345                     503171.98
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         503221.98    3635325.90        0.35928                     503271.98
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         503321.98    3635325.90        0.35520                     503371.98
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         503421.98    3635325.90        0.35073                     503471.98
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         503621.98    3635325.90        0.34124                     504371.98
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3635375.90        0.36167
         502871.98    3635375.90        0.36092                     502921.98
3635375.90        0.35874
         502971.98    3635375.90        0.35702                     503021.98
3635375.90        0.35631
         503071.98    3635375.90        0.35533                     503121.98
3635375.90        0.35313
         503171.98    3635375.90        0.35141                     503221.98
3635375.90        0.34915
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***

INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 0.34730 | 503321.98 | 3635375.90 | 0.34536 |
| 503371.98 | 3635375.90 | 0.34331 | 503421.98 | 3635375.90 | 0.34105 |
| 503471.98 | 3635375.90 | 0.33868 | 503521.98 | 3635375.90 | 0.33618 |
| 503571.98 | 3635375.90 | 0.33395 | 503621.98 | 3635375.90 | 0.33154 |
| 503671.98 | 3635375.90 | 0.33109 | 503721.98 | 3635375.90 | 0.33969 |
| 504371.98 | 3635375.90 | 0.28397 | 504421.98 | 3635375.90 | 0.28045 |
| 504471.98 | 3635375.90 | 0.27688 | 504521.98 | 3635375.90 | 0.27335 |
| 504571.98 | 3635375.90 | 0.26979 | 504621.98 | 3635375.90 | 0.26642 |
| 504671.98 | 3635375.90 | 0.26298 | 504721.98 | 3635375.90 | 0.25947 |
| 502721.98 | 3635425.90 | 0.35038 | 502771.98 | 3635425.90 | 0.35256 |
| 502821.98 | 3635425.90 | 0.35309 | 502871.98 | 3635425.90 | 0.35270 |
| 502921.98 | 3635425.90 | 0.35176 | 502971.98 | 3635425.90 | 0.34949 |
| 503021.98 | 3635425.90 | 0.34827 | 503071.98 | 3635425.90 | 0.34644 |

503121.98 3635425.90 0.34307 503171.98 3635425.90 0.34151
503221.98 3635425.90 0.33977 503271.98 3635425.90 0.33821
503321.98 3635425.90 0.33627 503371.98 3635425.90 0.33420
503421.98 3635425.90 0.33205 503471.98 3635425.90 0.32991
503521.98 3635425.90 0.32766 503571.98 3635425.90 0.32532
503621.98 3635425.90 0.32288 503671.98 3635425.90 0.32222
503721.98 3635425.90 0.32337 503771.98 3635425.90 0.32367
503821.98 3635425.90 0.32402 504371.98 3635425.90 0.27774
504421.98 3635425.90 0.27445 504471.98 3635425.90 0.27109
504521.98 3635425.90 0.26766 504571.98 3635425.90 0.26428
504621.98 3635425.90 0.26102 504671.98 3635425.90 0.25771
504721.98 3635425.90 0.25440 502721.98 3635475.90 0.34146
502771.98 3635475.90 0.34320 502821.98 3635475.90 0.34300
502871.98 3635475.90 0.34262 502921.98 3635475.90 0.34065
502971.98 3635475.90 0.34082 503021.98 3635475.90 0.33951
503071.98 3635475.90 0.33543 503121.98 3635475.90 0.33347
503171.98 3635475.90 0.33204 503221.98 3635475.90 0.33056
503271.98 3635475.90 0.32897 503321.98 3635475.90 0.32719
503371.98 3635475.90 0.32524 503421.98 3635475.90 0.32322
503471.98 3635475.90 0.32117 503521.98 3635475.90 0.31903
503571.98 3635475.90 0.31684 503621.98 3635475.90 0.31449
503671.98 3635475.90 0.31238 503721.98 3635475.90 0.31013
503771.98 3635475.90 0.31255 503821.98 3635475.90 0.30954
503871.98 3635475.90 0.30561 503921.98 3635475.90 0.30266
504371.98 3635475.90 0.27150 504421.98 3635475.90 0.26842

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                 INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         504671.98    3635475.90        0.25260                      504721.98
3635475.90        0.24951
         502221.98    3632975.90        7.85872                      502271.98
3632975.90        7.86500
         502321.98    3632975.90        7.86615                      502371.98
3632975.90        7.86428
         502421.98    3632975.90        7.84843                      502471.98
3632975.90        7.81551
         502521.98    3632975.90        7.71249                      502571.98
3632975.90        7.63913
         502621.98    3632975.90        7.56615                      502671.98
3632975.90        7.49699
         502721.98    3632975.90        7.42787                      502771.98
3632975.90        7.37561
         502821.98    3632975.90        7.40205                      502871.98
3632975.90        7.50550
         502921.98    3632975.90        7.39672                      502971.98

3632975.90 5.26127
503021.98 3632975.90 5.17757 503071.98
3632975.90 6.79003
503121.98 3632975.90 7.11635 503171.98
3632975.90 6.90896
503221.98 3632975.90 6.79236 503271.98
3632975.90 6.81010
503321.98 3632975.90 6.91402 503371.98
3632975.90 7.03008
503421.98 3632975.90 7.30261 503471.98
3632975.90 7.35415
503621.98 3632975.90 4.94592 503671.98
3632975.90 3.81709
503721.98 3632975.90 2.98653 503771.98
3632975.90 2.32498
503821.98 3632975.90 1.70316 503871.98
3632975.90 1.39086
503921.98 3632975.90 1.22864 503971.98
3632975.90 1.11573
504021.98 3632975.90 1.01479 504071.98
3632975.90 0.93954
504121.98 3632975.90 0.86168 504171.98
3632975.90 0.80394
504221.98 3632975.90 0.75094 504271.98
3632975.90 0.70527
504321.98 3632975.90 0.66329 504371.98
3632975.90 0.62013
504421.98 3632975.90 0.58388 504471.98
3632975.90 0.55207
504521.98 3632975.90 0.52418 504571.98
3632975.90 0.49713
504621.98 3632975.90 0.47119 504671.98
3632975.90 0.44791
504721.98 3632975.90 0.42715 504771.98
3632975.90 0.40766
504821.98 3632975.90 0.38760 504871.98
3632975.90 0.36982
504921.98 3632975.90 0.35449 504971.98
3632975.90 0.34012
505021.98 3632975.90 0.32595 505071.98
3632975.90 0.31365
505121.98 3632975.90 0.30416 505171.98
3632975.90 0.29736
505221.98 3632975.90 0.29141 502221.98
3633025.90 6.34951
502271.98 3633025.90 6.47592 502321.98
3633025.90 6.46538
502371.98 3633025.90 6.48239 502421.98
3633025.90 6.48799
502471.98 3633025.90 6.44421 502521.98

3633025.90        6.41170
         502571.98    3633025.90        6.37057                        502621.98
3633025.90        6.33530
         502671.98    3633025.90        6.27885                        502721.98
3633025.90        6.22035
         502771.98    3633025.90        6.17002                        502821.98
3633025.90        6.22457
         502871.98    3633025.90        6.21506                        502921.98
3633025.90        6.19724
         502971.98    3633025.90        4.57348                        503021.98
3633025.90        5.03803
         503071.98    3633025.90        6.01477                        503121.98
3633025.90        5.86844

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                 INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503171.98    3633025.90        5.74416                        503221.98
3633025.90        5.62401
         503271.98    3633025.90        5.61460                        503321.98
3633025.90        5.59665
         503371.98    3633025.90        5.63349                        503421.98
3633025.90        5.71564
         503471.98    3633025.90        5.55582                        503621.98
3633025.90        4.11415

503671.98 3633025.90 3.40411 503721.98
3633025.90 2.82507
503771.98 3633025.90 1.98480 503821.98
3633025.90 1.52227
503871.98 3633025.90 1.28817 503921.98
3633025.90 1.14946
503971.98 3633025.90 1.04653 504021.98
3633025.90 0.96038
504071.98 3633025.90 0.88656 504121.98
3633025.90 0.82432
504171.98 3633025.90 0.77214 504221.98
3633025.90 0.72756
504271.98 3633025.90 0.68659 504321.98
3633025.90 0.64892
504371.98 3633025.90 0.61016 504421.98
3633025.90 0.57694
504471.98 3633025.90 0.54782 504521.98
3633025.90 0.51919
504571.98 3633025.90 0.49284 504621.98
3633025.90 0.46884
504671.98 3633025.90 0.44720 504721.98
3633025.90 0.42741
504771.98 3633025.90 0.40916 504821.98
3633025.90 0.39084
504871.98 3633025.90 0.37571 504921.98
3633025.90 0.36126
504971.98 3633025.90 0.34625 505021.98
3633025.90 0.33080
505071.98 3633025.90 0.31809 505121.98
3633025.90 0.30876
505171.98 3633025.90 0.30251 505221.98
3633025.90 0.29914
502221.98 3633075.90 5.37317 502271.98
3633075.90 5.46444
502321.98 3633075.90 5.48379 502371.98
3633075.90 5.49384
502421.98 3633075.90 5.49696 502471.98
3633075.90 5.45840
502521.98 3633075.90 5.43994 502571.98
3633075.90 5.42801
502621.98 3633075.90 5.39800 502671.98
3633075.90 5.33906
502721.98 3633075.90 5.31879 502771.98
3633075.90 5.26693
502821.98 3633075.90 5.28824 502871.98
3633075.90 5.26417
502921.98 3633075.90 5.25016 502971.98
3633075.90 5.26256
503021.98 3633075.90 5.18181 503071.98
3633075.90 5.10729

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         503121.98    3633075.90        4.98054                      503171.98
3633075.90        4.87804
         503221.98    3633075.90        4.75440                      503271.98
3633075.90        4.73922
         503321.98    3633075.90        4.71103                      503371.98
3633075.90        4.68772
         503421.98    3633075.90        4.65954                      503471.98
3633075.90        4.48964
         503621.98    3633075.90        3.51916                      503671.98
3633075.90        2.95395
         503721.98    3633075.90        2.48142                      503771.98
3633075.90        1.78155
         503821.98    3633075.90        1.39246                      503871.98
3633075.90        1.19314
         503921.98    3633075.90        1.08257                      503971.98
3633075.90        0.99718
         504021.98    3633075.90        0.91390                      504071.98
3633075.90        0.84611
         504121.98    3633075.90        0.78907                      504171.98
3633075.90        0.74086
         504221.98    3633075.90        0.69952                      504271.98
3633075.90        0.66238
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 513
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 504321.98 | 3633075.90 | 0.62997 | 504371.98 | 3633075.90 | 0.59334 | |
| | 504421.98 | 3633075.90 | 0.56443 | 504471.98 | 3633075.90 | 0.53522 | |
| | 504521.98 | 3633075.90 | 0.50806 | 504571.98 | 3633075.90 | 0.48394 | |
| | 504621.98 | 3633075.90 | 0.46186 | 504671.98 | 3633075.90 | 0.44229 | |
| | 504721.98 | 3633075.90 | 0.42417 | 504771.98 | 3633075.90 | 0.40805 | |
| | 504821.98 | 3633075.90 | 0.39260 | 504871.98 | 3633075.90 | 0.37960 | |
| | 504921.98 | 3633075.90 | 0.36838 | 504971.98 | 3633075.90 | 0.35178 | |
| | 505021.98 | 3633075.90 | 0.33562 | 505071.98 | 3633075.90 | 0.32225 | |
| | 505121.98 | 3633075.90 | 0.31262 | 505171.98 | 3633075.90 | 0.30709 | |
| | 505221.98 | 3633075.90 | 0.30356 | 502221.98 | 3633125.90 | 4.65229 | |
| | 502271.98 | 3633125.90 | 4.69756 | 502321.98 | 3633125.90 | 4.72098 | |
| | 502371.98 | 3633125.90 | 4.73262 | 502421.98 | 3633125.90 | 4.74158 | |
| | 502471.98 | 3633125.90 | 4.72643 | 502521.98 | 3633125.90 | 4.71282 | |
| | 502571.98 | 3633125.90 | 4.69390 | 502621.98 | 3633125.90 | 4.66852 | |
| | 502671.98 | 3633125.90 | 4.64906 | 502721.98 | 3633125.90 | 4.61103 | |
| | 502771.98 | 3633125.90 | 4.59580 | 502821.98 | 3633125.90 | 4.55777 | |
| | 502871.98 | 3633125.90 | 4.55452 | 502921.98 | 3633125.90 | 4.51377 | |
| | 502971.98 | 3633125.90 | 4.50355 | 503021.98 | 3633125.90 | 4.46908 | |
| | 503071.98 | 3633125.90 | 4.38652 | 503121.98 | 3633125.90 | 4.29904 | |
| | 503171.98 | 3633125.90 | 4.20186 | 503221.98 | 3633125.90 | 4.11871 | |
| | 503271.98 | 3633125.90 | 4.06862 | 503321.98 | 3633125.90 | 4.00137 | |
| | 503371.98 | 3633125.90 | 3.97783 | 503421.98 | 3633125.90 | 3.92906 | |
| | 503471.98 | 3633125.90 | 3.77668 | 503621.98 | 3633125.90 | 3.05509 | |
| | 503671.98 | 3633125.90 | 2.54430 | 503721.98 | 3633125.90 | 2.17011 | |
| | 503771.98 | 3633125.90 | 1.56765 | 503821.98 | | | |

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3633125.90        1.28741
         503871.98    3633125.90        1.12463                        503921.98
3633125.90        1.02666
         503971.98    3633125.90        0.94920                        504021.98
3633125.90        0.86748
         504071.98    3633125.90        0.80948                        504121.98
3633125.90        0.75998
         504171.98    3633125.90        0.71544                        504221.98
3633125.90        0.67592
         504271.98    3633125.90        0.64172                        504321.98
3633125.90        0.60893
         504371.98    3633125.90        0.57778                        504421.98
3633125.90        0.55017
         504471.98    3633125.90        0.52052                        504521.98
3633125.90        0.49409
         504571.98    3633125.90        0.47126                        504621.98
3633125.90        0.45190
         504671.98    3633125.90        0.43472                        504721.98
3633125.90        0.41829
         504771.98    3633125.90        0.40363                        504821.98
3633125.90        0.39030
         504871.98    3633125.90        0.38056                        504921.98
3633125.90        0.37493
         504971.98    3633125.90        0.35773                        505021.98
3633125.90        0.33906
         505071.98    3633125.90        0.32348                        505121.98
3633125.90        0.31454
         505171.98    3633125.90        0.30953                        505221.98
3633125.90        0.30789
         502221.98    3633175.90        4.05742                        502271.98
3633175.90        4.08707
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 514
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 4.11116 | 502371.98 | 3633175.90 | 4.15031 |
| 502421.98 | 3633175.90 | 4.16962 | 502471.98 | 3633175.90 | 4.15788 |
| 502521.98 | 3633175.90 | 4.15186 | 502571.98 | 3633175.90 | 4.14289 |
| 502621.98 | 3633175.90 | 4.12575 | 502671.98 | 3633175.90 | 4.11305 |
| 502721.98 | 3633175.90 | 4.11207 | 502771.98 | 3633175.90 | 4.08946 |
| 502821.98 | 3633175.90 | 4.06437 | 502871.98 | 3633175.90 | 3.99389 |
| 502921.98 | 3633175.90 | 3.96246 | 502971.98 | 3633175.90 | 3.91138 |
| 503021.98 | 3633175.90 | 3.87282 | 503071.98 | 3633175.90 | 3.80805 |
| 503121.98 | 3633175.90 | 3.75698 | 503171.98 | 3633175.90 | 3.67355 |
| 503221.98 | 3633175.90 | 3.62678 | 503271.98 | 3633175.90 | 3.57358 |
| 503321.98 | 3633175.90 | 3.49848 | 503371.98 | 3633175.90 | 3.46062 |
| 503421.98 | 3633175.90 | 3.38979 | 503471.98 | 3633175.90 | 3.26066 |
| 503621.98 | 3633175.90 | 2.57442 | 503671.98 | 3633175.90 | 2.28847 |
| 503721.98 | 3633175.90 | 1.81656 | 503771.98 | 3633175.90 | 1.40808 |
| 503821.98 | 3633175.90 | 1.19848 | 503871.98 | 3633175.90 | 1.06344 |
| 503921.98 | 3633175.90 | 0.97939 | 503971.98 | 3633175.90 | 0.90634 |
| 504021.98 | 3633175.90 | 0.82880 | 504071.98 | 3633175.90 | 0.77693 |
| 504121.98 | 3633175.90 | 0.73460 | 504171.98 | 3633175.90 | 0.69874 |
| 504221.98 | 3633175.90 | 0.65940 | 504271.98 | 3633175.90 | 0.62436 |
| 504321.98 | 3633175.90 | 0.59265 | 504371.98 | 3633175.90 | 0.56987 |

```
         504421.98    3633175.90        0.53712                        504471.98
3633175.90        0.50566
         504521.98    3633175.90        0.47915                        504571.98
3633175.90        0.45764
         504621.98    3633175.90        0.44105                        504671.98
3633175.90        0.42667
         504721.98    3633175.90        0.41191                        504771.98
3633175.90        0.39838
         504821.98    3633175.90        0.38593                        504871.98
3633175.90        0.37887
         504921.98    3633175.90        0.37805                        504971.98
3633175.90        0.35692
         505021.98    3633175.90        0.33671                        505071.98
3633175.90        0.32299
         505121.98    3633175.90        0.31480                        505171.98
3633175.90        0.30983
         505221.98    3633175.90        0.30748                        502221.98
3633225.90        3.58643
         502271.98    3633225.90        3.62382                        502321.98
3633225.90        3.64435
         502371.98    3633225.90        3.68218                        502421.98
3633225.90        3.69573
         502471.98    3633225.90        3.68061                        502521.98
3633225.90        3.68315
         502571.98    3633225.90        3.67479                        502621.98
3633225.90        3.66790
         502671.98    3633225.90        3.65618                        502721.98
3633225.90        3.66057
         502771.98    3633225.90        3.62816                        502821.98
3633225.90        3.60688
         502871.98    3633225.90        3.56927                        502921.98
3633225.90        3.52105
         502971.98    3633225.90        3.47088                        503021.98
3633225.90        3.42922
         503071.98    3633225.90        3.37424                        503121.98
3633225.90        3.31269
         503171.98    3633225.90        3.26292                        503221.98
3633225.90        3.21520
         503271.98    3633225.90        3.15972                        503321.98
3633225.90        3.10620
```



*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***

INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 3.06514 | 503421.98 | 3633225.90 | 2.97892 |
| 503471.98 | 3633225.90 | 2.86851 | 503621.98 | 3633225.90 | 2.35309 |
| 503671.98 | 3633225.90 | 2.02950 | 503721.98 | 3633225.90 | 1.59657 |
| 503771.98 | 3633225.90 | 1.31503 | 503821.98 | 3633225.90 | 1.12528 |
| 503871.98 | 3633225.90 | 1.01870 | 503921.98 | 3633225.90 | 0.93606 |
| 503971.98 | 3633225.90 | 0.86921 | 504021.98 | 3633225.90 | 0.80581 |
| 504071.98 | 3633225.90 | 0.75820 | 504121.98 | 3633225.90 | 0.72120 |
| 504171.98 | 3633225.90 | 0.68583 | 504221.98 | 3633225.90 | 0.63722 |
| 504271.98 | 3633225.90 | 0.60494 | 504321.98 | 3633225.90 | 0.58479 |
| 504371.98 | 3633225.90 | 0.56365 | 504421.98 | 3633225.90 | 0.52624 |
| 504471.98 | 3633225.90 | 0.49419 | 504521.98 | 3633225.90 | 0.46740 |
| 504571.98 | 3633225.90 | 0.44701 | 504621.98 | 3633225.90 | 0.43213 |
| 504671.98 | 3633225.90 | 0.42147 | 504721.98 | 3633225.90 | 0.40889 |
| 504771.98 | 3633225.90 | 0.39420 | 504821.98 | 3633225.90 | 0.38658 |
| 504871.98 | 3633225.90 | 0.37840 | 504921.98 | 3633225.90 | 0.37695 |
| 504971.98 | 3633225.90 | 0.35613 | 505021.98 | | |

```
3633225.90        0.33633
         505071.98    3633225.90        0.32449                    505121.98
3633225.90        0.31473
         505171.98    3633225.90        0.30528                    505221.98
3633225.90        0.30256
         502221.98    3633275.90        3.19529                    502271.98
3633275.90        3.22885
         502321.98    3633275.90        3.26403                    502371.98
3633275.90        3.28876
         502421.98    3633275.90        3.29706                    502471.98
3633275.90        3.30094
         502521.98    3633275.90        3.30138                    502571.98
3633275.90        3.29504
         502621.98    3633275.90        3.29088                    502671.98
3633275.90        3.27902
         502721.98    3633275.90        3.26385                    502771.98
3633275.90        3.25670
         502821.98    3633275.90        3.26579                    502871.98
3633275.90        3.20696
         502921.98    3633275.90        3.15729                    502971.98
3633275.90        3.11410
         503021.98    3633275.90        3.07839                    503071.98
3633275.90        3.02450
         503121.98    3633275.90        2.96422                    503171.98
3633275.90        2.91535
         503221.98    3633275.90        2.87163                    503271.98
3633275.90        2.83945
         503321.98    3633275.90        2.77790                    503371.98
3633275.90        2.73049
         503421.98    3633275.90        2.65571                    503471.98
3633275.90        2.41714
         503621.98    3633275.90        2.02399                    503671.98
3633275.90        1.76677
         503721.98    3633275.90        1.41646                    503771.98
3633275.90        1.20477
         503821.98    3633275.90        1.05583                    503871.98
3633275.90        0.97294
         503921.98    3633275.90        0.90856                    503971.98
3633275.90        0.86704
         504021.98    3633275.90        0.80566                    504071.98
3633275.90        0.74935
         504121.98    3633275.90        0.71928                    504171.98
3633275.90        0.66978
         504221.98    3633275.90        0.62229                    504271.98
3633275.90        0.59279
         504321.98    3633275.90        0.58141                    504371.98
3633275.90        0.56845
         504421.98    3633275.90        0.52576                    504471.98
3633275.90        0.48836
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502571.98    3633325.90        2.97245                    502621.98
3633325.90        2.96904
         502671.98    3633325.90        2.95974                    502721.98
3633325.90        2.94745
         502771.98    3633325.90        2.94818                    502821.98
3633325.90        2.92731
         502871.98    3633325.90        2.88149                    502921.98
3633325.90        2.84870
         502971.98    3633325.90        2.81472                    503021.98
3633325.90        2.77697
         503071.98    3633325.90        2.72845                    503121.98
3633325.90        2.67656
         503171.98    3633325.90        2.62685                    503221.98
3633325.90        2.57721
         503271.98    3633325.90        2.56590                    503321.98
3633325.90        2.51039
         503371.98    3633325.90        2.46311                    503421.98
3633325.90        2.39321
         503471.98    3633325.90        1.92480                    503621.98
3633325.90        1.74392
         503671.98    3633325.90        1.53337                    503721.98
3633325.90        1.25652
         503771.98    3633325.90        1.12532                    503821.98
3633325.90        1.00946
         503871.98    3633325.90        0.93362                    503921.98
3633325.90        0.90499
         503971.98    3633325.90        0.89145                    504021.98
3633325.90        0.82043
         504071.98    3633325.90        0.75213                    504121.98
3633325.90        0.73155
         504171.98    3633325.90        0.66028                    504221.98
3633325.90        0.60911
         504271.98    3633325.90        0.59017                    504321.98
3633325.90        0.59361
         504371.98    3633325.90        0.58049                    504421.98
3633325.90        0.52961
         504471.98    3633325.90        0.48668                    504521.98
3633325.90        0.45523
         504571.98    3633325.90        0.43821                    504621.98
3633325.90        0.42891
         504671.98    3633325.90        0.42428                    504721.98
3633325.90        0.40573
         504771.98    3633325.90        0.38130                    504821.98
3633325.90        0.37267
         504871.98    3633325.90        0.38119                    504921.98
3633325.90        0.38138
         504971.98    3633325.90        0.36297                    505021.98
3633325.90        0.34743
         505071.98    3633325.90        0.33751                    505121.98
3633325.90        0.31489
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 2.69613 | 502571.98 | 3633375.90 | 2.69675 |
| 502621.98 | 3633375.90 | 2.69356 | 502671.98 | 3633375.90 | 2.68673 |
| 502721.98 | 3633375.90 | 2.67675 | 502771.98 | 3633375.90 | 2.66234 |
| 502821.98 | 3633375.90 | 2.64260 | 502871.98 | 3633375.90 | 2.61506 |
| 502921.98 | 3633375.90 | 2.58768 | 502971.98 | 3633375.90 | 2.55633 |
| 503021.98 | 3633375.90 | 2.52212 | 503071.98 | 3633375.90 | 2.47896 |
| 503121.98 | 3633375.90 | 2.43363 | 503171.98 | | |

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3633375.90        2.38694
         503221.98    3633375.90        2.34306                    503271.98
3633375.90        2.29237
         503321.98    3633375.90        2.25635                    503371.98
3633375.90        2.23579
         503421.98    3633375.90        2.16589                    503471.98
3633375.90        2.04813
         503621.98    3633375.90        1.70581                    503671.98
3633375.90        1.45543
         503721.98    3633375.90        1.21386                    503771.98
3633375.90        1.10083
         503821.98    3633375.90        1.02892                    503871.98
3633375.90        0.93606
         503921.98    3633375.90        0.92321                    503971.98
3633375.90        0.93047
         504021.98    3633375.90        0.84018                    504071.98
3633375.90        0.76364
         504121.98    3633375.90        0.74960                    504171.98
3633375.90        0.65274
         504221.98    3633375.90        0.61372                    504271.98
3633375.90        0.61093
         504321.98    3633375.90        0.61976                    504371.98
3633375.90        0.60252
         504421.98    3633375.90        0.53588                    504471.98
3633375.90        0.48484
         504521.98    3633375.90        0.45155                    504571.98
3633375.90        0.44010
         504621.98    3633375.90        0.43406                    504671.98
3633375.90        0.43364
         504721.98    3633375.90        0.40730                    504771.98
3633375.90        0.38059
         504821.98    3633375.90        0.37562                    504871.98
3633375.90        0.39326
         504921.98    3633375.90        0.38691                    504971.98
3633375.90        0.37200
         505021.98    3633375.90        0.35624                    505071.98
3633375.90        0.33297
         505121.98    3633375.90        0.30944                    505171.98
3633375.90        0.29640
         505221.98    3633375.90        0.29909                    502221.98
3633425.90        2.37000
         502271.98    3633425.90        2.39176                    502321.98
3633425.90        2.40796
         502371.98    3633425.90        2.42342                    502421.98
3633425.90        2.43813
         502471.98    3633425.90        2.46116                    502521.98
3633425.90        2.46314
         502571.98    3633425.90        2.46102                    502621.98
3633425.90        2.45821
         502671.98    3633425.90        2.44730                    502721.98
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3633425.90        2.43527
         502771.98    3633425.90        2.42215                        502821.98
3633425.90        2.40353
         502871.98    3633425.90        2.38253                        502921.98
3633425.90        2.36214
         502971.98    3633425.90        2.33418                        503021.98
3633425.90        2.30011
         503071.98    3633425.90        2.26582                        503121.98
3633425.90        2.22119
         503171.98    3633425.90        2.18276                        503221.98
3633425.90        2.14172
         503271.98    3633425.90        2.09754                        503321.98
3633425.90        2.06695
         503371.98    3633425.90        2.05949                        503421.98
3633425.90        2.01096
         503471.98    3633425.90        1.95288                        503621.98
3633425.90        1.75356

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503671.98    3633425.90        1.52097                        503721.98
3633425.90        1.22313
         503771.98    3633425.90        1.09519                        503821.98
3633425.90        1.03113

503871.98 3633425.90 0.97156 503921.98 3633425.90 0.99236
503971.98 3633425.90 0.95936 504021.98 3633425.90 0.86030
504071.98 3633425.90 0.78786 504121.98 3633425.90 0.77749
504171.98 3633425.90 0.68072 504221.98 3633425.90 0.65818
504271.98 3633425.90 0.66876 504321.98 3633425.90 0.68237
504371.98 3633425.90 0.61327 504421.98 3633425.90 0.54136
504471.98 3633425.90 0.48848 504521.98 3633425.90 0.45226
504571.98 3633425.90 0.44527 504621.98 3633425.90 0.44749
504671.98 3633425.90 0.44144 504721.98 3633425.90 0.42364
504771.98 3633425.90 0.39708 504821.98 3633425.90 0.38150
504871.98 3633425.90 0.40295 504921.98 3633425.90 0.38924
504971.98 3633425.90 0.37039 505021.98 3633425.90 0.33834
505071.98 3633425.90 0.31653 505121.98 3633425.90 0.30222
505171.98 3633425.90 0.29555 505221.98 3633425.90 0.30230
502221.98 3633475.90 2.16756 502271.98 3633475.90 2.18659
502321.98 3633475.90 2.20341 502371.98 3633475.90 2.21875
502421.98 3633475.90 2.23300 502471.98 3633475.90 2.25731
502521.98 3633475.90 2.25227 502571.98 3633475.90 2.25085
502621.98 3633475.90 2.24997 502671.98 3633475.90 2.24063
504771.98 3633475.90 0.43454 504821.98 3633475.90 0.42423
504871.98 3633475.90 0.41090 504921.98 3633475.90 0.39881
504971.98 3633475.90 0.36833 505021.98 3633475.90 0.33083
505071.98 3633475.90 0.31137 505121.98 3633475.90 0.30009
505171.98 3633475.90 0.29362 505221.98 3633475.90 0.29918
502221.98 3633525.90 1.99732 502271.98 3633525.90 2.01436

```
         502321.98    3633525.90        2.02833                       502371.98
3633525.90        2.04708
         502421.98    3633525.90        2.06323                       502471.98
3633525.90        2.07885
         502521.98    3633525.90        2.07056                       502571.98
3633525.90        2.06004
         502621.98    3633525.90        2.06011                       502671.98
3633525.90        2.05460
         504771.98    3633525.90        0.43160                       504821.98
3633525.90        0.41470
         504871.98    3633525.90        0.40248                       504921.98
3633525.90        0.39273
         504971.98    3633525.90        0.38215                       505021.98
3633525.90        0.34939
         505071.98    3633525.90        0.31779                       505121.98
3633525.90        0.29796
         505171.98    3633525.90        0.29212                       505221.98
3633525.90        0.29487
         502221.98    3633575.90        1.85767                       502271.98
3633575.90        1.86015
         502321.98    3633575.90        1.87275                       502371.98
3633575.90        1.89122
         502421.98    3633575.90        1.90300                       502471.98
3633575.90        1.90671
         502521.98    3633575.90        1.90595                       502571.98
3633575.90        1.90367
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 519
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 1.90116 | 502671.98 | 3633575.90 | 1.89584 |
| 504771.98 | 3633575.90 | 0.42169 | 504821.98 | 3633575.90 | 0.40961 |
| 504871.98 | 3633575.90 | 0.40018 | 504921.98 | 3633575.90 | 0.38460 |
| 504971.98 | 3633575.90 | 0.38146 | 505021.98 | 3633575.90 | 0.36480 |
| 505071.98 | 3633575.90 | 0.33038 | 505121.98 | 3633575.90 | 0.30225 |
| 505171.98 | 3633575.90 | 0.29394 | 505221.98 | 3633575.90 | 0.29975 |
| 502221.98 | 3633625.90 | 1.72854 | 502271.98 | 3633625.90 | 1.72170 |
| 502321.98 | 3633625.90 | 1.73862 | 502371.98 | 3633625.90 | 1.75219 |
| 502421.98 | 3633625.90 | 1.76526 | 502471.98 | 3633625.90 | 1.76469 |
| 502521.98 | 3633625.90 | 1.77261 | 502571.98 | 3633625.90 | 1.77217 |
| 502621.98 | 3633625.90 | 1.76967 | 502671.98 | 3633625.90 | 1.76212 |
| 504771.98 | 3633625.90 | 0.41274 | 504821.98 | 3633625.90 | 0.41985 |
| 504871.98 | 3633625.90 | 0.39915 | 504921.98 | 3633625.90 | 0.38630 |
| 504971.98 | 3633625.90 | 0.38359 | 505021.98 | 3633625.90 | 0.37109 |
| 505071.98 | 3633625.90 | 0.33538 | 505121.98 | 3633625.90 | 0.30913 |
| 505171.98 | 3633625.90 | 0.29702 | 505221.98 | 3633625.90 | 0.30383 |
| 502221.98 | 3633675.90 | 1.59781 | 502271.98 | 3633675.90 | 1.59859 |
| 502321.98 | 3633675.90 | 1.61412 | 502371.98 | 3633675.90 | 1.62366 |
| 502421.98 | 3633675.90 | 1.63824 | 502471.98 | 3633675.90 | 1.64362 |
| 502521.98 | 3633675.90 | 1.64897 | 502571.98 | 3633675.90 | 1.64886 |
| 502621.98 | 3633675.90 | 1.64568 | 502671.98 | 3633675.90 | 1.63921 |
| 504771.98 | 3633675.90 | 0.42432 | 504821.98 | 3633675.90 | 0.41899 |
| 504871.98 | 3633675.90 | 0.41042 | 504921.98 | | |

```
3633675.90        0.40101
         504971.98    3633675.90        0.39000                        505021.98
3633675.90        0.37398
         505071.98    3633675.90        0.33720                        505121.98
3633675.90        0.30569
         505171.98    3633675.90        0.29605                        505221.98
3633675.90        0.30240
         502221.98    3633725.90        1.48475                        502271.98
3633725.90        1.48888
         502321.98    3633725.90        1.50543                        502371.98
3633725.90        1.51659
         502421.98    3633725.90        1.52602                        502471.98
3633725.90        1.53265
         502521.98    3633725.90        1.53692                        502571.98
3633725.90        1.53806
         502621.98    3633725.90        1.53608                        502671.98
3633725.90        1.53000
         504771.98    3633725.90        0.45377                        504821.98
3633725.90        0.42833
         504871.98    3633725.90        0.41985                        504921.98
3633725.90        0.40463
         504971.98    3633725.90        0.38811                        505021.98
3633725.90        0.36484
         505071.98    3633725.90        0.32539                        505121.98
3633725.90        0.29825
         505171.98    3633725.90        0.29703                        505221.98
3633725.90        0.30013
         502221.98    3633775.90        1.38679                        502271.98
3633775.90        1.39162
         502321.98    3633775.90        1.41202                        502371.98
3633775.90        1.42044
         502421.98    3633775.90        1.43025                        502471.98
3633775.90        1.43186
         502521.98    3633775.90        1.43651                        502571.98
3633775.90        1.43835
```



*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW   ***

INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
L0000773    , L0000774    , L0000775    , L0000776    , L0000777

, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502421.98    3633875.90        1.25645                        502471.98
3633875.90        1.25816
         502521.98    3633875.90        1.26322                        502571.98
3633875.90        1.26653
         502621.98    3633875.90        1.26641                        502671.98
3633875.90        1.26213
         504771.98    3633875.90        0.46412                        504821.98
3633875.90        0.43038
         504871.98    3633875.90        0.38206                        504921.98
3633875.90        0.35455
         504971.98    3633875.90        0.33446                        505021.98
3633875.90        0.31751
         505071.98    3633875.90        0.31045                        505121.98
3633875.90        0.29488
         505171.98    3633875.90        0.29406                        505221.98
3633875.90        0.29550
         502221.98    3633925.90        1.15125                        502271.98
3633925.90        1.15942
         502321.98    3633925.90        1.17041                        502371.98
3633925.90        1.17411
         502421.98    3633925.90        1.18371                        502471.98
3633925.90        1.18590
         502521.98    3633925.90        1.18949                        502571.98
3633925.90        1.19144
         502621.98    3633925.90        1.19150                        502671.98
3633925.90        1.18796
         504771.98    3633925.90        0.45243                        504821.98
3633925.90        0.41926
         504871.98    3633925.90        0.38692                        504921.98
3633925.90        0.34661
         504971.98    3633925.90        0.31720                        505021.98
3633925.90        0.30732
         505071.98    3633925.90        0.30028                        505121.98
3633925.90        0.29502
         505171.98    3633925.90        0.29584                        505221.98
3633925.90        0.29542
         502221.98    3633975.90        1.08765                        502271.98
3633975.90        1.09122
         502321.98    3633975.90        1.10044                        502371.98
3633975.90        1.10958
         502421.98    3633975.90        1.11612                        502471.98
3633975.90        1.11965
         502521.98    3633975.90        1.12312                        502571.98
3633975.90        1.12363
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 1.12381 | 502671.98 | 3633975.90 | 1.12022 |
| 504771.98 | 3633975.90 | 0.43486 | 504821.98 | 3633975.90 | 0.41129 |
| 504871.98 | 3633975.90 | 0.39004 | 504921.98 | 3633975.90 | 0.35531 |
| 504971.98 | 3633975.90 | 0.31212 | 505021.98 | 3633975.90 | 0.29570 |
| 505071.98 | 3633975.90 | 0.28822 | 505121.98 | 3633975.90 | 0.29524 |
| 505171.98 | 3633975.90 | 0.29732 | 505221.98 | 3633975.90 | 0.29562 |
| 502221.98 | 3634025.90 | 1.02884 | 502271.98 | 3634025.90 | 1.03140 |
| 502321.98 | 3634025.90 | 1.03920 | 502371.98 | 3634025.90 | 1.04754 |
| 502421.98 | 3634025.90 | 1.05297 | 502471.98 | 3634025.90 | 1.05680 |
| 502521.98 | 3634025.90 | 1.05945 | 502571.98 | 3634025.90 | 1.06091 |
| 502621.98 | 3634025.90 | 1.06168 | 502671.98 | 3634025.90 | 1.05951 |
| 504771.98 | 3634025.90 | 0.41652 | 504821.98 | 3634025.90 | 0.40579 |
| 504871.98 | 3634025.90 | 0.37384 | 504921.98 | 3634025.90 | 0.33875 |
| 504971.98 | 3634025.90 | 0.29911 | 505021.98 | | |

3634025.90 0.28641
505071.98 3634025.90 0.28246 505121.98
3634025.90 0.29338
505171.98 3634025.90 0.29940 505221.98
3634025.90 0.29662
502221.98 3634075.90 0.97078 502271.98
3634075.90 0.97613
502321.98 3634075.90 0.98284 502371.98
3634075.90 0.98832
502421.98 3634075.90 0.99221 502471.98
3634075.90 0.99619
502521.98 3634075.90 1.00000 502571.98
3634075.90 1.00393
502621.98 3634075.90 1.00406 502671.98
3634075.90 1.00415
504771.98 3634075.90 0.40934 504821.98
3634075.90 0.39086
504871.98 3634075.90 0.34871 504921.98
3634075.90 0.31953
504971.98 3634075.90 0.29383 505021.98
3634075.90 0.28209
505071.98 3634075.90 0.28126 505121.98
3634075.90 0.29066
505171.98 3634075.90 0.29982 505221.98
3634075.90 0.29873
502221.98 3634125.90 0.91689 502271.98
3634125.90 0.92598
502321.98 3634125.90 0.93131 502371.98
3634125.90 0.93777
502421.98 3634125.90 0.94153 502471.98
3634125.90 0.94441
502521.98 3634125.90 0.94618 502571.98
3634125.90 0.94722
502621.98 3634125.90 0.95078 502671.98
3634125.90 0.95251
504771.98 3634125.90 0.37286 504821.98
3634125.90 0.35781
504871.98 3634125.90 0.33546 504921.98
3634125.90 0.30010
504971.98 3634125.90 0.29037 505021.98
3634125.90 0.28075
505071.98 3634125.90 0.28438 505121.98
3634125.90 0.29542
505171.98 3634125.90 0.30087 505221.98
3634125.90 0.30014
502221.98 3634175.90 0.86603 502271.98
3634175.90 0.87393
502321.98 3634175.90 0.87907 502371.98
3634175.90 0.89255
502421.98 3634175.90 0.89601 502471.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634175.90        0.89964                       502671.98
3634175.90        0.90013
         504771.98    3634175.90        0.33235                       504821.98
3634175.90        0.31612
         504871.98    3634175.90        0.30364                       504921.98
3634175.90        0.29523
         504971.98    3634175.90        0.28764                       505021.98
3634175.90        0.28618
         505071.98    3634175.90        0.28045                       505121.98
3634175.90        0.29526
         505171.98    3634175.90        0.29971                       505221.98
3634175.90        0.30258
         502221.98    3634225.90        0.82449                       502271.98
3634225.90        0.82996
         502321.98    3634225.90        0.83940                       502371.98
3634225.90        0.84883
         502421.98    3634225.90        0.85313                       502471.98
3634225.90        0.85549

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         502521.98    3634225.90        0.85573                    502571.98
3634225.90        0.85666
         502621.98    3634225.90        0.85607                    502671.98
3634225.90        0.85539
         504771.98    3634225.90        0.30250                    504821.98
3634225.90        0.29086
         504871.98    3634225.90        0.29446                    504921.98
3634225.90        0.28929
         504971.98    3634225.90        0.29748                    505021.98
3634225.90        0.28922
         505071.98    3634225.90        0.28188                    505121.98
3634225.90        0.29055
         505171.98    3634225.90        0.28505                    505221.98
3634225.90        0.29683
         502221.98    3634275.90        0.78631                    502271.98
3634275.90        0.79150
         502321.98    3634275.90        0.79863                    502371.98
3634275.90        0.80814
         502421.98    3634275.90        0.81182                    502471.98
3634275.90        0.81399
         502521.98    3634275.90        0.81552                    502571.98
3634275.90        0.81586
         502621.98    3634275.90        0.81623                    502671.98
3634275.90        0.81558
         504771.98    3634275.90        0.29058                    504821.98
3634275.90        0.28726
         504871.98    3634275.90        0.29012                    504921.98
3634275.90        0.29500
         504971.98    3634275.90        0.30906                    505021.98
3634275.90        0.29137
         505071.98    3634275.90        0.28409                    505121.98
3634275.90        0.29161
         505171.98    3634275.90        0.27718                    505221.98
3634275.90        0.29011
         502221.98    3634325.90        0.75180                    502271.98
3634325.90        0.75761
         502321.98    3634325.90        0.76215                    502371.98
3634325.90        0.76609
         502421.98    3634325.90        0.76906                    502471.98
3634325.90        0.77083
         502521.98    3634325.90        0.77228                    502571.98
3634325.90        0.77286
         502621.98    3634325.90        0.77267                    502671.98
3634325.90        0.77237
         504771.98    3634325.90        0.29497                    504821.98
3634325.90        0.30341
         504871.98    3634325.90        0.30565                    504921.98
3634325.90        0.31349
         504971.98    3634325.90        0.31764                    505021.98
3634325.90        0.29236
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         505071.98    3634325.90        0.28467                       505121.98
3634325.90        0.29651
         505171.98    3634325.90        0.28189                       505221.98
3634325.90        0.28242
         502221.98    3634375.90        0.72093                       502271.98
3634375.90        0.72616
         502321.98    3634375.90        0.72850                       502371.98
3634375.90        0.73063
         502421.98    3634375.90        0.73524                       502471.98
3634375.90        0.73905
         502521.98    3634375.90        0.74286                       502571.98
3634375.90        0.74353
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 523
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634375.90        0.74100                       502671.98
3634375.90        0.73672
         504771.98    3634375.90        0.30536                       504821.98
3634375.90        0.32458
         504871.98    3634375.90        0.32453                       504921.98
3634375.90        0.32982
         504971.98    3634375.90        0.32160                       505021.98
3634375.90        0.29473
         505071.98    3634375.90        0.28988                       505121.98
```

3634375.90 0.30259
505171.98 3634375.90 0.28994 505221.98
3634375.90 0.28102
502221.98 3634425.90 0.69343 502271.98
3634425.90 0.69850
502321.98 3634425.90 0.70210 502371.98
3634425.90 0.70511
502421.98 3634425.90 0.70787 502471.98
3634425.90 0.70919
502521.98 3634425.90 0.71075 502571.98
3634425.90 0.71120
502621.98 3634425.90 0.71114 502671.98
3634425.90 0.71014
504771.98 3634425.90 0.30789 504821.98
3634425.90 0.32348
504871.98 3634425.90 0.34376 504921.98
3634425.90 0.34946
504971.98 3634425.90 0.32721 505021.98
3634425.90 0.31457
505071.98 3634425.90 0.31423 505121.98
3634425.90 0.30989
505171.98 3634425.90 0.29701 505221.98
3634425.90 0.28530
502221.98 3634475.90 0.66445 502271.98
3634475.90 0.66882
502321.98 3634475.90 0.67239 502371.98
3634475.90 0.67536
502421.98 3634475.90 0.67769 502471.98
3634475.90 0.67912
502521.98 3634475.90 0.68067 502571.98
3634475.90 0.68122
502621.98 3634475.90 0.68109 502671.98
3634475.90 0.68042
504771.98 3634475.90 0.31432 504821.98
3634475.90 0.31544
504871.98 3634475.90 0.33877 504921.98
3634475.90 0.35521
504971.98 3634475.90 0.34288 505021.98
3634475.90 0.33281
505071.98 3634475.90 0.32568 505121.98
3634475.90 0.31521
505171.98 3634475.90 0.30279 505221.98
3634475.90 0.29078
502221.98 3634525.90 0.63743 502271.98
3634525.90 0.64108
502321.98 3634525.90 0.64435 502371.98
3634525.90 0.64723
502421.98 3634525.90 0.64932 502471.98
3634525.90 0.65100
502521.98 3634525.90 0.65199 502571.98

3634525.90        0.65276
         502621.98    3634525.90        0.65286                        502671.98
3634525.90        0.65316
         504771.98    3634525.90        0.34241                        504821.98
3634525.90        0.32887
         504871.98    3634525.90        0.34449                        504921.98
3634525.90        0.35162
         504971.98    3634525.90        0.34119                        505021.98
3634525.90        0.33376
         505071.98    3634525.90        0.32610                        505121.98
3634525.90        0.31619
         505171.98    3634525.90        0.30326                        505221.98
3634525.90        0.28904
         502221.98    3634575.90        0.61298                        502271.98
3634575.90        0.61522
         502321.98    3634575.90        0.61798                        502371.98
3634575.90        0.62056
         502421.98    3634575.90        0.62272                        502471.98
3634575.90        0.62446
         502521.98    3634575.90        0.62548                        502571.98
3634575.90        0.62613

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                 INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         502621.98    3634575.90        0.62634                    502671.98
3634575.90        0.62651
         504771.98    3634575.90        0.37233                    504821.98
3634575.90        0.36073
         504871.98    3634575.90        0.35482                    504921.98
3634575.90        0.33807
         504971.98    3634575.90        0.33135                    505021.98
3634575.90        0.32786
         505071.98    3634575.90        0.32155                    505121.98
3634575.90        0.31307
         505171.98    3634575.90        0.29437                    505221.98
3634575.90        0.28037
         502221.98    3634625.90        0.58911                    502271.98
3634625.90        0.59204
         502321.98    3634625.90        0.59336                    502371.98
3634625.90        0.59566
         502421.98    3634625.90        0.59756                    502471.98
3634625.90        0.59919
         502521.98    3634625.90        0.60105                    502571.98
3634625.90        0.60162
         502621.98    3634625.90        0.60186                    502671.98
3634625.90        0.60144
         504771.98    3634625.90        0.35331                    504821.98
3634625.90        0.34347
         504871.98    3634625.90        0.33641                    504921.98
3634625.90        0.32971
         504971.98    3634625.90        0.32518                    505021.98
3634625.90        0.32262
         505071.98    3634625.90        0.31723                    505121.98
3634625.90        0.30808
         505171.98    3634625.90        0.28434                    505221.98
3634625.90        0.26814
         502221.98    3634675.90        0.56587                    502271.98
3634675.90        0.56964
         502321.98    3634675.90        0.57240                    502371.98
3634675.90        0.57423
         502421.98    3634675.90        0.57607                    502471.98
3634675.90        0.57743
         502521.98    3634675.90        0.57830                    502571.98
3634675.90        0.57898
         502621.98    3634675.90        0.57913                    502671.98
3634675.90        0.57841
         504771.98    3634675.90        0.34126                    504821.98
3634675.90        0.33464
         504871.98    3634675.90        0.32989                    504921.98
3634675.90        0.32341
         504971.98    3634675.90        0.31743                    505021.98
3634675.90        0.31744
         505071.98    3634675.90        0.31202                    505121.98
3634675.90        0.30238
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         505171.98    3634675.90        0.28260                      505221.98
3634675.90        0.26451
         502221.98    3634725.90        0.54458                      502271.98
3634725.90        0.54779
         502321.98    3634725.90        0.54946                      502371.98
3634725.90        0.55150
         502421.98    3634725.90        0.55402                      502471.98
3634725.90        0.55551
         502521.98    3634725.90        0.55612                      502571.98
3634725.90        0.55700
         502621.98    3634725.90        0.55706                      502671.98
3634725.90        0.55704
         504771.98    3634725.90        0.33393                      504821.98
3634725.90        0.32756
         504871.98    3634725.90        0.32206                      504921.98
3634725.90        0.31737
         504971.98    3634725.90        0.31424                      505021.98
3634725.90        0.31590
         505071.98    3634725.90        0.30581                      505121.98
3634725.90        0.29411
         505171.98    3634725.90        0.27030                      505221.98
3634725.90        0.25856
         502221.98    3634775.90        0.52560                      502271.98
3634775.90        0.52864
         502321.98    3634775.90        0.52927                      502371.98
3634775.90        0.53082
         502421.98    3634775.90        0.53221                      502471.98
3634775.90        0.53366
         502521.98    3634775.90        0.53581                      502571.98
3634775.90        0.53614
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 525
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 0.53633 | 502671.98 | 3634775.90 | 0.53634 |
| 504771.98 | 3634775.90 | 0.32679 | 504821.98 | 3634775.90 | 0.32119 |
| 504871.98 | 3634775.90 | 0.31571 | 504921.98 | 3634775.90 | 0.31245 |
| 504971.98 | 3634775.90 | 0.31719 | 505021.98 | 3634775.90 | 0.30797 |
| 505071.98 | 3634775.90 | 0.29847 | 505121.98 | 3634775.90 | 0.28799 |
| 505171.98 | 3634775.90 | 0.26172 | 505221.98 | 3634775.90 | 0.24620 |
| 502221.98 | 3634825.90 | 0.50727 | 502271.98 | 3634825.90 | 0.50984 |
| 502321.98 | 3634825.90 | 0.51146 | 502371.98 | 3634825.90 | 0.51304 |
| 502421.98 | 3634825.90 | 0.51376 | 502471.98 | 3634825.90 | 0.51403 |
| 502521.98 | 3634825.90 | 0.51630 | 502571.98 | 3634825.90 | 0.51703 |
| 502621.98 | 3634825.90 | 0.51712 | 502671.98 | 3634825.90 | 0.51676 |
| 504771.98 | 3634825.90 | 0.31984 | 504821.98 | 3634825.90 | 0.31482 |
| 504871.98 | 3634825.90 | 0.31066 | 504921.98 | 3634825.90 | 0.31201 |
| 504971.98 | 3634825.90 | 0.31094 | 505021.98 | 3634825.90 | 0.28355 |
| 505071.98 | 3634825.90 | 0.27862 | 505121.98 | 3634825.90 | 0.27250 |
| 505171.98 | 3634825.90 | 0.24989 | 505221.98 | 3634825.90 | 0.23662 |
| 502221.98 | 3634875.90 | 0.49066 | 502271.98 | 3634875.90 | 0.49169 |
| 502321.98 | 3634875.90 | 0.49340 | 502371.98 | 3634875.90 | 0.49512 |
| 502421.98 | 3634875.90 | 0.49639 | 502471.98 | 3634875.90 | 0.49732 |
| 502521.98 | 3634875.90 | 0.49798 | 502571.98 | 3634875.90 | 0.49844 |
| 502621.98 | 3634875.90 | 0.49864 | 502671.98 | | |

3634875.90        0.49856
         504771.98    3634875.90        0.31321                        504821.98
3634875.90        0.30805
         504871.98    3634875.90        0.30441                        504921.98
3634875.90        0.31064
         504971.98    3634875.90        0.30273                        505021.98
3634875.90        0.27069
         505071.98    3634875.90        0.24924                        505121.98
3634875.90        0.25066
         505171.98    3634875.90        0.23890                        505221.98
3634875.90        0.23341
         502221.98    3634925.90        0.47379                        502271.98
3634925.90        0.47479
         502321.98    3634925.90        0.47653                        502371.98
3634925.90        0.47795
         502421.98    3634925.90        0.47919                        502471.98
3634925.90        0.47979
         502521.98    3634925.90        0.48061                        502571.98
3634925.90        0.48101
         502621.98    3634925.90        0.48101                        502671.98
3634925.90        0.48112
         504771.98    3634925.90        0.30677                        504821.98
3634925.90        0.30195
         504871.98    3634925.90        0.29783                        504921.98
3634925.90        0.30177
         504971.98    3634925.90        0.30312                        505021.98
3634925.90        0.26878
         505071.98    3634925.90        0.24244                        505121.98
3634925.90        0.24189
         505171.98    3634925.90        0.23448                        505221.98
3634925.90        0.23217
         502221.98    3634975.90        0.45784                        502271.98
3634975.90        0.45891
         502321.98    3634975.90        0.46018                        502371.98
3634975.90        0.46159
         502421.98    3634975.90        0.46270                        502471.98
3634975.90        0.46342
         502521.98    3634975.90        0.46418                        502571.98
3634975.90        0.46442


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                 INCLUDING SOURCE(S):     L0000760    , L0000761

```
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3634975.90        0.46452                       502671.98
3634975.90        0.46442
         504821.98    3634975.90        0.29587                       504871.98
3634975.90        0.29140
         504921.98    3634975.90        0.29021                       504971.98
3634975.90        0.30058
         505021.98    3634975.90        0.27631                       505071.98
3634975.90        0.25240
         505121.98    3634975.90        0.25744                       505171.98
3634975.90        0.25035
         505221.98    3634975.90        0.24120                       502221.98
3635025.90        0.44272
         502271.98    3635025.90        0.44366                       502321.98
3635025.90        0.44504
         502371.98    3635025.90        0.44619                       502421.98
3635025.90        0.44739
         502471.98    3635025.90        0.44818                       502521.98
3635025.90        0.44883
         502571.98    3635025.90        0.44906                       502621.98
3635025.90        0.44912
         502671.98    3635025.90        0.44882                       504871.98
3635025.90        0.28557
         504921.98    3635025.90        0.28435                       504971.98
3635025.90        0.29499
         505021.98    3635025.90        0.28171                       505071.98
3635025.90        0.26759
         505121.98    3635025.90        0.27093                       505171.98
3635025.90        0.26542
         505221.98    3635025.90        0.25495                       502221.98
3635075.90        0.42795
         502271.98    3635075.90        0.42908                       502321.98
3635075.90        0.43094
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         502371.98    3635075.90        0.43197                    502421.98
3635075.90        0.43315
         502471.98    3635075.90        0.43396                    502521.98
3635075.90        0.43443
         502571.98    3635075.90        0.43455                    502621.98
3635075.90        0.43438
         502671.98    3635075.90        0.43421                    504921.98
3635075.90        0.27647
         504971.98    3635075.90        0.27637                    505021.98
3635075.90        0.28667
         505071.98    3635075.90        0.28026                    505121.98
3635075.90        0.27507
         505171.98    3635075.90        0.26699                    505221.98
3635075.90        0.26401
         502221.98    3635125.90        0.41450                    502271.98
3635125.90        0.41539
         502321.98    3635125.90        0.41720                    502371.98
3635125.90        0.41835
         502421.98    3635125.90        0.41936                    502471.98
3635125.90        0.42022
         502521.98    3635125.90        0.42058                    502571.98
3635125.90        0.42068
         502621.98    3635125.90        0.42063                    502671.98
3635125.90        0.42031
         505021.98    3635125.90        0.26647                    505071.98
3635125.90        0.26487
         505121.98    3635125.90        0.25711                    505171.98
3635125.90        0.25110
         505221.98    3635125.90        0.25287                    502221.98
3635175.90        0.40172
         502271.98    3635175.90        0.40261                    502321.98
3635175.90        0.40425
         502371.98    3635175.90        0.40544                    502421.98
3635175.90        0.40640
         502471.98    3635175.90        0.40716                    502521.98
3635175.90        0.40765
         502571.98    3635175.90        0.40770                    502621.98
3635175.90        0.40747
         502671.98    3635175.90        0.40730                    505121.98
3635175.90        0.24920
         505171.98    3635175.90        0.24537                    505221.98
3635175.90        0.24224
         502221.98    3635225.90        0.38940                    502271.98
3635225.90        0.39058
         502321.98    3635225.90        0.39179                    502371.98
3635225.90        0.39289
         502421.98    3635225.90        0.39380                    502471.98
3635225.90        0.39448
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 0.39488 | 502571.98 | 3635225.90 | 0.39504 |
| 502621.98 | 3635225.90 | 0.39508 | 502671.98 | 3635225.90 | 0.39480 |
| 502221.98 | 3635275.90 | 0.37795 | 502271.98 | 3635275.90 | 0.37883 |
| 502321.98 | 3635275.90 | 0.38020 | 502371.98 | 3635275.90 | 0.38123 |
| 502421.98 | 3635275.90 | 0.38200 | 502471.98 | 3635275.90 | 0.38264 |
| 502521.98 | 3635275.90 | 0.38323 | 502571.98 | 3635275.90 | 0.38325 |
| 502621.98 | 3635275.90 | 0.38324 | 502671.98 | 3635275.90 | 0.38310 |
| 502221.98 | 3635325.90 | 0.36683 | 502271.98 | 3635325.90 | 0.36773 |
| 502321.98 | 3635325.90 | 0.36895 | 502371.98 | 3635325.90 | 0.36997 |
| 502421.98 | 3635325.90 | 0.37079 | 502471.98 | 3635325.90 | 0.37139 |
| 502521.98 | 3635325.90 | 0.37177 | 502571.98 | 3635325.90 | 0.37187 |
| 502621.98 | 3635325.90 | 0.37191 | 502671.98 | | |

3635325.90 0.37182
502221.98 3635375.90 0.35608 502271.98
3635375.90 0.35708
502321.98 3635375.90 0.35820 502371.98
3635375.90 0.35913
502421.98 3635375.90 0.35993 502471.98
3635375.90 0.36052
502521.98 3635375.90 0.36078 502571.98
3635375.90 0.36098
502621.98 3635375.90 0.36104 502671.98
3635375.90 0.36092
502221.98 3635425.90 0.34597 502271.98
3635425.90 0.34685
502321.98 3635425.90 0.34787 502371.98
3635425.90 0.34871
502421.98 3635425.90 0.34946 502471.98
3635425.90 0.35006
502521.98 3635425.90 0.35041 502571.98
3635425.90 0.35057
502621.98 3635425.90 0.35064 502671.98
3635425.90 0.35056
504771.98 3635425.90 0.25095 502221.98
3635475.90 0.33616
502271.98 3635475.90 0.33713 502321.98
3635475.90 0.33805
502371.98 3635475.90 0.33884 502421.98
3635475.90 0.33954
502471.98 3635475.90 0.34121 502521.98
3635475.90 0.34040
502571.98 3635475.90 0.34060 502621.98
3635475.90 0.34066
502671.98 3635475.90 0.34076 504771.98
3635475.90 0.24639
504821.98 3635475.90 0.24314 504871.98
3635475.90 0.24007
504921.98 3635475.90 0.23691 502221.98
3635525.90 0.32768
502271.98 3635525.90 0.32780 502321.98
3635525.90 0.32866
502371.98 3635525.90 0.32937 502421.98
3635525.90 0.33005
502471.98 3635525.90 0.33106 502521.98
3635525.90 0.33089
502571.98 3635525.90 0.33113 502621.98
3635525.90 0.33201
502671.98 3635525.90 0.33365 502721.98
3635525.90 0.33464
502771.98 3635525.90 0.33457 502821.98
3635525.90 0.33428
502871.98 3635525.90 0.33294 502921.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 0.32070 | 503321.98 | 3635525.90 | 0.31910 |
| 503371.98 | 3635525.90 | 0.31883 | 503421.98 | 3635525.90 | 0.31678 |
| 503471.98 | 3635525.90 | 0.31882 | 503521.98 | 3635525.90 | 0.31773 |
| 503571.98 | 3635525.90 | 0.31086 | 503621.98 | 3635525.90 | 0.30667 |
| 503671.98 | 3635525.90 | 0.30434 | 503721.98 | 3635525.90 | 0.30219 |
| 503771.98 | 3635525.90 | 0.29991 | 503821.98 | 3635525.90 | 0.29863 |
| 503871.98 | 3635525.90 | 0.29472 | 503921.98 | 3635525.90 | 0.29265 |

503971.98 3635525.90 0.29077 504021.98
3635525.90 0.28634
504071.98 3635525.90 0.28321 504121.98
3635525.90 0.28034
504171.98 3635525.90 0.27750 504221.98
3635525.90 0.27442
504271.98 3635525.90 0.27163 504321.98
3635525.90 0.26867
504371.98 3635525.90 0.26565 504421.98
3635525.90 0.26264
504471.98 3635525.90 0.25956 504521.98
3635525.90 0.25654
504571.98 3635525.90 0.25365 504621.98
3635525.90 0.25065
504671.98 3635525.90 0.24764 504721.98
3635525.90 0.24474
504771.98 3635525.90 0.24170 504821.98
3635525.90 0.23869
504871.98 3635525.90 0.23574 504921.98
3635525.90 0.23253
504971.98 3635525.90 0.22964 505021.98
3635525.90 0.22683
505071.98 3635525.90 0.22385 505121.98
3635525.90 0.22086
505171.98 3635525.90 0.21785 505221.98
3635525.90 0.21488
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3635575.90 0.31887
502321.98 3635575.90 0.31964 502371.98
3635575.90 0.32043
502421.98 3635575.90 0.32152 502471.98
3635575.90 0.32211
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3635575.90 0.32259
502621.98 3635575.90 0.32401 502671.98
3635575.90 0.32562
502721.98 3635575.90 0.32656 502771.98
3635575.90 0.32585
502821.98 3635575.90 0.32559 502871.98
3635575.90 0.32517
502921.98 3635575.90 0.32463 502971.98
3635575.90 0.32470
503021.98 3635575.90 0.32402 503071.98
3635575.90 0.31763
503121.98 3635575.90 0.31555 503171.98
3635575.90 0.31426
503221.98 3635575.90 0.31911 503271.98
3635575.90 0.32045
503321.98 3635575.90 0.31891 503371.98
3635575.90 0.31862

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         503421.98    3635575.90        0.31668                       503471.98
3635575.90        0.31883
         503521.98    3635575.90        0.31743                       503571.98
3635575.90        0.30938
         503621.98    3635575.90        0.30074                       503671.98
3635575.90        0.29707
         503721.98    3635575.90        0.29482                       503771.98
3635575.90        0.29295
         503821.98    3635575.90        0.29009                       503871.98
3635575.90        0.28805
         503921.98    3635575.90        0.28589                       503971.98
3635575.90        0.28382
         504021.98    3635575.90        0.27931                       504071.98
3635575.90        0.27662
         504121.98    3635575.90        0.27395                       504171.98
3635575.90        0.27125
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 529
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504221.98    3635575.90        0.26846                       504271.98
3635575.90        0.26555
         504321.98    3635575.90        0.26280                       504371.98
3635575.90        0.25999
         504421.98    3635575.90        0.25715                       504471.98
```

3635575.90 0.25418
504521.98 3635575.90 0.25134 504571.98
3635575.90 0.24841
504621.98 3635575.90 0.24566 504671.98
3635575.90 0.24277
504721.98 3635575.90 0.23990 504771.98
3635575.90 0.23709
504821.98 3635575.90 0.23424 504871.98
3635575.90 0.23132
504921.98 3635575.90 0.22829 504971.98
3635575.90 0.22556
505021.98 3635575.90 0.22283 505071.98
3635575.90 0.22001
505121.98 3635575.90 0.21821 505171.98
3635575.90 0.21430
505221.98 3635575.90 0.21165 502221.98
3635625.90 0.31473
502271.98 3635625.90 0.31182 502321.98
3635625.90 0.31193
502371.98 3635625.90 0.31214 502421.98
3635625.90 0.31531
502471.98 3635625.90 0.31681 502521.98
3635625.90 0.31782
502571.98 3635625.90 0.31558 502621.98
3635625.90 0.31531
502671.98 3635625.90 0.31731 502721.98
3635625.90 0.31904
502771.98 3635625.90 0.31960 502821.98
3635625.90 0.32054
502871.98 3635625.90 0.32148 502921.98
3635625.90 0.32219
502971.98 3635625.90 0.32294 503021.98
3635625.90 0.32362
503071.98 3635625.90 0.32320 503121.98
3635625.90 0.32235
503171.98 3635625.90 0.32242 503221.98
3635625.90 0.32353
503271.98 3635625.90 0.32137 503321.98
3635625.90 0.31915
503371.98 3635625.90 0.31463 503421.98
3635625.90 0.31271
503471.98 3635625.90 0.31855 503521.98
3635625.90 0.31775
503571.98 3635625.90 0.30778 503621.98
3635625.90 0.29886
503671.98 3635625.90 0.29531 503721.98
3635625.90 0.29231
503771.98 3635625.90 0.28948 503821.98
3635625.90 0.28607
503871.98 3635625.90 0.28072 503921.98

3635625.90        0.27840
         503971.98    3635625.90        0.27631                        504021.98
3635625.90        0.27290
         504071.98    3635625.90        0.27031                        504121.98
3635625.90        0.26777
         504171.98    3635625.90        0.26519                        504221.98
3635625.90        0.26262
         504271.98    3635625.90        0.25995                        504321.98
3635625.90        0.25712
         504371.98    3635625.90        0.25444                        504421.98
3635625.90        0.25179
         504471.98    3635625.90        0.24901                        504521.98
3635625.90        0.24626
         504571.98    3635625.90        0.24344                        504621.98
3635625.90        0.24074
         504671.98    3635625.90        0.23798                        504721.98
3635625.90        0.23527
         504771.98    3635625.90        0.23261                        504821.98
3635625.90        0.22987
         504871.98    3635625.90        0.22707                        504921.98
3635625.90        0.22417
         504971.98    3635625.90        0.22158                        505021.98
3635625.90        0.21868
         505071.98    3635625.90        0.21595                        505121.98
3635625.90        0.21353

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                              INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 0.21077 | 505221.98 | 3635625.90 | 0.20805 |
| 502221.98 | 3635675.90 | 0.31095 | 502271.98 | 3635675.90 | 0.30647 |
| 502321.98 | 3635675.90 | 0.30693 | 502371.98 | 3635675.90 | 0.30684 |
| 502421.98 | 3635675.90 | 0.30893 | 502471.98 | 3635675.90 | 0.30985 |
| 502521.98 | 3635675.90 | 0.31038 | 502571.98 | 3635675.90 | 0.30950 |
| 502621.98 | 3635675.90 | 0.30901 | 502671.98 | 3635675.90 | 0.30960 |
| 502721.98 | 3635675.90 | 0.31200 | 502771.98 | 3635675.90 | 0.31620 |
| 502821.98 | 3635675.90 | 0.31743 | 502871.98 | 3635675.90 | 0.31956 |
| 502921.98 | 3635675.90 | 0.32637 | 502971.98 | 3635675.90 | 0.32490 |
| 503021.98 | 3635675.90 | 0.32837 | 503071.98 | 3635675.90 | 0.32833 |
| 503121.98 | 3635675.90 | 0.32930 | 503171.98 | 3635675.90 | 0.32945 |
| 503221.98 | 3635675.90 | 0.32526 | 503271.98 | 3635675.90 | 0.32286 |
| 503321.98 | 3635675.90 | 0.32193 | 503371.98 | 3635675.90 | 0.31892 |
| 503421.98 | 3635675.90 | 0.31343 | 503471.98 | 3635675.90 | 0.31490 |
| 503521.98 | 3635675.90 | 0.31513 | 503571.98 | 3635675.90 | 0.30416 |
| 503621.98 | 3635675.90 | 0.29570 | 503671.98 | 3635675.90 | 0.29041 |
| 503721.98 | 3635675.90 | 0.28878 | 503771.98 | 3635675.90 | 0.28620 |
| 503821.98 | 3635675.90 | 0.28113 | 503871.98 | 3635675.90 | 0.27606 |
| 503921.98 | 3635675.90 | 0.27484 | 503971.98 | 3635675.90 | 0.27113 |
| 504021.98 | 3635675.90 | 0.26684 | 504071.98 | 3635675.90 | 0.26428 |
| 504121.98 | 3635675.90 | 0.26180 | 504171.98 | 3635675.90 | 0.25933 |
| 504221.98 | 3635675.90 | 0.25686 | 504271.98 | 3635675.90 | 0.25436 |
| 504321.98 | 3635675.90 | 0.25176 | 504371.98 | 3635675.90 | 0.24910 |

```
         504421.98    3635675.90        0.24651                        504471.98
3635675.90        0.24398
         504521.98    3635675.90        0.24142                        504571.98
3635675.90        0.23867
         504621.98    3635675.90        0.23612                        504671.98
3635675.90        0.23340
         504721.98    3635675.90        0.23074                        504771.98
3635675.90        0.22844
         504821.98    3635675.90        0.22561                        504871.98
3635675.90        0.22293
         504921.98    3635675.90        0.22017                        504971.98
3635675.90        0.21768
         505021.98    3635675.90        0.21501                        505071.98
3635675.90        0.21228
         505121.98    3635675.90        0.20995                        505171.98
3635675.90        0.20735
         505221.98    3635675.90        0.20471                        502221.98
3635725.90        0.30590
         502271.98    3635725.90        0.30102                        502321.98
3635725.90        0.29985
         502371.98    3635725.90        0.29917                        502421.98
3635725.90        0.30180
         502471.98    3635725.90        0.30248                        502521.98
3635725.90        0.30419
         502571.98    3635725.90        0.30191                        502621.98
3635725.90        0.30120
         502671.98    3635725.90        0.30296                        502721.98
3635725.90        0.30500
         502771.98    3635725.90        0.30894                        502821.98
3635725.90        0.31205
         502871.98    3635725.90        0.31428                        502921.98
3635725.90        0.32329
         502971.98    3635725.90        0.32470                        503021.98
3635725.90        0.32797
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 531
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
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L0000781 , L0000782 , L0000783 , L0000784 , L0000785
, L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 0.32659 | 503121.98 | 3635725.90 | 0.32825 |
| 503171.98 | 3635725.90 | 0.32765 | 503221.98 | 3635725.90 | 0.32177 |
| 503271.98 | 3635725.90 | 0.32020 | 503321.98 | 3635725.90 | 0.31967 |
| 503371.98 | 3635725.90 | 0.31775 | 503421.98 | 3635725.90 | 0.31077 |
| 503471.98 | 3635725.90 | 0.30815 | 503521.98 | 3635725.90 | 0.30686 |
| 503571.98 | 3635725.90 | 0.29670 | 503621.98 | 3635725.90 | 0.29296 |
| 503671.98 | 3635725.90 | 0.28549 | 503721.98 | 3635725.90 | 0.28451 |
| 503771.98 | 3635725.90 | 0.28134 | 503821.98 | 3635725.90 | 0.27601 |
| 503871.98 | 3635725.90 | 0.27109 | 503921.98 | 3635725.90 | 0.26912 |
| 503971.98 | 3635725.90 | 0.26636 | 504021.98 | 3635725.90 | 0.26103 |
| 504071.98 | 3635725.90 | 0.25857 | 504121.98 | 3635725.90 | 0.25608 |
| 504171.98 | 3635725.90 | 0.25373 | 504221.98 | 3635725.90 | 0.25153 |
| 504271.98 | 3635725.90 | 0.24912 | 504321.98 | 3635725.90 | 0.24650 |
| 504371.98 | 3635725.90 | 0.24403 | 504421.98 | 3635725.90 | 0.24150 |
| 504471.98 | 3635725.90 | 0.23910 | 504521.98 | 3635725.90 | 0.23664 |
| 504571.98 | 3635725.90 | 0.23405 | 504621.98 | 3635725.90 | 0.23155 |
| 504671.98 | 3635725.90 | 0.22903 | 504721.98 | 3635725.90 | 0.22640 |
| 504771.98 | 3635725.90 | 0.22385 | 504821.98 | 3635725.90 | 0.22137 |
| 504871.98 | 3635725.90 | 0.21879 | 504921.98 | | |

3635725.90        0.21625
         504971.98    3635725.90        0.21386                        505021.98
3635725.90        0.21142
         505071.98    3635725.90        0.20878                        505121.98
3635725.90        0.20644
         505171.98    3635725.90        0.20395                        505221.98
3635725.90        0.20143
         502221.98    3635775.90        0.30036                        502271.98
3635775.90        0.29443
         502321.98    3635775.90        0.29362                        502371.98
3635775.90        0.29245
         502421.98    3635775.90        0.29473                        502471.98
3635775.90        0.29583
         502521.98    3635775.90        0.29708                        502571.98
3635775.90        0.29701
         502621.98    3635775.90        0.29741                        502671.98
3635775.90        0.29844
         502721.98    3635775.90        0.29788                        502771.98
3635775.90        0.29939
         502821.98    3635775.90        0.30346                        502871.98
3635775.90        0.30764
         502921.98    3635775.90        0.31652                        502971.98
3635775.90        0.31763
         503021.98    3635775.90        0.32253                        503071.98
3635775.90        0.32230
         503121.98    3635775.90        0.32249                        503171.98
3635775.90        0.32071
         503221.98    3635775.90        0.32831                        503271.98
3635775.90        0.33032
         503321.98    3635775.90        0.32695                        503371.98
3635775.90        0.31842
         503421.98    3635775.90        0.30992                        503471.98
3635775.90        0.30567
         503521.98    3635775.90        0.30861                        503571.98
3635775.90        0.29938
         503621.98    3635775.90        0.29416                        503671.98
3635775.90        0.28440
         503721.98    3635775.90        0.27806                        503771.98
3635775.90        0.27618
         503821.98    3635775.90        0.27210                        503871.98
3635775.90        0.26950
         503921.98    3635775.90        0.26954                        503971.98
3635775.90        0.26468

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***

INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 0.25601 | 504071.98 | 3635775.90 | 0.25484 |
| 504121.98 | 3635775.90 | 0.25088 | 504171.98 | 3635775.90 | 0.24860 |
| 504221.98 | 3635775.90 | 0.24639 | 504271.98 | 3635775.90 | 0.24409 |
| 504321.98 | 3635775.90 | 0.24154 | 504371.98 | 3635775.90 | 0.23907 |
| 504421.98 | 3635775.90 | 0.23666 | 504471.98 | 3635775.90 | 0.23435 |
| 504521.98 | 3635775.90 | 0.23197 | 504571.98 | 3635775.90 | 0.22951 |
| 504621.98 | 3635775.90 | 0.22712 | 504671.98 | 3635775.90 | 0.22466 |
| 504721.98 | 3635775.90 | 0.22218 | 504771.98 | 3635775.90 | 0.21975 |
| 504821.98 | 3635775.90 | 0.21731 | 504871.98 | 3635775.90 | 0.21487 |
| 504921.98 | 3635775.90 | 0.21243 | 504971.98 | 3635775.90 | 0.21015 |
| 505021.98 | 3635775.90 | 0.20781 | 505071.98 | 3635775.90 | 0.20526 |
| 505121.98 | 3635775.90 | 0.20296 | 505171.98 | 3635775.90 | 0.20059 |
| 505221.98 | 3635775.90 | 0.19822 | 502221.98 | 3635825.90 | 0.29456 |
| 502271.98 | 3635825.90 | 0.28821 | 502321.98 | 3635825.90 | 0.28732 |

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         502371.98    3635825.90        0.28567                    502421.98
3635825.90        0.28833
         502471.98    3635825.90        0.28908                    502521.98
3635825.90        0.29081
         502571.98    3635825.90        0.29034                    502621.98
3635825.90        0.29071
         502671.98    3635825.90        0.29154                    502721.98
3635825.90        0.29283
         502771.98    3635825.90        0.29349                    502821.98
3635825.90        0.29712
         502871.98    3635825.90        0.30095                    502921.98
3635825.90        0.30964
         502971.98    3635825.90        0.31020                    503021.98
3635825.90        0.31719
         503071.98    3635825.90        0.31882                    503121.98
3635825.90        0.31796
         503171.98    3635825.90        0.31611                    503221.98
3635825.90        0.32379
         503271.98    3635825.90        0.32370                    503321.98
3635825.90        0.32124
         503371.98    3635825.90        0.31243                    503421.98
3635825.90        0.30749
         503471.98    3635825.90        0.30286                    503521.98
3635825.90        0.31404
         503571.98    3635825.90        0.30973                    503621.98
3635825.90        0.29987
         503671.98    3635825.90        0.28526                    503721.98
3635825.90        0.27706
         503771.98    3635825.90        0.27139                    503821.98
3635825.90        0.26872
         503871.98    3635825.90        0.26587                    503921.98
3635825.90        0.26458
         503971.98    3635825.90        0.26243                    504021.98
3635825.90        0.25283
         504071.98    3635825.90        0.25383                    504121.98
3635825.90        0.25061
         504171.98    3635825.90        0.24537                    504221.98
3635825.90        0.24278
         504271.98    3635825.90        0.24157                    504321.98
3635825.90        0.23734
         504371.98    3635825.90        0.23438                    504421.98
3635825.90        0.23205
         504471.98    3635825.90        0.22981                    504521.98
3635825.90        0.22762
         504571.98    3635825.90        0.22517                    504621.98
3635825.90        0.22285
         504671.98    3635825.90        0.22043                    504721.98
3635825.90        0.21804
         504771.98    3635825.90        0.21570                    504821.98
3635825.90        0.21340
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504971.98    3635825.90        0.20647                      505021.98
3635825.90        0.20416
         505071.98    3635825.90        0.20191                      505121.98
3635825.90        0.19958
         505171.98    3635825.90        0.19732                      505221.98
3635825.90        0.19505
         502221.98    3635875.90        0.28820                      502271.98
3635875.90        0.28167
         502321.98    3635875.90        0.28007                      502371.98
3635875.90        0.27938
         502421.98    3635875.90        0.28192                      502471.98
3635875.90        0.28289
         502521.98    3635875.90        0.28524                      502571.98
3635875.90        0.28494
         502621.98    3635875.90        0.28730                      502671.98
3635875.90        0.28809
         502721.98    3635875.90        0.28822                      502771.98
3635875.90        0.28868
         502821.98    3635875.90        0.29201                      502871.98

3635875.90 0.29523
502921.98 3635875.90 0.30527 502971.98
3635875.90 0.30535
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503121.98 3635875.90 0.31227 503171.98
3635875.90 0.31056
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3635875.90 0.31458
503321.98 3635875.90 0.30921 503371.98
3635875.90 0.30710
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3635875.90 0.30187
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503621.98 3635875.90 0.29251 503671.98
3635875.90 0.27869
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3635875.90 0.25807
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3635875.90 0.25160
504121.98 3635875.90 0.24811 504171.98
3635875.90 0.24374
504221.98 3635875.90 0.24246 504271.98
3635875.90 0.24040
504321.98 3635875.90 0.23546 504371.98
3635875.90 0.23187
504421.98 3635875.90 0.22912 504471.98
3635875.90 0.22545
504521.98 3635875.90 0.22321 504571.98
3635875.90 0.22097
504621.98 3635875.90 0.21867 504671.98
3635875.90 0.21640
504721.98 3635875.90 0.21402 504771.98
3635875.90 0.21178
504821.98 3635875.90 0.20957 504871.98
3635875.90 0.20732
504921.98 3635875.90 0.20508 504971.98
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505021.98 3635875.90 0.20068 505071.98
3635875.90 0.19844
505121.98 3635875.90 0.19629 505171.98
3635875.90 0.19410
505221.98 3635875.90 0.19193 502221.98
3635925.90 0.28280
502271.98 3635925.90 0.27595 502321.98

3635925.90        0.27507
         502371.98    3635925.90        0.27328                        502421.98
3635925.90        0.27579
         502471.98    3635925.90        0.27701                        502521.98
3635925.90        0.28015
         502571.98    3635925.90        0.28075                        502621.98
3635925.90        0.28218
         502671.98    3635925.90        0.28309                        502721.98
3635925.90        0.28339
         502771.98    3635925.90        0.28352                        502821.98
3635925.90        0.28731


                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         502871.98    3635925.90        0.28978                        502921.98
3635925.90        0.29894
         502971.98    3635925.90        0.29991                        503021.98
3635925.90        0.30490
         503071.98    3635925.90        0.30653                        503121.98
3635925.90        0.30621
         503171.98    3635925.90        0.30587                        503221.98
3635925.90        0.30660
         503271.98    3635925.90        0.30575                        503321.98
3635925.90        0.30290

503371.98 3635925.90 0.30004 503421.98 3635925.90 0.29768
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503671.98 3635925.90 0.27375 503721.98 3635925.90 0.26895
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503971.98 3635925.90 0.25389 504021.98 3635925.90 0.24916
504071.98 3635925.90 0.24731 504121.98 3635925.90 0.24559
504171.98 3635925.90 0.24371 504221.98 3635925.90 0.24298
504271.98 3635925.90 0.23856 504321.98 3635925.90 0.23378
504371.98 3635925.90 0.23119 504421.98 3635925.90 0.22869
504471.98 3635925.90 0.22499 504521.98 3635925.90 0.22098
504571.98 3635925.90 0.21708 504621.98 3635925.90 0.21455
504671.98 3635925.90 0.21248 504721.98 3635925.90 0.21024
504771.98 3635925.90 0.20800 504821.98 3635925.90 0.20580
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504971.98 3635925.90 0.19953 505021.98 3635925.90 0.19742
505071.98 3635925.90 0.19528 505121.98 3635925.90 0.19309
505171.98 3635925.90 0.19096 505221.98 3635925.90 0.18953
502221.98 3635975.90 0.27925 502271.98 3635975.90 0.27327
502321.98 3635975.90 0.27143 502371.98 3635975.90 0.26869
502421.98 3635975.90 0.27079 502471.98 3635975.90 0.27166
502521.98 3635975.90 0.27433 502571.98 3635975.90 0.27371
502621.98 3635975.90 0.27539 502671.98 3635975.90 0.27771
502721.98 3635975.90 0.27862 502771.98 3635975.90 0.27970

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         502821.98    3635975.90        0.28351                       502871.98
3635975.90        0.28428
         502921.98    3635975.90        0.29206                       502971.98
3635975.90        0.29296
         503021.98    3635975.90        0.29808                       503071.98
3635975.90        0.29881
         503121.98    3635975.90        0.29969                       503171.98
3635975.90        0.29961
         503221.98    3635975.90        0.29954                       503271.98
3635975.90        0.29770
         503321.98    3635975.90        0.29578                       503371.98
3635975.90        0.29133
         503421.98    3635975.90        0.29724                       503471.98
3635975.90        0.29960
         503521.98    3635975.90        0.29712                       503571.98
3635975.90        0.28515
         503621.98    3635975.90        0.27600                       503671.98
3635975.90        0.27072
         503721.98    3635975.90        0.26676                       503771.98
3635975.90        0.26358
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 535
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         503821.98    3635975.90        0.25901                       503871.98
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3635975.90 0.24608
504121.98 3635975.90 0.24512 504171.98
3635975.90 0.24528
504221.98 3635975.90 0.24327 504271.98
3635975.90 0.23733
504321.98 3635975.90 0.23418 504371.98
3635975.90 0.23235
504421.98 3635975.90 0.22944 504471.98
3635975.90 0.22497
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3635975.90 0.21817
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3635975.90 0.21115
504721.98 3635975.90 0.20823 504771.98
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3635975.90 0.20018
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3635975.90 0.19614
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3635975.90 0.19206
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3632475.90 4.56209
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3632475.90 5.69621
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3632475.90 6.46307
502221.98 3632475.90 6.70177 502321.98
3632475.90 6.85256
502421.98 3632475.90 6.96799 502521.98
3632475.90 7.03866
502621.98 3632475.90 7.13625 502721.98
3632475.90 7.21517
502821.98 3632475.90 7.23952 502921.98
3632475.90 7.22137
503021.98 3632475.90 7.17361 503121.98
3632475.90 7.07817
503221.98 3632475.90 6.67568 503321.98
3632475.90 6.33867
503421.98 3632475.90 5.71667 503721.98
3632475.90 3.26377
503821.98 3632475.90 2.36634 503921.98
3632475.90 1.61048
504021.98 3632475.90 1.22019 504121.98

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3632475.90        1.00982
         504221.98    3632475.90        0.81701                        504321.98
3632475.90        0.69221
         504421.98    3632475.90        0.64473                        504521.98
3632475.90        0.61724
         504621.98    3632475.90        0.49171                        504721.98
3632475.90        0.42882
         504821.98    3632475.90        0.39229                        504921.98
3632475.90        0.35361
         505021.98    3632475.90        0.31490                        505121.98
3632475.90        0.29317
         505221.98    3632475.90        0.26148                        505321.98
3632475.90        0.23952
         505421.98    3632475.90        0.22608                        505521.98
3632475.90        0.21653
         505621.98    3632475.90        0.21215                        505721.98
3632475.90        0.21025
         501721.98    3632575.90        6.99284                        501821.98
3632575.90        8.11586
         501921.98    3632575.90        8.95900                        502021.98
3632575.90        9.58501
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3632575.90       10.24383
         502321.98    3632575.90       10.43043                        502421.98
3632575.90       10.54615
         502521.98    3632575.90       10.60407                        502621.98
3632575.90       10.67883
         502721.98    3632575.90       10.92651                        502821.98
3632575.90       11.05922
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 536
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 11.16702 | 503021.98 | 3632575.90 | 11.15544 |
| 503121.98 | 3632575.90 | 10.92432 | 503221.98 | 3632575.90 | 10.48423 |
| 503321.98 | 3632575.90 | 9.85079 | 503421.98 | 3632575.90 | 8.63089 |
| 503721.98 | 3632575.90 | 3.54528 | 503821.98 | 3632575.90 | 2.20133 |
| 503921.98 | 3632575.90 | 1.35279 | 504021.98 | 3632575.90 | 1.05864 |
| 504121.98 | 3632575.90 | 0.87013 | 504221.98 | 3632575.90 | 0.73049 |
| 504321.98 | 3632575.90 | 0.62016 | 504421.98 | 3632575.90 | 0.55575 |
| 504521.98 | 3632575.90 | 0.53975 | 504621.98 | 3632575.90 | 0.47364 |
| 504721.98 | 3632575.90 | 0.39862 | 504821.98 | 3632575.90 | 0.36859 |
| 504921.98 | 3632575.90 | 0.33052 | 505021.98 | 3632575.90 | 0.29434 |
| 505121.98 | 3632575.90 | 0.27513 | 505221.98 | 3632575.90 | 0.25314 |
| 505321.98 | 3632575.90 | 0.23567 | 505421.98 | 3632575.90 | 0.22683 |
| 505521.98 | 3632575.90 | 0.21794 | 505621.98 | 3632575.90 | 0.21298 |
| 505721.98 | 3632575.90 | 0.20636 | 501721.98 | 3632675.90 | 14.37643 |
| 501821.98 | 3632675.90 | 16.57910 | 501921.98 | 3632675.90 | 18.18445 |
| 502021.98 | 3632675.90 | 19.51484 | 502121.98 | 3632675.90 | 20.17753 |
| 502221.98 | 3632675.90 | 20.29792 | 502321.98 | 3632675.90 | 20.47752 |
| 502421.98 | 3632675.90 | 20.60391 | 502521.98 | 3632675.90 | 20.54633 |
| 502621.98 | 3632675.90 | 20.74543 | 502721.98 | 3632675.90 | 22.07665 |
| 502821.98 | 3632675.90 | 24.42307 | 502921.98 | 3632675.90 | 26.69039 |
| 503021.98 | 3632675.90 | 27.05486 | 503721.98 | 3632675.90 | 3.77414 |

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3632675.90        1.47817
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3632675.90        0.82902
         504221.98    3632675.90        0.68769                       504321.98
3632675.90        0.59134
         504421.98    3632675.90        0.52958                       504521.98
3632675.90        0.48607
         504621.98    3632675.90        0.43770                       504721.98
3632675.90        0.39385
         504821.98    3632675.90        0.36100                       504921.98
3632675.90        0.32436
         505021.98    3632675.90        0.29291                       505121.98
3632675.90        0.27144
         505221.98    3632675.90        0.25348                       505321.98
3632675.90        0.23775
         505421.98    3632675.90        0.23211                       505521.98
3632675.90        0.22783
         505621.98    3632675.90        0.21913                       505721.98
3632675.90        0.20353
         502421.98    3632775.90       44.11044                       502521.98
3632775.90       41.45236
         502621.98    3632775.90       36.29895                       502721.98
3632775.90       29.50261
         502821.98    3632775.90       26.95227                       502921.98
3632775.90       27.76522
         503021.98    3632775.90       23.66933                       503121.98
3632775.90       24.88778
         503221.98    3632775.90       23.87553                       503621.98
3632775.90        7.89858
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3632775.90        2.14053
         503921.98    3632775.90        1.56229                       504021.98
3632775.90        1.19977
         504121.98    3632775.90        0.91187                       504221.98
3632775.90        0.73419
         504321.98    3632775.90        0.62282                       504421.98
3632775.90        0.55321
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 537
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
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                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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3632775.90        0.44992
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3632775.90        0.36922
         504921.98    3632775.90        0.33566                       505021.98
3632775.90        0.30556
         505121.98    3632775.90        0.28331                       505221.98
3632775.90        0.26429
         505321.98    3632775.90        0.25257                       505421.98
3632775.90        0.24608
         505521.98    3632775.90        0.24034                       505621.98
3632775.90        0.23215
         505721.98    3632775.90        0.21773                       501721.98
3632875.90       11.11555
         501821.98    3632875.90       12.45761                       501921.98
3632875.90       13.18823
         502021.98    3632875.90       13.48992                       502121.98
3632875.90       13.66580
         502221.98    3632875.90       13.44440                       502321.98
3632875.90       13.28869
         502421.98    3632875.90       13.21596                       502521.98
3632875.90       12.87072
         502621.98    3632875.90       12.25972                       502721.98
3632875.90       11.79504
         502821.98    3632875.90       11.65604                       502921.98
3632875.90       11.47529
         503021.98    3632875.90        6.54505                       503121.98
3632875.90        9.03927
         503221.98    3632875.90       10.71879                       503321.98
3632875.90       11.52860
         503421.98    3632875.90       15.07757                       503621.98
3632875.90        7.30729
         503721.98    3632875.90        3.74465                       503821.98
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3632875.90        2.07393
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3632875.90        0.76006
         504321.98    3632875.90        0.65480                     504421.98
3632875.90        0.57585
         504521.98    3632875.90        0.51580                     504621.98
3632875.90        0.46448
         504721.98    3632875.90        0.42160                     504821.98
3632875.90        0.37894
         504921.98    3632875.90        0.34474                     505021.98
3632875.90        0.31803
         505121.98    3632875.90        0.29490                     505221.98
3632875.90        0.27932
         505321.98    3632875.90        0.26826                     505421.98
3632875.90        0.26256
         505521.98    3632875.90        0.25018                     505621.98
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         505521.98    3633075.90        0.27638                     505621.98
3633075.90        0.26077
         505721.98    3633075.90        0.23816                     501721.98
3633175.90        3.08660
         501821.98    3633175.90        3.39288                     501921.98
3633175.90        3.64609
         502021.98    3633175.90        3.85494                     502121.98
3633175.90        3.97244
         505321.98    3633175.90        0.30032                     505421.98
3633175.90        0.28910
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***

INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 0.28235 | 505621.98 | 3633175.90 | 0.27332 |
| 505721.98 | 3633175.90 | 0.24930 | 501721.98 | 3633275.90 | 2.46064 |
| 501821.98 | 3633275.90 | 2.68337 | 501921.98 | 3633275.90 | 2.86643 |
| 502021.98 | 3633275.90 | 3.02118 | 502121.98 | 3633275.90 | 3.11967 |
| 505321.98 | 3633275.90 | 0.30265 | 505421.98 | 3633275.90 | 0.28456 |
| 505521.98 | 3633275.90 | 0.28317 | 505621.98 | 3633275.90 | 0.28191 |
| 505721.98 | 3633275.90 | 0.26134 | 501721.98 | 3633375.90 | 2.03282 |
| 501821.98 | 3633375.90 | 2.19106 | 501921.98 | 3633375.90 | 2.32779 |
| 502021.98 | 3633375.90 | 2.44420 | 502121.98 | 3633375.90 | 2.53759 |
| 505321.98 | 3633375.90 | 0.30430 | 505421.98 | 3633375.90 | 0.27876 |
| 505521.98 | 3633375.90 | 0.27305 | 505621.98 | 3633375.90 | 0.28033 |
| 505721.98 | 3633375.90 | 0.27017 | 501721.98 | 3633475.90 | 1.72581 |

501821.98 3633475.90 1.84519 501921.98
3633475.90 1.95520
502021.98 3633475.90 2.04627 502121.98
3633475.90 2.11112
505321.98 3633475.90 0.29844 505421.98
3633475.90 0.27256
505521.98 3633475.90 0.27036 505621.98
3633475.90 0.27019
505721.98 3633475.90 0.27001 501721.98
3633575.90 1.49167
501821.98 3633575.90 1.58510 501921.98
3633575.90 1.66763
502021.98 3633575.90 1.73753 502121.98
3633575.90 1.82580
505321.98 3633575.90 0.28895 505421.98
3633575.90 0.26187
505521.98 3633575.90 0.26163 505621.98
3633575.90 0.26644
505721.98 3633575.90 0.26540 501721.98
3633675.90 1.30873
501821.98 3633675.90 1.37874 501921.98
3633675.90 1.44656
502021.98 3633675.90 1.50670 502121.98
3633675.90 1.57356
505321.98 3633675.90 0.27372 505421.98
3633675.90 0.24580
505521.98 3633675.90 0.24698 505621.98
3633675.90 0.25201
505721.98 3633675.90 0.25983 501721.98
3633775.90 1.16105
501821.98 3633775.90 1.21741 501921.98
3633775.90 1.26989
502021.98 3633775.90 1.31666 502121.98
3633775.90 1.35500
505321.98 3633775.90 0.26668 505421.98
3633775.90 0.24811
505521.98 3633775.90 0.23802 505621.98
3633775.90 0.24350
505721.98 3633775.90 0.25462 501721.98
3633875.90 1.03716
501821.98 3633875.90 1.08625 501921.98
3633875.90 1.12140
502021.98 3633875.90 1.16468 502121.98
3633875.90 1.19522
505321.98 3633875.90 0.25930 505421.98
3633875.90 0.25229
505521.98 3633875.90 0.24338 505621.98
3633875.90 0.23858
505721.98 3633875.90 0.25122 501721.98
3633975.90 0.93378

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3633975.90        0.24828                      505621.98
3633975.90        0.24438
         505721.98    3633975.90        0.24823                      501721.98
3634075.90        0.84560
         501821.98    3634075.90        0.87766                      501921.98
3634075.90        0.90652
         502021.98    3634075.90        0.93152                      502121.98
3634075.90        0.95241
         505321.98    3634075.90        0.25721                      505421.98
3634075.90        0.25566
         505521.98    3634075.90        0.26193                      505621.98
3634075.90        0.25789
         505721.98    3634075.90        0.24269                      501721.98
3634175.90        0.76706
         501821.98    3634175.90        0.79620                      501921.98

3634175.90 0.82087
502021.98 3634175.90 0.83691 502121.98 3634175.90 0.85682
505321.98 3634175.90 0.28157 505421.98 3634175.90 0.27741
505521.98 3634175.90 0.27105 505621.98 3634175.90 0.24812
505721.98 3634175.90 0.22695 501721.98 3634275.90 0.70145
501821.98 3634275.90 0.72312 501921.98 3634275.90 0.74267
502021.98 3634275.90 0.75916 502121.98 3634275.90 0.77399
505321.98 3634275.90 0.29663 505421.98 3634275.90 0.28614
505521.98 3634275.90 0.25284 505621.98 3634275.90 0.23532
505721.98 3634275.90 0.21511 501721.98 3634375.90 0.64782
501821.98 3634375.90 0.66778 501921.98 3634375.90 0.68215
502021.98 3634375.90 0.69608 502121.98 3634375.90 0.71058
505321.98 3634375.90 0.29405 505421.98 3634375.90 0.27904
505521.98 3634375.90 0.23537 505621.98 3634375.90 0.21118
505721.98 3634375.90 0.19970 501721.98 3634475.90 0.59990
501821.98 3634475.90 0.61706 501921.98 3634475.90 0.63185
502021.98 3634475.90 0.64601 502121.98 3634475.90 0.65553
505321.98 3634475.90 0.28226 505421.98 3634475.90 0.28011
505521.98 3634475.90 0.25680 505621.98 3634475.90 0.22403
505721.98 3634475.90 0.19236 501721.98 3634575.90 0.55648
501821.98 3634575.90 0.57014 501921.98 3634575.90 0.58272
502021.98 3634575.90 0.59472 502121.98 3634575.90 0.60515
505321.98 3634575.90 0.26660 505421.98 3634575.90 0.27340
505521.98 3634575.90 0.26086 505621.98 3634575.90 0.22776
505721.98 3634575.90 0.19267 501721.98 3634675.90 0.51863
501821.98 3634675.90 0.53138 501921.98

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3634775.90        0.24766                        505621.98
3634775.90        0.23909
         505721.98    3634775.90        0.22948                        501721.98
3634875.90        0.45291
         501821.98    3634875.90        0.46321                        501921.98
3634875.90        0.47183

```
         502021.98    3634875.90        0.47966                    502121.98
3634875.90        0.48531
         505321.98    3634875.90        0.26459                    505421.98
3634875.90        0.24896
         505521.98    3634875.90        0.24024                    505621.98
3634875.90        0.23187
         505721.98    3634875.90        0.22413                    501721.98
3634975.90        0.42589
         501821.98    3634975.90        0.43434                    501921.98
3634975.90        0.44236
         502021.98    3634975.90        0.44864                    502121.98
3634975.90        0.45349
         505321.98    3634975.90        0.25622                    505421.98
3634975.90        0.24109
         505521.98    3634975.90        0.23289                    505621.98
3634975.90        0.22512
         505721.98    3634975.90        0.21770                    501721.98
3635075.90        0.40182
         501821.98    3635075.90        0.40853                    501921.98
3635075.90        0.41535
         502021.98    3635075.90        0.42071                    502121.98
3635075.90        0.42468
         505321.98    3635075.90        0.24386                    505421.98
3635075.90        0.23376
         505521.98    3635075.90        0.22600                    505621.98
3635075.90        0.21890
         505721.98    3635075.90        0.21161                    501721.98
3635175.90        0.37847
         501821.98    3635175.90        0.38446                    501921.98
3635175.90        0.39005
         502021.98    3635175.90        0.39503                    502121.98
3635175.90        0.39875
         505321.98    3635175.90        0.23409                    505421.98
3635175.90        0.22657
         505521.98    3635175.90        0.21946                    505621.98
3635175.90        0.21256
         505721.98    3635175.90        0.20595                    501721.98
3635275.90        0.36017
         501821.98    3635275.90        0.36301                    501921.98
3635275.90        0.36803
         502021.98    3635275.90        0.37236                    502121.98
3635275.90        0.37512
         505621.98    3635275.90        0.20687                    505721.98
3635275.90        0.20073
         501721.98    3635375.90        0.34571                    501821.98
3635375.90        0.34582
         501921.98    3635375.90        0.34904                    502021.98
3635375.90        0.35256
         502121.98    3635375.90        0.35344                    505621.98
3635375.90        0.20101
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         501721.98    3635475.90        0.33328                       501821.98
3635475.90        0.33405
         501921.98    3635475.90        0.33097                       502021.98
3635475.90        0.33129
         502121.98    3635475.90        0.33470                       505621.98
3635475.90        0.19522
         505721.98    3635475.90        0.18943                       501721.98
3635575.90        0.31882
         501821.98    3635575.90        0.31948                       501921.98
3635575.90        0.31583
         502021.98    3635575.90        0.31781                       502121.98
3635575.90        0.32253
         505321.98    3635575.90        0.20602                       505421.98
3635575.90        0.19978
         505521.98    3635575.90        0.19453                       505621.98
3635575.90        0.18928
         505721.98    3635575.90        0.18431                       501721.98
3635675.90        0.30618
         501821.98    3635675.90        0.30643                       501921.98
3635675.90        0.30494
         502021.98    3635675.90        0.30711                       502121.98
3635675.90        0.31192
         505321.98    3635675.90        0.19960                       505421.98
3635675.90        0.19437
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 541
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                 INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
```

Y-COORD (M)  CONC

- - - -

3636075.90        0.28839
         503221.98    3636075.90        0.28592                        503321.98
3636075.90        0.28088
         503421.98    3636075.90        0.27816                        503521.98
3636075.90        0.27268
         503621.98    3636075.90        0.26751                        503721.98
3636075.90        0.26338
         503821.98    3636075.90        0.25688                        503921.98
3636075.90        0.25522
         504021.98    3636075.90        0.24850                        504121.98
3636075.90        0.24696
         504221.98    3636075.90        0.24457                        504321.98
3636075.90        0.23837
         504421.98    3636075.90        0.23918                        504521.98
3636075.90        0.23859
         504621.98    3636075.90        0.22846                        504721.98
3636075.90        0.21001
         504821.98    3636075.90        0.19960                        504921.98
3636075.90        0.19231
         505021.98    3636075.90        0.18822                        505121.98
3636075.90        0.18389
         505221.98    3636075.90        0.18006                        505321.98
3636075.90        0.17631
         505421.98    3636075.90        0.17247                        505521.98
3636075.90        0.16911
         505621.98    3636075.90        0.16556                        505721.98
3636075.90        0.16173
         501721.98    3636175.90        0.24047                        501821.98
3636175.90        0.24723
         501921.98    3636175.90        0.25233                        502021.98
3636175.90        0.25567
         502121.98    3636175.90        0.25809                        502221.98
3636175.90        0.25794


                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCKW   ***
                                INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785

, L0000786    , L0000787    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 0.25335 | 502421.98 | 3636175.90 | 0.25059 |
| 502521.98 | 3636175.90 | 0.25403 | 502621.98 | 3636175.90 | 0.25694 |
| 502721.98 | 3636175.90 | 0.26154 | 502821.98 | 3636175.90 | 0.26443 |
| 502921.98 | 3636175.90 | 0.26792 | 503021.98 | 3636175.90 | 0.27269 |
| 503121.98 | 3636175.90 | 0.27755 | 503221.98 | 3636175.90 | 0.27565 |
| 503321.98 | 3636175.90 | 0.27073 | 503421.98 | 3636175.90 | 0.26825 |
| 503521.98 | 3636175.90 | 0.26585 | 503621.98 | 3636175.90 | 0.26111 |
| 503721.98 | 3636175.90 | 0.25822 | 503821.98 | 3636175.90 | 0.25588 |
| 503921.98 | 3636175.90 | 0.25441 | 504021.98 | 3636175.90 | 0.25269 |
| 504121.98 | 3636175.90 | 0.25210 | 504221.98 | 3636175.90 | 0.24808 |
| 504321.98 | 3636175.90 | 0.25152 | 504421.98 | 3636175.90 | 0.24669 |
| 504521.98 | 3636175.90 | 0.22805 | 504621.98 | 3636175.90 | 0.23609 |
| 504721.98 | 3636175.90 | 0.21610 | 504821.98 | 3636175.90 | 0.20720 |
| 504921.98 | 3636175.90 | 0.19530 | 505021.98 | 3636175.90 | 0.18559 |
| 505121.98 | 3636175.90 | 0.17848 | 505221.98 | 3636175.90 | 0.17476 |
| 505321.98 | 3636175.90 | 0.17172 | 505421.98 | 3636175.90 | 0.16842 |
| 505521.98 | 3636175.90 | 0.16436 | 505621.98 | 3636175.90 | 0.16116 |
| 505721.98 | 3636175.90 | 0.15774 | 501721.98 | 3636275.90 | 0.22980 |
| 501821.98 | 3636275.90 | 0.23590 | 501921.98 | 3636275.90 | 0.24143 |

```
         502021.98    3636275.90        0.24493                        502121.98
3636275.90        0.24616
         502221.98    3636275.90        0.24451                        502321.98
3636275.90        0.24230
         502421.98    3636275.90        0.24206                        502521.98
3636275.90        0.24408
         502621.98    3636275.90        0.24979                        502721.98
3636275.90        0.25294
         502821.98    3636275.90        0.25582                        502921.98
3636275.90        0.25916
         503021.98    3636275.90        0.26086                        503121.98
3636275.90        0.26471
         503221.98    3636275.90        0.26576                        503321.98
3636275.90        0.26498
         503421.98    3636275.90        0.26229                        503521.98
3636275.90        0.25969
         503621.98    3636275.90        0.25673                        503721.98
3636275.90        0.25386
         503821.98    3636275.90        0.25169                        503921.98
3636275.90        0.25076
         504021.98    3636275.90        0.25174                        504121.98
3636275.90        0.25089
         504221.98    3636275.90        0.24200                        504321.98
3636275.90        0.19936
         504421.98    3636275.90        0.18566                        504521.98
3636275.90        0.17436
         504621.98    3636275.90        0.20008                        504721.98
3636275.90        0.22200
         504821.98    3636275.90        0.21149                        504921.98
3636275.90        0.20840
         505021.98    3636275.90        0.18094                        505121.98
3636275.90        0.17354
         505221.98    3636275.90        0.17000                        505321.98
3636275.90        0.16728
         505421.98    3636275.90        0.16419                        505521.98
3636275.90        0.16022
         505621.98    3636275.90        0.15704                        505721.98
3636275.90        0.15410
         501721.98    3636375.90        0.21922                        501821.98
3636375.90        0.22569
         501921.98    3636375.90        0.23170                        502021.98
3636375.90        0.23490
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 543
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***

INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 0.23596 | 502221.98 | 3636375.90 | 0.23574 |
| 502321.98 | 3636375.90 | 0.23619 | 502421.98 | 3636375.90 | 0.23519 |
| 502521.98 | 3636375.90 | 0.23701 | 502621.98 | 3636375.90 | 0.23902 |
| 502721.98 | 3636375.90 | 0.24425 | 502821.98 | 3636375.90 | 0.24819 |
| 502921.98 | 3636375.90 | 0.25116 | 503021.98 | 3636375.90 | 0.25316 |
| 503121.98 | 3636375.90 | 0.25395 | 503221.98 | 3636375.90 | 0.25179 |
| 503321.98 | 3636375.90 | 0.25249 | 503421.98 | 3636375.90 | 0.25372 |
| 503521.98 | 3636375.90 | 0.25261 | 503621.98 | 3636375.90 | 0.25137 |
| 503721.98 | 3636375.90 | 0.24881 | 503821.98 | 3636375.90 | 0.24638 |
| 503921.98 | 3636375.90 | 0.24743 | 504021.98 | 3636375.90 | 0.24451 |
| 504121.98 | 3636375.90 | 0.23641 | 504221.98 | 3636375.90 | 0.21213 |
| 504321.98 | 3636375.90 | 0.18029 | 504421.98 | 3636375.90 | 0.16448 |
| 504521.98 | 3636375.90 | 0.16041 | 504621.98 | 3636375.90 | 0.17480 |
| 504721.98 | 3636375.90 | 0.19444 | 504821.98 | 3636375.90 | 0.18085 |
| 504921.98 | 3636375.90 | 0.18520 | 505021.98 | | |

```
3636375.90        0.20120
         505121.98    3636375.90        0.17107                    505221.98
3636375.90        0.16697
         505321.98    3636375.90        0.16346                    505421.98
3636375.90        0.15969
         505521.98    3636375.90        0.15647                    505621.98
3636375.90        0.15334
         505721.98    3636375.90        0.15048                    501721.98
3636475.90        0.20601
         501821.98    3636475.90        0.21382                    501921.98
3636475.90        0.22226
         502021.98    3636475.90        0.22552                    502121.98
3636475.90        0.22773
         502221.98    3636475.90        0.22829                    502321.98
3636475.90        0.22762
         502421.98    3636475.90        0.22699                    502521.98
3636475.90        0.22930
         502621.98    3636475.90        0.23157                    502721.98
3636475.90        0.23562
         502821.98    3636475.90        0.24028                    502921.98
3636475.90        0.24189
         503021.98    3636475.90        0.24206                    503121.98
3636475.90        0.23915
         503221.98    3636475.90        0.23450                    503321.98
3636475.90        0.23787
         503421.98    3636475.90        0.24137                    503521.98
3636475.90        0.24243
         503621.98    3636475.90        0.24215                    503721.98
3636475.90        0.24146
         503821.98    3636475.90        0.24010                    503921.98
3636475.90        0.23614
         504021.98    3636475.90        0.20474                    504121.98
3636475.90        0.20723
         504221.98    3636475.90        0.20266                    504321.98
3636475.90        0.16908
         504421.98    3636475.90        0.15494                    504521.98
3636475.90        0.14964
         504621.98    3636475.90        0.15049                    504721.98
3636475.90        0.15454
         504821.98    3636475.90        0.15740                    504921.98
3636475.90        0.17553
         505021.98    3636475.90        0.19856                    505121.98
3636475.90        0.16759
         505221.98    3636475.90        0.16322                    505321.98
3636475.90        0.15956
         505421.98    3636475.90        0.15555                    505521.98
3636475.90        0.15238
         505621.98    3636475.90        0.14952                    505721.98
3636475.90        0.14661
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

503871.98 3633475.90 12.47575 503921.98
3633475.90 12.69498
503971.98 3633475.90 12.11501 504021.98
3633475.90 10.99244
504071.98 3633475.90 10.75110 504121.98
3633475.90 10.88741
504171.98 3633475.90 10.13328 504221.98
3633475.90 10.12791
504271.98 3633475.90 10.29524 504321.98
3633475.90 10.09523
504371.98 3633475.90 8.94177 504421.98
3633475.90 8.17158
504471.98 3633475.90 7.71012 504521.98
3633475.90 7.49217
504571.98 3633475.90 7.55090 504621.98
3633475.90 7.70135
504671.98 3633475.90 7.73386 504721.98
3633475.90 7.89285
502721.98 3633525.90 10.60694 502771.98
3633525.90 11.04424
502821.98 3633525.90 11.52003 502871.98
3633525.90 12.05148
502921.98 3633525.90 12.62630 502971.98
3633525.90 13.23705
503021.98 3633525.90 13.91454 503071.98
3633525.90 14.66229
503121.98 3633525.90 15.47049 503171.98
3633525.90 16.43327
503221.98 3633525.90 17.58546 503271.98
3633525.90 19.03797
503321.98 3633525.90 20.40154 503371.98
3633525.90 20.54722
503421.98 3633525.90 23.67657 503471.98
3633525.90 29.94812
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3633525.90 51.02053
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504071.98 3633525.90 12.21724 504121.98
3633525.90 12.49271
504171.98 3633525.90 12.17831 504221.98
3633525.90 12.00150
504271.98 3633525.90 11.40595 504321.98
3633525.90 9.67752

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633575.90       10.67739                       502771.98
3633575.90       11.13770
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3633575.90       12.21096
         502921.98    3633575.90       12.80323                       502971.98
3633575.90       13.45825
         503021.98    3633575.90       14.19335                       503071.98
3633575.90       14.98195
         503121.98    3633575.90       15.83235                       503171.98
3633575.90       16.83857
         503221.98    3633575.90       18.03662                       503271.98
3633575.90       19.45478
         503321.98    3633575.90       21.08667                       503371.98

3633575.90 21.98468
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3633575.90 29.68780
503521.98 3633575.90 41.19032 503621.98
3633575.90 57.60511
503671.98 3633575.90 37.11023 503721.98
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503771.98 3633575.90 23.12850 503821.98
3633575.90 19.21007
503871.98 3633575.90 18.74948 503921.98
3633575.90 17.67721
503971.98 3633575.90 15.90160 504021.98
3633575.90 15.04440
504071.98 3633575.90 14.16852 504121.98
3633575.90 14.17018
504171.98 3633575.90 13.90755 504221.98
3633575.90 13.79556
504271.98 3633575.90 11.91049 504321.98
3633575.90 10.16306
504371.98 3633575.90 9.51057 504421.98
3633575.90 8.93223
504471.98 3633575.90 8.81442 504521.98
3633575.90 9.14930
504571.98 3633575.90 9.55325 504621.98
3633575.90 9.32292
504671.98 3633575.90 9.10548 504721.98
3633575.90 8.92962
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3633625.90 11.27096
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503021.98 3633625.90 14.49013 503071.98
3633625.90 15.30991
503121.98 3633625.90 16.22648 503171.98
3633625.90 17.29069
503221.98 3633625.90 18.51128 503271.98
3633625.90 19.98808
503321.98 3633625.90 21.78599 503371.98
3633625.90 23.57678
503421.98 3633625.90 25.38773 503471.98
3633625.90 29.68724
503521.98 3633625.90 38.92284 503621.98
3633625.90 72.64373
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3633625.90 32.44991
503771.98 3633625.90 24.84820 503821.98
3633625.90 21.94455
503871.98 3633625.90 20.84475 503921.98

3633625.90       19.12037
         503971.98    3633625.90       18.02513                       504021.98
3633625.90       16.69285
         504071.98    3633625.90       15.75186                       504121.98
3633625.90       15.96076
         504171.98    3633625.90       15.69649                       504221.98
3633625.90       15.01818
         504271.98    3633625.90       13.31852                       504321.98
3633625.90       11.82080
         504371.98    3633625.90       10.57248                       504421.98
3633625.90        9.92630
         504471.98    3633625.90        9.75202                       504521.98
3633625.90       10.40880
         504571.98    3633625.90       10.44097                       504621.98
3633625.90       10.13305
         504671.98    3633625.90       10.11829                       504721.98
3633625.90        9.69575

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         502721.98    3633675.90       10.90793                       502771.98
3633675.90       11.41811
         502821.98    3633675.90       11.97048                       502871.98
3633625.90       12.57746

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         502921.98    3633675.90       13.26038                    502971.98
3633675.90       13.99859
         503021.98    3633675.90       14.81122                    503071.98
3633675.90       15.68353
         503121.98    3633675.90       16.66791                    503171.98
3633675.90       17.78046
         503221.98    3633675.90       19.05770                    503271.98
3633675.90       20.55958
         503321.98    3633675.90       22.35168                    503371.98
3633675.90       24.52132
         503421.98    3633675.90       27.41629                    503471.98
3633675.90       31.18068
         503521.98    3633675.90       37.61433                    503571.98
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3633675.90       21.32297
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3633675.90       18.59700
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3633675.90       17.87288
         504171.98    3633675.90       17.61603                    504221.98
3633675.90       16.96638
         504271.98    3633675.90       15.38216                    504321.98
3633675.90       13.44077
         504371.98    3633675.90       11.89584                    504421.98
3633675.90       11.24458
         504471.98    3633675.90       11.49752                    504521.98
3633675.90       11.77121
         504571.98    3633675.90       11.44508                    504621.98
3633675.90       11.18808
         504671.98    3633675.90       10.89986                    504721.98
3633675.90       10.62229
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3633725.90       11.58765
         502821.98    3633725.90       12.16748                    502871.98
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3633725.90       14.32475
         503021.98    3633725.90       15.14616                    503071.98
3633725.90       16.10073
         503121.98    3633725.90       17.14602                    503171.98
3633725.90       18.31912
         503221.98    3633725.90       19.66054                    503271.98
3633725.90       21.18244
         503321.98    3633725.90       22.97392                    503371.98
3633725.90       25.11587
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         503421.98    3633725.90       27.82637                       503471.98
3633725.90       31.92025
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3633725.90       49.83572
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3633725.90       33.05420
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3633725.90       25.61842
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3633725.90       21.72287
         504021.98    3633725.90       20.58853                       504071.98
3633725.90       20.04984
         504121.98    3633725.90       20.32417                       504171.98
3633725.90       19.66068
         504221.98    3633725.90       18.72308                       504271.98
3633725.90       18.20226
         504321.98    3633725.90       15.58041                       504371.98
3633725.90       13.87860
         504421.98    3633725.90       13.23820                       504471.98
3633725.90       13.32290
         504521.98    3633725.90       13.09294                       504571.98
3633725.90       12.63155
         504621.98    3633725.90       12.77498                       504671.98
3633725.90       12.26136
         504721.98    3633725.90       11.60679                       502721.98
3633775.90       11.18918
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 547
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 11.76299 | 502821.98 | 3633775.90 | 12.38397 |
| 502871.98 | 3633775.90 | 13.06404 | 502921.98 | 3633775.90 | 13.83344 |
| 502971.98 | 3633775.90 | 14.67076 | 503021.98 | 3633775.90 | 15.56689 |
| 503071.98 | 3633775.90 | 16.56081 | 503121.98 | 3633775.90 | 17.66800 |
| 503171.98 | 3633775.90 | 18.91250 | 503221.98 | 3633775.90 | 20.31388 |
| 503271.98 | 3633775.90 | 21.92143 | 503321.98 | 3633775.90 | 23.76622 |
| 503371.98 | 3633775.90 | 25.93956 | 503421.98 | 3633775.90 | 28.61568 |
| 503471.98 | 3633775.90 | 32.18155 | 503771.98 | 3633775.90 | 37.72759 |
| 503821.98 | 3633775.90 | 32.47890 | 503871.98 | 3633775.90 | 29.38787 |
| 503921.98 | 3633775.90 | 26.18730 | 503971.98 | 3633775.90 | 24.01579 |
| 504021.98 | 3633775.90 | 23.03398 | 504071.98 | 3633775.90 | 24.22972 |
| 504121.98 | 3633775.90 | 23.33553 | 504171.98 | 3633775.90 | 22.62900 |
| 504221.98 | 3633775.90 | 21.49192 | 504271.98 | 3633775.90 | 20.20568 |
| 504321.98 | 3633775.90 | 17.89289 | 504371.98 | 3633775.90 | 16.50820 |
| 504421.98 | 3633775.90 | 15.85566 | 504471.98 | 3633775.90 | 14.94610 |
| 504521.98 | 3633775.90 | 15.23931 | 504571.98 | 3633775.90 | 15.52567 |
| 504621.98 | 3633775.90 | 14.75551 | 504671.98 | 3633775.90 | 13.82957 |
| 504721.98 | 3633775.90 | 12.99069 | 502721.98 | 3633825.90 | 11.34672 |
| 502771.98 | 3633825.90 | 11.94890 | 502821.98 | 3633825.90 | 12.61008 |
| 502871.98 | 3633825.90 | 13.33118 | 502921.98 | 3633825.90 | 14.15129 |
| 502971.98 | 3633825.90 | 15.03158 | 503021.98 | 3633825.90 | 15.98933 |
| 503071.98 | 3633825.90 | 17.05503 | 503121.98 | 3633825.90 | 18.24181 |
| 503171.98 | 3633825.90 | 19.57826 | 503221.98 | | |

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3633825.90       21.07837
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3633825.90       45.50972
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3633825.90       33.72005
         503921.98    3633825.90       29.30806                          503971.98
3633825.90       27.40642
         504021.98    3633825.90       28.77231                          504071.98
3633825.90       27.47869
         504121.98    3633825.90       26.66166                          504171.98
3633825.90       26.23457
         504221.98    3633825.90       24.85943                          504271.98
3633825.90       23.68885
         504321.98    3633825.90       22.43179                          504371.98
3633825.90       20.89799
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3633825.90       17.77124
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3633825.90       15.30571
         504721.98    3633825.90       14.59958                          502721.98
3633875.90       11.50248
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3633875.90       12.83630
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3633875.90       14.48055
         502971.98    3633875.90       15.41033                          503021.98
3633875.90       16.44177
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3633875.90       21.90606
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3633875.90       45.25861
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 548
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
```

, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - -

```
         504121.98    3633925.90       35.97907                       504171.98
3633925.90       34.72856
         504221.98    3633925.90       33.39960                       504271.98
3633925.90       31.54047
         504321.98    3633925.90       30.07258                       504371.98
3633925.90       27.90809
         504421.98    3633925.90       26.55586                       504471.98
3633925.90       24.91395
         504521.98    3633925.90       23.15688                       504571.98
3633925.90       20.82382
         504621.98    3633925.90       18.98873                       504671.98
3633925.90       17.54662
         504721.98    3633925.90       16.23236                       502721.98
3633975.90       11.81846
         502771.98    3633975.90       12.50945                       502821.98
3633975.90       13.27333
         502871.98    3633975.90       14.15418                       502921.98
3633975.90       15.12328
         502971.98    3633975.90       16.16914                       503021.98
3633975.90       17.35848
         503071.98    3633975.90       18.68849                       503121.98
3633975.90       20.18399
         503171.98    3633975.90       21.86343                       503221.98
3633975.90       23.76202
         503271.98    3633975.90       25.92189                       503821.98
3633975.90       69.19062
         503871.98    3633975.90       59.39424                       503921.98
3633975.90       59.40677
         503971.98    3633975.90       52.91217                       504021.98
3633975.90       48.60183
         504071.98    3633975.90       45.08416                       504121.98
3633975.90       43.15242
         504171.98    3633975.90       41.06426                       504221.98
3633975.90       38.38909
         504271.98    3633975.90       36.24137                       504321.98
3633975.90       34.54598
         504371.98    3633975.90       31.68867                       504421.98
3633975.90       29.70066
         504471.98    3633975.90       26.33669                       504521.98
3633975.90       23.04611
         504571.98    3633975.90       21.13289                       504621.98
3633975.90       19.34726
         504671.98    3633975.90       17.55258                       504721.98
3633975.90       15.71523
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 11.99745 | 502771.98 | 3634025.90 | 12.73203 |
| 502821.98 | 3634025.90 | 13.52664 | 502871.98 | 3634025.90 | 14.42301 |
| 502921.98 | 3634025.90 | 15.42137 | 502971.98 | 3634025.90 | 16.55184 |
| 503021.98 | 3634025.90 | 17.83866 | 503071.98 | 3634025.90 | 19.25089 |
| 503121.98 | 3634025.90 | 20.86659 | 503171.98 | 3634025.90 | 22.70428 |
| 503221.98 | 3634025.90 | 24.78995 | 503271.98 | 3634025.90 | 27.17085 |
| 503871.98 | 3634025.90 | 79.34855 | 503921.98 | 3634025.90 | 72.82765 |
| 503971.98 | 3634025.90 | 64.09582 | 504021.98 | 3634025.90 | 59.37051 |
| 504071.98 | 3634025.90 | 54.99248 | 504121.98 | 3634025.90 | 51.60238 |
| 504171.98 | 3634025.90 | 47.73489 | 504221.98 | 3634025.90 | 44.91302 |
| 504271.98 | 3634025.90 | 41.76221 | 504321.98 | 3634025.90 | 38.98303 |
| 504371.98 | 3634025.90 | 35.20402 | 504421.98 | 3634025.90 | 29.94747 |
| 504471.98 | 3634025.90 | 26.44419 | 504521.98 | 3634025.90 | 23.92398 |
| 504571.98 | 3634025.90 | 21.45739 | 504621.98 | | |

3634025.90 18.85377
504671.98 3634025.90 16.91978 504721.98
3634025.90 15.29218
502721.98 3634075.90 12.15568 502771.98
3634075.90 12.88759
502821.98 3634075.90 13.72809 502871.98
3634075.90 14.68511
502921.98 3634075.90 15.74225 502971.98
3634075.90 16.92900
503021.98 3634075.90 18.29555 503071.98
3634075.90 19.82750
503121.98 3634075.90 21.56915 503171.98
3634075.90 23.56972
503221.98 3634075.90 25.86016 503271.98
3634075.90 28.51057
503871.98 3634075.90 104.46575 503921.98
3634075.90 91.58688
503971.98 3634075.90 82.87235 504021.98
3634075.90 73.32994
504071.98 3634075.90 67.00667 504121.98
3634075.90 62.04598
504171.98 3634075.90 57.30547 504221.98
3634075.90 53.02399
504271.98 3634075.90 48.78750 504321.98
3634075.90 43.35463
504371.98 3634075.90 36.57695 504421.98
3634075.90 31.57551
504471.98 3634075.90 27.25325 504521.98
3634075.90 23.47311
504571.98 3634075.90 20.48256 504621.98
3634075.90 17.67078
504671.98 3634075.90 16.10953 504721.98
3634075.90 14.98610
502721.98 3634125.90 12.29937 502771.98
3634125.90 13.05003
502821.98 3634125.90 13.92928 502871.98
3634125.90 14.93478
502921.98 3634125.90 16.03684 502971.98
3634125.90 17.29256
503021.98 3634125.90 18.74310 503071.98
3634125.90 20.37927
503121.98 3634125.90 22.26605 503171.98
3634125.90 24.45037
503221.98 3634125.90 26.94265 503271.98
3634125.90 29.91568
503921.98 3634125.90 122.84781 503971.98
3634125.90 107.53109
504021.98 3634125.90 95.27907 504071.98
3634125.90 84.37039
504121.98 3634125.90 76.19006 504171.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                   L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                   L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504321.98    3634125.90       47.67387                       504371.98
3634125.90       40.10511
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3634125.90       26.44315
         504521.98    3634125.90       22.94291                       504571.98
3634125.90       19.72198
         504621.98    3634125.90       17.22284                       504671.98
3634125.90       15.87412
         504721.98    3634125.90       14.45908                       502721.98
3634175.90       12.38679
         502771.98    3634175.90       13.19809                       502821.98
3634175.90       14.12159
         502871.98    3634175.90       15.16470                       502921.98
3634175.90       16.31674
         502971.98    3634175.90       17.63744                       503021.98
3634175.90       19.17334
         503071.98    3634175.90       20.90883                       503121.98
3634175.90       22.92649

503171.98 3634175.90 25.26682 503221.98
3634175.90 27.98721
503271.98 3634175.90 31.27026 503971.98
3634175.90 150.51398
504021.98 3634175.90 127.23953 504071.98
3634175.90 108.08572
504121.98 3634175.90 92.24156 504171.98
3634175.90 79.55704
504221.98 3634175.90 71.39836 504271.98
3634175.90 61.94002
504321.98 3634175.90 53.17983 504371.98
3634175.90 38.82281
504421.98 3634175.90 28.81428 504471.98
3634175.90 25.26454
504521.98 3634175.90 22.12560 504571.98
3634175.90 18.45603
504621.98 3634175.90 16.04505 504671.98
3634175.90 14.51094
504721.98 3634175.90 12.95968 502721.98
3634225.90 12.49144
502771.98 3634225.90 13.34691 502821.98
3634225.90 14.30932
502871.98 3634225.90 15.38301 502921.98
3634225.90 16.57642
502971.98 3634225.90 17.95640 503021.98
3634225.90 19.56807
503071.98 3634225.90 21.40768 503121.98
3634225.90 23.55686
503171.98 3634225.90 26.07318 503221.98
3634225.90 29.07035
503271.98 3634225.90 32.70271 504071.98
3634225.90 140.82913
504121.98 3634225.90 111.16878 504171.98
3634225.90 91.27819
504221.98 3634225.90 76.17089 504271.98
3634225.90 66.13571
504321.98 3634225.90 55.67494 504371.98
3634225.90 37.68624
504421.98 3634225.90 27.88420 504471.98
3634225.90 24.45225
504521.98 3634225.90 21.35403 504571.98
3634225.90 18.10606
504621.98 3634225.90 15.60710 504671.98
3634225.90 13.74039
504721.98 3634225.90 12.26188 502721.98
3634275.90 12.59493
502771.98 3634275.90 13.45754 502821.98
3634275.90 14.45060
502871.98 3634275.90 15.59676 502921.98
3634275.90 16.81983

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         502971.98    3634275.90       18.23738                       503021.98
3634275.90       19.93097
         503071.98    3634275.90       21.86677                       503121.98
3634275.90       24.13726
         503171.98    3634275.90       26.84714                       503221.98
3634275.90       30.09573
         503271.98    3634275.90       34.10044                       504121.98
3634275.90      129.19279
         504171.98    3634275.90      100.14388                       504221.98
3634275.90       82.15763
         504271.98    3634275.90       68.06335                       504321.98
3634275.90       55.36395
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 551
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504371.98    3634275.90       40.40184                       504421.98
3634275.90       29.86966
         504471.98    3634275.90       24.51708                       504521.98
3634275.90       20.62608
         504571.98    3634275.90       17.44761                       504621.98
3634275.90       15.17175
         504671.98    3634275.90       13.31731                       504721.98
3634275.90       12.00799
         502721.98    3634325.90       12.57690                       502771.98
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3634325.90 13.47528
502821.98 3634325.90 14.47336 502871.98
3634325.90 15.77258
502971.98 3634325.90 18.48644 503021.98
3634325.90 20.23350
503071.98 3634325.90 22.27008 503121.98
3634325.90 24.65793
503171.98 3634325.90 27.52907 503221.98
3634325.90 31.01503
503271.98 3634325.90 35.34505 504171.98
3634325.90 109.35755
504221.98 3634325.90 83.37276 504271.98
3634325.90 69.57306
504321.98 3634325.90 57.16349 504371.98
3634325.90 44.65474
504421.98 3634325.90 31.72373 504471.98
3634325.90 25.25982
504521.98 3634325.90 20.57328 504571.98
3634325.90 17.10235
504621.98 3634325.90 14.66144 504671.98
3634325.90 12.94500
504721.98 3634325.90 11.82030 502721.98
3634375.90 12.58465
502771.98 3634375.90 13.50465 502821.98
3634375.90 14.51085
503021.98 3634375.90 20.41262 503071.98
3634375.90 22.56957
503121.98 3634375.90 25.05558 503171.98
3634375.90 28.03627
503221.98 3634375.90 31.72307 503271.98
3634375.90 36.31964
504221.98 3634375.90 90.38422 504271.98
3634375.90 72.37434
504321.98 3634375.90 60.26205 504371.98
3634375.90 43.84392
504421.98 3634375.90 29.19351 504471.98
3634375.90 23.05120
504521.98 3634375.90 19.33025 504571.98
3634375.90 16.65743
504621.98 3634375.90 14.69038 504671.98
3634375.90 13.17915
504721.98 3634375.90 12.01770 502721.98
3634425.90 12.64178
502771.98 3634425.90 13.54298 502821.98
3634425.90 14.55999
504271.98 3634425.90 76.41356 504321.98
3634425.90 62.36809
504371.98 3634425.90 46.98843 504421.98
3634425.90 31.59422
504471.98 3634425.90 24.07656 504521.98

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3634425.90       20.08345
         504571.98    3634425.90       17.80505                       504621.98
3634425.90       16.02141
         504671.98    3634425.90       14.28510                       504721.98
3634425.90       12.74860
         502721.98    3634475.90       12.71647                       502771.98
3634475.90       13.66200
         502821.98    3634475.90       14.71201                       504321.98
3634475.90       66.13900
         504371.98    3634475.90       53.98930                       504421.98
3634475.90       41.84311
         504471.98    3634475.90       29.60017                       504521.98
3634475.90       23.99868
         504571.98    3634475.90       21.04511                       504621.98
3634475.90       18.82593
         504671.98    3634475.90       16.04912                       504721.98
3634475.90       13.82568
         502721.98    3634525.90       12.71492                       502771.98
3634525.90       13.62258
         504371.98    3634525.90       58.45458                       504421.98
3634525.90       48.13694
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 552
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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502721.98 3634575.90 12.62411 502771.98 3634575.90 13.53288
504421.98 3634575.90 52.86478 504471.98 3634575.90 43.49995
504521.98 3634575.90 37.34144 504571.98 3634575.90 32.51317
504621.98 3634575.90 27.33741 504671.98 3634575.90 22.18290
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502771.98 3634625.90 13.37017 502821.98 3634625.90 14.38455
502871.98 3634625.90 15.51143 502921.98 3634625.90 16.78778
502971.98 3634625.90 18.26571 503021.98 3634625.90 19.97597
503071.98 3634625.90 21.96918 503121.98 3634625.90 24.31287
504471.98 3634625.90 48.62458 504521.98 3634625.90 39.85241
504571.98 3634625.90 34.23094 504621.98 3634625.90 30.17304
504671.98 3634625.90 26.97917 504721.98 3634625.90 22.75295
502721.98 3634675.90 12.31713 502771.98 3634675.90 13.17297
502821.98 3634675.90 14.14676 502871.98 3634675.90 15.22908
502921.98 3634675.90 16.45276 502971.98 3634675.90 17.86011
503021.98 3634675.90 19.46211 503071.98 3634675.90 21.32440
503121.98 3634675.90 23.52739 503171.98 3634675.90 26.10696
503221.98 3634675.90 29.18090 503271.98 3634675.90 32.84989
503321.98 3634675.90 37.41023 503371.98 3634675.90 43.11835
503421.98 3634675.90 50.36242 503471.98 3634675.90 59.62110
503521.98 3634675.90 71.77093 504521.98 3634675.90 45.22774
504571.98 3634675.90 36.88670 504621.98 3634675.90 31.64165

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         504671.98    3634675.90       27.82283                       504721.98
3634675.90       24.97966
         502721.98    3634725.90       12.10100                       502771.98
3634725.90       12.91859
         502821.98    3634725.90       13.83478                       502871.98
3634725.90       14.87434
         502921.98    3634725.90       16.03226                       502971.98
3634725.90       17.34473
         503021.98    3634725.90       18.84704                       503071.98
3634725.90       20.56403
         503121.98    3634725.90       22.57960                       503171.98
3634725.90       24.92731
         503221.98    3634725.90       27.69031                       503271.98
3634725.90       30.96041
         503321.98    3634725.90       34.93938                       503371.98
3634725.90       39.78994
         503421.98    3634725.90       45.73551                       503471.98
3634725.90       52.96731
         503521.98    3634725.90       62.04507                       503571.98
3634725.90       73.40387
         503621.98    3634725.90       86.28048                       504571.98
3634725.90       42.43168
         504621.98    3634725.90       34.28143                       504671.98
3634725.90       29.30567
         504721.98    3634725.90       25.82559                       502721.98
3634775.90       11.84573
         502771.98    3634775.90       12.61503                       502821.98
3634775.90       13.48671
         502871.98    3634775.90       14.45993                       502921.98
3634775.90       15.54407
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 553
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 16.75874 | 503021.98 | 3634775.90 | 18.15395 |
| 503071.98 | 3634775.90 | 19.73235 | 503121.98 | 3634775.90 | 21.55587 |
| 503171.98 | 3634775.90 | 23.66723 | 503221.98 | 3634775.90 | 26.10770 |
| 503271.98 | 3634775.90 | 28.98672 | 503321.98 | 3634775.90 | 32.40513 |
| 503371.98 | 3634775.90 | 36.46441 | 503421.98 | 3634775.90 | 41.31806 |
| 503471.98 | 3634775.90 | 46.98169 | 503521.98 | 3634775.90 | 53.70366 |
| 503571.98 | 3634775.90 | 61.35994 | 503621.98 | 3634775.90 | 69.58947 |
| 503671.98 | 3634775.90 | 77.62835 | 503721.98 | 3634775.90 | 84.60704 |
| 503771.98 | 3634775.90 | 89.26669 | 503821.98 | 3634775.90 | 90.17231 |
| 504621.98 | 3634775.90 | 39.45494 | 504671.98 | 3634775.90 | 31.74607 |
| 504721.98 | 3634775.90 | 27.22767 | 502721.98 | 3634825.90 | 11.55372 |
| 502771.98 | 3634825.90 | 12.29142 | 502821.98 | 3634825.90 | 13.10095 |
| 502871.98 | 3634825.90 | 14.00230 | 502921.98 | 3634825.90 | 15.01243 |
| 502971.98 | 3634825.90 | 16.14134 | 503021.98 | 3634825.90 | 17.41468 |
| 503071.98 | 3634825.90 | 18.85333 | 503121.98 | 3634825.90 | 20.50378 |
| 503171.98 | 3634825.90 | 22.37461 | 503221.98 | 3634825.90 | 24.54336 |
| 503271.98 | 3634825.90 | 27.05851 | 503321.98 | 3634825.90 | 29.98136 |
| 503371.98 | 3634825.90 | 33.35823 | 503421.98 | 3634825.90 | 37.21182 |
| 503471.98 | 3634825.90 | 41.60253 | 503521.98 | 3634825.90 | 46.52989 |
| 503571.98 | 3634825.90 | 51.86790 | 503621.98 | 3634825.90 | 57.19816 |
| 503671.98 | 3634825.90 | 62.16632 | 503721.98 | | |

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3634825.90       66.28738
         503771.98    3634825.90       68.99252                       503821.98
3634825.90       69.78445
         503871.98    3634825.90       68.64985                       503921.98
3634825.90       66.02028
         504671.98    3634825.90       36.29386                       504721.98
3634825.90       29.44002
         502721.98    3634875.90       11.23661                       502771.98
3634875.90       11.92739
         502821.98    3634875.90       12.68701                       502871.98
3634875.90       13.51918
         502921.98    3634875.90       14.45951                       502971.98
3634875.90       15.50162
         503021.98    3634875.90       16.66771                       503071.98
3634875.90       17.97856
         503121.98    3634875.90       19.46067                       503171.98
3634875.90       21.12174
         503221.98    3634875.90       23.03998                       503271.98
3634875.90       25.22746
         503321.98    3634875.90       27.67863                       503371.98
3634875.90       30.46264
         503421.98    3634875.90       33.55411                       503471.98
3634875.90       36.92186
         503521.98    3634875.90       40.55925                       503571.98
3634875.90       44.29254
         503621.98    3634875.90       47.93646                       503671.98
3634875.90       51.20729
         503721.98    3634875.90       53.79479                       503771.98
3634875.90       55.50682
         503821.98    3634875.90       56.10481                       503871.98
3634875.90       56.03586
         503921.98    3634875.90       56.00145                       504721.98
3634875.90       33.33658
         502721.98    3634925.90       10.90992                       502771.98
3634925.90       11.55111
         502821.98    3634925.90       12.26142                       502871.98
3634925.90       13.03322
         502921.98    3634925.90       13.90307                       502971.98
3634925.90       14.86142
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 554
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
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```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503021.98    3634925.90       15.92644                        503071.98
3634925.90       17.11484
         503121.98    3634925.90       18.44773                        503171.98
3634925.90       19.94048
         503221.98    3634925.90       21.61458                        503271.98
3634925.90       23.47817
         503321.98    3634925.90       25.54831                        503371.98
3634925.90       27.82483
         503421.98    3634925.90       30.28826                        503471.98
3634925.90       32.90630
         503521.98    3634925.90       35.61982                        503571.98
3634925.90       38.32508
         503621.98    3634925.90       40.90033                        503671.98
3634925.90       43.15658
         503721.98    3634925.90       44.52098                        503771.98
3634925.90       45.79497
         503821.98    3634925.90       47.16364                        503871.98
3634925.90       48.13554
         502721.98    3634975.90       10.57811                        502771.98
3634975.90       11.17236
         502821.98    3634975.90       11.83226                        502871.98
3634975.90       12.55812
         502921.98    3634975.90       13.35853                        502971.98
3634975.90       14.22423
         503021.98    3634975.90       15.19902                        503071.98
3634975.90       16.28058
         503121.98    3634975.90       17.47422                        503171.98
3634975.90       18.77357
         503221.98    3634975.90       20.22809                        503271.98
3634975.90       21.84461
         503321.98    3634975.90       23.59120                        503371.98
3634975.90       25.46568
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3634975.90       29.46758
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3634975.90       33.52545
         503621.98    3634975.90       35.41189                       503671.98
3634975.90       37.05664
         503721.98    3634975.90       37.86334                       503771.98
3634975.90       39.47322
         503821.98    3634975.90       40.56214                       503871.98
3634975.90       39.82506
         502721.98    3635025.90       10.24573                       502771.98
3635025.90       10.80963
         502821.98    3635025.90       11.42199                       502871.98
3635025.90       12.09157
         502921.98    3635025.90       12.82170                       502971.98
3635025.90       13.62505
         503021.98    3635025.90       14.50974                       503071.98
3635025.90       15.47982
         503121.98    3635025.90       16.54080                       503171.98
3635025.90       17.69905
         503221.98    3635025.90       18.96589                       503271.98
3635025.90       20.33079
         503321.98    3635025.90       21.78394                       503371.98
3635025.90       23.31328
         503421.98    3635025.90       24.88412                       503471.98
3635025.90       26.49669
         503521.98    3635025.90       28.08625                       503571.98
3635025.90       29.60760
         503621.98    3635025.90       31.00368                       503671.98
3635025.90       32.02705
         503721.98    3635025.90       33.24558                       503771.98
3635025.90       34.33623
         503821.98    3635025.90       35.08591                       504371.98
3635025.90       25.27491
         502721.98    3635075.90        9.92317                       502771.98
3635075.90       10.44623
         502821.98    3635075.90       11.01410                       502871.98
3635075.90       11.63182
         502921.98    3635075.90       12.30626                       502971.98
3635075.90       13.04123
         503021.98    3635075.90       13.84070                       503071.98
3635075.90       14.70989
         503121.98    3635075.90       15.65316                       503171.98
3635075.90       16.67023
         503221.98    3635075.90       17.76233                       503271.98
3635075.90       18.91827
         503321.98    3635075.90       20.13189                       503371.98
3635075.90       21.39003
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
```

                           *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL      ***
                           INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)        Y-COORD (M)        CONC
 - - -

3635125.90 16.62601
503271.98 3635125.90 17.61309 503321.98
3635125.90 18.62623
503371.98 3635125.90 19.66579 503421.98
3635125.90 20.72438
503471.98 3635125.90 21.75115 503521.98
3635125.90 22.74372
503571.98 3635125.90 23.49107 503621.98
3635125.90 24.39175
503671.98 3635125.90 25.03353 503721.98
3635125.90 26.21275
503771.98 3635125.90 26.94469 503821.98
3635125.90 26.95687
504371.98 3635125.90 21.49032 504421.98
3635125.90 21.06174
504471.98 3635125.90 20.79964 504521.98
3635125.90 20.73249
504571.98 3635125.90 20.89826 502721.98
3635175.90 9.28670
502771.98 3635175.90 9.73436 502821.98
3635175.90 10.22043
502871.98 3635175.90 10.74452 502921.98
3635175.90 11.32225
502971.98 3635175.90 11.93029 503021.98
3635175.90 12.57482
503071.98 3635175.90 13.26603 503121.98
3635175.90 14.00381
503171.98 3635175.90 14.77910 503221.98
3635175.90 15.57982
503271.98 3635175.90 16.41935 503321.98
3635175.90 17.26912
503371.98 3635175.90 18.13789 503421.98
3635175.90 19.01830
503471.98 3635175.90 19.82850 503521.98
3635175.90 20.63730
503571.98 3635175.90 21.22029 503621.98
3635175.90 21.90357
503671.98 3635175.90 22.61244 503721.98
3635175.90 23.66358
503771.98 3635175.90 23.84687 503821.98
3635175.90 22.95444
504371.98 3635175.90 19.88782 504421.98
3635175.90 19.51905
504471.98 3635175.90 19.26449 504521.98
3635175.90 19.15209
504571.98 3635175.90 19.23305 504621.98
3635175.90 19.43100
502721.98 3635225.90 8.97960 502771.98
3635225.90 9.40137
502821.98 3635225.90 9.85201 502871.98

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 14.62598 | 503271.98 | 3635225.90 | 15.34215 |
| 503321.98 | 3635225.90 | 16.06866 | 503371.98 | 3635225.90 | 16.79596 |
| 503421.98 | 3635225.90 | 17.51290 | 503471.98 | 3635225.90 | 18.20118 |
| 503521.98 | 3635225.90 | 18.83221 | 503571.98 | 3635225.90 | 19.27501 |
| 503621.98 | 3635225.90 | 19.96247 | 503671.98 | 3635225.90 | 20.79881 |
| 504371.98 | 3635225.90 | 18.45158 | 504421.98 | 3635225.90 | 18.13424 |
| 504471.98 | 3635225.90 | 17.89496 | 504521.98 | 3635225.90 | 17.75640 |

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         504571.98    3635225.90       17.75384                    504621.98
3635225.90       17.90822
         502721.98    3635275.90        8.67715                    502771.98
3635275.90        9.06343
         502821.98    3635275.90        9.47824                    502871.98
3635275.90        9.92330
         502921.98    3635275.90       10.38929                    502971.98
3635275.90       10.88786
         503021.98    3635275.90       11.40543                    503071.98
3635275.90       11.95100
         503121.98    3635275.90       12.51849                    503171.98
3635275.90       13.10569
         503221.98    3635275.90       13.73166                    503271.98
3635275.90       14.34427
         503321.98    3635275.90       14.96449                    503371.98
3635275.90       15.57061
         503421.98    3635275.90       16.17542                    503471.98
3635275.90       16.75209
         503521.98    3635275.90       17.30970                    503571.98
3635275.90       17.70356
         503621.98    3635275.90       18.17179                    504371.98
3635275.90       17.14624
         504421.98    3635275.90       16.97405                    504471.98
3635275.90       16.66403
         504521.98    3635275.90       16.51772                    504571.98
3635275.90       16.46095
         504621.98    3635275.90       16.53014                    504671.98
3635275.90       16.69440
         502721.98    3635325.90        8.38487                    502771.98
3635325.90        8.74276
         502821.98    3635325.90        9.12427                    502871.98
3635325.90        9.52903
         502921.98    3635325.90        9.95265                    502971.98
3635325.90       10.40412
         503021.98    3635325.90       10.86505                    503071.98
3635325.90       11.34904
         503121.98    3635325.90       11.84766                    503171.98
3635325.90       12.36058
         503221.98    3635325.90       12.90767                    503271.98
3635325.90       13.43362
         503321.98    3635325.90       13.96060                    503371.98
3635325.90       14.47414
         503421.98    3635325.90       14.97943                    503471.98
3635325.90       15.47023
         503521.98    3635325.90       15.94490                    503571.98
3635325.90       16.35860
         503621.98    3635325.90       16.64281                    504371.98
3635325.90       16.11373
         504421.98    3635325.90       15.83719                    504471.98
3635325.90       15.55340
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         504521.98    3635325.90       15.40286                       504571.98
3635325.90       15.31557
         504621.98    3635325.90       15.32792                       504671.98
3635325.90       15.44359
         504721.98    3635325.90       15.57017                       502721.98
3635375.90        8.07232
         502771.98    3635375.90        8.25900                       502821.98
3635375.90        8.58490
         502871.98    3635375.90        8.94201                       502921.98
3635375.90        9.34800
         502971.98    3635375.90        9.90200                       503021.98
3635375.90       10.20704
         503071.98    3635375.90       10.59769                       503121.98
3635375.90       11.17713
         503171.98    3635375.90       11.65873                       503221.98
3635375.90       12.15059
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 557
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         503271.98    3635375.90       12.60475                       503321.98
3635375.90       13.05413
         503371.98    3635375.90       13.49375                       503421.98
3635375.90       13.92917
         503471.98    3635375.90       14.34785                       503521.98
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3635375.90       14.74847
         503571.98    3635375.90       15.10160                    503621.98
3635375.90       15.37037
         503671.98    3635375.90       15.76653                    503721.98
3635375.90       16.44563
         504371.98    3635375.90       15.05394                    504421.98
3635375.90       14.76935
         504471.98    3635375.90       14.54354                    504521.98
3635375.90       14.40088
         504571.98    3635375.90       14.29802                    504621.98
3635375.90       14.30146
         504671.98    3635375.90       14.32747                    504721.98
3635375.90       14.39546
         502721.98    3635425.90        7.71442                    502771.98
3635425.90        7.94151
         502821.98    3635425.90        8.24450                    502871.98
3635425.90        8.57304
         502921.98    3635425.90        8.92555                    502971.98
3635425.90        9.30342
         503021.98    3635425.90        9.68479                    503071.98
3635425.90       10.07845
         503121.98    3635425.90       10.60949                    503171.98
3635425.90       11.01048
         503221.98    3635425.90       11.44063                    503271.98
3635425.90       11.76287
         503321.98    3635425.90       12.14900                    503371.98
3635425.90       12.58376
         503421.98    3635425.90       12.97366                    503471.98
3635425.90       13.29443
         503521.98    3635425.90       13.61113                    503571.98
3635425.90       13.93336
         503621.98    3635425.90       14.22766                    503671.98
3635425.90       14.57521
         503721.98    3635425.90       14.95245                    503771.98
3635425.90       15.29947
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3635425.90       14.13806
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3635425.90       13.76388
         504521.98    3635425.90       13.49418                    504571.98
3635425.90       13.38706
         504621.98    3635425.90       13.39622                    504671.98
3635425.90       13.35802
         504721.98    3635425.90       13.36220                    502721.98
3635475.90        7.39878
         502771.98    3635475.90        7.65382                    502821.98
3635475.90        7.94293
         502871.98    3635475.90        8.24831                    502921.98
3635475.90        8.58236
         502971.98    3635475.90        8.90463                    503021.98
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3635475.90        9.24903
         503071.98    3635475.90        9.62530                      503121.98
3635475.90       10.07608
         503171.98    3635475.90       10.42248                      503221.98
3635475.90       10.74818
         503271.98    3635475.90       11.07258                      503321.98
3635475.90       11.40381
         503371.98    3635475.90       11.74044                      503421.98
3635475.90       12.06845
         503471.98    3635475.90       12.38612                      503521.98
3635475.90       12.68900
         503571.98    3635475.90       12.95018                      503621.98
3635475.90       13.20117
         503671.98    3635475.90       13.44277                      503721.98
3635475.90       13.67720
         503771.98    3635475.90       14.06691                      503821.98
3635475.90       14.24414
         503871.98    3635475.90       14.39180                      503921.98
3635475.90       14.60761
         504371.98    3635475.90       13.07761                      504421.98
3635475.90       12.93301
         504471.98    3635475.90       12.90528                      504521.98
3635475.90       12.66714
         504571.98    3635475.90       12.63371                      504621.98
3635475.90       12.57107
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 558
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 12.50848 | 504721.98 | 3635475.90 | 12.61711 |
| 502221.98 | 3632975.90 | 12.18653 | 502271.98 | 3632975.90 | 12.33153 |
| 502321.98 | 3632975.90 | 12.47914 | 502371.98 | 3632975.90 | 12.63213 |
| 502421.98 | 3632975.90 | 12.77929 | 502471.98 | 3632975.90 | 12.91796 |
| 502521.98 | 3632975.90 | 12.99067 | 502571.98 | 3632975.90 | 13.10759 |
| 502621.98 | 3632975.90 | 13.23753 | 502671.98 | 3632975.90 | 13.38423 |
| 502721.98 | 3632975.90 | 13.53981 | 502771.98 | 3632975.90 | 13.72238 |
| 502821.98 | 3632975.90 | 13.35329 | 502871.98 | 3632975.90 | 13.07756 |
| 502921.98 | 3632975.90 | 13.21948 | 502971.98 | 3632975.90 | 9.64657 |
| 503021.98 | 3632975.90 | 9.74520 | 503071.98 | 3632975.90 | 12.64069 |
| 503121.98 | 3632975.90 | 14.10123 | 503171.98 | 3632975.90 | 14.80303 |
| 503221.98 | 3632975.90 | 15.47744 | 503271.98 | 3632975.90 | 16.31523 |
| 503321.98 | 3632975.90 | 17.49535 | 503371.98 | 3632975.90 | 19.25946 |
| 503421.98 | 3632975.90 | 22.37813 | 503471.98 | 3632975.90 | 28.74717 |
| 503621.98 | 3632975.90 | 35.06697 | 503671.98 | 3632975.90 | 22.37731 |
| 503721.98 | 3632975.90 | 16.17554 | 503771.98 | 3632975.90 | 12.01850 |
| 503821.98 | 3632975.90 | 8.76260 | 503871.98 | 3632975.90 | 7.31140 |
| 503921.98 | 3632975.90 | 6.63718 | 503971.98 | 3632975.90 | 6.22725 |
| 504021.98 | 3632975.90 | 5.85569 | 504071.98 | 3632975.90 | 5.62366 |
| 504121.98 | 3632975.90 | 5.34074 | 504171.98 | 3632975.90 | 5.17045 |
| 504221.98 | 3632975.90 | 5.00651 | 504271.98 | 3632975.90 | 4.87080 |
| 504321.98 | 3632975.90 | 4.73996 | 504371.98 | 3632975.90 | 4.57899 |
| 504421.98 | 3632975.90 | 4.45408 | 504471.98 | 3632975.90 | 4.35188 |

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         504521.98    3632975.90        4.27231                        504571.98
3632975.90        4.19358
         504621.98    3632975.90        4.11757                        504671.98
3632975.90        4.05576
         504721.98    3632975.90        4.00751                        504771.98
3632975.90        3.96371
         504821.98    3632975.90        3.90975                        504871.98
3632975.90        3.86627
         504921.98    3632975.90        3.83104                        504971.98
3632975.90        3.79099
         505021.98    3632975.90        3.74235                        505071.98
3632975.90        3.70277
         505121.98    3632975.90        3.68376                        505171.98
3632975.90        3.68711
         505221.98    3632975.90        3.69827                        502221.98
3633025.90       10.76714
         502271.98    3633025.90       11.05083                        502321.98
3633025.90       11.19139
         502371.98    3633025.90       11.37240                        502421.98
3633025.90       11.55105
         502471.98    3633025.90       11.68482                        502521.98
3633025.90       11.84332
         502571.98    3633025.90       12.00481                        502621.98
3633025.90       12.18681
         502671.98    3633025.90       12.35749                        502721.98
3633025.90       12.53873
         502771.98    3633025.90       12.74664                        502821.98
3633025.90       12.33500
         502871.98    3633025.90       12.26980                        502921.98
3633025.90       12.23765
         502971.98    3633025.90        9.21641                        503021.98
3633025.90       10.27007
         503071.98    3633025.90       12.67006                        503121.98
3633025.90       13.58080
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 559
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
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L0000911 , L0000912 , L0000913 , L0000914 , L0000915
, L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 14.20032 | 503221.98 | 3633025.90 | 14.95858 |
| 503271.98 | 3633025.90 | 15.80189 | 503321.98 | 3633025.90 | 17.01639 |
| 503371.98 | 3633025.90 | 18.82704 | 503421.98 | 3633025.90 | 22.19076 |
| 503471.98 | 3633025.90 | 28.81245 | 503621.98 | 3633025.90 | 36.05464 |
| 503671.98 | 3633025.90 | 23.53055 | 503721.98 | 3633025.90 | 17.71627 |
| 503771.98 | 3633025.90 | 11.27726 | 503821.98 | 3633025.90 | 8.69648 |
| 503871.98 | 3633025.90 | 7.47521 | 503921.98 | 3633025.90 | 6.82040 |
| 503971.98 | 3633025.90 | 6.38436 | 504021.98 | 3633025.90 | 6.03910 |
| 504071.98 | 3633025.90 | 5.75389 | 504121.98 | 3633025.90 | 5.52543 |
| 504171.98 | 3633025.90 | 5.34420 | 504221.98 | 3633025.90 | 5.19510 |
| 504271.98 | 3633025.90 | 5.05213 | 504321.98 | 3633025.90 | 4.91598 |
| 504371.98 | 3633025.90 | 4.75618 | 504421.98 | 3633025.90 | 4.62846 |
| 504471.98 | 3633025.90 | 4.52655 | 504521.98 | 3633025.90 | 4.42606 |
| 504571.98 | 3633025.90 | 4.34116 | 504621.98 | 3633025.90 | 4.27120 |
| 504671.98 | 3633025.90 | 4.21571 | 504721.98 | 3633025.90 | 4.17079 |
| 504771.98 | 3633025.90 | 4.13361 | 504821.98 | 3633025.90 | 4.09014 |
| 504871.98 | 3633025.90 | 4.06193 | 504921.98 | 3633025.90 | 4.02685 |
| 504971.98 | 3633025.90 | 3.97619 | 505021.98 | 3633025.90 | 3.91566 |
| 505071.98 | 3633025.90 | 3.87438 | 505121.98 | | |

3633025.90        3.85984
         505171.98    3633025.90        3.87012                    505221.98
3633025.90        3.90470
         502221.98    3633075.90        9.89429                    502271.98
3633075.90       10.14815
         502321.98    3633075.90       10.32915                    502371.98
3633075.90       10.50994
         502421.98    3633075.90       10.69395                    502471.98
3633075.90       10.84050
         502521.98    3633075.90       11.02393                    502571.98
3633075.90       11.22952
         502621.98    3633075.90       11.42838                    502671.98
3633075.90       11.60840
         502721.98    3633075.90       11.84784                    502771.98
3633075.90       12.07020
         502821.98    3633075.90       11.83439                    502871.98
3633075.90       11.82818
         502921.98    3633075.90       11.82937                    502971.98
3633075.90       11.63113
         503021.98    3633075.90       12.10849                    503071.98
3633075.90       12.57273
         503121.98    3633075.90       13.23651                    503171.98
3633075.90       13.90136
         503221.98    3633075.90       14.78220                    503271.98
3633075.90       15.58413
         503321.98    3633075.90       16.80831                    503371.98
3633075.90       18.68457
         503421.98    3633075.90       22.10844                    503471.98
3633075.90       28.86092
         503621.98    3633075.90       36.53278                    503671.98
3633075.90       23.16608
         503721.98    3633075.90       17.14217                    503771.98
3633075.90       11.17441
         503821.98    3633075.90        8.77827                    503871.98
3633075.90        7.60724
         503921.98    3633075.90        7.03382                    503971.98
3633075.90        6.64126
         504021.98    3633075.90        6.25699                    504071.98
3633075.90        5.96904
         504121.98    3633075.90        5.73977                    504171.98
3633075.90        5.55287
         504221.98    3633075.90        5.39476                    504271.98
3633075.90        5.24851

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 5.12106 | 504371.98 | 3633075.90 | 4.94866 |
| 504421.98 | 3633075.90 | 4.82886 | 504471.98 | 3633075.90 | 4.70522 |
| 504521.98 | 3633075.90 | 4.59808 | 504571.98 | 3633075.90 | 4.51444 |
| 504621.98 | 3633075.90 | 4.44577 | 504671.98 | 3633075.90 | 4.39525 |
| 504721.98 | 3633075.90 | 4.35394 | 504771.98 | 3633075.90 | 4.32454 |
| 504821.98 | 3633075.90 | 4.29328 | 504871.98 | 3633075.90 | 4.27028 |
| 504921.98 | 3633075.90 | 4.25139 | 504971.98 | 3633075.90 | 4.18144 |
| 505021.98 | 3633075.90 | 4.11330 | 505071.98 | 3633075.90 | 4.06741 |
| 505121.98 | 3633075.90 | 4.05018 | 505171.98 | 3633075.90 | 4.06353 |
| 505221.98 | 3633075.90 | 4.09037 | 502221.98 | 3633125.90 | 9.28215 |
| 502271.98 | 3633125.90 | 9.49077 | 502321.98 | 3633125.90 | 9.68399 |
| 502371.98 | 3633125.90 | 9.87438 | 502421.98 | 3633125.90 | 10.07388 |
| 502471.98 | 3633125.90 | 10.25648 | 502521.98 | 3633125.90 | 10.45512 |
| 502571.98 | 3633125.90 | 10.66233 | 502621.98 | 3633125.90 | 10.87774 |

| | | | | |
|---|---|---|---|---|
| 502671.98 | 3633125.90 | 11.11874 | 502721.98 | 3633125.90 | 11.35437 |
| 502771.98 | 3633125.90 | 11.63249 | 502821.98 | 3633125.90 | 11.90772 |
| 502871.98 | 3633125.90 | 11.59506 | 502921.98 | 3633125.90 | 11.73595 |
| 502971.98 | 3633125.90 | 11.74806 | 503021.98 | 3633125.90 | 11.96526 |
| 503071.98 | 3633125.90 | 12.49923 | 503121.98 | 3633125.90 | 13.10812 |
| 503171.98 | 3633125.90 | 13.86909 | 503221.98 | 3633125.90 | 14.70268 |
| 503271.98 | 3633125.90 | 15.59057 | 503321.98 | 3633125.90 | 16.88727 |
| 503371.98 | 3633125.90 | 18.71945 | 503421.98 | 3633125.90 | 22.17264 |
| 503471.98 | 3633125.90 | 28.95680 | 503621.98 | 3633125.90 | 36.02589 |
| 503671.98 | 3633125.90 | 21.48179 | 503721.98 | 3633125.90 | 16.05369 |
| 503771.98 | 3633125.90 | 10.80591 | 503821.98 | 3633125.90 | 8.89049 |
| 503871.98 | 3633125.90 | 7.84511 | 503921.98 | 3633125.90 | 7.28585 |
| 503971.98 | 3633125.90 | 6.88763 | 504021.98 | 3633125.90 | 6.45964 |
| 504071.98 | 3633125.90 | 6.19962 | 504121.98 | 3633125.90 | 5.99083 |
| 504171.98 | 3633125.90 | 5.80229 | 504221.98 | 3633125.90 | 5.63275 |
| 504271.98 | 3633125.90 | 5.48578 | 504321.98 | 3633125.90 | 5.33364 |
| 504371.98 | 3633125.90 | 5.18365 | 504421.98 | 3633125.90 | 5.05691 |
| 504471.98 | 3633125.90 | 4.91462 | 504521.98 | 3633125.90 | 4.79910 |
| 504571.98 | 3633125.90 | 4.71188 | 504621.98 | 3633125.90 | 4.65179 |
| 504671.98 | 3633125.90 | 4.60815 | 504721.98 | 3633125.90 | 4.56829 |
| 504771.98 | 3633125.90 | 4.53708 | 504821.98 | 3633125.90 | 4.50684 |
| 504871.98 | 3633125.90 | 4.49493 | 504921.98 | 3633125.90 | 4.51453 |
| 504971.98 | 3633125.90 | 4.43110 | 505021.98 | 3633125.90 | 4.33680 |
| 505071.98 | 3633125.90 | 4.26943 | 505121.98 | 3633125.90 | 4.25089 |
| 505171.98 | 3633125.90 | 4.25813 | 505221.98 | 3633125.90 | 4.29125 |

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         502321.98    3633175.90        9.18930                      502371.98
3633175.90        9.42339
         502421.98    3633175.90        9.64554                      502471.98
3633175.90        9.84120
         502521.98    3633175.90       10.05966                      502571.98
3633175.90       10.29066
         502621.98    3633175.90       10.52851                      502671.98
3633175.90       10.78847
         502721.98    3633175.90       11.07762                      502771.98
3633175.90       11.17537
         502821.98    3633175.90       11.06464                      502871.98
3633175.90       11.74471
         502921.98    3633175.90       11.66003                      502971.98
3633175.90       11.98431
         503021.98    3633175.90       12.22677                      503071.98
3633175.90       12.74422
         503121.98    3633175.90       13.19942                      503171.98
3633175.90       14.01822
         503221.98    3633175.90       14.65909                      503271.98

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3633175.90       15.58023
         503321.98    3633175.90       16.95833                  503371.98
3633175.90       18.83525
         503421.98    3633175.90       22.29964                  503471.98
3633175.90       29.33319
         503621.98    3633175.90       29.90715                  503671.98
3633175.90       20.95466
         503721.98    3633175.90       14.24998                  503771.98
3633175.90       10.66470
         503821.98    3633175.90        9.02464                  503871.98
3633175.90        8.07577
         503921.98    3633175.90        7.56353                  503971.98
3633175.90        7.15336
         504021.98    3633175.90        6.71423                  504071.98
3633175.90        6.46274
         504121.98    3633175.90        6.27369                  504171.98
3633175.90        6.12071
         504221.98    3633175.90        5.92725                  504271.98
3633175.90        5.75217
         504321.98    3633175.90        5.59017                  504371.98
3633175.90        5.49248
         504421.98    3633175.90        5.31360                  504471.98
3633175.90        5.14757
         504521.98    3633175.90        5.02317                  504571.98
3633175.90        4.93803
         504621.98    3633175.90        4.89128                  504671.98
3633175.90        4.85978
         504721.98    3633175.90        4.82131                  504771.98
3633175.90        4.78400
         504821.98    3633175.90        4.74436                  504871.98
3633175.90        4.74207
         504921.98    3633175.90        4.79992                  504971.98
3633175.90        4.67116
         505021.98    3633175.90        4.55546                  505071.98
3633175.90        4.49283
         505121.98    3633175.90        4.46659                  505171.98
3633175.90        4.45843
         505221.98    3633175.90        4.46891                  502221.98
3633225.90        8.42500
         502271.98    3633225.90        8.64042                  502321.98
3633225.90        8.84594
         502371.98    3633225.90        9.08889                  502421.98
3633225.90        9.31321
         502471.98    3633225.90        9.51271                  502521.98
3633225.90        9.75359
         502571.98    3633225.90        9.99671                  502621.98
3633225.90       10.26123
         502671.98    3633225.90       10.53713                  502721.98
3633225.90       10.84750
         502771.98    3633225.90       11.13782                  502821.98
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3633225.90       11.23898
         502871.98    3633225.90       11.36291                       502921.98
3633225.90       11.80317
         502971.98    3633225.90       12.26984                       503021.98
3633225.90       12.38703
         503071.98    3633225.90       12.90209                       503121.98
3633225.90       13.53122
         503171.98    3633225.90       14.13465                       503221.98
3633225.90       14.81448
         503271.98    3633225.90       15.75431                       503321.98
3633225.90       17.04281

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         503371.98    3633225.90       18.97230                       503421.98
3633225.90       22.55887
         503471.98    3633225.90       30.15478                       503621.98
3633225.90       29.84111
         503671.98    3633225.90       19.65953                       503721.98
3633225.90       13.70663
         503771.98    3633225.90       10.90504                       503821.98
3633225.90        9.23330
         503871.98    3633225.90        8.39531                       503921.98
3633225.90        7.84285

503971.98 3633225.90 7.44487 504021.98
3633225.90 7.08089
504071.98 3633225.90 6.83321 504121.98
3633225.90 6.65767
504171.98 3633225.90 6.48289 504221.98
3633225.90 6.19129
504271.98 3633225.90 6.01422 504321.98
3633225.90 5.92616
504371.98 3633225.90 5.83139 504421.98
3633225.90 5.60275
504471.98 3633225.90 5.42400 504521.98
3633225.90 5.29216
504571.98 3633225.90 5.21152 504621.98
3633225.90 5.17219
504671.98 3633225.90 5.16263 504721.98
3633225.90 5.13102
504771.98 3633225.90 5.07039 504821.98
3633225.90 5.05986
504871.98 3633225.90 5.04330 504921.98
3633225.90 5.09384
504971.98 3633225.90 4.95672 505021.98
3633225.90 4.82867
505071.98 3633225.90 4.76468 505121.98
3633225.90 4.70724
505171.98 3633225.90 4.64148 505221.98
3633225.90 4.62975
502221.98 3633275.90 8.13755 502271.98
3633275.90 8.35651
502321.98 3633275.90 8.59178 502371.98
3633275.90 8.82684
502421.98 3633275.90 9.05340 502471.98
3633275.90 9.28991
502521.98 3633275.90 9.53894 502571.98
3633275.90 9.79678
502621.98 3633275.90 10.07845 502671.98
3633275.90 10.36848
502721.98 3633275.90 10.67546 502771.98
3633275.90 11.01060
502821.98 3633275.90 10.48530 502871.98
3633275.90 11.24145
502921.98 3633275.90 11.92543 502971.98
3633275.90 12.36920
503021.98 3633275.90 12.54575 503071.98
3633275.90 13.38907
503121.98 3633275.90 14.07871 503171.98
3633275.90 14.78924
503221.98 3633275.90 15.12955 503271.98
3633275.90 15.80242
503321.98 3633275.90 17.23096 503371.98
3633275.90 19.22182

```
         503421.98    3633275.90       22.92079                       503471.98
3633275.90       21.83775
         503621.98    3633275.90       25.38150                       503671.98
3633275.90       18.13994
         503721.98    3633275.90       13.37235                       503771.98
3633275.90       10.96197
         503821.98    3633275.90        9.46133                       503871.98
3633275.90        8.70800
         503921.98    3633275.90        8.23273                       503971.98
3633275.90        7.99327
         504021.98    3633275.90        7.62114                       504071.98
3633275.90        7.28627
         504121.98    3633275.90        7.14709                       504171.98
3633275.90        6.83771
         504221.98    3633275.90        6.52904                       504271.98
3633275.90        6.35274
         504321.98    3633275.90        6.32451                       504371.98
3633275.90        6.29347
         504421.98    3633275.90        6.00232                       504471.98
3633275.90        5.76787
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 563
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         504521.98    3633275.90        5.61473                       504571.98
```

3633275.90 5.53703
504621.98 3633275.90 5.51599 504671.98
3633275.90 5.52826
504721.98 3633275.90 5.46833 504771.98
3633275.90 5.33704
504821.98 3633275.90 5.34333 504871.98
3633275.90 5.38951
504921.98 3633275.90 5.44567 504971.98
3633275.90 5.30723
505021.98 3633275.90 5.16900 505071.98
3633275.90 5.09738
505121.98 3633275.90 4.99531 505171.98
3633275.90 4.85617
505221.98 3633275.90 4.82078 502221.98
3633325.90 7.92229
502271.98 3633325.90 8.15100 502321.98
3633325.90 8.38657
502371.98 3633325.90 8.62348 502421.98
3633325.90 8.86548
502471.98 3633325.90 9.10569 502521.98
3633325.90 9.37551
502571.98 3633325.90 9.65397 502621.98
3633325.90 9.95082
502671.98 3633325.90 10.26052 502721.98
3633325.90 10.58793
502771.98 3633325.90 10.81326 502821.98
3633325.90 11.07395
502871.98 3633325.90 11.71896 502921.98
3633325.90 12.15158
502971.98 3633325.90 12.55053 503021.98
3633325.90 12.94736
503071.98 3633325.90 13.68689 503121.98
3633325.90 14.46260
503171.98 3633325.90 15.27407 503221.98
3633325.90 15.99529
503271.98 3633325.90 15.94841 503321.98
3633325.90 17.40722
503371.98 3633325.90 19.43628 503421.98
3633325.90 22.26745
503471.98 3633325.90 17.49690 503621.98
3633325.90 23.06013
503671.98 3633325.90 17.10740 503721.98
3633325.90 13.09869
503771.98 3633325.90 11.20663 503821.98
3633325.90 9.86801
503871.98 3633325.90 9.08988 503921.98
3633325.90 8.82648
503971.98 3633325.90 8.78377 504021.98
3633325.90 8.30591
504071.98 3633325.90 7.85180 504121.98

```
3633325.90        7.78631
         504171.98    3633325.90        7.26518                        504221.98
3633325.90        6.90061
         504271.98    3633325.90        6.79626                        504321.98
3633325.90        6.90101
         504371.98    3633325.90        6.86857                        504421.98
3633325.90        6.48043
         504471.98    3633325.90        6.18035                        504521.98
3633325.90        5.99401
         504571.98    3633325.90        5.93035                        504621.98
3633325.90        5.92852
         504671.98    3633325.90        5.96340                        504721.98
3633325.90        5.85424
         504771.98    3633325.90        5.68328                        504821.98
3633325.90        5.65473
         504871.98    3633325.90        5.79825                        504921.98
3633325.90        5.86368
         504971.98    3633325.90        5.71511                        505021.98
3633325.90        5.58275
         505071.98    3633325.90        5.49666                        505121.98
3633325.90        5.26478
         505171.98    3633325.90        5.09725                        505221.98
3633325.90        5.06863
         502221.98    3633375.90        7.76493                        502271.98
3633375.90        7.99354
         502321.98    3633375.90        8.22775                        502371.98
3633375.90        8.46927
         502421.98    3633375.90        8.72259                        502471.98
3633375.90        8.98433
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 564
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 9.26405 | 502571.98 | 3633375.90 | 9.55864 |
| 502621.98 | 3633375.90 | 9.87026 | 502671.98 | 3633375.90 | 10.20040 |
| 502721.98 | 3633375.90 | 10.54925 | 502771.98 | 3633375.90 | 10.92178 |
| 502821.98 | 3633375.90 | 11.32155 | 502871.98 | 3633375.90 | 11.74919 |
| 502921.98 | 3633375.90 | 12.22115 | 502971.98 | 3633375.90 | 12.73952 |
| 503021.98 | 3633375.90 | 13.30602 | 503071.98 | 3633375.90 | 13.95173 |
| 503121.98 | 3633375.90 | 14.67788 | 503171.98 | 3633375.90 | 15.52737 |
| 503221.98 | 3633375.90 | 16.44653 | 503271.98 | 3633375.90 | 17.53106 |
| 503321.98 | 3633375.90 | 18.26654 | 503371.98 | 3633375.90 | 19.69636 |
| 503421.98 | 3633375.90 | 18.76707 | 503471.98 | 3633375.90 | 21.36837 |
| 503621.98 | 3633375.90 | 24.33587 | 503671.98 | 3633375.90 | 17.60068 |
| 503721.98 | 3633375.90 | 13.73107 | 503771.98 | 3633375.90 | 11.88553 |
| 503821.98 | 3633375.90 | 10.81935 | 503871.98 | 3633375.90 | 9.83057 |
| 503921.98 | 3633375.90 | 9.66336 | 503971.98 | 3633375.90 | 9.78737 |
| 504021.98 | 3633375.90 | 9.09365 | 504071.98 | 3633375.90 | 8.53277 |
| 504121.98 | 3633375.90 | 8.52839 | 504171.98 | 3633375.90 | 7.73568 |
| 504221.98 | 3633375.90 | 7.45250 | 504271.98 | 3633375.90 | 7.49812 |
| 504321.98 | 3633375.90 | 7.67555 | 504371.98 | 3633375.90 | 7.60398 |
| 504421.98 | 3633375.90 | 7.03412 | 504471.98 | 3633375.90 | 6.63572 |
| 504521.98 | 3633375.90 | 6.41868 | 504571.98 | 3633375.90 | 6.39809 |
| 504621.98 | 3633375.90 | 6.42274 | 504671.98 | 3633375.90 | 6.49870 |

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         504721.98    3633375.90        6.29585                        504771.98
3633375.90        6.08900
         504821.98    3633375.90        6.09422                        504871.98
3633375.90        6.34751
         504921.98    3633375.90        6.33111                        504971.98
3633375.90        6.19835
         505021.98    3633375.90        6.03818                        505071.98
3633375.90        5.77877
         505121.98    3633375.90        5.51412                        505171.98
3633375.90        5.35707
         505221.98    3633375.90        5.35427                        502221.98
3633425.90        7.62694
         502271.98    3633425.90        7.85526                        502321.98
3633425.90        8.09001
         502371.98    3633425.90        8.34096                        502421.98
3633425.90        8.60962
         502471.98    3633425.90        8.91500                        502521.98
3633425.90        9.20254
         502571.98    3633425.90        9.50564                        502621.98
3633425.90        9.83284
         502671.98    3633425.90       10.17174                        502721.98
3633425.90       10.53862
         502771.98    3633425.90       10.93588                        502821.98
3633425.90       11.35807
         502871.98    3633425.90       11.81670                        502921.98
3633425.90       12.32333
         502971.98    3633425.90       12.87353                        503021.98
3633425.90       13.47728
         503071.98    3633425.90       14.15968                        503121.98
3633425.90       14.91395
         503171.98    3633425.90       15.81388                        503221.98
3633425.90       16.88302
         503271.98    3633425.90       18.04278                        503321.98
3633425.90       18.59715
         503371.98    3633425.90       19.41612                        503421.98
3633425.90       20.24849
         503471.98    3633425.90       25.33584                        503621.98
3633425.90       30.08670
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 565
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 , L0000316 , L0000317
, L0000318 , L0000319 , L0000910 ,
L0000911 , L0000912 , L0000913 , L0000914 , L0000915
, L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 19.91997 | 503721.98 | 3633425.90 | 14.86279 |
| 503771.98 | 3633425.90 | 12.76539 | 503821.98 | 3633425.90 | 11.69428 |
| 503871.98 | 3633425.90 | 10.93031 | 503921.98 | 3633425.90 | 11.06591 |
| 503971.98 | 3633425.90 | 10.80745 | 504021.98 | 3633425.90 | 9.96594 |
| 504071.98 | 3633425.90 | 9.39979 | 504121.98 | 3633425.90 | 9.43199 |
| 504171.98 | 3633425.90 | 8.58625 | 504221.98 | 3633425.90 | 8.45612 |
| 504271.98 | 3633425.90 | 8.66480 | 504321.98 | 3633425.90 | 8.92644 |
| 504371.98 | 3633425.90 | 8.29604 | 504421.98 | 3633425.90 | 7.64144 |
| 504471.98 | 3633425.90 | 7.19692 | 504521.98 | 3633425.90 | 6.93075 |
| 504571.98 | 3633425.90 | 6.94816 | 504621.98 | 3633425.90 | 7.05783 |
| 504671.98 | 3633425.90 | 7.07329 | 504721.98 | 3633425.90 | 6.94981 |
| 504771.98 | 3633425.90 | 6.72063 | 504821.98 | 3633425.90 | 6.60616 |
| 504871.98 | 3633425.90 | 6.91126 | 504921.98 | 3633425.90 | 6.78621 |
| 504971.98 | 3633425.90 | 6.57897 | 505021.98 | 3633425.90 | 6.19980 |
| 505071.98 | 3633425.90 | 5.93749 | 505121.98 | 3633425.90 | 5.75143 |
| 505171.98 | 3633425.90 | 5.63615 | 505221.98 | 3633425.90 | 5.66201 |
| 502221.98 | 3633475.90 | 7.52597 | 502271.98 | | |

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3633475.90        7.75878
         502321.98    3633475.90        8.00458                      502371.98
3633475.90        8.26622
         502421.98    3633475.90        8.54604                      502471.98
3633475.90        8.86874
         502521.98    3633475.90        9.15464                      502571.98
3633475.90        9.47270
         502621.98    3633475.90        9.81940                      502671.98
3633475.90       10.17711
         504771.98    3633475.90        7.68729                      504821.98
3633475.90        7.61836
         504871.98    3633475.90        7.49033                      504921.98
3633475.90        7.35662
         504971.98    3633475.90        6.96843                      505021.98
3633475.90        6.48775
         505071.98    3633475.90        6.22296                      505121.98
3633475.90        6.04067
         505171.98    3633475.90        5.90121                      505221.98
3633475.90        5.89596
         502221.98    3633525.90        7.46157                      502271.98
3633525.90        7.70037
         502321.98    3633525.90        7.95091                      502371.98
3633525.90        8.23156
         502421.98    3633525.90        8.52848                      502471.98
3633525.90        8.84747
         502521.98    3633525.90        9.13814                      502571.98
3633525.90        9.44754
         502621.98    3633525.90        9.81214                      502671.98
3633525.90       10.19486
         504771.98    3633525.90        8.22515                      504821.98
3633525.90        8.03649
         504871.98    3633525.90        7.88631                      504921.98
3633525.90        7.74893
         504971.98    3633525.90        7.58270                      505021.98
3633525.90        7.10450
         505071.98    3633525.90        6.64129                      505121.98
3633525.90        6.32513
         505171.98    3633525.90        6.16815                      505221.98
3633525.90        6.11292
         502221.98    3633575.90        7.43774                      502271.98
3633575.90        7.65531
         502321.98    3633575.90        7.91325                      502371.98
3633575.90        8.20587
         502421.98    3633575.90        8.50584                      502471.98
3633575.90        8.81070
         502521.98    3633575.90        9.13013                      502571.98
3633575.90        9.47365
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 9.84770 | 502671.98 | 3633575.90 | 10.24809 |
| 504771.98 | 3633575.90 | 8.70393 | 504821.98 | 3633575.90 | 8.53671 |
| 504871.98 | 3633575.90 | 8.38295 | 504921.98 | 3633575.90 | 8.12162 |
| 504971.98 | 3633575.90 | 8.02039 | 505021.98 | 3633575.90 | 7.71054 |
| 505071.98 | 3633575.90 | 7.14962 | 505121.98 | 3633575.90 | 6.68509 |
| 505171.98 | 3633575.90 | 6.47326 | 505221.98 | 3633575.90 | 6.43620 |
| 502221.98 | 3633625.90 | 7.41578 | 502271.98 | 3633625.90 | 7.62095 |
| 502321.98 | 3633625.90 | 7.90028 | 502371.98 | 3633625.90 | 8.19366 |
| 502421.98 | 3633625.90 | 8.51016 | 502471.98 | 3633625.90 | 8.81627 |
| 502521.98 | 3633625.90 | 9.17384 | 502571.98 | 3633625.90 | 9.53854 |
| 502621.98 | 3633625.90 | 9.93048 | 502671.98 | 3633625.90 | 10.34271 |
| 504771.98 | 3633625.90 | 9.21817 | 504821.98 | 3633625.90 | 9.29233 |

504871.98 3633625.90 8.91524 504921.98
3633625.90 8.64043
504971.98 3633625.90 8.50775 505021.98
3633625.90 8.21250
505071.98 3633625.90 7.56893 505121.98
3633625.90 7.07785
505171.98 3633625.90 6.77578 505221.98
3633625.90 6.71910
502221.98 3633675.90 7.37075 502271.98
3633675.90 7.59896
502321.98 3633675.90 7.88640 502371.98
3633675.90 8.18078
502421.98 3633675.90 8.51532 502471.98
3633675.90 8.85112
502521.98 3633675.90 9.21703 502571.98
3633675.90 9.59878
502621.98 3633675.90 10.00579 502671.98
3633675.90 10.43986
504771.98 3633675.90 10.07274 504821.98
3633675.90 9.90846
504871.98 3633675.90 9.66806 504921.98
3633675.90 9.39669
504971.98 3633675.90 9.08407 505021.98
3633675.90 8.67151
505071.98 3633675.90 7.92722 505121.98
3633675.90 7.29667
505171.98 3633675.90 6.97585 505221.98
3633675.90 6.87877
502221.98 3633725.90 7.34321 502271.98
3633725.90 7.58766
502321.98 3633725.90 7.89019 502371.98
3633725.90 8.20162
502421.98 3633725.90 8.53479 502471.98
3633725.90 8.88853
502521.98 3633725.90 9.26662 502571.98
3633725.90 9.66891
502621.98 3633725.90 10.09806 502671.98
3633725.90 10.55279
504771.98 3633725.90 11.37398 504821.98
3633725.90 10.73757
504871.98 3633725.90 10.44855 504921.98
3633725.90 9.99701
504971.98 3633725.90 9.50477 505021.98
3633725.90 8.88099
505071.98 3633725.90 8.02117 505121.98
3633725.90 7.39588
505171.98 3633725.90 7.15649 505221.98
3633725.90 6.99807
502221.98 3633775.90 7.33324 502271.98
3633775.90 7.58793

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502621.98    3633775.90       10.19146                     502671.98
3633775.90       10.67071
         504771.98    3633775.90       12.65762                     504821.98
3633775.90       11.99104
         504871.98    3633775.90       11.17202                     504921.98
3633775.90       10.26945
         504971.98    3633775.90        9.69051                     505021.98
3633775.90        8.92238
         505071.98    3633775.90        8.18245                     505121.98
3633775.90        7.57491
         505171.98    3633775.90        7.28392                     505221.98
3633775.90        7.13157
         502221.98    3633825.90        7.34879                     502271.98
3633825.90        7.60636
         502321.98    3633825.90        7.92780                     502371.98

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3633825.90        8.26188
         502421.98    3633825.90        8.61194                    502471.98
3633825.90        8.98229
         502521.98    3633825.90        9.38906                    502571.98
3633825.90        9.83023
         502621.98    3633825.90       10.30410                    502671.98
3633825.90       10.80438
         504771.98    3633825.90       13.68025                    504821.98
3633825.90       12.66819
         504871.98    3633825.90       11.07846                    504921.98
3633825.90       10.08695
         504971.98    3633825.90        9.47088                    505021.98
3633825.90        8.95744
         505071.98    3633825.90        8.30659                    505121.98
3633825.90        7.68570
         505171.98    3633825.90        7.42672                    505221.98
3633825.90        7.27992
         502221.98    3633875.90        7.34529                    502271.98
3633875.90        7.62112
         502321.98    3633875.90        7.95841                    502371.98
3633875.90        8.28432
         502421.98    3633875.90        8.65118                    502471.98
3633875.90        9.02773
         502521.98    3633875.90        9.45691                    502571.98
3633875.90        9.92057
         502621.98    3633875.90       10.41437                    502671.98
3633875.90       10.93749
         504771.98    3633875.90       14.28420                    504821.98
3633875.90       12.64700
         504871.98    3633875.90       11.04072                    504921.98
3633875.90       10.12873
         504971.98    3633875.90        9.42353                    505021.98
3633875.90        8.81815
         505071.98    3633875.90        8.40803                    505121.98
3633875.90        7.88271
         505171.98    3633875.90        7.61518                    505221.98
3633875.90        7.40577
         502221.98    3633925.90        7.35287                    502271.98
3633925.90        7.64725
         502321.98    3633925.90        7.98007                    502371.98
3633925.90        8.31129
         502421.98    3633925.90        8.70146                    502471.98
3633925.90        9.09366
         502521.98    3633925.90        9.53215                    502571.98
3633925.90       10.00687
         502621.98    3633925.90       10.52077                    502671.98
3633925.90       11.06820
         504771.98    3633925.90       14.39572                    504821.98
3633925.90       12.76489
         504871.98    3633925.90       11.50705                    504921.98
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 10.63047 | 502671.98 | 3633975.90 | 11.19778 |
| 504771.98 | 3633975.90 | 14.17166 | 504821.98 | 3633975.90 | 12.97040 |
| 504871.98 | 3633975.90 | 11.95340 | 504921.98 | 3633975.90 | 10.70738 |

504971.98 3633975.90 9.47452 505021.98
3633975.90 8.80045
505071.98 3633975.90 8.31268 505121.98
3633975.90 8.09932
505171.98 3633975.90 7.83976 505221.98
3633975.90 7.54249
502221.98 3634025.90 7.38543 502271.98
3634025.90 7.67190
502321.98 3634025.90 8.01206 502371.98
3634025.90 8.38773
502421.98 3634025.90 8.78393 502471.98
3634025.90 9.21067
502521.98 3634025.90 9.67455 502571.98
3634025.90 10.18009
502621.98 3634025.90 10.73637 502671.98
3634025.90 11.33380
504771.98 3634025.90 13.96701 504821.98
3634025.90 13.15273
504871.98 3634025.90 11.75257 504921.98
3634025.90 10.48718
504971.98 3634025.90 9.29566 505021.98
3634025.90 8.65405
505071.98 3634025.90 8.20203 505121.98
3634025.90 8.04376
505171.98 3634025.90 7.85138 505221.98
3634025.90 7.52911
502221.98 3634075.90 7.37969 502271.98
3634075.90 7.68716
502321.98 3634075.90 8.03148 502371.98
3634075.90 8.40199
502421.98 3634075.90 8.79965 502471.98
3634075.90 9.23906
502521.98 3634075.90 9.72421 502571.98
3634075.90 10.26311
502621.98 3634075.90 10.83276 502671.98
3634075.90 11.46789
504771.98 3634075.90 13.95506 504821.98
3634075.90 12.79971
504871.98 3634075.90 11.18787 504921.98
3634075.90 10.07356
504971.98 3634075.90 9.13195 505021.98
3634075.90 8.50204
505071.98 3634075.90 8.10221 505121.98
3634075.90 7.92658
505171.98 3634075.90 7.80571 505221.98
3634075.90 7.52690
502221.98 3634125.90 7.36728 502271.98
3634125.90 7.70420
502321.98 3634125.90 8.04964 502371.98
3634125.90 8.43685

```
         502421.98    3634125.90        8.84482                      502471.98
3634125.90        9.28895
         502521.98    3634125.90        9.77243                      502571.98
3634125.90       10.30389
         502621.98    3634125.90       10.91877                      502671.98
3634125.90       11.58845
         504771.98    3634125.90       12.89932                      504821.98
3634125.90       11.88062
         504871.98    3634125.90       10.81552                      504921.98
3634125.90        9.61860
         504971.98    3634125.90        8.97741                      505021.98
3634125.90        8.39213
         505071.98    3634125.90        8.08114                      505121.98
3634125.90        7.95809
         505171.98    3634125.90        7.78853                      505221.98
3634125.90        7.53424
         502221.98    3634175.90        7.34175                      502271.98
3634175.90        7.67911
         502321.98    3634175.90        8.02979                      502371.98
3634175.90        8.47768
         502421.98    3634175.90        8.89448                      502471.98
3634175.90        9.34660
         502521.98    3634175.90        9.83407                      502571.98
3634175.90       10.37674
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44

                                PAGE 569
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                   L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                   L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
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Y-COORD (M)  CONC

- - - -

```
3634275.90        8.41396
         505071.98    3634275.90        7.95083                        505121.98
3634275.90        7.83950
         505171.98    3634275.90        7.29499                        505221.98
3634275.90        7.39389
         502221.98    3634325.90        7.36076                        502271.98
3634325.90        7.70626
         502321.98    3634325.90        8.07501                        502371.98
3634325.90        8.47614
         502421.98    3634325.90        8.91029                        502471.98
3634325.90        9.37902
         502521.98    3634325.90        9.89759                        502571.98
3634325.90       10.46657
         502621.98    3634325.90       11.09453                        502671.98
3634325.90       11.80082
         504771.98    3634325.90       11.02529                        504821.98
3634325.90       10.51656
         504871.98    3634325.90       10.00821                        504921.98
3634325.90        9.71575
         504971.98    3634325.90        9.43558                        505021.98
3634325.90        8.52903
         505071.98    3634325.90        8.06966                        505121.98
3634325.90        8.08884
         505171.98    3634325.90        7.52537                        505221.98
3634325.90        7.34731
         502221.98    3634375.90        7.37450                        502271.98
3634375.90        7.72184
         502321.98    3634375.90        8.07590                        502371.98
3634375.90        8.46400
         502421.98    3634375.90        8.92197                        502471.98
3634375.90        9.42164
         502521.98    3634375.90        9.97872                        502571.98
3634375.90       10.56132
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44

                                  PAGE 570
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
```

, L0000916    , L0000917    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 11.16921 | 502671.98 | 3634375.90 | 11.82151 |
| 504771.98 | 3634375.90 | 11.44108 | 504821.98 | 3634375.90 | 11.20268 |
| 504871.98 | 3634375.90 | 10.67094 | 504921.98 | 3634375.90 | 10.37438 |
| 504971.98 | 3634375.90 | 9.79233 | 505021.98 | 3634375.90 | 8.79914 |
| 505071.98 | 3634375.90 | 8.39056 | 505121.98 | 3634375.90 | 8.47924 |
| 505171.98 | 3634375.90 | 7.92435 | 505221.98 | 3634375.90 | 7.50499 |
| 502221.98 | 3634425.90 | 7.39475 | 502271.98 | 3634425.90 | 7.74688 |
| 502321.98 | 3634425.90 | 8.11971 | 502371.98 | 3634425.90 | 8.52480 |
| 502421.98 | 3634425.90 | 8.97078 | 502471.98 | 3634425.90 | 9.44881 |
| 502521.98 | 3634425.90 | 9.98466 | 502571.98 | 3634425.90 | 10.56887 |
| 502621.98 | 3634425.90 | 11.21761 | 502671.98 | 3634425.90 | 11.93387 |
| 504771.98 | 3634425.90 | 11.88469 | 504821.98 | 3634425.90 | 11.54706 |
| 504871.98 | 3634425.90 | 11.56958 | 504921.98 | 3634425.90 | 11.47911 |
| 504971.98 | 3634425.90 | 10.28071 | 505021.98 | 3634425.90 | 9.57974 |
| 505071.98 | 3634425.90 | 9.33747 | 505121.98 | 3634425.90 | 9.01420 |
| 505171.98 | 3634425.90 | 8.38239 | 505221.98 | 3634425.90 | 7.84380 |
| 502221.98 | 3634475.90 | 7.37721 | 502271.98 | 3634475.90 | 7.72606 |
| 502321.98 | 3634475.90 | 8.10125 | 502371.98 | 3634475.90 | 8.50871 |
| 502421.98 | 3634475.90 | 8.95268 | 502471.98 | 3634475.90 | 9.43406 |

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         502521.98    3634475.90        9.97220                        502571.98
3634475.90       10.55962
         502621.98    3634475.90       11.20968                        502671.98
3634475.90       11.93307
         504771.98    3634475.90       12.37032                        504821.98
3634475.90       11.69079
         504871.98    3634475.90       11.77310                        504921.98
3634475.90       12.57172
         504971.98    3634475.90       11.51129                        505021.98
3634475.90       10.79129
         505071.98    3634475.90       10.35325                        505121.98
3634475.90        9.66594
         505171.98    3634475.90        8.92818                        505221.98
3634475.90        8.30008
         502221.98    3634525.90        7.35254                        502271.98
3634525.90        7.69591
         502321.98    3634525.90        8.06937                        502371.98
3634525.90        8.47684
         502421.98    3634525.90        8.91807                        502471.98
3634525.90        9.40222
         502521.98    3634525.90        9.93184                        502571.98
3634525.90       10.52080
         502621.98    3634525.90       11.17258                        502671.98
3634525.90       11.91007
         504771.98    3634525.90       13.48193                        504821.98
3634525.90       12.40028
         504871.98    3634525.90       12.43573                        504921.98
3634525.90       13.53850
         504971.98    3634525.90       13.39982                        505021.98
3634525.90       12.33408
         505071.98    3634525.90       11.42104                        505121.98
3634525.90       10.33898
         505171.98    3634525.90        9.34987                        505221.98
3634525.90        8.52964
         502221.98    3634575.90        7.32770                        502271.98
3634575.90        7.65633
         502321.98    3634575.90        8.02355                        502371.98
3634575.90        8.42627
         502421.98    3634575.90        8.86647                        502471.98
3634575.90        9.34876
         502521.98    3634575.90        9.87470                        502571.98
3634575.90       10.45729
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44

                                  PAGE 571
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 11.10262 | 502671.98 | 3634575.90 | 11.83014 |
| 504771.98 | 3634575.90 | 15.87319 | 504821.98 | 3634575.90 | 14.45396 |
| 504871.98 | 3634575.90 | 14.66456 | 504921.98 | 3634575.90 | 15.65402 |
| 504971.98 | 3634575.90 | 14.58440 | 505021.98 | 3634575.90 | 12.92820 |
| 505071.98 | 3634575.90 | 11.73410 | 505121.98 | 3634575.90 | 10.69651 |
| 505171.98 | 3634575.90 | 9.19405 | 505221.98 | 3634575.90 | 8.45766 |
| 502221.98 | 3634625.90 | 7.28240 | 502271.98 | 3634625.90 | 7.61757 |
| 502321.98 | 3634625.90 | 7.96521 | 502371.98 | 3634625.90 | 8.36116 |
| 502421.98 | 3634625.90 | 8.79320 | 502471.98 | 3634625.90 | 9.26793 |
| 502521.98 | 3634625.90 | 9.79993 | 502571.98 | 3634625.90 | 10.37157 |
| 502621.98 | 3634625.90 | 11.00553 | 502671.98 | 3634625.90 | 11.70637 |
| 504771.98 | 3634625.90 | 19.73579 | 504821.98 | 3634625.90 | 19.48347 |
| 504871.98 | 3634625.90 | 18.11092 | 504921.98 | 3634625.90 | 16.72777 |
| 504971.98 | 3634625.90 | 14.87352 | 505021.98 | 3634625.90 | 13.13329 |
| 505071.98 | 3634625.90 | 11.64120 | 505121.98 | | |

3634625.90 10.65098
505171.98 3634625.90 9.01974 505221.98
3634625.90 8.27059
502221.98 3634675.90 7.21620 502271.98
3634675.90 7.55873
502321.98 3634675.90 7.92130 502371.98
3634675.90 8.30704
502421.98 3634675.90 8.73258 502471.98
3634675.90 9.19640
502521.98 3634675.90 9.70289 502571.98
3634675.90 10.26436
502621.98 3634675.90 10.88204 502671.98
3634675.90 11.55634
504771.98 3634675.90 22.68077 504821.98
3634675.90 20.77368
504871.98 3634675.90 18.37443 504921.98
3634675.90 17.04227
504971.98 3634675.90 15.55696 505021.98
3634675.90 13.29548
505071.98 3634675.90 11.36159 505121.98
3634675.90 10.48911
505171.98 3634675.90 9.16900 505221.98
3634675.90 8.33485
502221.98 3634725.90 7.14519 502271.98
3634725.90 7.47646
502321.98 3634725.90 7.81787 502371.98
3634725.90 8.19881
502421.98 3634725.90 8.62542 502471.98
3634725.90 9.08033
502521.98 3634725.90 9.56892 502571.98
3634725.90 10.11635
502621.98 3634725.90 10.71190 502671.98
3634725.90 11.37645
504771.98 3634725.90 23.22968 504821.98
3634725.90 21.17785
504871.98 3634725.90 19.41197 504921.98
3634725.90 17.26604
504971.98 3634725.90 15.10833 505021.98
3634725.90 12.50519
505071.98 3634725.90 11.05733 505121.98
3634725.90 10.11928
505171.98 3634725.90 8.86057 505221.98
3634725.90 8.29286
502221.98 3634775.90 7.07670 502271.98
3634775.90 7.40081
502321.98 3634775.90 7.72076 502371.98
3634775.90 8.08516
502421.98 3634775.90 8.48299 502471.98
3634775.90 8.92296
502521.98 3634775.90 9.42181 502571.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                                       L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                                       L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                                       L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)        Y-COORD (M)        CONC
 - - -

```
         502621.98    3634825.90       10.29661                    502671.98
3634825.90       10.89276
         504771.98    3634825.90       25.33392                    504821.98
3634825.90       22.50409
         504871.98    3634825.90       19.82500                    504921.98
3634825.90       15.94817
         504971.98    3634825.90       12.19101                    505021.98
3634825.90       10.34643
         505071.98    3634825.90        9.86560                    505121.98
3634825.90        9.39715
         505171.98    3634825.90        8.47162                    505221.98
3634825.90        7.91808
         502221.98    3634875.90        6.90057                    502271.98
3634875.90        7.18685
         502321.98    3634875.90        7.50395                    502371.98
3634875.90        7.84994
         502421.98    3634875.90        8.22102                    502471.98
3634875.90        8.62203
         502521.98    3634875.90        9.05721                    502571.98
3634875.90        9.53260
         502621.98    3634875.90       10.05267                    502671.98
3634875.90       10.62159
         504771.98    3634875.90       27.35119                    504821.98
3634875.90       23.71794
         504871.98    3634875.90       20.79572                    504921.98
3634875.90       15.51075
         504971.98    3634875.90       11.85686                    505021.98
3634875.90       10.07394
         505071.98    3634875.90        9.14027                    505121.98
3634875.90        8.85045
         505171.98    3634875.90        8.29463                    505221.98
3634875.90        7.92999
         502221.98    3634925.90        6.78663                    502271.98
3634925.90        7.06509
         502321.98    3634925.90        7.37201                    502371.98
3634925.90        7.70122
         502421.98    3634925.90        8.05702                    502471.98
3634925.90        8.43518
         502521.98    3634925.90        8.85317                    502571.98
3634925.90        9.30385
         502621.98    3634925.90        9.79176                    502671.98
3634925.90       10.33136
         504771.98    3634925.90       30.72668                    504821.98
3634925.90       25.66663
         504871.98    3634925.90       22.38124                    504921.98
3634925.90       16.74544
         504971.98    3634925.90       12.48591                    505021.98
3634925.90       10.21972
         505071.98    3634925.90        9.13374                    505121.98
3634925.90        8.77328
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 9.52670 | 502671.98 | 3634975.90 | 10.03111 |
| 504821.98 | 3634975.90 | 28.79630 | 504871.98 | 3634975.90 | 24.51541 |
| 504921.98 | 3634975.90 | 20.25396 | 504971.98 | 3634975.90 | 13.16319 |
| 505021.98 | 3634975.90 | 10.82991 | 505071.98 | 3634975.90 | 9.62509 |
| 505121.98 | 3634975.90 | 9.42195 | 505171.98 | 3634975.90 | 8.93111 |
| 505221.98 | 3634975.90 | 8.31510 | 505221.98 | 3634925.90 | 8.01817 |
| 502221.98 | 3634975.90 | 6.66458 | 502271.98 | 3634975.90 | 6.93664 |
| 502321.98 | 3634975.90 | 7.22624 | 502371.98 | 3634975.90 | 7.54211 |
| 502421.98 | 3634975.90 | 7.88101 | 502471.98 | 3634975.90 | 8.24349 |
| 502521.98 | 3634975.90 | 8.63974 | 502571.98 | 3634975.90 | 9.06428 |

3635025.90 6.53676
502271.98 3635025.90 6.79939 502321.98
3635025.90 7.07917
502371.98 3635025.90 7.37839 502421.98
3635025.90 7.70340
502471.98 3635025.90 8.04990 502521.98
3635025.90 8.42474
502571.98 3635025.90 8.82636 502621.98
3635025.90 9.26175
502671.98 3635025.90 9.73161 504871.98
3635025.90 27.88273
504921.98 3635025.90 22.93591 504971.98
3635025.90 14.99801
505021.98 3635025.90 11.70196 505071.98
3635025.90 10.55242
505121.98 3635025.90 10.46606 505171.98
3635025.90 9.98834
505221.98 3635025.90 9.27687 502221.98
3635075.90 6.40702
502271.98 3635075.90 6.65665 502321.98
3635075.90 6.92851
502371.98 3635075.90 7.21549 502421.98
3635075.90 7.52289
502471.98 3635075.90 7.85223 502521.98
3635075.90 8.20630
502571.98 3635075.90 8.58680 502621.98
3635075.90 8.99414
502671.98 3635075.90 9.43868 504921.98
3635075.90 28.07036
504971.98 3635075.90 21.60374 505021.98
3635075.90 13.68587
505071.98 3635075.90 12.53774 505121.98
3635075.90 12.44554
505171.98 3635075.90 12.63771 505221.98
3635075.90 11.38939
502221.98 3635125.90 6.27167 502271.98
3635125.90 6.51320
502321.98 3635125.90 6.77037 502371.98
3635125.90 7.04390
502421.98 3635125.90 7.33534 502471.98
3635125.90 7.64650
502521.98 3635125.90 7.98293 502571.98
3635125.90 8.34490
502621.98 3635125.90 8.73229 502671.98
3635125.90 9.14894
505021.98 3635125.90 22.87157 505071.98
3635125.90 18.66637
505121.98 3635125.90 18.93498 505171.98
3635125.90 18.72149
505221.98 3635125.90 14.64281 502221.98

3635175.90        6.13448
         502271.98    3635175.90        6.36876                      502321.98
3635175.90        6.61080
         502371.98    3635175.90        6.86998                      502421.98
3635175.90        7.14668
         502471.98    3635175.90        7.44211                      502521.98
3635175.90        7.75888
         502571.98    3635175.90        8.10170                      502621.98
3635175.90        8.47088
         502671.98    3635175.90        8.86395                      505121.98
3635175.90       25.18696
         505171.98    3635175.90       23.74400                      505221.98
3635175.90       22.41799
         502221.98    3635225.90        5.99827                      502271.98
3635225.90        6.21986
         502321.98    3635225.90        6.45300                      502371.98
3635225.90        6.70017
         502421.98    3635225.90        6.96314                      502471.98
3635225.90        7.24398


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         502521.98    3635225.90        7.54522                      502571.98
3635225.90        7.86794

```
         502621.98    3635225.90        8.21226                    502671.98
3635225.90        8.58275
         502221.98    3635275.90        6.01638                    502271.98
3635275.90        6.07432
         502321.98    3635275.90        6.30109                    502371.98
3635275.90        6.54798
         502421.98    3635275.90        6.78685                    502471.98
3635275.90        7.05670
         502521.98    3635275.90        7.41079                    502571.98
3635275.90        7.63764
         502621.98    3635275.90        7.96047                    502671.98
3635275.90        8.30574
         502221.98    3635325.90        5.92033                    502271.98
3635325.90        5.93556
         502321.98    3635325.90        6.23770                    502371.98
3635325.90        6.45784
         502421.98    3635325.90        6.70107                    502471.98
3635325.90        6.93073
         502521.98    3635325.90        7.17250                    502571.98
3635325.90        7.44835
         502621.98    3635325.90        7.72995                    502671.98
3635325.90        8.03991
         502221.98    3635375.90        5.74278                    502271.98
3635375.90        5.86982
         502321.98    3635375.90        6.07602                    502371.98
3635375.90        6.29190
         502421.98    3635375.90        6.49416                    502471.98
3635375.90        6.70444
         502521.98    3635375.90        6.93597                    502571.98
3635375.90        7.20146
         502621.98    3635375.90        7.47322                    502671.98
3635375.90        7.76019
         502221.98    3635425.90        5.58700                    502271.98
3635425.90        5.71808
         502321.98    3635425.90        5.90936                    502371.98
3635425.90        6.09281
         502421.98    3635425.90        6.28269                    502471.98
3635425.90        6.47932
         502521.98    3635425.90        6.69282                    502571.98
3635425.90        6.92474
         502621.98    3635425.90        7.17124                    502671.98
3635425.90        7.44312
         504771.98    3635425.90       13.36656                    502221.98
3635475.90        5.41981
         502271.98    3635475.90        5.57112                    502321.98
3635475.90        5.73331
         502371.98    3635475.90        5.90288                    502421.98
3635475.90        6.07952
         502471.98    3635475.90        6.25675                    502521.98
3635475.90        6.47037
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         502571.98    3635475.90        6.69122                        502621.98
3635475.90        6.92750
         502671.98    3635475.90        7.15371                        504771.98
3635475.90       12.60296
         504821.98    3635475.90       12.57082                        504871.98
3635475.90       12.65132
         504921.98    3635475.90       12.70650                        502221.98
3635525.90        5.26438
         502271.98    3635525.90        5.40679                        502321.98
3635525.90        5.55889
         502371.98    3635525.90        5.72046                        502421.98
3635525.90        5.88596
         502471.98    3635525.90        6.05995                        502521.98
3635525.90        6.25722
         502571.98    3635525.90        6.46076                        502621.98
3635525.90        6.67074
         502671.98    3635525.90        6.88505                        502721.98
3635525.90        7.12140
         502771.98    3635525.90        7.37934                        502821.98
3635525.90        7.65131
         502871.98    3635525.90        7.94000                        502921.98
3635525.90        8.23317
         502971.98    3635525.90        8.53589                        503021.98
3635525.90        8.84548
         503071.98    3635525.90        9.17698                        503121.98
3635525.90        9.57511
         503171.98    3635525.90        9.88022                        503221.98
3635525.90       10.08180
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 575
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 10.37690 | 503321.98 | 3635525.90 | 10.68478 |
| 503371.98 | 3635525.90 | 11.00288 | 503421.98 | 3635525.90 | 11.31884 |
| 503471.98 | 3635525.90 | 11.69106 | 503521.98 | 3635525.90 | 12.02360 |
| 503571.98 | 3635525.90 | 12.18661 | 503621.98 | 3635525.90 | 12.32129 |
| 503671.98 | 3635525.90 | 12.50437 | 503721.98 | 3635525.90 | 12.70428 |
| 503771.98 | 3635525.90 | 12.91777 | 503821.98 | 3635525.90 | 13.10233 |
| 503871.98 | 3635525.90 | 13.18652 | 503921.98 | 3635525.90 | 13.42123 |
| 503971.98 | 3635525.90 | 13.63025 | 504021.98 | 3635525.90 | 13.45069 |
| 504071.98 | 3635525.90 | 13.11727 | 504121.98 | 3635525.90 | 12.86167 |
| 504171.98 | 3635525.90 | 12.91373 | 504221.98 | 3635525.90 | 12.65992 |
| 504271.98 | 3635525.90 | 12.54896 | 504321.98 | 3635525.90 | 12.42323 |
| 504371.98 | 3635525.90 | 12.28644 | 504421.98 | 3635525.90 | 12.15372 |
| 504471.98 | 3635525.90 | 12.02858 | 504521.98 | 3635525.90 | 11.91108 |
| 504571.98 | 3635525.90 | 11.88437 | 504621.98 | 3635525.90 | 11.82347 |
| 504671.98 | 3635525.90 | 11.75531 | 504721.98 | 3635525.90 | 11.86670 |
| 504771.98 | 3635525.90 | 11.79585 | 504821.98 | 3635525.90 | 11.76680 |
| 504871.98 | 3635525.90 | 11.74510 | 504921.98 | 3635525.90 | 11.67014 |
| 504971.98 | 3635525.90 | 11.70092 | 505021.98 | 3635525.90 | 11.75922 |
| 505071.98 | 3635525.90 | 11.75779 | 505121.98 | 3635525.90 | 11.74590 |
| 505171.98 | 3635525.90 | 11.72478 | 505221.98 | 3635525.90 | 11.69156 |
| 502221.98 | 3635575.90 | 5.07834 | 502271.98 | 3635575.90 | 5.24696 |
| 502321.98 | 3635575.90 | 5.39177 | 502371.98 | | |

3635575.90        5.54189
         502421.98    3635575.90        5.69795                          502471.98
3635575.90        5.87046
         502521.98    3635575.90        6.06112                          502571.98
3635575.90        6.25433
         502621.98    3635575.90        6.44777                          502671.98
3635575.90        6.65221
         502721.98    3635575.90        6.87275                          502771.98
3635575.90        7.12081
         502821.98    3635575.90        7.37362                          502871.98
3635575.90        7.63531
         502921.98    3635575.90        7.90415                          502971.98
3635575.90        8.17244
         503021.98    3635575.90        8.44790                          503071.98
3635575.90        8.74331
         503121.98    3635575.90        9.10790                          503171.98
3635575.90        9.37801
         503221.98    3635575.90        9.56139                          503271.98
3635575.90        9.85761
         503321.98    3635575.90       10.15112                          503371.98
3635575.90       10.46293
         503421.98    3635575.90       10.76815                          503471.98
3635575.90       11.11475
         503521.98    3635575.90       11.41962                          503571.98
3635575.90       11.57898
         503621.98    3635575.90       11.61783                          503671.98
3635575.90       11.76337
         503721.98    3635575.90       11.92188                          503771.98
3635575.90       12.06561
         503821.98    3635575.90       12.18614                          503871.98
3635575.90       12.34815
         503921.98    3635575.90       12.52037                          503971.98
3635575.90       12.70397
         504021.98    3635575.90       12.27747                          504071.98
3635575.90       12.20953
         504121.98    3635575.90       12.20076                          504171.98
3635575.90       12.17817


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010

```
, L0000310    , L0000311    , L0000312    ,
                L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         504221.98    3635575.90       11.96656                      504271.98
3635575.90       11.77829
         504321.98    3635575.90       11.67498                      504371.98
3635575.90       11.56665
         504421.98    3635575.90       11.45095                      504471.98
3635575.90       11.33302
         504521.98    3635575.90       11.22584                      504571.98
3635575.90       11.12184
         504621.98    3635575.90       11.13962                      504671.98
3635575.90       11.06011
         504721.98    3635575.90       11.03287                      504771.98
3635575.90       11.06709
         504821.98    3635575.90       11.02608                      504871.98
3635575.90       10.93982
         504921.98    3635575.90       10.77352                      504971.98
3635575.90       10.82239
         505021.98    3635575.90       10.80843                      505071.98
3635575.90       10.76677
         505121.98    3635575.90       10.79783                      505171.98
3635575.90       10.63631
         505221.98    3635575.90       10.60696                      502221.98
3635625.90        4.88821
         502271.98    3635625.90        5.06889                      502321.98
3635625.90        5.21977
         502371.98    3635625.90        5.37297                      502421.98
3635625.90        5.49698
         502471.98    3635625.90        5.65281                      502521.98
3635625.90        5.82613
         502571.98    3635625.90        6.04560                      502621.98
3635625.90        6.24822
         502671.98    3635625.90        6.43546                      502721.98
3635625.90        6.63496
         502771.98    3635625.90        6.85531                      502821.98
3635625.90        7.08066
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         502871.98    3635625.90        7.31559                      502921.98
3635625.90        7.55865
         502971.98    3635625.90        7.80816                      503021.98
3635625.90        8.06297
         503071.98    3635625.90        8.32487                      503121.98
3635625.90        8.58922
         503171.98    3635625.90        8.85741                      503221.98
3635625.90        9.13614
         503271.98    3635625.90        9.40559                      503321.98
3635625.90        9.67622
         503371.98    3635625.90        9.93574                      503421.98
3635625.90       10.21581
         503471.98    3635625.90       10.56222                      503521.98
3635625.90       10.85307
         503571.98    3635625.90       11.00131                      503621.98
3635625.90       11.05932
         503671.98    3635625.90       11.18113                      503721.98
3635625.90       11.30057
         503771.98    3635625.90       11.41335                      503821.98
3635625.90       11.49587
         503871.98    3635625.90       11.51412                      503921.98
3635625.90       11.68909
         503971.98    3635625.90       11.83392                      504021.98
3635625.90       11.53745
         504071.98    3635625.90       11.49129                      504121.98
3635625.90       11.47584
         504171.98    3635625.90       11.43920                      504221.98
3635625.90       11.40702
         504271.98    3635625.90       11.30639                      504321.98
3635625.90       10.99533
         504371.98    3635625.90       10.90136                      504421.98
3635625.90       10.81933
         504471.98    3635625.90       10.70116                      504521.98
3635625.90       10.59972
         504571.98    3635625.90       10.49873                      504621.98
3635625.90       10.41532
         504671.98    3635625.90       10.38777                      504721.98
3635625.90       10.34914
         504771.98    3635625.90       10.42438                      504821.98
3635625.90       10.36362
         504871.98    3635625.90       10.25903                      504921.98
3635625.90       10.05578
         504971.98    3635625.90       10.10498                      505021.98
3635625.90        9.92846
         505071.98    3635625.90        9.85656                      505121.98
3635625.90        9.89247
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 9.78654 | 505221.98 | 3635625.90 | 9.68584 |
| 502221.98 | 3635675.90 | 4.70575 | 502271.98 | 3635675.90 | 4.88259 |
| 502321.98 | 3635675.90 | 5.02327 | 502371.98 | 3635675.90 | 5.17752 |
| 502421.98 | 3635675.90 | 5.31481 | 502471.98 | 3635675.90 | 5.47460 |
| 502521.98 | 3635675.90 | 5.64507 | 502571.98 | 3635675.90 | 5.83962 |
| 502621.98 | 3635675.90 | 6.03528 | 502671.98 | 3635675.90 | 6.22646 |
| 502721.98 | 3635675.90 | 6.40709 | 502771.98 | 3635675.90 | 6.58598 |
| 502821.98 | 3635675.90 | 6.80054 | 502871.98 | 3635675.90 | 7.02220 |
| 502921.98 | 3635675.90 | 7.21907 | 502971.98 | 3635675.90 | 7.47603 |
| 503021.98 | 3635675.90 | 7.70877 | 503071.98 | 3635675.90 | 7.96023 |
| 503121.98 | 3635675.90 | 8.20616 | 503171.98 | 3635675.90 | 8.45306 |
| 503221.98 | 3635675.90 | 8.71547 | 503271.98 | 3635675.90 | 8.96752 |
| 503321.98 | 3635675.90 | 9.21930 | 503371.98 | | |

```
3635675.90        9.47940
         503421.98    3635675.90        9.74230                    503471.98
3635675.90       10.01596
         503521.98    3635675.90       10.28354                    503571.98
3635675.90       10.45000
         503621.98    3635675.90       10.50953                    503671.98
3635675.90       10.58262
         503721.98    3635675.90       10.73352                    503771.98
3635675.90       10.84204
         503821.98    3635675.90       10.86749                    503871.98
3635675.90       10.88280
         503921.98    3635675.90       11.07121                    503971.98
3635675.90       11.15211
         504021.98    3635675.90       10.98539                    504071.98
3635675.90       10.85973
         504121.98    3635675.90       10.80412                    504171.98
3635675.90       10.76991
         504221.98    3635675.90       10.73030                    504271.98
3635675.90       10.68163
         504321.98    3635675.90       10.54778                    504371.98
3635675.90       10.29742
         504421.98    3635675.90       10.20801                    504471.98
3635675.90       10.23497
         504521.98    3635675.90       10.17370                    504571.98
3635675.90        9.93324
         504621.98    3635675.90        9.96333                    504671.98
3635675.90        9.84061
         504721.98    3635675.90        9.75771                    504771.98
3635675.90        9.95264
         504821.98    3635675.90        9.77491                    504871.98
3635675.90        9.66436
         504921.98    3635675.90        9.45707                    504971.98
3635675.90        9.49232
         505021.98    3635675.90        9.37414                    505071.98
3635675.90        9.21555
         505121.98    3635675.90        9.22189                    505171.98
3635675.90        9.11474
         505221.98    3635675.90        8.98958                    502221.98
3635725.90        4.54613
         502271.98    3635725.90        4.72702                    502321.98
3635725.90        4.87432
         502371.98    3635725.90        5.03099                    502421.98
3635725.90        5.15802
         502471.98    3635725.90        5.31344                    502521.98
3635725.90        5.46481
         502571.98    3635725.90        5.66277                    502621.98
3635725.90        5.85045
         502671.98    3635725.90        6.01882                    502721.98
3635725.90        6.19430
         502771.98    3635725.90        6.36818                    502821.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         503071.98    3635725.90        7.61122                       503121.98
3635725.90        7.81496
         503171.98    3635725.90        8.04199                       503221.98
3635725.90        8.30949
         503271.98    3635725.90        8.53746                       503321.98
3635725.90        8.76217
         503371.98    3635725.90        9.00083                       503421.98
3635725.90        9.26606
         503471.98    3635725.90        9.51130                       503521.98
3635725.90        9.74989
         503571.98    3635725.90        9.88061                       503621.98
3635725.90       10.01920
         503671.98    3635725.90       10.03129                       503721.98
3635725.90       10.17924
         503771.98    3635725.90       10.26512                       503821.98
3635725.90       10.27412

503871.98 3635725.90 10.29416 503921.98 3635725.90 10.44126
503971.98 3635725.90 10.55337 504021.98 3635725.90 10.42380
504071.98 3635725.90 10.42118 504121.98 3635725.90 10.28934
504171.98 3635725.90 10.20641 504221.98 3635725.90 10.43767
504271.98 3635725.90 10.39164 504321.98 3635725.90 10.02858
504371.98 3635725.90 9.92905 504421.98 3635725.90 9.68103
504471.98 3635725.90 9.75477 504521.98 3635725.90 9.76629
504571.98 3635725.90 9.53787 504621.98 3635725.90 9.45414
504671.98 3635725.90 9.44257 504721.98 3635725.90 9.24660
504771.98 3635725.90 9.16006 504821.98 3635725.90 9.16808
504871.98 3635725.90 9.00921 504921.98 3635725.90 8.92565
504971.98 3635725.90 8.95765 505021.98 3635725.90 8.87234
505071.98 3635725.90 8.72083 505121.98 3635725.90 8.66286
505171.98 3635725.90 8.54629 505221.98 3635725.90 8.41751
502221.98 3635775.90 4.41190 502271.98 3635775.90 4.59584
502321.98 3635775.90 4.73469 502371.98 3635775.90 4.88676
502421.98 3635775.90 5.01354 502471.98 3635775.90 5.15774
502521.98 3635775.90 5.30613 502571.98 3635775.90 5.47215
502621.98 3635775.90 5.64025 502671.98 3635775.90 5.80883
502721.98 3635775.90 5.99533 502771.98 3635775.90 6.17281
502821.98 3635775.90 6.35236 502871.98 3635775.90 6.53523
502921.98 3635775.90 6.69752 502971.98 3635775.90 6.90558
503021.98 3635775.90 7.05532 503071.98 3635775.90 7.26618
503121.98 3635775.90 7.46390 503171.98 3635775.90 7.69218
503221.98 3635775.90 7.66883 503271.98 3635775.90 7.73810

```
         503321.98    3635775.90        8.05183                       503371.98
3635775.90        8.49147
         503421.98    3635775.90        8.81050                       503471.98
3635775.90        9.04815
         503521.98    3635775.90        9.25439                       503571.98
3635775.90        9.46732
         503621.98    3635775.90        9.61533                       503671.98
3635775.90        9.62396
         503721.98    3635775.90        9.62127                       503771.98
3635775.90        9.72391
         503821.98    3635775.90        9.76908                       503871.98
3635775.90        9.87037
         503921.98    3635775.90       10.07630                       503971.98
3635775.90       10.12767
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 579
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         504021.98    3635775.90        9.94240                       504071.98
3635775.90       10.08196
         504121.98    3635775.90        9.98140                       504171.98
3635775.90        9.96639
         504221.98    3635775.90       10.01525                       504271.98
3635775.90        9.98708
         504321.98    3635775.90        9.78926                       504371.98
```

3635775.90 9.52869
504421.98 3635775.90 9.35128 504471.98
3635775.90 9.41263
504521.98 3635775.90 9.39654 504571.98
3635775.90 9.07987
504621.98 3635775.90 9.10383 504671.98
3635775.90 8.93254
504721.98 3635775.90 8.78650 504771.98
3635775.90 8.70319
504821.98 3635775.90 8.61684 504871.98
3635775.90 8.53094
504921.98 3635775.90 8.45700 504971.98
3635775.90 8.49430
505021.98 3635775.90 8.40418 505071.98
3635775.90 8.24905
505121.98 3635775.90 8.16617 505171.98
3635775.90 8.05551
505221.98 3635775.90 7.93622 502221.98
3635825.90 4.28962
502271.98 3635825.90 4.46951 502321.98
3635825.90 4.60757
502371.98 3635825.90 4.75456 502421.98
3635825.90 4.87487
502471.98 3635825.90 5.01432 502521.98
3635825.90 5.15424
502571.98 3635825.90 5.31134 502621.98
3635825.90 5.47098
502671.98 3635825.90 5.63279 502721.98
3635825.90 5.79844
502771.98 3635825.90 5.97234 502821.98
3635825.90 6.14462
502871.98 3635825.90 6.31587 502921.98
3635825.90 6.47176
502971.98 3635825.90 6.66270 503021.98
3635825.90 6.74391
503071.98 3635825.90 6.88646 503121.98
3635825.90 7.09302
503171.98 3635825.90 7.31694 503221.98
3635825.90 7.19375
503271.98 3635825.90 7.32985 503321.98
3635825.90 7.61420
503371.98 3635825.90 8.08194 503421.98
3635825.90 8.36340
503471.98 3635825.90 8.61176 503521.98
3635825.90 8.53955
503571.98 3635825.90 8.81938 503621.98
3635825.90 9.14551
503671.98 3635825.90 9.25664 503721.98
3635825.90 9.25873
503771.98 3635825.90 9.24214 503821.98

3635825.90        9.31940
         503871.98    3635825.90        9.40209                        503921.98
3635825.90        9.54478
         503971.98    3635825.90        9.67553                        504021.98
3635825.90        9.51320
         504071.98    3635825.90        9.76389                        504121.98
3635825.90        9.79903
         504171.98    3635825.90        9.64651                        504221.98
3635825.90        9.63907
         504271.98    3635825.90        9.70697                        504321.98
3635825.90        9.51815
         504371.98    3635825.90        9.30240                        504421.98
3635825.90        9.16256
         504471.98    3635825.90        9.10946                        504521.98
3635825.90        9.06037
         504571.98    3635825.90        8.86491                        504621.98
3635825.90        8.76004
         504671.98    3635825.90        8.54850                        504721.98
3635825.90        8.34962
         504771.98    3635825.90        8.26503                        504821.98
3635825.90        8.23655
         504871.98    3635825.90        8.20436                        504921.98
3635825.90        8.08457

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC

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 - - -
```

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         504321.98    3635875.90        9.26334                      504371.98
3635875.90        9.10980
         504421.98    3635875.90        9.00726                      504471.98
3635875.90        8.78816
         504521.98    3635875.90        8.66214                      504571.98
3635875.90        8.53421
         504621.98    3635875.90        8.40810                      504671.98
3635875.90        8.26690
         504721.98    3635875.90        7.95847                      504771.98
3635875.90        7.87488
         504821.98    3635875.90        7.86631                      504871.98
3635875.90        7.78869
         504921.98    3635875.90        7.71795                      504971.98
3635875.90        7.68368
         505021.98    3635875.90        7.56090                      505071.98
3635875.90        7.44845
         505121.98    3635875.90        7.36077                      505171.98
3635875.90        7.25616
         505221.98    3635875.90        7.15123                      502221.98
3635925.90        4.07360
         502271.98    3635925.90        4.24035                      502321.98
3635925.90        4.37109
         502371.98    3635925.90        4.50808                      502421.98
3635925.90        4.61923
         502471.98    3635925.90        4.74414                      502521.98
3635925.90        4.85748
         502571.98    3635925.90        4.99844                      502621.98
3635925.90        5.13826
         502671.98    3635925.90        5.28750                      502721.98
3635925.90        5.44405
         502771.98    3635925.90        5.60218                      502821.98
3635925.90        5.75009
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 581
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 5.90672 | 502921.98 | 3635925.90 | 6.00383 |
| 502971.98 | 3635925.90 | 6.15184 | 503021.98 | 3635925.90 | 6.19705 |
| 503071.98 | 3635925.90 | 6.30271 | 503121.98 | 3635925.90 | 6.46487 |
| 503171.98 | 3635925.90 | 6.62175 | 503221.98 | 3635925.90 | 6.73190 |
| 503271.98 | 3635925.90 | 6.89828 | 503321.98 | 3635925.90 | 7.13528 |
| 503371.98 | 3635925.90 | 7.36720 | 503421.98 | 3635925.90 | 7.58288 |
| 503471.98 | 3635925.90 | 7.54547 | 503521.98 | 3635925.90 | 7.38296 |
| 503571.98 | 3635925.90 | 7.88402 | 503621.98 | 3635925.90 | 8.31178 |
| 503671.98 | 3635925.90 | 8.38092 | 503721.98 | 3635925.90 | 8.43572 |
| 503771.98 | 3635925.90 | 8.49742 | 503821.98 | 3635925.90 | 8.54523 |
| 503871.98 | 3635925.90 | 8.58351 | 503921.98 | 3635925.90 | 8.66576 |
| 503971.98 | 3635925.90 | 8.76936 | 504021.98 | 3635925.90 | 8.78648 |
| 504071.98 | 3635925.90 | 8.89551 | 504121.98 | 3635925.90 | 8.99627 |
| 504171.98 | 3635925.90 | 9.07146 | 504221.98 | 3635925.90 | 9.17026 |
| 504271.98 | 3635925.90 | 9.09505 | 504321.98 | 3635925.90 | 8.97511 |
| 504371.98 | 3635925.90 | 8.91914 | 504421.98 | 3635925.90 | 8.84423 |
| 504471.98 | 3635925.90 | 8.68831 | 504521.98 | 3635925.90 | 8.47620 |
| 504571.98 | 3635925.90 | 8.25050 | 504621.98 | 3635925.90 | 8.02948 |
| 504671.98 | 3635925.90 | 7.94573 | 504721.98 | 3635925.90 | 7.80635 |
| 504771.98 | 3635925.90 | 7.65668 | 504821.98 | | |

3635925.90        7.44281
         504871.98    3635925.90        7.39509                          504921.98
3635925.90        7.33107
         504971.98    3635925.90        7.34447                          505021.98
3635925.90        7.26502
         505071.98    3635925.90        7.16396                          505121.98
3635925.90        7.03108
         505171.98    3635925.90        6.91982                          505221.98
3635925.90        6.86425
         502221.98    3635975.90        3.94831                          502271.98
3635975.90        4.11277
         502321.98    3635975.90        4.23943                          502371.98
3635975.90        4.38457
         502421.98    3635975.90        4.49095                          502471.98
3635975.90        4.61284
         502521.98    3635975.90        4.72424                          502571.98
3635975.90        4.86904
         502621.98    3635975.90        5.00028                          502671.98
3635975.90        5.13306
         502721.98    3635975.90        5.27945                          502771.98
3635975.90        5.42649
         502821.98    3635975.90        5.56803                          502871.98
3635975.90        5.71588
         502921.98    3635975.90        5.80295                          502971.98
3635975.90        5.93907
         503021.98    3635975.90        5.96974                          503071.98
3635975.90        6.09279
         503121.98    3635975.90        6.20295                          503171.98
3635975.90        6.33888
         503221.98    3635975.90        6.46871                          503271.98
3635975.90        6.66133
         503321.98    3635975.90        6.85585                          503371.98
3635975.90        7.11153
         503421.98    3635975.90        7.08637                          503471.98
3635975.90        7.07730
         503521.98    3635975.90        7.31601                          503571.98
3635975.90        7.76517
         503621.98    3635975.90        7.92964                          503671.98
3635975.90        8.01374
         503721.98    3635975.90        8.07655                          503771.98
3635975.90        8.13087


                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 , L0000316 , L0000317
, L0000318 , L0000319 , L0000910 ,
L0000911 , L0000912 , L0000913 , L0000914 , L0000915
, L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 8.16721 | 503871.98 | 3635975.90 | 8.18384 |
| 503921.98 | 3635975.90 | 8.25329 | 503971.98 | 3635975.90 | 8.34420 |
| 504021.98 | 3635975.90 | 8.45045 | 504071.98 | 3635975.90 | 8.56786 |
| 504121.98 | 3635975.90 | 8.67174 | 504171.98 | 3635975.90 | 8.76319 |
| 504221.98 | 3635975.90 | 8.81309 | 504271.98 | 3635975.90 | 8.77861 |
| 504321.98 | 3635975.90 | 8.74860 | 504371.98 | 3635975.90 | 8.73140 |
| 504421.98 | 3635975.90 | 8.65665 | 504471.98 | 3635975.90 | 8.49157 |
| 504521.98 | 3635975.90 | 8.36798 | 504571.98 | 3635975.90 | 8.21391 |
| 504621.98 | 3635975.90 | 8.09408 | 504671.98 | 3635975.90 | 7.85795 |
| 504721.98 | 3635975.90 | 7.69369 | 504771.98 | 3635975.90 | 7.48988 |
| 504821.98 | 3635975.90 | 7.29593 | 504871.98 | 3635975.90 | 7.16171 |
| 504921.98 | 3635975.90 | 7.03483 | 504971.98 | 3635975.90 | 7.02481 |
| 505021.98 | 3635975.90 | 6.94925 | 505071.98 | 3635975.90 | 6.85796 |
| 505121.98 | 3635975.90 | 6.74437 | 505171.98 | 3635975.90 | 6.63676 |
| 505221.98 | 3635975.90 | 6.51132 | 501721.98 | 3632475.90 | 7.26594 |

501821.98 3632475.90 8.01207 501921.98
3632475.90 8.65806
502021.98 3632475.90 9.22479 502121.98
3632475.90 9.71628
502221.98 3632475.90 10.11298 502321.98
3632475.90 10.43208
502421.98 3632475.90 10.72477 502521.98
3632475.90 10.98287
502621.98 3632475.90 11.27772 502721.98
3632475.90 11.47473
502821.98 3632475.90 11.67602 502921.98
3632475.90 11.66120
503021.98 3632475.90 11.70443 503121.98
3632475.90 11.63916
503221.98 3632475.90 11.51638 503321.98
3632475.90 11.14166
503421.98 3632475.90 10.55379 503721.98
3632475.90 7.96824
503821.98 3632475.90 6.49591 503921.98
3632475.90 5.23388
504021.98 3632475.90 4.49567 504121.98
3632475.90 4.19477
504221.98 3632475.90 3.77164 504321.98
3632475.90 3.53981
504421.98 3632475.90 3.65785 504521.98
3632475.90 3.81115
504621.98 3632475.90 3.24338 504721.98
3632475.90 3.01686
504821.98 3632475.90 2.95534 504921.98
3632475.90 2.84094
505021.98 3632475.90 2.69080 505121.98
3632475.90 2.66349
505221.98 3632475.90 2.53297 505321.98
3632475.90 2.46161
505421.98 3632475.90 2.43768 505521.98
3632475.90 2.43160
505621.98 3632475.90 2.47109 505721.98
3632475.90 2.54098
501721.98 3632575.90 9.79791 501821.98
3632575.90 11.05669
501921.98 3632575.90 12.04457 502021.98
3632575.90 12.82575
502121.98 3632575.90 13.42835 502221.98
3632575.90 13.82473
502321.98 3632575.90 14.19995 502421.98
3632575.90 14.51653
502521.98 3632575.90 14.78747 502621.98
3632575.90 15.08979
502721.98 3632575.90 15.57578 502821.98
3632575.90 15.88210

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 16.11033 | 503021.98 | 3632575.90 | 16.16089 |
| 503121.98 | 3632575.90 | 16.10971 | 503221.98 | 3632575.90 | 15.85132 |
| 503321.98 | 3632575.90 | 15.32894 | 503421.98 | 3632575.90 | 14.18420 |
| 503721.98 | 3632575.90 | 8.73200 | 503821.98 | 3632575.90 | 6.59286 |
| 503921.98 | 3632575.90 | 4.62803 | 504021.98 | 3632575.90 | 4.14261 |
| 504121.98 | 3632575.90 | 3.89967 | 504221.98 | 3632575.90 | 3.68515 |
| 504321.98 | 3632575.90 | 3.46333 | 504421.98 | 3632575.90 | 3.43618 |
| 504521.98 | 3632575.90 | 3.65770 | 504621.98 | 3632575.90 | 3.43974 |
| 504721.98 | 3632575.90 | 3.08286 | 504821.98 | 3632575.90 | 3.04696 |
| 504921.98 | 3632575.90 | 2.91247 | 505021.98 | 3632575.90 | 2.76724 |
| 505121.98 | 3632575.90 | 2.75175 | 505221.98 | | |

3632575.90 2.69022
505321.98 3632575.90 2.63781 505421.98
3632575.90 2.64039
505521.98 3632575.90 2.64035 505621.98
3632575.90 2.68065
505721.98 3632575.90 2.69607 501721.98
3632675.90 17.28510
501821.98 3632675.90 19.63423 501921.98
3632675.90 21.39746
502021.98 3632675.90 22.89877 502121.98
3632675.90 23.74238
502221.98 3632675.90 24.05563 502321.98
3632675.90 24.44622
502421.98 3632675.90 24.79843 502521.98
3632675.90 24.98456
502621.98 3632675.90 25.44513 502721.98
3632675.90 27.06005
502821.98 3632675.90 29.33136 502921.98
3632675.90 31.68217
503021.98 3632675.90 32.23339 503721.98
3632675.90 9.91647
503821.98 3632675.90 7.62005 503921.98
3632675.90 5.85356
504021.98 3632675.90 4.74021 504121.98
3632675.90 4.21306
504221.98 3632675.90 3.88999 504321.98
3632675.90 3.68228
504421.98 3632675.90 3.59654 504521.98
3632675.90 3.55470
504621.98 3632675.90 3.41410 504721.98
3632675.90 3.27394
504821.98 3632675.90 3.19642 504921.98
3632675.90 3.05986
505021.98 3632675.90 2.95080 505121.98
3632675.90 2.90753
505221.98 3632675.90 2.86237 505321.98
3632675.90 2.81159
505421.98 3632675.90 2.84364 505521.98
3632675.90 2.89530
505621.98 3632675.90 2.89538 505721.98
3632675.90 2.80124
502421.98 3632775.90 48.42530 502521.98
3632775.90 45.74482
502621.98 3632775.90 40.93473 502721.98
3632775.90 34.83939
502821.98 3632775.90 32.10749 502921.98
3632775.90 32.54290
503021.98 3632775.90 28.43562 503121.98
3632775.90 30.46177
503221.98 3632775.90 30.31013 503621.98

3632775.90       17.63305
         503721.98    3632775.90       12.29000                       503821.98
3632775.90        8.04338
         503921.98    3632775.90        6.81299                       504021.98
3632775.90        5.91620
         504121.98    3632775.90        4.97089                       504221.98
3632775.90        4.36286
         504321.98    3632775.90        4.01566                       504421.98
3632775.90        3.85723

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         504521.98    3632775.90        3.73440                       504621.98
3632775.90        3.59356
         504721.98    3632775.90        3.48818                       504821.98
3632775.90        3.36425
         504921.98    3632775.90        3.26746                       505021.98
3632775.90        3.18084
         505121.98    3632775.90        3.12588                       505221.98
3632775.90        3.06586
         505321.98    3632775.90        3.05738                       505421.98
3632775.90        3.10039
         505521.98    3632775.90        3.14148                       505621.98
3632775.90        3.13221

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         505721.98    3632775.90        3.03664                    501721.98
3632875.90       14.24140
         501821.98    3632875.90       15.75448                    501921.98
3632875.90       16.66998
         502021.98    3632875.90       17.17082                    502121.98
3632875.90       17.56473
         502221.98    3632875.90       17.57574                    502321.98
3632875.90       17.67870
         502421.98    3632875.90       17.89297                    502521.98
3632875.90       17.85949
         502621.98    3632875.90       17.59028                    502721.98
3632875.90       17.50847
         502821.98    3632875.90       17.21889                    502921.98
3632875.90       16.38254
         503021.98    3632875.90       10.00094                    503121.98
3632875.90       14.10454
         503221.98    3632875.90       18.27522                    503321.98
3632875.90       20.49055
         503421.98    3632875.90       26.65425                    503621.98
3632875.90       26.33207
         503721.98    3632875.90       14.98369                    503821.98
3632875.90        8.77226
         503921.98    3632875.90        6.51345                    504021.98
3632875.90        5.76640
         504121.98    3632875.90        5.21001                    504221.98
3632875.90        4.66629
         504321.98    3632875.90        4.36487                    504421.98
3632875.90        4.13679
         504521.98    3632875.90        3.97329                    504621.98
3632875.90        3.83364
         504721.98    3632875.90        3.72842                    504821.98
3632875.90        3.59470
         504921.98    3632875.90        3.50785                    505021.98
3632875.90        3.44734
         505121.98    3632875.90        3.37639                    505221.98
3632875.90        3.35116
         505321.98    3632875.90        3.36694                    505421.98
3632875.90        3.42174
         505521.98    3632875.90        3.38055                    505621.98
3632875.90        3.37172
         505721.98    3632875.90        3.24715                    501721.98
3632975.90        9.29550
         501821.98    3632975.90       10.26797                    501921.98
3632975.90       10.99010
         502021.98    3632975.90       11.54623                    502121.98
3632975.90       11.95312
         505321.98    3632975.90        3.75115                    505421.98
3632975.90        3.72278
         505521.98    3632975.90        3.71010                    505621.98
3632975.90        3.62808
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         505721.98    3632975.90        3.47133                       501721.98
3633075.90        7.44357
         501821.98    3633075.90        8.10452                       501921.98
3633075.90        8.70461
         502021.98    3633075.90        9.20148                       502121.98
3633075.90        9.65164
         505321.98    3633075.90        4.08176                       505421.98
3633075.90        4.08979
         505521.98    3633075.90        4.04893                       505621.98
3633075.90        3.91661
         505721.98    3633075.90        3.68101                       501721.98
3633175.90        6.53254
         501821.98    3633175.90        7.05069                       501921.98
3633175.90        7.53627
         502021.98    3633175.90        8.00342                       502121.98
3633175.90        8.39694
         505321.98    3633175.90        4.45530                       505421.98
3633175.90        4.38054
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 585
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3633175.90        4.33331                       505621.98
3633175.90        4.23481
         505721.98    3633175.90        3.94651                       501721.98
```

3633275.90 6.01192
501821.98 3633275.90 6.46406 501921.98 3633275.90 6.89624
502021.98 3633275.90 7.32814 502121.98 3633275.90 7.72571
505321.98 3633275.90 4.86996 505421.98 3633275.90 4.65125
505521.98 3633275.90 4.60065 505621.98 3633275.90 4.54345
505721.98 3633275.90 4.25806 501721.98 3633375.90 5.68655
501821.98 3633375.90 6.08722 501921.98 3633375.90 6.49010
502021.98 3633375.90 6.90243 502121.98 3633375.90 7.32535
505321.98 3633375.90 5.34367 505421.98 3633375.90 4.95686
505521.98 3633375.90 4.79724 505621.98 3633375.90 4.78625
505721.98 3633375.90 4.55373 501721.98 3633475.90 5.48113
501821.98 3633475.90 5.85762 501921.98 3633475.90 6.25466
502021.98 3633475.90 6.66240 502121.98 3633475.90 7.07365
505321.98 3633475.90 5.74760 505421.98 3633475.90 5.27713
505521.98 3633475.90 5.07809 505621.98 3633475.90 4.89241
505721.98 3633475.90 4.70970 501721.98 3633575.90 5.34461
501821.98 3633575.90 5.71042 501921.98 3633575.90 6.09397
502021.98 3633575.90 6.49849 502121.98 3633575.90 6.98389
505321.98 3633575.90 6.05456 505421.98 3633575.90 5.44475
505521.98 3633575.90 5.18788 505621.98 3633575.90 5.02578
505721.98 3633575.90 4.82022 501721.98 3633675.90 5.25617
501821.98 3633675.90 5.60797 501921.98 3633675.90 5.99596
502021.98 3633675.90 6.41578 502121.98 3633675.90 6.89899
505321.98 3633675.90 6.12845 505421.98 3633675.90 5.44978
505521.98 3633675.90 5.19603 505621.98 3633675.90 5.04332
505721.98 3633675.90 4.96900 501721.98

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3633775.90        5.19787
         501821.98    3633775.90        5.54936                      501921.98
3633775.90        5.93452
         502021.98    3633775.90        6.35677                      502121.98
3633775.90        6.81783
         505321.98    3633775.90        6.28963                      505421.98
3633775.90        5.71112
         505521.98    3633775.90        5.30016                      505621.98
3633775.90        5.13714
         505721.98    3633775.90        5.08656                      501721.98
3633875.90        5.15319
         501821.98    3633875.90        5.51573                      501921.98
3633875.90        5.88292
         502021.98    3633875.90        6.33001                      502121.98
3633875.90        6.80287
         505321.98    3633875.90        6.42152                      505421.98
3633875.90        5.94937
         505521.98    3633875.90        5.49001                      505621.98
3633875.90        5.12360
         505721.98    3633875.90        5.06764                      501721.98
3633975.90        5.12166
         501821.98    3633975.90        5.47984                      501921.98
3633975.90        5.87514
         502021.98    3633975.90        6.31022                      502121.98
3633975.90        6.80891
         505321.98    3633975.90        6.41203                      505421.98
3633975.90        5.94004
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 586
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 5.49170 | 505621.98 | 3633975.90 | 5.13127 |
| 505721.98 | 3633975.90 | 4.96596 | 501721.98 | 3634075.90 | 5.09470 |
| 501821.98 | 3634075.90 | 5.45691 | 501921.98 | 3634075.90 | 5.85737 |
| 502021.98 | 3634075.90 | 6.30267 | 502121.98 | 3634075.90 | 6.80279 |
| 505321.98 | 3634075.90 | 6.28042 | 505421.98 | 3634075.90 | 5.86505 |
| 505521.98 | 3634075.90 | 5.68516 | 505621.98 | 3634075.90 | 5.38369 |
| 505721.98 | 3634075.90 | 4.87999 | 501721.98 | 3634175.90 | 5.05642 |
| 501821.98 | 3634175.90 | 5.43165 | 501921.98 | 3634175.90 | 5.83958 |
| 502021.98 | 3634175.90 | 6.26687 | 502121.98 | 3634175.90 | 6.79015 |
| 505321.98 | 3634175.90 | 6.72423 | 505421.98 | 3634175.90 | 6.35884 |
| 505521.98 | 3634175.90 | 6.02203 | 505621.98 | 3634175.90 | 5.27020 |
| 505721.98 | 3634175.90 | 4.67450 | 501721.98 | 3634275.90 | 5.02692 |
| 501821.98 | 3634275.90 | 5.38768 | 501921.98 | 3634275.90 | 5.79078 |
| 502021.98 | 3634275.90 | 6.24028 | 502121.98 | 3634275.90 | 6.75733 |
| 505321.98 | 3634275.90 | 7.41949 | 505421.98 | 3634275.90 | 6.96598 |
| 505521.98 | 3634275.90 | 5.72714 | 505621.98 | 3634275.90 | 5.15520 |
| 505721.98 | 3634275.90 | 4.59149 | 501721.98 | 3634375.90 | 5.01422 |
| 501821.98 | 3634375.90 | 5.38605 | 501921.98 | 3634375.90 | 5.77794 |
| 502021.98 | 3634375.90 | 6.23135 | 502121.98 | 3634375.90 | 6.76962 |
| 505321.98 | 3634375.90 | 7.86611 | 505421.98 | 3634375.90 | 7.12968 |
| 505521.98 | 3634375.90 | 5.58348 | 505621.98 | 3634375.90 | 4.89288 |
| 505721.98 | 3634375.90 | 4.49435 | 501721.98 | 3634475.90 | 4.99171 |

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         501821.98    3634475.90        5.36328                      501921.98
3634475.90        5.77462
         502021.98    3634475.90        6.24881                      502121.98
3634475.90        6.76688
         505321.98    3634475.90        7.83071                      505421.98
3634475.90        8.26198
         505521.98    3634475.90        6.60108                      505621.98
3634475.90        5.41867
         505721.98    3634475.90        4.59328                      501721.98
3634575.90        4.95297
         501821.98    3634575.90        5.31233                      501921.98
3634575.90        5.71818
         502021.98    3634575.90        6.18576                      502121.98
3634575.90        6.72033
         505321.98    3634575.90        7.69932                      505421.98
3634575.90        8.75940
         505521.98    3634575.90        7.74170                      505621.98
3634575.90        5.86579
         505721.98    3634575.90        4.86762                      501721.98
3634675.90        4.90782
         501821.98    3634675.90        5.26926                      501921.98
3634675.90        5.66707
         502021.98    3634675.90        6.12545                      502121.98
3634675.90        6.61046
         505321.98    3634675.90        7.90960                      505421.98
3634675.90        8.95817
         505521.98    3634675.90        8.96799                      505621.98
3634675.90        7.36230
         505721.98    3634675.90        5.69755                      501721.98
3634775.90        4.84128
         501821.98    3634775.90        5.19665                      501921.98
3634775.90        5.57539
         502021.98    3634775.90        6.02543                      502121.98
3634775.90        6.51773
         505321.98    3634775.90        8.16042                      505421.98
3634775.90       10.22869
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 587
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
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                L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         505521.98    3634775.90        9.45414                      505621.98
3634775.90        8.41694
         505721.98    3634775.90        7.15192                      501721.98
3634875.90        4.75629
         501821.98    3634875.90        5.09987                      501921.98
3634875.90        5.47456
         502021.98    3634875.90        5.89278                      502121.98
3634875.90        6.36274
         505321.98    3634875.90        9.27610                      505421.98
3634875.90       10.86221
         505521.98    3634875.90        9.99991                      505621.98
3634875.90        9.21346
         505721.98    3634875.90        8.42055                      501721.98
3634975.90        4.66462
         501821.98    3634975.90        4.98383                      501921.98
3634975.90        5.33156
         502021.98    3634975.90        5.72252                      502121.98
3634975.90        6.16517
         505321.98    3634975.90       10.89515                      505421.98
3634975.90       11.87825
         505521.98    3634975.90       11.00237                      505621.98
3634975.90       10.08308
         505721.98    3634975.90        9.25301                      501721.98
3635075.90        4.76340
         501821.98    3635075.90        4.92871                      501921.98
3635075.90        5.84062
         502021.98    3635075.90        6.16284                      502121.98
3635075.90        5.94374
         505321.98    3635075.90       13.31089                      505421.98
3635075.90       13.69312
         505521.98    3635075.90       12.61450                      505621.98
3635075.90       11.45541
         505721.98    3635075.90       10.45738                      501721.98
3635175.90        4.97282
         501821.98    3635175.90        5.21042                      501921.98
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3635175.90        5.67171
         502021.98    3635175.90        5.91505                      502121.98
3635175.90        5.94524
         505321.98    3635175.90       20.25595                      505421.98
3635175.90       18.38530
         505521.98    3635175.90       16.64802                      505621.98
3635175.90       14.94201
         505721.98    3635175.90       13.12197                      501721.98
3635275.90        4.86773
         501821.98    3635275.90        5.09235                      501921.98
3635275.90        5.34344
         502021.98    3635275.90        5.60962                      502121.98
3635275.90        5.81393
         505621.98    3635275.90       28.55769                      505721.98
3635275.90       22.23541
         501721.98    3635375.90        4.52986                      501821.98
3635375.90        4.74847
         501921.98    3635375.90        4.96770                      502021.98
3635375.90        5.20694
         502121.98    3635375.90        5.47623                      505621.98
3635375.90       28.82867
         501721.98    3635475.90        4.17874                      501821.98
3635475.90        4.37228
         501921.98    3635475.90        4.63191                      502021.98
3635475.90        4.89655
         502121.98    3635475.90        5.14696                      505621.98
3635475.90       13.78679
         505721.98    3635475.90       13.69890                      501721.98
3635575.90        3.88552
         501821.98    3635575.90        4.07978                      501921.98
3635575.90        4.33741
         502021.98    3635575.90        4.56106                      502121.98
3635575.90        4.77236
         505321.98    3635575.90       10.45260                      505421.98
3635575.90       10.11925
         505521.98    3635575.90        9.94012                      505621.98
3635575.90        9.67206
         505721.98    3635575.90        9.36778                      501721.98
3635675.90        3.60658
         501821.98    3635675.90        3.82912                      501921.98
3635675.90        4.04638
         502021.98    3635675.90        4.24575                      502121.98
3635675.90        4.43709
         505321.98    3635675.90        8.76873                      505421.98
3635675.90        8.50220
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 8.18167 | 505621.98 | 3635675.90 | 7.90334 |
| 505721.98 | 3635675.90 | 7.50025 | 501721.98 | 3635775.90 | 3.34745 |
| 501821.98 | 3635775.90 | 3.59029 | 501921.98 | 3635775.90 | 3.80856 |
| 502021.98 | 3635775.90 | 3.99589 | 502121.98 | 3635775.90 | 4.19469 |
| 505321.98 | 3635775.90 | 7.69356 | 505421.98 | 3635775.90 | 7.43253 |
| 505521.98 | 3635775.90 | 7.13978 | 505621.98 | 3635775.90 | 6.81240 |
| 505721.98 | 3635775.90 | 6.47532 | 501721.98 | 3635875.90 | 3.10150 |
| 501821.98 | 3635875.90 | 3.35378 | 501921.98 | 3635875.90 | 3.58779 |
| 502021.98 | 3635875.90 | 3.75743 | 502121.98 | 3635875.90 | 3.95589 |
| 505321.98 | 3635875.90 | 6.98035 | 505421.98 | 3635875.90 | 6.63651 |
| 505521.98 | 3635875.90 | 6.36583 | 505621.98 | 3635875.90 | 6.06847 |
| 505721.98 | 3635875.90 | 5.76239 | 501721.98 | 3635975.90 | 2.92782 |
| 501821.98 | 3635975.90 | 3.17874 | 501921.98 | 3635975.90 | 3.38580 |

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         502021.98    3635975.90        3.53553                    502121.98
3635975.90        3.72434
         505321.98    3635975.90        6.31416                    505421.98
3635975.90        6.04257
         505521.98    3635975.90        5.78386                    505621.98
3635975.90        5.53354
         505721.98    3635975.90        5.24143                    501721.98
3636075.90        2.82163
         501821.98    3636075.90        2.99599                    501921.98
3636075.90        3.18456
         502021.98    3636075.90        3.33359                    502121.98
3636075.90        3.51996
         502221.98    3636075.90        3.74668                    502321.98
3636075.90        4.01603
         502421.98    3636075.90        4.25423                    502521.98
3636075.90        4.47886
         502621.98    3636075.90        4.71963                    502721.98
3636075.90        4.97976
         502821.98    3636075.90        5.23128                    502921.98
3636075.90        5.42753
         503021.98    3636075.90        5.60638                    503121.98
3636075.90        5.65956
         503221.98    3636075.90        5.99452                    503321.98
3636075.90        6.38107
         503421.98    3636075.90        6.70354                    503521.98
3636075.90        7.01926
         503621.98    3636075.90        7.24310                    503721.98
3636075.90        7.38845
         503821.98    3636075.90        7.49474                    503921.98
3636075.90        7.61723
         504021.98    3636075.90        7.76457                    504121.98
3636075.90        7.88549
         504221.98    3636075.90        7.97111                    504321.98
3636075.90        8.03660
         504421.98    3636075.90        7.92338                    504521.98
3636075.90        7.71699
         504621.98    3636075.90        7.61758                    504721.98
3636075.90        7.43737
         504821.98    3636075.90        7.03182                    504921.98
3636075.90        6.64016
         505021.98    3636075.90        6.43442                    505121.98
3636075.90        6.20809
         505221.98    3636075.90        5.99720                    505321.98
3636075.90        5.80098
         505421.98    3636075.90        5.54063                    505521.98
3636075.90        5.34465
         505621.98    3636075.90        5.10749                    505721.98
3636075.90        4.85717
         501721.98    3636175.90        2.64589                    501821.98
3636175.90        2.81758
```

*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 ,
L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 3.82919 | 502421.98 | 3636175.90 | 4.05331 |
| 502521.98 | 3636175.90 | 4.26061 | 502621.98 | 3636175.90 | 4.48421 |
| 502721.98 | 3636175.90 | 4.68835 | 502821.98 | 3636175.90 | 4.88617 |
| 502921.98 | 3636175.90 | 5.05880 | 503021.98 | 3636175.90 | 5.17295 |
| 503121.98 | 3636175.90 | 5.04438 | 503221.98 | 3636175.90 | 5.47226 |
| 503321.98 | 3636175.90 | 5.87357 | 503421.98 | 3636175.90 | 6.16477 |
| 503521.98 | 3636175.90 | 6.40591 | 503621.98 | 3636175.90 | 6.61958 |
| 503721.98 | 3636175.90 | 6.73752 | 503821.98 | 3636175.90 | 6.80763 |
| 503921.98 | 3636175.90 | 6.87717 | 504021.98 | | |

3636175.90 6.94855
504121.98 3636175.90 6.96420 504221.98
3636175.90 7.05436
504321.98 3636175.90 6.81155 504421.98
3636175.90 6.37574
504521.98 3636175.90 5.62710 504621.98
3636175.90 6.11144
504721.98 3636175.90 6.88094 504821.98
3636175.90 6.71574
504921.98 3636175.90 6.49061 505021.98
3636175.90 6.13392
505121.98 3636175.90 5.76840 505221.98
3636175.90 5.57883
505321.98 3636175.90 5.41403 505421.98
3636175.90 5.21949
505521.98 3636175.90 4.97815 505621.98
3636175.90 4.76982
505721.98 3636175.90 4.55178 501721.98
3636275.90 2.53211
501821.98 3636275.90 2.68409 501921.98
3636275.90 2.86330
502021.98 3636275.90 3.04273 502121.98
3636275.90 3.24792
502221.98 3636275.90 3.46017 502321.98
3636275.90 3.66710
502421.98 3636275.90 3.86679 502521.98
3636275.90 4.06326
502621.98 3636275.90 4.23219 502721.98
3636275.90 4.40038
502821.98 3636275.90 4.55537 502921.98
3636275.90 4.68814
503021.98 3636275.90 4.83971 503121.98
3636275.90 4.87273
503221.98 3636275.90 4.94924 503321.98
3636275.90 5.23936
503421.98 3636275.90 5.57343 503521.98
3636275.90 5.81979
503621.98 3636275.90 6.00517 503721.98
3636275.90 6.11901
503821.98 3636275.90 6.17506 503921.98
3636275.90 6.21087
504021.98 3636275.90 6.18255 504121.98
3636275.90 6.04924
504221.98 3636275.90 5.60645 504321.98
3636275.90 4.62343
504421.98 3636275.90 4.46081 504521.98
3636275.90 4.30584
504621.98 3636275.90 4.76006 504721.98
3636275.90 5.46768
504821.98 3636275.90 5.06262 504921.98

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3636275.90        5.91391
         505021.98    3636275.90        5.74851                        505121.98
3636275.90        5.39627
         505221.98    3636275.90        5.21714                        505321.98
3636275.90        5.08365
         505421.98    3636275.90        4.91296                        505521.98
3636275.90        4.68509
         505621.98    3636275.90        4.49504                        505721.98
3636275.90        4.30845
         501721.98    3636375.90        2.41834                        501821.98
3636375.90        2.57372
         501921.98    3636375.90        2.76531                        502021.98
3636375.90        2.92756
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 590
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         502121.98    3636375.90        3.11920                        502221.98
3636375.90        3.30012
         502321.98    3636375.90        3.47767                        502421.98
3636375.90        3.68053
         502521.98    3636375.90        3.85629                        502621.98
3636375.90        4.02045
         502721.98    3636375.90        4.12846                        502821.98
3636375.90        4.22100
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         502921.98    3636375.90        4.30887                    503021.98
3636375.90        4.39618
         503121.98    3636375.90        4.41428                    503221.98
3636375.90        4.42320
         503321.98    3636375.90        4.64574                    503421.98
3636375.90        5.06071
         503521.98    3636375.90        5.26247                    503621.98
3636375.90        5.41027
         503721.98    3636375.90        5.54555                    503821.98
3636375.90        5.61646
         503921.98    3636375.90        5.50992                    504021.98
3636375.90        5.43625
         504121.98    3636375.90        5.16036                    504221.98
3636375.90        4.57499
         504321.98    3636375.90        4.07297                    504421.98
3636375.90        3.90199
         504521.98    3636375.90        3.88218                    504621.98
3636375.90        4.11326
         504721.98    3636375.90        4.46734                    504821.98
3636375.90        4.16075
         504921.98    3636375.90        4.21388                    505021.98
3636375.90        5.32724
         505121.98    3636375.90        5.17297                    505221.98
3636375.90        4.97885
         505321.98    3636375.90        4.80501                    505421.98
3636375.90        4.61750
         505521.98    3636375.90        4.44426                    505621.98
3636375.90        4.26555
         505721.98    3636375.90        4.09308                    501721.98
3636475.90        2.26713
         501821.98    3636475.90        2.42847                    501921.98
3636475.90        2.65412
         502021.98    3636475.90        2.79132                    502121.98
3636475.90        2.94838
         502221.98    3636475.90        3.13380                    502321.98
3636475.90        3.32895
         502421.98    3636475.90        3.51431                    502521.98
3636475.90        3.65752
         502621.98    3636475.90        3.78810                    502721.98
3636475.90        3.87708
         502821.98    3636475.90        3.89502                    502921.98
3636475.90        3.96405
         503021.98    3636475.90        3.98863                    503121.98
3636475.90        3.95876
         503221.98    3636475.90        3.95760                    503321.98
3636475.90        4.21338
         503421.98    3636475.90        4.50894                    503521.98
3636475.90        4.73393
         503621.98    3636475.90        4.87419                    503721.98
3636475.90        5.02421
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3636475.90        4.86963
         504021.98    3636475.90        4.11097                      504121.98
3636475.90        4.23610
         504221.98    3636475.90        4.21855                      504321.98
3636475.90        3.70033
         504421.98    3636475.90        3.56446                      504521.98
3636475.90        3.53872
         504621.98    3636475.90        3.56304                      504721.98
3636475.90        3.60751
         504821.98    3636475.90        3.61785                      504921.98
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         505021.98    3636475.90        4.83671                      505121.98
3636475.90        4.90486
         505221.98    3636475.90        4.71453                      505321.98
3636475.90        4.54353
         505421.98    3636475.90        4.35825                      505521.98
3636475.90        4.20112
         505621.98    3636475.90        4.04897                      505721.98
3636475.90        3.88907
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 591
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        502921.98   3633475.90       12.03821  (19010119)               502971.98
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        503221.98   3633475.90       28.61254  (21030103)                503271.98
3633475.90       30.98974  (21030103)
        503321.98   3633475.90       67.53286  (21031822)                503371.98
3633475.90       66.81617  (20121603)
        503421.98   3633475.90       64.01542  (20092123)                503471.98
3633475.90       84.02640  (20090205)
        503521.98   3633475.90       90.57168  (20090205)                503621.98
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        504071.98   3633475.90       83.09183  (20022622)                504121.98
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        504271.98   3633475.90       76.27558  (21013021)                504321.98
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        504571.98   3633475.90       62.55134  (21021820)                504621.98
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        504671.98   3633475.90       57.10431  (19122301)                504721.98
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        504071.98   3633525.90       87.38483  (20022622)                504121.98
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        504171.98   3633525.90       83.66119  (21022205)                504221.98
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        504271.98   3633525.90       82.98128  (21013021)                504321.98
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        504371.98   3633525.90       72.93582  (20112022)                504421.98
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        504471.98   3633525.90       70.16166  (20011902)                504521.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 592
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        503021.98   3633575.90       14.44456  (19010119)              503071.98
3633575.90       14.11960  (19010119)
        503121.98   3633575.90       13.29816  (19010119)              503171.98
3633575.90       17.44241  (21030103)
        503221.98   3633575.90       23.92790  (21030103)              503271.98
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        503421.98   3633575.90       81.59371  (21031822)              503471.98
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        504371.98   3633625.90       85.01621  (21010102)                504421.98
3633625.90       81.76216  (19022705)
        504471.98   3633625.90       77.98812  (20121007)                504521.98
3633625.90       73.01816  (21010522)
        504571.98   3633625.90       69.31194  (20122923)                504621.98
3633625.90       65.52195  (21022502)
        504671.98   3633625.90       62.69462  (19120104)                504721.98
3633625.90       61.83612  (20021702)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 593
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
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| 502921.98 | 3633675.90 | 21.22306 | (21111004) | 502971.98 | 3633675.90 | 21.50746 | (21111004) |
| 503021.98 | 3633675.90 | 21.08079 | (21111004) | 503071.98 | 3633675.90 | 19.85851 | (21111004) |
| 503121.98 | 3633675.90 | 17.90413 | (21111004) | 503171.98 | 3633675.90 | 17.45973 | (19010119) |
| 503221.98 | 3633675.90 | 16.68917 | (19010119) | 503271.98 | 3633675.90 | 22.09596 | (21030103) |
| 503321.98 | 3633675.90 | 30.76060 | (21030103) | 503371.98 | 3633675.90 | 39.01766 | (21030103) |
| 503421.98 | 3633675.90 | 44.61864 | (20121603) | 503471.98 | 3633675.90 | 59.20441 | (20121603) |
| 503521.98 | 3633675.90 | 77.10096 | (20121603) | 503571.98 | 3633675.90 | 129.91020 | (20092124) |
| 503671.98 | 3633675.90 | 117.28209 | (20111701) | 503721.98 | 3633675.90 | 121.85474 | (19081924) |
| 503771.98 | 3633675.90 | 125.96750 | (19081924) | 503821.98 | 3633675.90 | 128.93291 | (19101521) |
| 503871.98 | 3633675.90 | 125.02909 | (20050102) | 503921.98 | 3633675.90 | 122.71611 | (20082503) |
| 503971.98 | 3633675.90 | 143.71029 | (20082921) | 504021.98 | 3633675.90 | 114.55963 | (19032124) |
| 504071.98 | 3633675.90 | 120.59496 | (21013120) | 504121.98 | 3633675.90 | 122.86186 | (19102905) |
| 504171.98 | 3633675.90 | 121.57009 | (21011620) | 504221.98 | 3633675.90 | 117.03696 | (21013021) |
| 504271.98 | 3633675.90 | 102.65135 | (20073020) | 504321.98 | 3633675.90 | 91.70002 | (21011323) |
| 504371.98 | 3633675.90 | 88.31899 | (20011902) | 504421.98 | 3633675.90 | 85.78886 | (21021820) |
| 504471.98 | 3633675.90 | 79.38842 | (19121906) | 504521.98 | 3633675.90 | 75.32621 | (20122923) |
| 504571.98 | 3633675.90 | 70.76978 | (21022502) | 504621.98 | 3633675.90 | 67.95733 | (19120104) |
| 504671.98 | 3633675.90 | 66.34279 | (20021702) | 504721.98 | 3633675.90 | 61.87491 | (21010922) |
| 502721.98 | 3633725.90 | 13.64715 | (21111004) | 502771.98 | 3633725.90 | 15.74122 | (21111004) |
| 502821.98 | 3633725.90 | 17.85902 | (21111004) | 502871.98 | 3633725.90 | 19.91542 | (21111004) |
| 502921.98 | 3633725.90 | 21.76869 | (21111004) | 502971.98 | | | |

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        503221.98   3633725.90       19.61572  (19010119)                503271.98
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        504421.98   3633725.90       88.59894  (21011520)                504471.98
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        504621.98   3633725.90       75.72362  (20081805)                504671.98
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        504721.98   3633725.90       67.03282  (20111118)                502721.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 594
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
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| 502971.98 | 3633775.90 | 23.05469 | (21111004) | 503021.98 | 3633775.90 | 25.08106 | (21111004) |
| 503071.98 | 3633775.90 | 26.49133 | (21111004) | 503121.98 | 3633775.90 | 27.01986 | (21111004) |
| 503171.98 | 3633775.90 | 26.44641 | (21111004) | 503221.98 | 3633775.90 | 24.64166 | (21111004) |
| 503271.98 | 3633775.90 | 22.16520 | (19010119) | 503321.98 | 3633775.90 | 21.56845 | (19010119) |
| 503371.98 | 3633775.90 | 28.87661 | (21030103) | 503421.98 | 3633775.90 | 40.95650 | (21030103) |
| 503471.98 | 3633775.90 | 51.60446 | (21030103) | 503771.98 | 3633775.90 | 184.10175 | (19081924) |
| 503821.98 | 3633775.90 | 158.62930 | (19110606) | 503871.98 | 3633775.90 | 173.60229 | (21090401) |
| 503921.98 | 3633775.90 | 164.94558 | (20082503) | 503971.98 | 3633775.90 | 171.97317 | (20082921) |
| 504021.98 | 3633775.90 | 156.45641 | (20022622) | 504071.98 | 3633775.90 | 160.44557 | (19102905) |
| 504121.98 | 3633775.90 | 161.24630 | (20022403) | 504171.98 | 3633775.90 | 162.47211 | (21013021) |
| 504221.98 | 3633775.90 | 138.37694 | (20073020) | 504271.98 | 3633775.90 | 127.53774 | (21010102) |
| 504321.98 | 3633775.90 | 112.33966 | (20080120) | 504371.98 | 3633775.90 | 100.75776 | (21011520) |
| 504421.98 | 3633775.90 | 92.58767 | (19122301) | 504471.98 | 3633775.90 | 84.24230 | (21022502) |
| 504521.98 | 3633775.90 | 81.81409 | (19120104) | 504571.98 | 3633775.90 | 95.08978 | (20081805) |
| 504621.98 | 3633775.90 | 90.93430 | (20081803) | 504671.98 | 3633775.90 | 81.62881 | (20111118) |
| 504721.98 | 3633775.90 | 75.18779 | (21011418) | 502721.98 | 3633825.90 | 23.59873 | (21012320) |
| 502771.98 | 3633825.90 | 22.82287 | (21012320) | 502821.98 | 3633825.90 | 21.63999 | (21012320) |
| 502871.98 | 3633825.90 | 20.04098 | (21012320) | 502921.98 | 3633825.90 | 18.12149 | (21012320) |

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        502971.98   3633825.90       21.06618  (21111004)               503021.98
3633825.90       24.11327  (21111004)
        503071.98   3633825.90       26.93196  (21111004)               503121.98
3633825.90       29.20162  (21111004)
        503171.98   3633825.90       30.56706  (21111004)               503221.98
3633825.90       30.65092  (21111004)
        503271.98   3633825.90       29.19228  (21111004)               503771.98
3633825.90      199.17955  (19081924)
        503821.98   3633825.90      193.23062  (19081924)               503871.98
3633825.90      211.16153  (21090401)
        503921.98   3633825.90      191.98716  (20082503)               503971.98
3633825.90      190.29375  (20082921)
        504021.98   3633825.90      195.26414  (20022622)               504071.98
3633825.90      185.59747  (19102905)
        504121.98   3633825.90      183.86744  (20032321)               504171.98
3633825.90      174.43650  (21120723)
        504221.98   3633825.90      160.65284  (21011323)               504271.98
3633825.90      148.39015  (20011902)
        504321.98   3633825.90      134.97793  (21011520)               504371.98
3633825.90      118.51841  (19122301)
        504421.98   3633825.90      106.66674  (20080623)               504471.98
3633825.90      102.22472  (20081805)
        504521.98   3633825.90      110.02192  (20081805)               504571.98
3633825.90      109.32840  (20081803)
        504621.98   3633825.90       94.76228  (20111118)               504671.98
3633825.90       91.27271  (21011418)
        504721.98   3633825.90       83.92338  (21011418)               502721.98
3633875.90       27.42059  (21012320)
        502771.98   3633875.90       27.75030  (21012320)               502821.98
3633875.90       27.62334  (21012320)
        502871.98   3633875.90       26.97347  (21012320)               502921.98
3633875.90       25.87964  (21012320)
        502971.98   3633875.90       24.10455  (21012320)               503021.98
3633875.90       21.79676  (21012320)
        503071.98   3633875.90       24.86368  (21111004)               503121.98
3633875.90       28.58733  (21111004)
        503171.98   3633875.90       31.94588  (21111004)               503221.98
3633875.90       34.44473  (21111004)
        503271.98   3633875.90       35.54156  (21111004)               503821.98
3633875.90      248.68848  (19081924)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 595
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
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INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 238.18689 | (21090401) | 503921.98 | 3633875.90 | 242.63351 | (20082503) |
| 503971.98 | 3633875.90 | 250.75445 | (21082504) | 504021.98 | 3633875.90 | 222.91852 | (21013120) |
| 504071.98 | 3633875.90 | 210.40569 | (19121107) | 504121.98 | 3633875.90 | 230.62064 | (20032321) |
| 504171.98 | 3633875.90 | 192.99737 | (19033021) | 504221.98 | 3633875.90 | 178.39136 | (21010102) |
| 504271.98 | 3633875.90 | 163.72638 | (21021820) | 504321.98 | 3633875.90 | 143.23694 | (21010522) |
| 504371.98 | 3633875.90 | 127.27120 | (20080623) | 504421.98 | 3633875.90 | 127.69625 | (20081805) |
| 504471.98 | 3633875.90 | 129.74141 | (20081805) | 504521.98 | 3633875.90 | 125.71300 | (20081803) |
| 504571.98 | 3633875.90 | 111.87450 | (20081603) | 504621.98 | 3633875.90 | 107.21052 | (21011418) |
| 504671.98 | 3633875.90 | 85.29417 | (21011418) | 504721.98 | 3633875.90 | 75.52538 | (20081722) |
| 502721.98 | 3633925.90 | 28.67090 | (21012320) | 502771.98 | 3633925.90 | 30.21907 | (21012320) |
| 502821.98 | 3633925.90 | 31.47868 | (21012320) | 502871.98 | 3633925.90 | 32.35915 | (21012320) |
| 502921.98 | 3633925.90 | 32.73613 | (21012320) | 502971.98 | 3633925.90 | 32.34297 | (21012320) |
| 503021.98 | 3633925.90 | 31.25134 | (21012320) | 503071.98 | 3633925.90 | 29.37589 | (21012320) |
| 503121.98 | 3633925.90 | 26.67712 | (21012320) | 503171.98 | 3633925.90 | 29.84573 | (21111004) |
| 503221.98 | 3633925.90 | 34.50002 | (21111004) | 503271.98 | 3633925.90 | 38.51218 | (21111004) |
| 503821.98 | 3633925.90 | 277.14519 | (19081924) | 503871.98 | 3633925.90 | 277.13747 | (21090401) |
| 503921.98 | 3633925.90 | 328.18523 | (20082503) | 503971.98 | 3633925.90 | 262.60095 | (21082504) |
| 504021.98 | 3633925.90 | 248.44797 | (21013120) | 504071.98 | | | |

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3633925.90      268.49935  (20032321)
        504121.98   3633925.90      254.86244  (19033021)                504171.98
3633925.90      211.96162  (21060903)
        504221.98   3633925.90      196.88547  (19022705)                504271.98
3633925.90      178.22017  (21010522)
        504321.98   3633925.90      156.50223  (19022722)                504371.98
3633925.90      170.03073  (20081805)
        504421.98   3633925.90      166.60307  (20081803)                504471.98
3633925.90      142.68480  (20081803)
        504521.98   3633925.90      131.11485  (20081603)                504571.98
3633925.90      113.34914  (21011418)
        504621.98   3633925.90       91.12023  (20081722)                504671.98
3633925.90       81.77767  (21011724)
        504721.98   3633925.90       76.62461  (20080422)                502721.98
3633975.90       26.84916  (21012320)
        502771.98   3633975.90       29.33952  (21012320)                502821.98
3633975.90       31.79313  (21012320)
        502871.98   3633975.90       34.24231  (21012320)                502921.98
3633975.90       36.38236  (21012320)
        502971.98   3633975.90       37.97047  (21012320)                503021.98
3633975.90       39.00156  (21012320)
        503071.98   3633975.90       39.20608  (21012320)                503121.98
3633975.90       38.41137  (21012320)
        503171.98   3633975.90       36.45956  (21012320)                503221.98
3633975.90       33.32308  (21012320)
        503271.98   3633975.90       36.62797  (21111004)                503821.98
3633975.90      263.81013  (19081924)
        503871.98   3633975.90      261.50882  (21090401)                503921.98
3633975.90      175.61778  (21020203)
        503971.98   3633975.90      241.36414  (21082504)                504021.98
3633975.90      261.62893  (21011302)
        504071.98   3633975.90      336.22855  (20032321)                504121.98
3633975.90      281.95019  (19033021)
        504171.98   3633975.90      227.91558  (20011902)                504221.98
3633975.90      213.38703  (21011520)
        504271.98   3633975.90      195.76653  (21060824)                504321.98
3633975.90      224.60948  (20081805)
        504371.98   3633975.90      202.16068  (20081803)                504421.98
3633975.90      171.86076  (20081603)
        504471.98   3633975.90      143.79703  (21011418)                504521.98
3633975.90      112.53663  (21011418)
        504571.98   3633975.90       95.15676  (21011724)                504621.98
3633975.90       88.66344  (20080422)
        504671.98   3633975.90       80.99225  (20072623)                504721.98
3633975.90       73.43058  (20072623)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER  ***
INCLUDING SOURCE(S):  L0000928  , L0000929 , L0000930  , L0000931  , L0000932  ,
L0000933  , L0000934  , L0000935  , L0000936  , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 22.46067 | (21012320) | 502771.98 | 3634025.90 | 25.37709 | (21012320) |
| 502821.98 | 3634025.90 | 28.46406 | (21012320) | 502871.98 | 3634025.90 | 31.77093 | (21012320) |
| 502921.98 | 3634025.90 | 35.17763 | (21012320) | 502971.98 | 3634025.90 | 38.62352 | (21012320) |
| 503021.98 | 3634025.90 | 41.96117 | (21012320) | 503071.98 | 3634025.90 | 44.77483 | (21012320) |
| 503121.98 | 3634025.90 | 46.97826 | (21012320) | 503171.98 | 3634025.90 | 48.20441 | (21012320) |
| 503221.98 | 3634025.90 | 48.07926 | (21012320) | 503271.98 | 3634025.90 | 46.31668 | (21012320) |
| 503871.98 | 3634025.90 | 192.02013 | (19110606) | 503921.98 | 3634025.90 | 217.01024 | (21020203) |
| 503971.98 | 3634025.90 | 256.61127 | (20022622) | 504021.98 | 3634025.90 | 285.56101 | (21022105) |
| 504071.98 | 3634025.90 | 298.69117 | (19033021) | 504121.98 | 3634025.90 | 265.99882 | (21010102) |
| 504171.98 | 3634025.90 | 257.39475 | (21011520) | 504221.98 | 3634025.90 | 251.48203 | (21060824) |
| 504271.98 | 3634025.90 | 280.02152 | (20081805) | 504321.98 | 3634025.90 | 251.38163 | (20081803) |
| 504371.98 | 3634025.90 | 210.50733 | (20081603) | 504421.98 | 3634025.90 | 153.46446 | (21011418) |
| 504471.98 | 3634025.90 | 118.03351 | (20081722) | 504521.98 | 3634025.90 | 105.82860 | (20080422) |
| 504571.98 | 3634025.90 | 96.73009 | (20072623) | 504621.98 | 3634025.90 | 84.98116 | (20072623) |
| 504671.98 | 3634025.90 | 81.66561 | (20081804) | 504721.98 | 3634025.90 | 78.20322 | (20081804) |

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        502721.98   3634075.90       22.60533  (19083104)                502771.98
3634075.90       23.08651  (19083104)
        502821.98   3634075.90       23.51349  (19083104)                502871.98
3634075.90       25.67596  (21012320)
        502921.98   3634075.90       29.51626  (21012320)                502971.98
3634075.90       33.75027  (21012320)
        503021.98   3634075.90       38.42646  (21012320)                503071.98
3634075.90       43.29733  (21012320)
        503121.98   3634075.90       48.22874  (21012320)                503171.98
3634075.90       52.98136  (21012320)
        503221.98   3634075.90       57.10244  (21012320)                503271.98
3634075.90       60.14976  (21012320)
        503871.98   3634075.90      231.09425  (19110606)                503921.98
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        504071.98   3634075.90      327.07910  (19033021)                504121.98
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        504171.98   3634075.90      304.82829  (21060824)                504221.98
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        504271.98   3634075.90      306.03909  (20081803)                504321.98
3634075.90      258.84057  (20081603)
        504371.98   3634075.90      157.15014  (21011418)                504421.98
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        504471.98   3634075.90      118.74632  (20072623)                504521.98
3634075.90      102.94824  (20090223)
        504571.98   3634075.90       99.68805  (20081804)                504621.98
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        504671.98   3634075.90       79.68424  (19121305)                504721.98
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        502721.98   3634125.90       24.99936  (19083104)                502771.98
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        502821.98   3634125.90       27.36359  (19083104)                502871.98
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        502921.98   3634125.90       29.76762  (19083104)                502971.98
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        503021.98   3634125.90       31.90609  (19083104)                503071.98
3634125.90       34.99083  (21012320)
        503121.98   3634125.90       41.00838  (21012320)                503171.98
3634125.90       47.74746  (21012320)
        503221.98   3634125.90       54.88301  (21012320)                503271.98
3634125.90       62.50784  (21012320)
        503921.98   3634125.90      368.27217  (21020203)                503971.98
3634125.90      381.37539  (20101422)
        504021.98   3634125.90      331.08443  (20050805)                504071.98
3634125.90      325.32935  (21022702)
        504121.98   3634125.90      266.23899  (21022802)                504171.98
3634125.90      411.65144  (20081805)
        504221.98   3634125.90      369.70939  (20081603)                504271.98
3634125.90      302.75239  (20081603)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 215.44765 | (20080721) | 504371.98 | 3634125.90 | 171.76451 | (21040622) |
| 504421.98 | 3634125.90 | 139.75719 | (20081804) | 504471.98 | 3634125.90 | 126.41297 | (20081804) |
| 504521.98 | 3634125.90 | 107.85966 | (20081804) | 504571.98 | 3634125.90 | 90.45710 | (20082223) |
| 504621.98 | 3634125.90 | 83.43102 | (19012803) | 504671.98 | 3634125.90 | 78.04804 | (21121821) |
| 504721.98 | 3634125.90 | 73.32959 | (20121224) | 502721.98 | 3634175.90 | 24.52237 | (19083104) |
| 502771.98 | 3634175.90 | 26.19255 | (19083104) | 502821.98 | 3634175.90 | 28.01236 | (19083104) |
| 502871.98 | 3634175.90 | 29.96773 | (19083104) | 502921.98 | 3634175.90 | 31.99530 | (19083104) |
| 502971.98 | 3634175.90 | 34.16110 | (19083104) | 503021.98 | 3634175.90 | 36.48363 | (19083104) |
| 503071.98 | 3634175.90 | 38.83738 | (19083104) | 503121.98 | 3634175.90 | 41.25462 | (19083104) |
| 503171.98 | 3634175.90 | 43.64717 | (19083104) | 503221.98 | 3634175.90 | 45.90219 | (19083104) |
| 503271.98 | 3634175.90 | 50.76064 | (21012320) | 503971.98 | 3634175.90 | 573.40514 | (21022105) |
| 504021.98 | 3634175.90 | 491.49554 | (21120804) | 504071.98 | 3634175.90 | 367.07954 | (21022802) |
| 504121.98 | 3634175.90 | 288.16529 | (20121123) | 504171.98 | | | |

3634175.90 237.63599 (21022620)
504221.98 3634175.90 267.71489 (20081603) 504271.98
3634175.90 258.73598 (21040622)
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504421.98 3634175.90 122.57450 (20082223) 504471.98
3634175.90 104.20045 (19012803)
504521.98 3634175.90 96.16276 (20121224) 504571.98
3634175.90 89.62342 (20020703)
504621.98 3634175.90 82.77491 (20020703) 504671.98
3634175.90 76.70778 (21122121)
504721.98 3634175.90 74.70553 (21122121) 502721.98
3634225.90 21.39775 (19083104)
502771.98 3634225.90 23.17242 (19083104) 502821.98
3634225.90 25.14128 (19083104)
502871.98 3634225.90 27.30520 (19083104) 502921.98
3634225.90 29.66110 (19083104)
502971.98 3634225.90 32.31009 (19083104) 503021.98
3634225.90 35.30245 (19083104)
503071.98 3634225.90 38.58285 (19083104) 503121.98
3634225.90 42.22774 (19083104)
503171.98 3634225.90 46.24125 (19083104) 503221.98
3634225.90 50.68285 (19083104)
503271.98 3634225.90 55.62529 (19083104) 504071.98
3634225.90 411.35273 (20121123)
504121.98 3634225.90 316.66465 (20011623) 504171.98
3634225.90 255.48281 (21022221)
504221.98 3634225.90 215.94789 (21020122) 504271.98
3634225.90 254.21264 (20081502)
504321.98 3634225.90 244.63667 (20090623) 504371.98
3634225.90 145.76509 (20090623)
504421.98 3634225.90 111.02526 (20020703) 504471.98
3634225.90 103.47558 (21122121)
504521.98 3634225.90 96.64930 (21122121) 504571.98
3634225.90 91.14889 (20121803)
504621.98 3634225.90 84.85106 (21122201) 504671.98
3634225.90 79.17473 (21122201)
504721.98 3634225.90 73.87467 (19021906) 502721.98
3634275.90 20.55998 (21021102)
502771.98 3634275.90 21.64247 (21021102) 502821.98
3634275.90 22.86099 (21021102)
502871.98 3634275.90 24.22741 (21021102) 502921.98
3634275.90 25.59406 (21021102)
502971.98 3634275.90 27.11660 (21021102) 503021.98
3634275.90 28.89657 (21021102)
503071.98 3634275.90 31.91684 (19083104) 503121.98
3634275.90 35.51810 (19083104)
503171.98 3634275.90 39.71138 (19083104) 503221.98
3634275.90 44.58932 (19083104)
503271.98 3634275.90 50.38835 (19083104) 504121.98

3634275.90      327.36726  (21010422)
        504171.98   3634275.90      263.11632  (21022220)                504221.98
3634275.90      290.38469  (20080102)
        504271.98   3634275.90      260.60631  (20081301)                504321.98
3634275.90      233.67980  (20081301)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        504371.98   3634275.90      155.19439  (20073024)                504421.98
3634275.90      121.04198  (20082805)
        504471.98   3634275.90      103.12205  (20013123)                504521.98
3634275.90       96.29765  (20013123)
        504571.98   3634275.90       90.09128  (20013123)                504621.98
3634275.90       83.23255  (20013123)
        504671.98   3634275.90       76.29123  (20013123)                504721.98
3634275.90       71.08933  (21013019)
        502721.98   3634325.90       27.25330  (21021102)                502771.98
3634325.90       28.96312  (21021102)
        502821.98   3634325.90       30.80973  (21021102)                502871.98
3634325.90       33.25274  (21021102)
        502971.98   3634325.90       37.92923  (21021102)                503021.98
3634325.90       40.84044  (21021102)
        503071.98   3634325.90       44.10677  (21021102)                503121.98
3634325.90       47.77045  (21021102)
        503171.98   3634325.90       51.99110  (21021102)                503221.98
3634325.90       56.86834  (21021102)
        503271.98   3634325.90       62.61104  (21021102)                504171.98
3634325.90      258.47560  (21010219)

504221.98 3634325.90 340.69314 (20082306) 504271.98
3634325.90 302.89129 (20082306)
504321.98 3634325.90 280.21945 (20082306) 504371.98
3634325.90 227.30554 (20082306)
504421.98 3634325.90 160.70027 (20082306) 504471.98
3634325.90 126.43565 (20082306)
504521.98 3634325.90 97.56331 (20082306) 504571.98
3634325.90 90.45690 (21021007)
504621.98 3634325.90 84.77360 (21021007) 504671.98
3634325.90 79.61730 (21021007)
504721.98 3634325.90 74.94622 (21021007) 502721.98
3634375.90 31.19587 (21021102)
502771.98 3634375.90 33.16412 (21021102) 502821.98
3634375.90 35.22217 (21021102)
503021.98 3634375.90 46.44131 (21021102) 503071.98
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3634375.90 58.70717 (21021102)
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3634375.90 244.20782 (20082306)
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3634375.90 76.87385 (20011720)
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3634425.90 187.11972 (20082303)
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3634425.90 145.89237 (20081806)
504471.98 3634425.90 107.81790 (20081806) 504521.98
3634425.90 87.21132 (20081806)
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3634425.90 77.73019 (20041201)
504671.98 3634425.90 73.07221 (20041201) 504721.98
3634425.90 68.52689 (20041201)
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3634475.90 27.28878 (21021102)
502821.98 3634475.90 28.18529 (21021102) 504321.98
3634475.90 105.79884 (21020220)
504371.98 3634475.90 196.64831 (20082303) 504421.98
3634475.90 174.55975 (20081401)

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3634525.90      132.12827  (20081401)
        504571.98   3634525.90      109.38950  (20081401)                504621.98
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        504671.98   3634525.90       79.44728  (19022319)                504721.98
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        502721.98   3634575.90       27.19751  (19050903)                502771.98
3634575.90       29.25549  (19050903)
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3634575.90       39.97421  (20082303)
        504521.98   3634575.90       44.56800  (20082303)                504571.98
3634575.90      102.27517  (19042006)
        504621.98   3634575.90       97.15114  (19042006)                504671.98
3634575.90       84.56950  (20082303)
        504721.98   3634575.90       76.15288  (20082303)                502721.98

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3634625.90       27.82767  (19050903)
        502771.98   3634625.90       29.04914  (19050903)                502821.98
3634625.90       30.17469  (19050903)
        502871.98   3634625.90       31.05479  (19050903)                502921.98
3634625.90       31.65248  (19050903)
        502971.98   3634625.90       31.92037  (19050903)                503021.98
3634625.90       31.76690  (19050903)
        503071.98   3634625.90       31.10839  (19050903)                503121.98
3634625.90       32.25120  (20021724)
        504471.98   3634625.90       40.31875  (21071520)                504521.98
3634625.90       30.47416  (21071520)
        504571.98   3634625.90       27.06980  (20082303)                504621.98
3634625.90       77.65263  (21122106)
        504671.98   3634625.90       74.45586  (21122106)                504721.98
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        502721.98   3634675.90       25.11638  (19050903)                502771.98
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        502821.98   3634675.90       25.28176  (19050903)                502871.98
3634675.90       24.92591  (19050903)
        502921.98   3634675.90       24.23045  (19050903)                502971.98
3634675.90       24.16215  (20021724)
        503021.98   3634675.90       29.22717  (20021724)                503071.98
3634675.90       34.86215  (20021724)
        503121.98   3634675.90       40.93778  (20021724)                503171.98
3634675.90       50.65742  (21011719)
        503221.98   3634675.90       65.39039  (21011719)                503271.98
3634675.90       78.01071  (21011719)
        503321.98   3634675.90       84.56560  (21011719)                503371.98
3634675.90       81.01612  (21011719)
        503421.98   3634675.90       93.25750  (20022207)                503471.98
3634675.90      103.55182  (20022207)
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3634675.90       38.42645  (21071520)
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3634675.90       23.44502  (21071520)
        504671.98   3634675.90       19.09306  (20082303)                504721.98
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        502821.98   3634725.90       19.44725  (19120120)                502871.98
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        503021.98   3634725.90       35.59036  (20021724)                503071.98
3634725.90       43.75253  (21011719)
        503121.98   3634725.90       55.23255  (21011719)                503171.98
3634725.90       65.12638  (21011719)
        503221.98   3634725.90       70.58543  (21011719)                503271.98
3634725.90       68.90128  (21011719)
        503321.98   3634725.90       71.68267  (20022207)                503371.98
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        503521.98   3634725.90       87.65615  (20040823)                503571.98
3634725.90      101.30458  (20040823)
        503621.98   3634725.90      111.83813  (21121424)                504571.98
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        504621.98   3634725.90       29.66913  (21071520)                504671.98
3634725.90       23.76010  (21071520)
        504721.98   3634725.90       18.60557  (21071520)                502721.98
3634775.90       17.66865  (19120120)
        502771.98   3634775.90       20.72778  (20021724)                502821.98
3634775.90       24.13518  (20021724)
        502871.98   3634775.90       27.72749  (20021724)                502921.98
3634775.90       31.31811  (20021724)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929 , L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937 ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503471.98 3634775.90 75.47908 (20040823) 503521.98
3634775.90 86.03025 (20040823)
503571.98 3634775.90 95.10916 (21121424) 503621.98
3634775.90 97.81890 (19121706)
503671.98 3634775.90 100.20352 (19121706) 503721.98
3634775.90 87.26937 (19020322)
503771.98 3634775.90 95.11773 (20120224) 503821.98
3634775.90 125.34345 (20120224)
504621.98 3634775.90 33.41576 (21071520) 504671.98
3634775.90 28.47076 (21071520)
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3634825.90 41.33701 (21011719)
502971.98 3634825.90 47.75815 (21011719) 503021.98
3634825.90 51.73716 (21011719)
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3634825.90 47.65115 (21011719)
503171.98 3634825.90 53.83106 (20022207) 503221.98
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3634825.90 66.52349 (21012023)
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3634825.90 81.28429 (21121424)
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3634825.90 89.33050 (19121706)
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503871.98 3634825.90 120.03275 (21021806) 503921.98
3634825.90 134.87312 (21012024)
504671.98 3634825.90 30.81177 (21071520) 504721.98
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3634875.90 45.79577 (21011719)
503021.98 3634875.90 42.92749 (21011719) 503071.98
3634875.90 43.87040 (20022207)
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3634875.90 55.22962 (20022207)
503221.98 3634875.90 55.54506 (20022207) 503271.98
3634875.90 59.51234 (21012023)

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        503321.98   3634875.90       59.40171  (21012023)               503371.98
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3634875.90       65.80294  (19020322)
        503721.98   3634875.90       61.26674  (19020322)               503771.98
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        502821.98   3634925.90       39.92405  (21011719)               502871.98
3634925.90       40.71739  (21011719)
        502921.98   3634925.90       38.83023  (21011719)               502971.98
3634925.90       36.01875  (20022207)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 601
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503021.98   3634925.90       42.46308  (20022207)               503071.98
3634925.90       47.43817  (20022207)
        503121.98   3634925.90       49.73733  (20022207)               503171.98
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        503221.98   3634925.90       53.32090  (21012023)               503271.98
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        503421.98   3634925.90       61.36182  (21121424)                503471.98
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        503521.98   3634925.90       66.82272  (19121706)                503571.98
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        503021.98   3634975.90       43.74759  (20022207)                503071.98
3634975.90       44.48733  (20022207)
        503121.98   3634975.90       45.64539  (21012023)                503171.98
3634975.90       47.84376  (21012023)
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        502921.98   3635025.90       38.22154  (20022207)                502971.98
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        503021.98   3635025.90       39.69806  (20022207)                503071.98
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        503121.98   3635025.90       43.19352  (21012023)                503171.98
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        503321.98   3635025.90       47.97843  (21121424)                503371.98
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        502721.98   3635075.90       25.37101  (20022207)                502771.98
3635075.90       29.60705  (20022207)
        502821.98   3635075.90       33.25810  (20022207)                502871.98
3635075.90       35.77125  (20022207)
        502921.98   3635075.90       36.60146  (20022207)                502971.98
3635075.90       35.86726  (21012023)
        503021.98   3635075.90       38.77969  (21012023)                503071.98
3635075.90       39.06701  (21012023)
        503121.98   3635075.90       36.29371  (21012023)                503171.98
3635075.90       38.60997  (20040823)
        503221.98   3635075.90       42.23200  (20040823)                503271.98
3635075.90       42.85755  (21121424)
        503321.98   3635075.90       46.97465  (21121424)                503371.98
3635075.90       45.00859  (21121424)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929 , L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937 ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503421.98 3635075.90 49.56180 (19121706) 503471.98
3635075.90 49.97568 (19121706)
503521.98 3635075.90 41.77676 (19121706) 503571.98
3635075.90 42.75548 (19020322)
503621.98 3635075.90 41.34392 (19020322) 503671.98
3635075.90 46.77483 (20120224)
503721.98 3635075.90 115.77098 (20101023) 503771.98
3635075.90 142.17403 (19031924)
503821.98 3635075.90 107.77749 (21081004) 504371.98
3635075.90 22.69010 (20040223)
504421.98 3635075.90 29.44425 (20011620) 504471.98
3635075.90 37.19425 (20011620)
504521.98 3635075.90 41.12549 (20011620) 502721.98
3635125.90 28.91653 (20022207)
502771.98 3635125.90 31.67685 (20022207) 502821.98
3635125.90 33.25410 (20022207)
502871.98 3635125.90 33.27373 (20022207) 502921.98
3635125.90 33.75110 (21012023)
502971.98 3635125.90 35.76583 (21012023) 503021.98
3635125.90 35.45150 (21012023)
503071.98 3635125.90 32.56756 (21012023) 503121.98
3635125.90 35.40574 (20040823)
503171.98 3635125.90 38.57975 (20040823) 503221.98
3635125.90 38.56394 (20040823)
503271.98 3635125.90 42.69648 (21121424) 503321.98
3635125.90 41.96114 (21121424)
503371.98 3635125.90 43.76459 (19121706) 503421.98
3635125.90 46.46170 (19121706)
503471.98 3635125.90 41.84660 (19121706) 503521.98
3635125.90 37.53844 (19020322)
503571.98 3635125.90 39.16281 (19020322) 503621.98
3635125.90 35.30423 (19020322)
503671.98 3635125.90 91.65650 (20101023) 503721.98
3635125.90 118.08090 (21061224)
503771.98 3635125.90 120.42746 (20090823) 503821.98
3635125.90 97.55031 (21081004)
504371.98 3635125.90 17.11224 (20040223) 504421.98
3635125.90 22.44760 (20040223)
504471.98 3635125.90 29.03444 (20011620) 504521.98
3635125.90 35.16977 (20011620)
504571.98 3635125.90 37.80921 (20011620) 502721.98
3635175.90 29.95471 (20022207)
502771.98 3635175.90 30.77223 (20022207) 502821.98
3635175.90 30.17551 (20022207)
502871.98 3635175.90 31.69337 (21012023) 502921.98
3635175.90 33.01538 (21012023)
502971.98 3635175.90 32.27003 (21012023) 503021.98
3635175.90 29.36677 (21012023)
503071.98 3635175.90 32.62935 (20040823) 503121.98
3635175.90 35.43421 (20040823)

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        503171.98   3635175.90       35.56283  (20040823)                503221.98
3635175.90       38.93160  (21121424)
        503271.98   3635175.90       39.07962  (21121424)                503321.98
3635175.90       38.50928  (19121706)
        503371.98   3635175.90       42.59274  (19121706)                503421.98
3635175.90       40.77168  (19121706)
        503471.98   3635175.90       33.14661  (19121706)                503521.98
3635175.90       35.89526  (19020322)
        503571.98   3635175.90       34.96216  (19020322)                503621.98
3635175.90       35.70566  (20120224)
        503671.98   3635175.90       99.03803  (20101023)                503721.98
3635175.90      108.08709  (19031924)
        503771.98   3635175.90       91.15966  (20090823)                503821.98
3635175.90       90.62482  (19051001)
        504371.98   3635175.90       20.00783  (21013118)                504421.98
3635175.90       17.54402  (20040223)
        504471.98   3635175.90       21.94892  (20040223)                504521.98
3635175.90       28.35071  (20011620)
        504571.98   3635175.90       33.13027  (20011620)                504621.98
3635175.90       34.83271  (20011620)
        502721.98   3635225.90       28.38753  (20022207)                502771.98
3635225.90       27.51760  (21012023)
        502821.98   3635225.90       29.75955  (21012023)                502871.98
3635225.90       30.50795  (21012023)
        502921.98   3635225.90       29.45648  (21012023)                502971.98
3635225.90       26.59867  (21012023)
        503021.98   3635225.90       30.20649  (20040823)                503071.98
3635225.90       32.70213  (20040823)
        503121.98   3635225.90       32.92532  (20040823)                503171.98
3635225.90       35.62408  (21121424)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 603
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 36.38655 | (21121424) | 503271.98 | 3635225.90 | 33.84667 | (19121706) |
| 503321.98 | 3635225.90 | 38.70880 | (19121706) | 503371.98 | 3635225.90 | 38.91059 | (19121706) |
| 503421.98 | 3635225.90 | 33.86782 | (19121706) | 503471.98 | 3635225.90 | 32.01557 | (19020322) |
| 503521.98 | 3635225.90 | 33.34211 | (19020322) | 503571.98 | 3635225.90 | 32.81920 | (19020322) |
| 503621.98 | 3635225.90 | 88.38168 | (19071201) | 503671.98 | 3635225.90 | 102.69981 | (20101023) |
| 504371.98 | 3635225.90 | 23.28163 | (21013118) | 504421.98 | 3635225.90 | 13.65408 | (21013118) |
| 504471.98 | 3635225.90 | 17.69236 | (20040223) | 504521.98 | 3635225.90 | 21.76876 | (20011620) |
| 504571.98 | 3635225.90 | 27.46750 | (20011620) | 504621.98 | 3635225.90 | 31.18073 | (20011620) |
| 502721.98 | 3635275.90 | 26.22925 | (21012023) | 502771.98 | 3635275.90 | 27.90691 | (21012023) |
| 502821.98 | 3635275.90 | 28.21984 | (21012023) | 502871.98 | 3635275.90 | 26.96560 | (21012023) |
| 502921.98 | 3635275.90 | 24.47445 | (20040823) | 502971.98 | 3635275.90 | 28.05891 | (20040823) |
| 503021.98 | 3635275.90 | 30.28117 | (20040823) | 503071.98 | 3635275.90 | 30.56218 | (20040823) |
| 503121.98 | 3635275.90 | 32.66043 | (21121424) | 503171.98 | 3635275.90 | 33.84890 | (21121424) |
| 503221.98 | 3635275.90 | 31.73953 | (21121424) | 503271.98 | 3635275.90 | 34.93149 | (19121706) |
| 503321.98 | 3635275.90 | 36.57456 | (19121706) | 503371.98 | 3635275.90 | 33.65879 | (19121706) |
| 503421.98 | 3635275.90 | 27.98131 | (19020322) | 503471.98 | 3635275.90 | 30.78503 | (19020322) |
| 503521.98 | 3635275.90 | 30.31629 | (19020322) | 503571.98 | 3635275.90 | 26.36558 | (19020322) |
| 503621.98 | 3635275.90 | 78.55452 | (20101023) | 504371.98 | 3635275.90 | 26.00718 | (21013118) |
| 504421.98 | 3635275.90 | 16.44173 | (21013118) | 504471.98 | 3635275.90 | 13.86841 | (20040223) |
| 504521.98 | 3635275.90 | 17.58143 | (20040223) | 504571.98 | 3635275.90 | 21.72535 | (20011620) |
| 504621.98 | 3635275.90 | 26.47845 | (20011620) | 504671.98 | 3635275.90 | 29.32459 | (20011620) |
| 502721.98 | 3635325.90 | 26.18365 | (21012023) | 502771.98 | 3635325.90 | 26.15456 | (21012023) |
| 502821.98 | 3635325.90 | 24.75532 | (21012023) | 502871.98 | | | |

3635325.90       22.97468  (20040823)
        502921.98   3635325.90       26.16020  (20040823)                502971.98
3635325.90       28.17682  (20040823)
        503021.98   3635325.90       28.49525  (20040823)                503071.98
3635325.90       30.05344  (21121424)
        503121.98   3635325.90       31.53022  (21121424)                503171.98
3635325.90       30.16629  (21121424)
        503221.98   3635325.90       31.39119  (19121706)                503271.98
3635325.90       33.99641  (19121706)
        503321.98   3635325.90       32.78567  (19121706)                503371.98
3635325.90       27.82794  (19121706)
        503421.98   3635325.90       27.71436  (19020322)                503471.98
3635325.90       28.85161  (19020322)
        503521.98   3635325.90       26.98194  (19020322)                503571.98
3635325.90       27.74159  (20120224)
        503621.98   3635325.90       68.29900  (20101023)                504371.98
3635325.90       28.08756  (21013118)
        504421.98   3635325.90       19.08655  (21013118)                504471.98
3635325.90       11.52861  (19031219)
        504521.98   3635325.90       14.16799  (20040223)                504571.98
3635325.90       17.30704  (20040223)
        504621.98   3635325.90       21.49124  (20011620)                504671.98
3635325.90       25.41406  (20011620)
        504721.98   3635325.90       27.56186  (20011620)                502721.98
3635375.90       24.27238  (21012023)
        502771.98   3635375.90       33.79275  (20122721)                502821.98
3635375.90       37.12555  (21110406)
        502871.98   3635375.90       38.89693  (20070801)                502921.98
3635375.90       37.46226  (20040823)
        502971.98   3635375.90       26.65010  (20040823)                503021.98
3635375.90       41.75965  (21121424)
        503071.98   3635375.90       47.25751  (21121424)                503121.98
3635375.90       28.62990  (21121424)
        503171.98   3635375.90       28.10435  (19121706)                503221.98
3635375.90       31.34677  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 31.44246 | (19121706) | 503321.98 | 3635375.90 | 28.10024 | (19121706) |
| 503371.98 | 3635375.90 | 24.53875 | (19020322) | 503421.98 | 3635375.90 | 26.75600 | (19020322) |
| 503471.98 | 3635375.90 | 26.49409 | (19020322) | 503521.98 | 3635375.90 | 23.64026 | (19020322) |
| 503571.98 | 3635375.90 | 28.99900 | (20120224) | 503621.98 | 3635375.90 | 36.29844 | (20120224) |
| 503671.98 | 3635375.90 | 73.13353 | (19031924) | 503721.98 | 3635375.90 | 86.92523 | (20090823) |
| 504371.98 | 3635375.90 | 29.45240 | (21013118) | 504421.98 | 3635375.90 | 21.40782 | (21013118) |
| 504471.98 | 3635375.90 | 13.75473 | (21013118) | 504521.98 | 3635375.90 | 11.16577 | (20040223) |
| 504571.98 | 3635375.90 | 14.28100 | (20040223) | 504621.98 | 3635375.90 | 16.88791 | (20040223) |
| 504671.98 | 3635375.90 | 21.10715 | (20011620) | 504721.98 | 3635375.90 | 24.33748 | (20011620) |
| 502721.98 | 3635425.90 | 28.79226 | (19022505) | 502771.98 | 3635425.90 | 36.50097 | (21110406) |
| 502821.98 | 3635425.90 | 39.42886 | (20070801) | 502871.98 | 3635425.90 | 37.33861 | (20070801) |
| 502921.98 | 3635425.90 | 44.41797 | (20070802) | 502971.98 | 3635425.90 | 45.08122 | (20070802) |
| 503021.98 | 3635425.90 | 45.69126 | (21121424) | 503071.98 | 3635425.90 | 50.12298 | (19091321) |
| 503121.98 | 3635425.90 | 25.14828 | (19121706) | 503171.98 | 3635425.90 | 28.70354 | (19121706) |
| 503221.98 | 3635425.90 | 29.77811 | (19121706) | 503271.98 | 3635425.90 | 27.78905 | (19121706) |
| 503321.98 | 3635425.90 | 23.16371 | (19121706) | 503371.98 | 3635425.90 | 24.28552 | (19020322) |
| 503421.98 | 3635425.90 | 25.23946 | (19020322) | 503471.98 | 3635425.90 | 23.86657 | (19020322) |
| 503521.98 | 3635425.90 | 21.50152 | (20120224) | 503571.98 | 3635425.90 | 29.66521 | (20120224) |
| 503621.98 | 3635425.90 | 35.14165 | (20120224) | 503671.98 | 3635425.90 | 70.96153 | (19031924) |
| 503721.98 | 3635425.90 | 77.25880 | (20090823) | 503771.98 | 3635425.90 | 82.74978 | (21081004) |

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        503821.98   3635425.90       81.16909  (19101219)                504371.98
3635425.90       30.09430  (21013118)
        504421.98   3635425.90       23.27645  (21013118)                504471.98
3635425.90       15.91768  (21013118)
        504521.98   3635425.90       10.12095  (19031219)                504571.98
3635425.90       11.51970  (20040223)
        504621.98   3635425.90       14.23079  (20040223)                504671.98
3635425.90       16.88126  (20011620)
        504721.98   3635425.90       20.62408  (20011620)                502721.98
3635475.90       32.59140  (20070801)
        502771.98   3635475.90       37.03964  (20070801)                502821.98
3635475.90       35.07939  (20070801)
        502871.98   3635475.90       41.93741  (20070802)                502921.98
3635475.90       42.65575  (20070802)
        502971.98   3635475.90       44.30170  (20111121)                503021.98
3635475.90       48.64358  (19091321)
        503071.98   3635475.90       44.34267  (19071423)                503121.98
3635475.90       26.19771  (19121706)
        503171.98   3635475.90       27.95653  (19121706)                503221.98
3635475.90       27.10101  (19121706)
        503271.98   3635475.90       23.67579  (19121706)                503321.98
3635475.90       21.72135  (19020322)
        503371.98   3635475.90       23.51740  (19020322)                503421.98
3635475.90       23.38578  (19020322)
        503471.98   3635475.90       21.21999  (19020322)                503521.98
3635475.90       22.87320  (20120224)
        503571.98   3635475.90       32.68036  (20120224)                503621.98
3635475.90       37.21548  (20120224)
        503671.98   3635475.90       58.60510  (19031924)                503721.98
3635475.90       57.19559  (20090823)
        503771.98   3635475.90       76.00511  (21081004)                503821.98
3635475.90       75.29421  (19101219)
        503871.98   3635475.90       67.36756  (19101219)                503921.98
3635475.90       71.98040  (20071102)
        504371.98   3635475.90       30.10932  (21013118)                504421.98
3635475.90       24.66377  (21013118)
        504471.98   3635475.90       17.88593  (21013118)                504521.98
3635475.90       11.65664  (21013118)
        504571.98   3635475.90        9.24729  (19031219)                504621.98
3635475.90       11.72731  (20040223)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 605
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
```

INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 14.07124 | (20040223) | 504721.98 | 3635475.90 | 29.73799 | (21121422) |
| 502221.98 | 3632975.90 | 6.33802 | (19010119) | 502271.98 | 3632975.90 | 6.31707 | (19010119) |
| 502321.98 | 3632975.90 | 6.20861 | (19010119) | 502371.98 | 3632975.90 | 6.01133 | (19010119) |
| 502421.98 | 3632975.90 | 5.72700 | (19010119) | 502471.98 | 3632975.90 | 5.36354 | (19010119) |
| 502521.98 | 3632975.90 | 4.93000 | (19010119) | 502571.98 | 3632975.90 | 6.21938 | (21030103) |
| 502621.98 | 3632975.90 | 8.01450 | (21030103) | 502671.98 | 3632975.90 | 10.00955 | (21030103) |
| 502721.98 | 3632975.90 | 12.06260 | (21030103) | 502771.98 | 3632975.90 | 13.96783 | (21030103) |
| 502821.98 | 3632975.90 | 32.03337 | (20122620) | 502871.98 | 3632975.90 | 38.01540 | (21030103) |
| 502921.98 | 3632975.90 | 37.48830 | (21030103) | 502971.98 | 3632975.90 | 31.12217 | (20092222) |
| 503021.98 | 3632975.90 | 32.81768 | (21041501) | 503071.98 | 3632975.90 | 39.03134 | (20121603) |
| 503121.98 | 3632975.90 | 38.06287 | (20121603) | 503171.98 | 3632975.90 | 47.39462 | (20092124) |
| 503221.98 | 3632975.90 | 54.91349 | (20092124) | 503271.98 | 3632975.90 | 48.72653 | (20092124) |
| 503321.98 | 3632975.90 | 40.24307 | (20102407) | 503371.98 | 3632975.90 | 44.11683 | (20111701) |
| 503421.98 | 3632975.90 | 51.53915 | (20111701) | 503471.98 | 3632975.90 | 45.77173 | (20111701) |
| 503621.98 | 3632975.90 | 51.24388 | (19110606) | 503671.98 | 3632975.90 | 50.52379 | (19082022) |
| 503721.98 | 3632975.90 | 46.65093 | (19101521) | 503771.98 | 3632975.90 | 38.42808 | (19091221) |
| 503821.98 | 3632975.90 | 46.06760 | (20050102) | 503871.98 | 3632975.90 | 47.76568 | (21020203) |
| 503921.98 | 3632975.90 | 43.89452 | (20032924) | 503971.98 | | | |

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3632975.90       46.67473  (20110207)
        504021.98   3632975.90       39.69428  (20110207)                504071.98
3632975.90       39.25662  (20082519)
        504121.98   3632975.90       46.08803  (19032124)                504171.98
3632975.90       45.32473  (20022622)
        504221.98   3632975.90       46.40773  (21011302)                504271.98
3632975.90       40.79215  (19102905)
        504321.98   3632975.90       45.10276  (21022205)                504371.98
3632975.90       46.40357  (20022403)
        504421.98   3632975.90       44.62709  (21011620)                504471.98
3632975.90       42.53345  (21013021)
        504521.98   3632975.90       40.45359  (20042404)                504571.98
3632975.90       41.88019  (21120723)
        504621.98   3632975.90       40.05927  (20101423)                504671.98
3632975.90       38.28821  (20112022)
        504721.98   3632975.90       39.42647  (21011323)                504771.98
3632975.90       38.04616  (21010102)
        504821.98   3632975.90       37.47461  (20011902)                504871.98
3632975.90       36.34525  (19022705)
        504921.98   3632975.90       36.17825  (21021820)                504971.98
3632975.90       34.47848  (21011520)
        505021.98   3632975.90       33.58275  (21011520)                505071.98
3632975.90       33.29660  (21010522)
        505121.98   3632975.90       32.35803  (19122301)                505171.98
3632975.90       31.32445  (20122923)
        505221.98   3632975.90       29.62599  (20100121)                502221.98
3633025.90        6.72106  (21111004)
        502271.98   3633025.90        6.67040  (19010119)                502321.98
3633025.90        6.67286  (19010119)
        502371.98   3633025.90        6.58573  (19010119)                502421.98
3633025.90        6.39779  (19010119)
        502471.98   3633025.90        6.10556  (19010119)                502521.98
3633025.90        5.72711  (19010119)
        502571.98   3633025.90        5.27247  (19010119)                502621.98
3633025.90        6.66885  (21030103)
        502671.98   3633025.90        8.62383  (21030103)                502721.98
3633025.90       10.78979  (21030103)
        502771.98   3633025.90       12.99739  (21030103)                502821.98
3633025.90       37.16888  (20122620)
        502871.98   3633025.90       39.64635  (20122620)                502921.98
3633025.90       40.54441  (21030103)
        502971.98   3633025.90       32.46307  (21030103)                503021.98
3633025.90       32.88106  (20092222)
        503071.98   3633025.90       44.19427  (20121603)                503121.98
3633025.90       43.17142  (20121603)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER  ***
INCLUDING SOURCE(S):  L0000928  , L0000929 , L0000930  , L0000931  , L0000932  ,
L0000933  , L0000934  , L0000935  , L0000936  , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 44.40120 | (20092124) | 503221.98 | 3633025.90 | 56.20699 | (20092124) |
| 503271.98 | 3633025.90 | 56.63507 | (20092124) | 503321.98 | 3633025.90 | 44.84330 | (20061222) |
| 503371.98 | 3633025.90 | 45.06006 | (20102407) | 503421.98 | 3633025.90 | 54.01204 | (20111701) |
| 503471.98 | 3633025.90 | 51.93680 | (20111701) | 503621.98 | 3633025.90 | 50.47464 | (21020924) |
| 503671.98 | 3633025.90 | 52.80341 | (19110606) | 503721.98 | 3633025.90 | 50.98255 | (19101521) |
| 503771.98 | 3633025.90 | 37.08132 | (19091221) | 503821.98 | 3633025.90 | 49.03561 | (20050102) |
| 503871.98 | 3633025.90 | 50.53726 | (21020203) | 503921.98 | 3633025.90 | 45.99772 | (20032924) |
| 503971.98 | 3633025.90 | 49.15965 | (20110207) | 504021.98 | 3633025.90 | 40.50354 | (20110207) |
| 504071.98 | 3633025.90 | 42.72820 | (20082519) | 504121.98 | 3633025.90 | 48.49236 | (19032124) |
| 504171.98 | 3633025.90 | 47.81164 | (21013120) | 504221.98 | 3633025.90 | 48.34309 | (21011302) |
| 504271.98 | 3633025.90 | 45.23474 | (19102905) | 504321.98 | 3633025.90 | 46.62593 | (21022205) |
| 504371.98 | 3633025.90 | 47.95297 | (20022403) | 504421.98 | 3633025.90 | 46.41642 | (21011620) |
| 504471.98 | 3633025.90 | 44.76422 | (21013021) | 504521.98 | 3633025.90 | 43.37954 | (20042404) |
| 504571.98 | 3633025.90 | 41.37288 | (20112701) | 504621.98 | 3633025.90 | 40.89021 | (20112022) |
| 504671.98 | 3633025.90 | 40.55760 | (21011323) | 504721.98 | 3633025.90 | 39.97536 | (21120804) |

504771.98 3633025.90 39.21305 (20011902) 504821.98 3633025.90 37.49880 (21022803)
504871.98 3633025.90 37.75499 (21021820) 504921.98 3633025.90 36.70000 (20121007)
504971.98 3633025.90 36.26713 (21011520) 505021.98 3633025.90 34.87063 (21010522)
505071.98 3633025.90 34.09807 (19122301) 505121.98 3633025.90 33.07688 (20122923)
505171.98 3633025.90 30.94151 (20100121) 505221.98 3633025.90 32.08557 (21022502)
502221.98 3633075.90 7.83545 (21111004) 502271.98 3633075.90 7.34910 (21111004)
502321.98 3633075.90 7.02442 (19010119) 502371.98 3633075.90 7.06447 (19010119)
502421.98 3633075.90 6.99817 (19010119) 502471.98 3633075.90 6.81184 (19010119)
502521.98 3633075.90 6.52253 (19010119) 502571.98 3633075.90 6.13264 (19010119)
502621.98 3633075.90 5.65073 (19010119) 502671.98 3633075.90 7.16410 (21030103)
502721.98 3633075.90 9.30093 (21030103) 502771.98 3633075.90 11.65933 (21030103)
502821.98 3633075.90 31.24724 (20122620) 502871.98 3633075.90 40.66953 (20122620)
502921.98 3633075.90 40.58052 (20122620) 502971.98 3633075.90 44.92285 (21030103)
503021.98 3633075.90 39.87671 (21030103) 503071.98 3633075.90 41.88990 (20121603)
503121.98 3633075.90 44.80595 (20121603) 503171.98 3633075.90 41.25073 (20121603)
503221.98 3633075.90 50.30471 (20092124) 503271.98 3633075.90 60.97411 (20092124)
503321.98 3633075.90 54.56988 (20092124) 503371.98 3633075.90 45.57270 (20102407)
503421.98 3633075.90 53.39381 (20111701) 503471.98 3633075.90 56.98397 (20111701)
503621.98 3633075.90 52.88433 (21020924) 503671.98 3633075.90 53.60647 (19110606)
503721.98 3633075.90 51.79045 (19101521) 503771.98 3633075.90 36.36194 (19091221)
503821.98 3633075.90 51.78033 (20050102) 503871.98 3633075.90 53.32170 (21020203)
503921.98 3633075.90 48.27645 (20032924) 503971.98 3633075.90 51.86151 (20110207)
504021.98 3633075.90 41.25890 (20110207) 504071.98 3633075.90 46.30874 (20082519)
504121.98 3633075.90 51.41337 (20022622) 504171.98 3633075.90 51.94186 (21013120)
504221.98 3633075.90 48.95701 (21011302) 504271.98 3633075.90 48.55396 (19102905)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 49.56697 | (19121107) | 504371.98 | 3633075.90 | 47.12637 | (21011620) |
| 504421.98 | 3633075.90 | 47.12710 | (20052501) | 504471.98 | 3633075.90 | 43.60362 | (21013021) |
| 504521.98 | 3633075.90 | 46.25779 | (21120723) | 504571.98 | 3633075.90 | 44.13430 | (20101423) |
| 504621.98 | 3633075.90 | 42.31683 | (21022020) | 504671.98 | 3633075.90 | 42.92970 | (21011323) |
| 504721.98 | 3633075.90 | 42.13516 | (21010102) | 504771.98 | 3633075.90 | 39.91895 | (20011902) |
| 504821.98 | 3633075.90 | 40.14120 | (19022705) | 504871.98 | 3633075.90 | 38.49714 | (20121007) |
| 504921.98 | 3633075.90 | 38.78205 | (21011520) | 504971.98 | 3633075.90 | 36.33162 | (21010522) |
| 505021.98 | 3633075.90 | 35.87646 | (19122301) | 505071.98 | 3633075.90 | 34.93309 | (20122923) |
| 505121.98 | 3633075.90 | 32.33948 | (20100121) | 505171.98 | 3633075.90 | 33.66650 | (21022502) |
| 505221.98 | 3633075.90 | 32.30516 | (21022502) | 502221.98 | 3633125.90 | 8.87842 | (21111004) |
| 502271.98 | 3633125.90 | 8.51632 | (21111004) | 502321.98 | 3633125.90 | 8.02272 | (21111004) |
| 502371.98 | 3633125.90 | 7.41465 | (21111004) | 502421.98 | 3633125.90 | 7.48134 | (19010119) |
| 502471.98 | 3633125.90 | 7.43867 | (19010119) | 502521.98 | | | |

3633125.90 7.27482 (19010119)
502571.98 3633125.90 6.98597 (19010119) 502621.98
3633125.90 6.57824 (19010119)
502671.98 3633125.90 6.06782 (19010119) 502721.98
3633125.90 7.71457 (21030103)
502771.98 3633125.90 10.05600 (21030103) 502821.98
3633125.90 12.62790 (21030103)
502871.98 3633125.90 35.40741 (20122620) 502921.98
3633125.90 40.84116 (20122620)
502971.98 3633125.90 41.23614 (20122620) 503021.98
3633125.90 42.50674 (21030103)
503071.98 3633125.90 47.98125 (21031822) 503121.98
3633125.90 48.20868 (21031822)
503171.98 3633125.90 43.62519 (20121603) 503221.98
3633125.90 43.35029 (20092124)
503271.98 3633125.90 59.58343 (20092124) 503321.98
3633125.90 62.32527 (20092124)
503371.98 3633125.90 48.19856 (20092124) 503421.98
3633125.90 53.77973 (20102407)
503471.98 3633125.90 60.29312 (20111701) 503621.98
3633125.90 54.25961 (21020924)
503671.98 3633125.90 52.86443 (19110606) 503721.98
3633125.90 52.18725 (19101521)
503771.98 3633125.90 39.12063 (19101521) 503821.98
3633125.90 54.35542 (20050102)
503871.98 3633125.90 56.06642 (21020203) 503921.98
3633125.90 50.75306 (20032924)
503971.98 3633125.90 54.78459 (20110207) 504021.98
3633125.90 41.93110 (20110207)
504071.98 3633125.90 49.91213 (20082519) 504121.98
3633125.90 55.28748 (20022622)
504171.98 3633125.90 55.25040 (21013120) 504221.98
3633125.90 47.98891 (21011302)
504271.98 3633125.90 51.86108 (21022205) 504321.98
3633125.90 53.79114 (20022403)
504371.98 3633125.90 52.10619 (21011620) 504421.98
3633125.90 50.09804 (21013021)
504471.98 3633125.90 48.15828 (20042404) 504521.98
3633125.90 45.76715 (20112701)
504571.98 3633125.90 45.32588 (20112022) 504621.98
3633125.90 45.52852 (21011323)
504671.98 3633125.90 43.52755 (21010102) 504721.98
3633125.90 43.58301 (20011902)
504771.98 3633125.90 42.40157 (19022705) 504821.98
3633125.90 41.57363 (21021820)
504871.98 3633125.90 40.95260 (21011520) 504921.98
3633125.90 38.46793 (19121906)
504971.98 3633125.90 37.65884 (19122301) 505021.98
3633125.90 36.91538 (20122923)
505071.98 3633125.90 33.88834 (19081501) 505121.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3633175.90        9.23371  (21111004)                502371.98
3633175.90        8.76715  (21111004)
        502421.98   3633175.90        8.15680  (21111004)                502471.98
3633175.90        7.93347  (19010119)
        502521.98   3633175.90        7.93056  (19010119)                502571.98
3633175.90        7.78918  (19010119)
        502621.98   3633175.90        7.50337  (19010119)                502671.98
3633175.90        7.07709  (19010119)
        502721.98   3633175.90        6.52485  (19010119)                502771.98
3633175.90        8.32024  (21030103)
        502821.98   3633175.90       25.64251  (20122620)                502871.98
3633175.90       13.71167  (21030103)
        502921.98   3633175.90       36.77955  (20122620)                502971.98
3633175.90       38.00690  (20122620)
        503021.98   3633175.90       37.33940  (21030103)                503071.98
3633175.90       37.17391  (21031822)
        503121.98   3633175.90       45.59309  (21031822)                503171.98
3633175.90       42.89063  (20121603)
        503221.98   3633175.90       44.64268  (20121603)                503271.98
3633175.90       56.70669  (20092124)

503321.98 3633175.90 67.50390 (20092124) 503371.98 3633175.90 59.17440 (20092124)
503421.98 3633175.90 54.13406 (20102407) 503471.98 3633175.90 61.28910 (20111701)
503621.98 3633175.90 53.12640 (21020924) 503671.98 3633175.90 53.50235 (21020924)
503721.98 3633175.90 52.26877 (19101521) 503771.98 3633175.90 45.24833 (19101521)
503821.98 3633175.90 56.65457 (20050102) 503871.98 3633175.90 58.92912 (21020203)
503921.98 3633175.90 53.44895 (20032924) 503971.98 3633175.90 57.95715 (20110207)
504021.98 3633175.90 42.51012 (20110207) 504071.98 3633175.90 53.44457 (20082519)
504121.98 3633175.90 58.58973 (20022622) 504171.98 3633175.90 57.32975 (21013120)
504221.98 3633175.90 50.49580 (19102905) 504271.98 3633175.90 55.25087 (21022205)
504321.98 3633175.90 56.08881 (20022403) 504371.98 3633175.90 53.32178 (21011620)
504421.98 3633175.90 50.68753 (21013021) 504471.98 3633175.90 51.43820 (21120723)
504521.98 3633175.90 49.03818 (20101423) 504571.98 3633175.90 47.07802 (21022020)
504621.98 3633175.90 46.49927 (21011323) 504671.98 3633175.90 45.86142 (21010102)
504721.98 3633175.90 43.37503 (21022803) 504771.98 3633175.90 44.34805 (21021820)
504821.98 3633175.90 42.62461 (21011520) 504871.98 3633175.90 40.94325 (19121906)
504921.98 3633175.90 39.89972 (21010522) 504971.98 3633175.90 38.99770 (20122923)
505021.98 3633175.90 35.89864 (19081501) 505071.98 3633175.90 37.26938 (21022502)
505121.98 3633175.90 35.61949 (21022502) 505171.98 3633175.90 33.97303 (20100521)
505221.98 3633175.90 34.96473 (20021702) 502221.98 3633225.90 10.33878 (21111004)
502271.98 3633225.90 10.40102 (21111004) 502321.98 3633225.90 10.29562 (21111004)
502371.98 3633225.90 10.03290 (21111004) 502421.98 3633225.90 9.58715 (21111004)
502471.98 3633225.90 8.96860 (21111004) 502521.98 3633225.90 8.41882 (19010119)
502571.98 3633225.90 8.46002 (19010119) 502621.98 3633225.90 8.34745 (19010119)
502671.98 3633225.90 8.06648 (19010119) 502721.98 3633225.90 7.62031 (19010119)
502771.98 3633225.90 7.04045 (19010119) 502821.98 3633225.90 9.00538 (21030103)

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503371.98   3633225.90       65.24387  (20092124)                503421.98
3633225.90       58.86045  (20090205)
        503471.98   3633225.90       60.25779  (20102407)                503621.98
3633225.90       53.04468  (20090124)
        503671.98   3633225.90       56.07427  (21020924)                503721.98
3633225.90       53.90316  (19110606)
        503771.98   3633225.90       51.62882  (19101521)                503821.98
3633225.90       58.25809  (20050102)
        503871.98   3633225.90       61.91252  (21020203)                503921.98
3633225.90       56.38705  (20032924)
        503971.98   3633225.90       61.40656  (20110207)                504021.98
3633225.90       44.13957  (20080919)
        504071.98   3633225.90       56.79455  (20082519)                504121.98
3633225.90       61.02808  (20022622)
        504171.98   3633225.90       60.35964  (21011302)                504221.98

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3633225.90       56.53868  (19102905)
        504271.98   3633225.90       58.34696  (19121107)                504321.98
3633225.90       56.26315  (21011620)
        504371.98   3633225.90       55.48450  (21013021)                504421.98
3633225.90       53.59893  (20042404)
        504471.98   3633225.90       51.59613  (21120723)                504521.98
3633225.90       50.64865  (20112022)
        504571.98   3633225.90       51.14188  (21011323)                504621.98
3633225.90       49.52716  (21010102)
        504671.98   3633225.90       47.07456  (20011902)                504721.98
3633225.90       46.67795  (19022705)
        504771.98   3633225.90       45.26581  (20121007)                504821.98
3633225.90       43.70597  (21011520)
        504871.98   3633225.90       42.78938  (21010522)                504921.98
3633225.90       41.16522  (20122923)
        504971.98   3633225.90       38.09733  (19081501)                505021.98
3633225.90       39.36906  (21022502)
        505071.98   3633225.90       37.52994  (21022502)                505121.98
3633225.90       35.84074  (20100521)
        505171.98   3633225.90       36.73187  (20021702)                505221.98
3633225.90       35.44246  (20020804)
        502221.98   3633275.90       10.59487  (21111004)                502271.98
3633275.90       10.91373  (21111004)
        502321.98   3633275.90       11.08671  (21111004)                502371.98
3633275.90       11.08056  (21111004)
        502421.98   3633275.90       10.87623  (21111004)                502471.98
3633275.90       10.47522  (21111004)
        502521.98   3633275.90        9.88204  (21111004)                502571.98
3633275.90        9.11175  (21111004)
        502621.98   3633275.90        9.04007  (19010119)                502671.98
3633275.90        8.95797  (19010119)
        502721.98   3633275.90        8.69077  (19010119)                502771.98
3633275.90        8.23450  (19010119)
        502821.98   3633275.90       15.51833  (20122620)                502871.98
3633275.90       12.96352  (20122620)
        502921.98   3633275.90       12.93320  (21030103)                502971.98
3633275.90       16.33578  (21030103)
        503021.98   3633275.90       24.35140  (21030103)                503071.98
3633275.90       22.07319  (21030103)
        503121.98   3633275.90       23.30779  (21030103)                503171.98
3633275.90       29.00721  (20121603)
        503221.98   3633275.90       45.88348  (20121603)                503271.98
3633275.90       53.21587  (20121603)
        503321.98   3633275.90       62.50570  (20092124)                503371.98
3633275.90       71.25259  (20092124)
        503421.98   3633275.90       68.13848  (20090205)                503471.98
3633275.90       50.26810  (20102407)
        503621.98   3633275.90       50.33260  (21110603)                503671.98
3633275.90       56.41825  (21020924)
        503721.98   3633275.90       60.03158  (19110606)                503771.98
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3633275.90  58.45797  (19101521)
  503821.98  3633275.90  59.40979  (20050102)  503871.98
3633275.90  64.98339  (21020203)
  503921.98  3633275.90  59.61403  (20032924)  503971.98
3633275.90  65.19683  (20110207)
  504021.98  3633275.90  47.05999  (20080919)  504071.98
3633275.90  61.76279  (19032124)
  504121.98  3633275.90  62.25546  (20022622)  504171.98
3633275.90  62.72087  (21011302)
  504221.98  3633275.90  60.77006  (19102905)  504271.98
3633275.90  63.43570  (20022403)
  504321.98  3633275.90  61.73939  (21011620)  504371.98
3633275.90  58.63755  (21013021)
  504421.98  3633275.90  57.57497  (21120723)  504471.98
3633275.90  55.02078  (20101423)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 52.54993 | (21022020) | 504571.98 | 3633275.90 | 51.69293 | (20031721) |
| 504621.98 | 3633275.90 | 51.66235 | (20011902) | 504671.98 | 3633275.90 | 50.29642 | (19022705) |
| 504721.98 | 3633275.90 | 47.92130 | (20121007) | 504771.98 | 3633275.90 | 47.67710 | (21011520) |
| 504821.98 | 3633275.90 | 45.67700 | (21010522) | 504871.98 | 3633275.90 | 43.37545 | (20122923) |
| 504921.98 | 3633275.90 | 40.30926 | (19081501) | 504971.98 | 3633275.90 | 41.68193 | (21022502) |

505021.98 3633275.90 39.79377 (19120104) 505071.98 3633275.90 37.88435 (20100521)
505121.98 3633275.90 38.59315 (20021702) 505171.98 3633275.90 36.94696 (20020804)
505221.98 3633275.90 35.74566 (21012402) 502221.98 3633325.90 10.46867 (21111004)
502271.98 3633325.90 11.04258 (21111004) 502321.98 3633325.90 11.49361 (21111004)
502371.98 3633325.90 11.78467 (21111004) 502421.98 3633325.90 11.88771 (21111004)
502471.98 3633325.90 11.77476 (21111004) 502521.98 3633325.90 11.44703 (21111004)
502571.98 3633325.90 10.88976 (21111004) 502621.98 3633325.90 10.11792 (21111004)
502671.98 3633325.90 9.66625 (19010119) 502721.98 3633325.90 9.63137 (19010119)
502771.98 3633325.90 9.37405 (19010119) 502821.98 3633325.90 8.91425 (19010119)
502871.98 3633325.90 8.27889 (19010119) 502921.98 3633325.90 10.66203 (21030103)
502971.98 3633325.90 14.16783 (21030103) 503021.98 3633325.90 17.92145 (21030103)
503071.98 3633325.90 21.41784 (21030103) 503121.98 3633325.90 23.98857 (21030103)
503171.98 3633325.90 26.37295 (20121603) 503221.98 3633325.90 32.69459 (20121603)
503271.98 3633325.90 59.30987 (21031822) 503321.98 3633325.90 56.57549 (20121603)
503371.98 3633325.90 68.26615 (20092124) 503421.98 3633325.90 76.12443 (20090205)
503471.98 3633325.90 50.66173 (20090205) 503621.98 3633325.90 47.59337 (21110603)
503671.98 3633325.90 54.61062 (21020924) 503721.98 3633325.90 65.23649 (19110606)
503771.98 3633325.90 64.92622 (19101521) 503821.98 3633325.90 60.04603 (20050102)
503871.98 3633325.90 68.12501 (21020203) 503921.98 3633325.90 63.17212 (20032924)
503971.98 3633325.90 68.55702 (20110207) 504021.98 3633325.90 50.10209 (20080919)
504071.98 3633325.90 67.09649 (19032124) 504121.98 3633325.90 68.24393 (21013120)
504171.98 3633325.90 62.68889 (21011302) 504221.98 3633325.90 66.09734 (21022205)
504271.98 3633325.90 66.91970 (20022403) 504321.98 3633325.90 62.42558 (20052501)
504371.98 3633325.90 59.23924 (20042404) 504421.98 3633325.90 58.83640 (21120723)
504471.98 3633325.90 57.04484 (20112022) 504521.98 3633325.90 57.33625 (21011323)

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        504571.98   3633325.90       55.33807  (21010102)               504621.98
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        504671.98   3633325.90       52.55385  (21021820)               504721.98
3633325.90       51.39696  (21011520)
        504771.98   3633325.90       48.46987  (21010522)               504821.98
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        505071.98   3633325.90       40.50408  (20021702)               505121.98
3633325.90       38.39692  (20020804)
        505171.98   3633325.90       38.12002  (21012402)               505221.98
3633325.90       36.33210  (20121620)
        502221.98   3633375.90        9.95618  (21111004)               502271.98
3633375.90       10.74311  (21111004)
        502321.98   3633375.90       11.45134  (21111004)               502371.98
3633375.90       12.04309  (21111004)
        502421.98   3633375.90       12.48092  (21111004)               502471.98
3633375.90       12.72299  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 611
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502521.98   3633375.90       12.74076  (21111004)               502571.98
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        502621.98   3633375.90       12.00716  (21111004)               502671.98
3633375.90       11.24688  (21111004)
        502721.98   3633375.90       10.34961  (19010119)               502771.98
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3633375.90 10.37665 (19010119)
502821.98 3633375.90 10.16617 (19010119) 502871.98
3633375.90 9.71347 (19010119)
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3633375.90 11.66096 (21030103)
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3633375.90 19.74628 (21030103)
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3633375.90 26.09842 (21030103)
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3633375.90 36.72160 (20121603)
503321.98 3633375.90 56.74053 (20121603) 503371.98
3633375.90 62.38749 (20092124)
503421.98 3633375.90 68.53811 (20090205) 503471.98
3633375.90 69.22588 (20090205)
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3633375.90 55.11328 (21020924)
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3633375.90 69.92716 (19101521)
503821.98 3633375.90 59.77982 (20050102) 503871.98
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3633375.90 71.42317 (19032124)
504121.98 3633375.90 73.43149 (21013120) 504171.98
3633375.90 64.62397 (19102905)
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3633375.90 54.50554 (21011520)
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3633375.90 50.24005 (19122301)
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3633375.90 46.74833 (21022502)
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3633375.90 40.75619 (21010922)
505121.98 3633375.90 40.35313 (21012402) 505171.98
3633375.90 38.18526 (20121620)
505221.98 3633375.90 37.71195 (20022406) 502221.98
3633425.90 9.07799 (21111004)
502271.98 3633425.90 10.01457 (21111004) 502321.98

3633425.90       10.92697  (21111004)
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        502571.98   3633425.90       13.76044  (21111004)                502621.98
3633425.90       13.65263  (21111004)
        502671.98   3633425.90       13.23784  (21111004)                502721.98
3633425.90       12.51793  (21111004)
        502771.98   3633425.90       11.50980  (21111004)                502821.98
3633425.90       11.21026  (19010119)
        502871.98   3633425.90       11.05006  (19010119)                502921.98
3633425.90       10.60126  (19010119)
        502971.98   3633425.90        9.87891  (19010119)                503021.98
3633425.90       12.80680  (21030103)
        503071.98   3633425.90       17.21290  (21030103)                503121.98
3633425.90       21.84527  (21030103)
        503171.98   3633425.90       25.90135  (21030103)                503221.98
3633425.90       28.42587  (21030103)
        503271.98   3633425.90       34.80470  (20121603)                503321.98
3633425.90       57.95990  (21031822)
        503371.98   3633425.90       66.89473  (20121603)                503421.98
3633425.90       62.93178  (20090205)
        503471.98   3633425.90       81.62771  (20090205)                503621.98
3633425.90       62.76910  (20111701)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929 , L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M) Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503671.98 3633425.90 58.19672 (21020924) 503721.98 3633425.90 65.35629 (19110606)
503771.98 3633425.90 73.32190 (19101521) 503821.98 3633425.90 58.78437 (20050102)
503871.98 3633425.90 75.35758 (20050102) 503921.98 3633425.90 69.71201 (20032924)
503971.98 3633425.90 75.42720 (20110207) 504021.98 3633425.90 62.15209 (20080820)
504071.98 3633425.90 77.68458 (20022622) 504121.98 3633425.90 76.39500 (21013120)
504171.98 3633425.90 72.45917 (19102905) 504221.98 3633425.90 75.78951 (20022403)
504271.98 3633425.90 72.73971 (21011620) 504321.98 3633425.90 66.70121 (21013021)
504371.98 3633425.90 66.34859 (21120723) 504421.98 3633425.90 63.98408 (20112022)
504471.98 3633425.90 63.91371 (21011323) 504521.98 3633425.90 62.57276 (20011902)
504571.98 3633425.90 60.73006 (19022705) 504621.98 3633425.90 57.85951 (20121007)
504671.98 3633425.90 55.04844 (19121906) 504721.98 3633425.90 53.71288 (19122301)
504771.98 3633425.90 50.56877 (20122923) 504821.98 3633425.90 50.09187 (21022502)
504871.98 3633425.90 47.42727 (19120104) 504921.98 3633425.90 46.12697 (20021702)
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505171.98 3633425.90 38.64931 (20022406) 505221.98 3633425.90 37.43762 (21121121)
502221.98 3633475.90 7.93437 (21111004) 502271.98 3633475.90 8.94487 (21111004)
502321.98 3633475.90 9.99167 (21111004) 502371.98 3633475.90 11.04734 (21111004)
502421.98 3633475.90 12.07502 (21111004) 502471.98 3633475.90 13.04486 (21111004)
502521.98 3633475.90 13.83902 (21111004) 502571.98 3633475.90 14.45067 (21111004)
502621.98 3633475.90 14.81778 (21111004) 502671.98 3633475.90 14.87322 (21111004)
504771.98 3633475.90 52.73434 (21022502) 504821.98 3633475.90 50.50461 (19120104)
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        505171.98   3633475.90       39.55316  (21121121)                505221.98
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        502321.98   3633525.90        8.72932  (21111004)                502371.98
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        502421.98   3633525.90       11.09583  (21111004)                502471.98
3633525.90       12.30106  (21111004)
        502521.98   3633525.90       13.42174  (21111004)                502571.98
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        502621.98   3633525.90       15.28229  (21111004)                502671.98
3633525.90       15.88222  (21111004)
        504771.98   3633525.90       54.23568  (19120104)                504821.98
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        504971.98   3633525.90       46.47940  (20121620)                505021.98
3633525.90       45.72663  (20022406)
        505071.98   3633525.90       43.09645  (21121121)                505121.98
3633525.90       42.17928  (21120121)
        505171.98   3633525.90       40.30726  (21021801)                505221.98
3633525.90       38.83465  (21011022)
        502221.98   3633575.90       12.05045  (21012320)                502271.98
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        502321.98   3633575.90       10.47422  (21012320)                502371.98
3633575.90        9.59489  (21012320)
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        502521.98   3633575.90       12.34598  (21111004)                502571.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 613
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 14.96045 | (21111004) | 502671.98 | 3633575.90 | 16.08189 | (21111004) |
| 504771.98 | 3633575.90 | 57.60103 | (20021702) | 504821.98 | 3633575.90 | 54.39620 | (20020804) |
| 504871.98 | 3633575.90 | 52.47906 | (21012402) | 504921.98 | 3633575.90 | 49.86316 | (20022406) |
| 504971.98 | 3633575.90 | 47.05728 | (19010903) | 505021.98 | 3633575.90 | 45.39921 | (21121121) |
| 505071.98 | 3633575.90 | 44.21299 | (21120121) | 505121.98 | 3633575.90 | 42.14713 | (21021801) |
| 505171.98 | 3633575.90 | 40.49383 | (21011022) | 505221.98 | 3633575.90 | 40.19396 | (21122302) |
| 502221.98 | 3633625.90 | 14.69570 | (21012320) | 502271.98 | 3633625.90 | 14.15280 | (21012320) |
| 502321.98 | 3633625.90 | 13.56689 | (21012320) | 502371.98 | 3633625.90 | 12.82696 | (21012320) |
| 502421.98 | 3633625.90 | 11.95560 | (21012320) | 502471.98 | 3633625.90 | 10.92019 | (21012320) |
| 502521.98 | 3633625.90 | 10.77900 | (21111004) | 502571.98 | 3633625.90 | 12.30346 | (21111004) |
| 502621.98 | 3633625.90 | 13.86892 | (21111004) | 502671.98 | 3633625.90 | 15.39975 | (21111004) |
| 504771.98 | 3633625.90 | 57.77915 | (21010922) | 504821.98 | 3633625.90 | 55.50743 | (21012402) |
| 504871.98 | 3633625.90 | 53.97382 | (20022406) | 504921.98 | 3633625.90 | 50.00802 | (19010903) |
| 504971.98 | 3633625.90 | 50.75361 | (21011418) | 505021.98 | 3633625.90 | 47.35816 | (21011418) |
| 505071.98 | 3633625.90 | 44.70454 | (21011022) | 505121.98 | 3633625.90 | 43.11418 | (20021024) |
| 505171.98 | 3633625.90 | 43.16412 | (21122302) | 505221.98 | 3633625.90 | 40.33094 | (21011724) |
| 502221.98 | 3633675.90 | 16.77089 | (21012320) | 502271.98 | 3633675.90 | 16.62338 | (21012320) |
| 502321.98 | 3633675.90 | 16.41910 | (21012320) | 502371.98 | 3633675.90 | 16.00341 | (21012320) |
| 502421.98 | 3633675.90 | 15.44733 | (21012320) | 502471.98 | 3633675.90 | 14.65458 | (21012320) |
| 502521.98 | 3633675.90 | 13.69356 | (21012320) | 502571.98 | 3633675.90 | 12.55423 | (21012320) |
| 502621.98 | 3633675.90 | 12.08463 | (21111004) | 502671.98 | 3633675.90 | 13.85501 | (21111004) |
| 504771.98 | 3633675.90 | 59.40862 | (20121620) | 504821.98 | 3633675.90 | 57.09216 | (20022406) |
| 504871.98 | 3633675.90 | 55.91704 | (21011418) | 504921.98 | | | |

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3633675.90       56.12470  (21011418)
        504971.98   3633675.90       49.64100  (21011418)                505021.98
3633675.90       46.81986  (20021024)
        505071.98   3633675.90       47.02039  (21122302)                505121.98
3633675.90       44.62949  (21011724)
        505171.98   3633675.90       44.07964  (21010408)                505221.98
3633675.90       41.33057  (21011720)
        502221.98   3633725.90       17.91427  (21012320)                502271.98
3633725.90       18.24855  (21012320)
        502321.98   3633725.90       18.56427  (21012320)                502371.98
3633725.90       18.66951  (21012320)
        502421.98   3633725.90       18.57504  (21012320)                502471.98
3633725.90       18.25037  (21012320)
        502521.98   3633725.90       17.68523  (21012320)                502571.98
3633725.90       16.86835  (21012320)
        502621.98   3633725.90       15.80666  (21012320)                502671.98
3633725.90       14.51310  (21012320)
        504771.98   3633725.90       64.32623  (20111118)                504821.98
3633725.90       63.92564  (21011418)
        504871.98   3633725.90       60.47991  (21011418)                504921.98
3633725.90       52.00967  (21011022)
        504971.98   3633725.90       51.07273  (21122302)                505021.98
3633725.90       48.49116  (21011724)
        505071.98   3633725.90       48.12732  (21010408)                505121.98
3633725.90       45.75937  (21011720)
        505171.98   3633725.90       43.35930  (21011221)                505221.98
3633725.90       42.12832  (20121406)
        502221.98   3633775.90       17.88834  (21012320)                502271.98
3633775.90       18.68210  (21012320)
        502321.98   3633775.90       19.57206  (21012320)                502371.98
3633775.90       20.22661  (21012320)
        502421.98   3633775.90       20.75225  (21012320)                502471.98
3633775.90       21.01331  (21012320)
        502521.98   3633775.90       21.09082  (21012320)                502571.98
3633775.90       20.88916  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 614
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 20.36335 | (21012320) | 502671.98 | 3633775.90 | 19.52406 | (21012320) |
| 504771.98 | 3633775.90 | 76.34268 | (21011418) | 504821.98 | 3633775.90 | 65.10222 | (21011418) |
| 504871.98 | 3633775.90 | 55.98725 | (20021024) | 504921.98 | 3633775.90 | 54.18462 | (21122302) |
| 504971.98 | 3633775.90 | 52.45693 | (21010408) | 505021.98 | 3633775.90 | 49.87799 | (21011720) |
| 505071.98 | 3633775.90 | 47.65233 | (21011221) | 505121.98 | 3633775.90 | 46.77133 | (20121406) |
| 505171.98 | 3633775.90 | 43.53948 | (20121406) | 505221.98 | 3633775.90 | 42.00268 | (20021723) |
| 502221.98 | 3633825.90 | 16.69179 | (21012320) | 502271.98 | 3633825.90 | 17.82088 | (21012320) |
| 502321.98 | 3633825.90 | 19.07969 | (21012320) | 502371.98 | 3633825.90 | 20.26819 | (21012320) |
| 502421.98 | 3633825.90 | 21.35613 | (21012320) | 502471.98 | 3633825.90 | 22.30712 | (21012320) |
| 502521.98 | 3633825.90 | 23.11802 | (21012320) | 502571.98 | 3633825.90 | 23.72013 | (21012320) |
| 502621.98 | 3633825.90 | 24.04308 | (21012320) | 502671.98 | 3633825.90 | 24.00674 | (21012320) |
| 504771.98 | 3633825.90 | 67.85833 | (20081722) | 504821.98 | 3633825.90 | 62.28079 | (21122302) |
| 504871.98 | 3633825.90 | 58.23634 | (21010408) | 504921.98 | 3633825.90 | 55.58476 | (21011720) |
| 504971.98 | 3633825.90 | 52.73692 | (21011221) | 505021.98 | 3633825.90 | 51.23852 | (20121406) |
| 505071.98 | 3633825.90 | 47.73176 | (20021305) | 505121.98 | 3633825.90 | 47.02513 | (20021723) |
| 505171.98 | 3633825.90 | 45.48831 | (19011606) | 505221.98 | 3633825.90 | 43.15500 | (19011606) |
| 502221.98 | 3633875.90 | 14.41671 | (21012320) | 502271.98 | 3633875.90 | 15.73718 | (21012320) |
| 502321.98 | 3633875.90 | 17.24641 | (21012320) | 502371.98 | 3633875.90 | 18.70418 | (21012320) |
| 502421.98 | 3633875.90 | 20.23748 | (21012320) | 502471.98 | 3633875.90 | 21.70533 | (21012320) |
| 502521.98 | 3633875.90 | 23.20381 | (21012320) | 502571.98 | 3633875.90 | 24.60659 | (21012320) |

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        502621.98   3633875.90       25.82816  (21012320)                502671.98
3633875.90       26.78429  (21012320)
        504771.98   3633875.90       68.19045  (21011724)                504821.98
3633875.90       62.65223  (21011720)
        504871.98   3633875.90       58.92885  (21011221)                504921.98
3633875.90       57.16745  (20121406)
        504971.98   3633875.90       53.01948  (20021305)                505021.98
3633875.90       51.90697  (20021723)
        505071.98   3633875.90       50.38534  (19011606)                505121.98
3633875.90       46.80837  (20012223)
        505171.98   3633875.90       44.88080  (19121305)                505221.98
3633875.90       42.90413  (19121305)
        502221.98   3633925.90       11.82834  (19083104)                502271.98
3633925.90       12.87782  (21012320)
        502321.98   3633925.90       14.35577  (21012320)                502371.98
3633925.90       15.88589  (21012320)
        502421.98   3633925.90       17.62153  (21012320)                502471.98
3633925.90       19.38032  (21012320)
        502521.98   3633925.90       21.26131  (21012320)                502571.98
3633925.90       23.19319  (21012320)
        502621.98   3633925.90       25.12925  (21012320)                502671.98
3633925.90       26.97704  (21012320)
        504771.98   3633925.90       68.50528  (21011221)                504821.98
3633925.90       63.55672  (20121406)
        504871.98   3633925.90       59.40548  (20021723)                504921.98
3633925.90       57.88997  (19011606)
        504971.98   3633925.90       55.49836  (19011606)                505021.98
3633925.90       51.65735  (19121305)
        505071.98   3633925.90       49.83421  (19121305)                505121.98
3633925.90       45.72066  (21010422)
        505171.98   3633925.90       45.14215  (19011923)                505221.98
3633925.90       42.91795  (19011923)
        502221.98   3633975.90       13.98003  (19083104)                502271.98
3633975.90       14.13142  (19083104)
        502321.98   3633975.90       14.29288  (19083104)                502371.98
3633975.90       14.41789  (19083104)
        502421.98   3633975.90       14.48124  (19083104)                502471.98
3633975.90       15.77988  (21012320)
        502521.98   3633975.90       17.72135  (21012320)                502571.98
3633975.90       19.80956  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 615
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
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INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 22.07170 | (21012320) | 502671.98 | 3633975.90 | 24.42020 | (21012320) |
| 504771.98 | 3633975.90 | 68.24261 | (20021723) | 504821.98 | 3633975.90 | 66.49852 | (20081804) |
| 504871.98 | 3633975.90 | 62.89436 | (20081804) | 504921.98 | 3633975.90 | 58.63049 | (19121305) |
| 504971.98 | 3633975.90 | 53.75367 | (19121305) | 505021.98 | 3633975.90 | 52.75192 | (19011923) |
| 505071.98 | 3633975.90 | 49.82615 | (19011923) | 505121.98 | 3633975.90 | 47.31883 | (19012803) |
| 505171.98 | 3633975.90 | 45.20295 | (21121821) | 505221.98 | 3633975.90 | 42.81871 | (21121821) |
| 502221.98 | 3634025.90 | 15.37854 | (19083104) | 502271.98 | 3634025.90 | 15.78374 | (19083104) |
| 502321.98 | 3634025.90 | 16.22868 | (19083104) | 502371.98 | 3634025.90 | 16.66960 | (19083104) |
| 502421.98 | 3634025.90 | 17.06655 | (19083104) | 502471.98 | 3634025.90 | 17.42328 | (19083104) |
| 502521.98 | 3634025.90 | 17.73400 | (19083104) | 502571.98 | 3634025.90 | 17.98763 | (19083104) |
| 502621.98 | 3634025.90 | 18.17627 | (19083104) | 502671.98 | 3634025.90 | 19.80398 | (21012320) |
| 504771.98 | 3634025.90 | 71.01871 | (19121305) | 504821.98 | 3634025.90 | 66.51698 | (20082223) |
| 504871.98 | 3634025.90 | 61.02360 | (19011923) | 504921.98 | 3634025.90 | 57.55579 | (19012803) |
| 504971.98 | 3634025.90 | 55.14455 | (19012803) | 505021.98 | 3634025.90 | 53.00719 | (21121821) |
| 505071.98 | 3634025.90 | 50.43264 | (20121224) | 505121.98 | 3634025.90 | 47.39400 | (20121224) |
| 505171.98 | 3634025.90 | 45.26208 | (20020703) | 505221.98 | 3634025.90 | 42.68643 | (20020703) |
| 502221.98 | 3634075.90 | 15.67737 | (19083104) | 502271.98 | 3634075.90 | 16.32873 | (19083104) |
| 502321.98 | 3634075.90 | 17.02204 | (19083104) | 502371.98 | | | |

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3634075.90       17.72773  (19083104)
        502421.98   3634075.90       18.43659  (19083104)                502471.98
3634075.90       19.16548  (19083104)
        502521.98   3634075.90       19.90558  (19083104)                502571.98
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        502621.98   3634075.90       21.33986  (19083104)                502671.98
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        504771.98   3634075.90       68.29388  (19012803)                504821.98
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        504871.98   3634075.90       61.13826  (20121224)                504921.98
3634075.90       58.52085  (20121224)
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        505071.98   3634075.90       48.26975  (21022324)                505121.98
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        505171.98   3634075.90       44.72548  (21122121)                505221.98
3634075.90       43.88936  (21122121)
        502221.98   3634125.90       14.80802  (19083104)                502271.98
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3634125.90       21.40666  (19083104)
        502621.98   3634125.90       22.59411  (19083104)                502671.98
3634125.90       23.80441  (19083104)
        504771.98   3634125.90       69.00017  (20020703)                504821.98
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        504871.98   3634125.90       58.30273  (20032124)                504921.98
3634125.90       57.80480  (21122121)
        504971.98   3634125.90       56.48599  (21122121)                505021.98
3634125.90       54.03135  (21122121)
        505071.98   3634125.90       51.74696  (20121803)                505121.98
3634125.90       49.32407  (20121803)
        505171.98   3634125.90       46.50027  (20121803)                505221.98
3634125.90       44.11368  (21122201)
        502221.98   3634175.90       12.93675  (19083104)                502271.98
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        502321.98   3634175.90       14.60217  (19083104)                502371.98
3634175.90       15.64895  (19083104)
        502421.98   3634175.90       16.64897  (19083104)                502471.98
3634175.90       17.72390  (19083104)
        502521.98   3634175.90       18.86998  (19083104)                502571.98
3634175.90       20.12006  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER  ***
INCLUDING SOURCE(S):  L0000928  , L0000929 , L0000930  , L0000931  , L0000932  ,
L0000933  , L0000934  , L0000935  , L0000936  , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 21.46754 | (19083104) | 502671.98 | 3634175.90 | 22.95202 | (19083104) |
| 504771.98 | 3634175.90 | 70.76245 | (21122121) | 504821.98 | 3634175.90 | 67.63105 | (20121803) |
| 504871.98 | 3634175.90 | 63.89136 | (20121803) | 504921.98 | 3634175.90 | 59.68315 | (21122201) |
| 504971.98 | 3634175.90 | 56.48593 | (21122201) | 505021.98 | 3634175.90 | 52.79773 | (19021906) |
| 505071.98 | 3634175.90 | 50.41209 | (19021906) | 505121.98 | 3634175.90 | 47.33283 | (19021906) |
| 505171.98 | 3634175.90 | 44.47609 | (19021906) | 505221.98 | 3634175.90 | 42.56557 | (20013123) |
| 502221.98 | 3634225.90 | 11.74015 | (20022619) | 502271.98 | 3634225.90 | 12.17384 | (20022619) |
| 502321.98 | 3634225.90 | 12.75242 | (20022619) | 502371.98 | 3634225.90 | 13.37895 | (20022619) |
| 502421.98 | 3634225.90 | 13.94438 | (20022619) | 502471.98 | 3634225.90 | 14.81774 | (19083104) |
| 502521.98 | 3634225.90 | 15.88198 | (19083104) | 502571.98 | 3634225.90 | 17.07176 | (19083104) |
| 502621.98 | 3634225.90 | 18.36739 | (19083104) | 502671.98 | 3634225.90 | 19.80815 | (19083104) |
| 504771.98 | 3634225.90 | 69.05417 | (19021906) | 504821.98 | 3634225.90 | 64.56804 | (20013123) |
| 504871.98 | 3634225.90 | 62.32761 | (20013123) | 504921.98 | 3634225.90 | 59.76642 | (20013123) |
| 504971.98 | 3634225.90 | 56.58579 | (20013123) | 505021.98 | 3634225.90 | 53.61005 | (20013123) |
| 505071.98 | 3634225.90 | 50.56077 | (20013123) | 505121.98 | 3634225.90 | 47.23001 | (20013123) |

505171.98 3634225.90 44.24355 (20013123) 505221.98 3634225.90 41.64520 (20013123)
502221.98 3634275.90 13.11277 (21021102) 502271.98 3634275.90 13.62827 (21021102)
502321.98 3634275.90 14.22664 (21021102) 502371.98 3634275.90 14.91725 (21021102)
502421.98 3634275.90 15.56684 (21021102) 502471.98 3634275.90 16.25068 (21021102)
502521.98 3634275.90 16.98763 (21021102) 502571.98 3634275.90 17.77224 (21021102)
502621.98 3634275.90 18.63514 (21021102) 502671.98 3634275.90 19.56270 (21021102)
504771.98 3634275.90 67.49400 (21013019) 504821.98 3634275.90 63.94893 (21013019)
504871.98 3634275.90 60.49328 (21013019) 504921.98 3634275.90 57.13469 (21013019)
504971.98 3634275.90 53.40054 (21013019) 505021.98 3634275.90 50.91549 (19122101)
505071.98 3634275.90 48.93209 (19122101) 505121.98 3634275.90 46.82923 (19122101)
505171.98 3634275.90 45.12363 (19122101) 505221.98 3634275.90 43.52210 (19122101)
502221.98 3634325.90 16.63711 (21021102) 502271.98 3634325.90 17.38732 (21021102)
502321.98 3634325.90 18.17887 (21021102) 502371.98 3634325.90 19.03266 (21021102)
502421.98 3634325.90 19.94587 (21021102) 502471.98 3634325.90 20.91779 (21021102)
502521.98 3634325.90 21.98163 (21021102) 502571.98 3634325.90 23.13092 (21021102)
502621.98 3634325.90 24.37920 (21021102) 502671.98 3634325.90 25.76635 (21021102)
504771.98 3634325.90 70.68949 (21021007) 504821.98 3634325.90 66.80781 (21021007)
504871.98 3634325.90 63.00707 (21021007) 504921.98 3634325.90 59.27685 (21021007)
504971.98 3634325.90 55.92311 (21021007) 505021.98 3634325.90 53.44297 (21021007)
505071.98 3634325.90 50.82053 (21021007) 505121.98 3634325.90 48.12350 (21021007)
505171.98 3634325.90 45.97481 (21021007) 505221.98 3634325.90 43.93120 (21021007)
502221.98 3634375.90 19.19394 (21021102) 502271.98 3634375.90 20.06114 (21021102)
502321.98 3634375.90 20.92588 (21021102) 502371.98 3634375.90 21.86327 (21021102)
502421.98 3634375.90 22.97920 (21021102) 502471.98 3634375.90 24.17793 (21021102)
502521.98 3634375.90 25.49513 (21021102) 502571.98 3634375.90 26.83737 (21021102)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 28.19217 | (21021102) | 502671.98 | 3634375.90 | 29.58211 | (21021102) |
| 504771.98 | 3634375.90 | 68.34559 | (20011720) | 504821.98 | 3634375.90 | 63.94444 | (20011720) |
| 504871.98 | 3634375.90 | 60.05734 | (20011720) | 504921.98 | 3634375.90 | 56.33930 | (20011720) |
| 504971.98 | 3634375.90 | 53.19957 | (20011720) | 505021.98 | 3634375.90 | 50.60216 | (20011720) |
| 505071.98 | 3634375.90 | 47.90357 | (21032906) | 505121.98 | 3634375.90 | 45.49725 | (21032906) |
| 505171.98 | 3634375.90 | 43.48566 | (21032906) | 505221.98 | 3634375.90 | 41.62632 | (21032906) |
| 502221.98 | 3634425.90 | 20.10780 | (21021102) | 502271.98 | 3634425.90 | 20.94444 | (21021102) |
| 502321.98 | 3634425.90 | 21.81120 | (21021102) | 502371.98 | 3634425.90 | 22.73313 | (21021102) |
| 502421.98 | 3634425.90 | 23.72531 | (21021102) | 502471.98 | 3634425.90 | 24.75813 | (21021102) |
| 502521.98 | 3634425.90 | 25.88821 | (21021102) | 502571.98 | 3634425.90 | 27.07885 | (21021102) |
| 502621.98 | 3634425.90 | 28.35616 | (21021102) | 502671.98 | 3634425.90 | 29.70963 | (21021102) |
| 504771.98 | 3634425.90 | 64.95156 | (20041201) | 504821.98 | 3634425.90 | 63.74199 | (20041201) |
| 504871.98 | 3634425.90 | 66.79833 | (20041201) | 504921.98 | | | |

3634425.90 68.93965 (20041201)
504971.98 3634425.90 60.73836 (20041201) 505021.98
3634425.90 56.35496 (20041201)
505071.98 3634425.90 55.61664 (20041201) 505121.98
3634425.90 53.72010 (20041201)
505171.98 3634425.90 49.09481 (20041201) 505221.98
3634425.90 45.06501 (20041201)
502221.98 3634475.90 19.01324 (21021102) 502271.98
3634475.90 19.64817 (21021102)
502321.98 3634475.90 20.30247 (21021102) 502371.98
3634475.90 20.98208 (21021102)
502421.98 3634475.90 21.68581 (21021102) 502471.98
3634475.90 22.40659 (21021102)
502521.98 3634475.90 23.17394 (21021102) 502571.98
3634475.90 23.95363 (21021102)
502621.98 3634475.90 24.75353 (21021102) 502671.98
3634475.90 25.57572 (21021102)
504771.98 3634475.90 60.31376 (20081806) 504821.98
3634475.90 56.27322 (20081806)
504871.98 3634475.90 57.63222 (20081806) 504921.98
3634475.90 66.62422 (20041201)
504971.98 3634475.90 64.07630 (20041201) 505021.98
3634475.90 62.70425 (20041201)
505071.98 3634475.90 62.41305 (20041201) 505121.98
3634475.90 59.92527 (20041201)
505171.98 3634475.90 56.47408 (20041201) 505221.98
3634475.90 53.22031 (20041201)
502221.98 3634525.90 16.31497 (21021102) 502271.98
3634525.90 16.66175 (21021102)
502321.98 3634525.90 17.00884 (21021102) 502371.98
3634525.90 17.35401 (21021102)
502421.98 3634525.90 17.68481 (21021102) 502471.98
3634525.90 18.00701 (21021102)
502521.98 3634525.90 18.30968 (21021102) 502571.98
3634525.90 18.77199 (19101801)
502621.98 3634525.90 19.71370 (19101801) 502671.98
3634525.90 21.25561 (19050903)
504771.98 3634525.90 63.12467 (20081806) 504821.98
3634525.90 61.87321 (20081806)
504871.98 3634525.90 67.94819 (20081806) 504921.98
3634525.90 75.92959 (20081806)
504971.98 3634525.90 73.45315 (20081806) 505021.98
3634525.90 68.07846 (20081806)
505071.98 3634525.90 62.51957 (20081806) 505121.98
3634525.90 56.00030 (20081806)
505171.98 3634525.90 49.30126 (20081806) 505221.98
3634525.90 43.11519 (20041201)
502221.98 3634575.90 13.71432 (19101801) 502271.98
3634575.90 14.24432 (19101801)
502321.98 3634575.90 14.80014 (19101801) 502371.98

3634575.90       15.60700  (19050903)
        502421.98   3634575.90       16.93953  (19050903)                502471.98
3634575.90       18.38027  (19050903)
        502521.98   3634575.90       19.92435  (19050903)                502571.98
3634575.90       21.58273  (19050903)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634575.90       23.35266  (19050903)                502671.98
3634575.90       25.24456  (19050903)
        504771.98   3634575.90       67.38261  (19022319)                504821.98
3634575.90       63.89972  (19022319)
        504871.98   3634575.90       66.95020  (19022319)                504921.98
3634575.90       66.32236  (21032601)
        504971.98   3634575.90       65.98624  (21032601)                505021.98
3634575.90       65.24186  (20081806)
        505071.98   3634575.90       63.53102  (20081806)                505121.98
3634575.90       60.79676  (20081806)
        505171.98   3634575.90       54.20279  (20081806)                505221.98
3634575.90       50.02321  (20081806)
        502221.98   3634625.90       14.97116  (19050903)                502271.98
3634625.90       16.05806  (19050903)
        502321.98   3634625.90       17.17742  (19050903)                502371.98
3634625.90       18.38922  (19050903)
        502421.98   3634625.90       19.65805  (19050903)                502471.98
3634625.90       20.98193  (19050903)
        502521.98   3634625.90       22.36858  (19050903)                502571.98
3634625.90       23.75287  (19050903)

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        502621.98   3634625.90       25.14708  (19050903)                502671.98
3634625.90       26.51337  (19050903)
        504771.98   3634625.90       72.44968  (19030607)                504821.98
3634625.90       72.18895  (20081401)
        504871.98   3634625.90       72.54783  (20081401)                504921.98
3634625.90       68.04902  (20081401)
        504971.98   3634625.90       62.84713  (19022319)                505021.98
3634625.90       60.23631  (19022319)
        505071.98   3634625.90       54.84920  (19022319)                505121.98
3634625.90       49.54802  (19022319)
        505171.98   3634625.90       43.67519  (20081806)                505221.98
3634625.90       42.46362  (20081806)
        502221.98   3634675.90       16.85945  (19050903)                502271.98
3634675.90       17.84350  (19050903)
        502321.98   3634675.90       18.82705  (19050903)                502371.98
3634675.90       19.80031  (19050903)
        502421.98   3634675.90       20.77248  (19050903)                502471.98
3634675.90       21.71463  (19050903)
        502521.98   3634675.90       22.60512  (19050903)                502571.98
3634675.90       23.42873  (19050903)
        502621.98   3634675.90       24.14585  (19050903)                502671.98
3634675.90       24.71087  (19050903)
        504771.98   3634675.90       61.33777  (21122106)                504821.98
3634675.90       58.96166  (21122106)
        504871.98   3634675.90       59.84034  (19042006)                504921.98
3634675.90       58.97125  (19042006)
        504971.98   3634675.90       57.14199  (20082303)                505021.98
3634675.90       53.30604  (20082303)
        505071.98   3634675.90       48.73896  (19022319)                505121.98
3634675.90       47.77584  (19022319)
        505171.98   3634675.90       42.43762  (19022319)                505221.98
3634675.90       38.59050  (19022319)
        502221.98   3634725.90       17.50522  (19050903)                502271.98
3634725.90       18.19176  (19050903)
        502321.98   3634725.90       18.80389  (19050903)                502371.98
3634725.90       19.37822  (19050903)
        502421.98   3634725.90       19.90213  (19050903)                502471.98
3634725.90       20.31089  (19050903)
        502521.98   3634725.90       20.58750  (19050903)                502571.98
3634725.90       20.74146  (19050903)
        502621.98   3634725.90       20.71833  (19050903)                502671.98
3634725.90       20.51515  (19050903)
        504771.98   3634725.90       51.94596  (20011806)                504821.98
3634725.90       62.85039  (20010802)
        504871.98   3634725.90       66.84305  (19022007)                504921.98
3634725.90       51.68894  (20072505)
        504971.98   3634725.90       53.60555  (19030607)                505021.98
3634725.90       52.62657  (19030607)
        505071.98   3634725.90       48.55999  (19030607)                505121.98
3634725.90       44.28608  (19030607)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 15.98548 | (19050903) | 502671.98 | 3634775.90 | 16.22170 | (19022707) |
| 504771.98 | 3634775.90 | 19.03992 | (21071520) | 504821.98 | 3634775.90 | 54.21246 | (20010802) |
| 504871.98 | 3634775.90 | 67.44389 | (20010802) | 504921.98 | 3634775.90 | 60.46214 | (20082106) |
| 504971.98 | 3634775.90 | 53.12229 | (20041202) | 505021.98 | 3634775.90 | 47.52385 | (20121617) |
| 505071.98 | 3634775.90 | 45.92271 | (20082024) | 505121.98 | 3634775.90 | 43.28070 | (20082024) |
| 505171.98 | 3634775.90 | 37.02993 | (20082024) | 505221.98 | 3634775.90 | 34.14680 | (19030607) |
| 502221.98 | 3634825.90 | 14.89040 | (19050903) | 502271.98 | 3634825.90 | 14.80538 | (19050903) |
| 502321.98 | 3634825.90 | 14.61091 | (19050903) | 502371.98 | | | |

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3634825.90       14.31538  (19050903)
        502421.98   3634825.90       13.89735  (19050903)                502471.98
3634825.90       13.36048  (19050903)
        502521.98   3634825.90       13.80859  (19022707)                502571.98
3634825.90       14.93408  (19120120)
        502621.98   3634825.90       16.60580  (20021724)                502671.98
3634825.90       19.22800  (20021724)
        504771.98   3634825.90       23.01410  (21071520)                504821.98
3634825.90       68.33353  (19030707)
        504871.98   3634825.90       68.45606  (20092620)                504921.98
3634825.90       65.60530  (20082106)
        504971.98   3634825.90       59.10565  (20082106)                505021.98
3634825.90       47.75403  (20082106)
        505071.98   3634825.90       41.31480  (20082106)                505121.98
3634825.90       39.14736  (20041202)
        505171.98   3634825.90       35.67568  (20082024)                505221.98
3634825.90       33.53441  (20082024)
        502221.98   3634875.90       12.24187  (19050903)                502271.98
3634875.90       11.85761  (19050903)
        502321.98   3634875.90       11.39610  (19050903)                502371.98
3634875.90       11.94065  (19022707)
        502421.98   3634875.90       12.81491  (19120120)                502471.98
3634875.90       13.72003  (19120120)
        502521.98   3634875.90       15.62228  (20021724)                502571.98
3634875.90       17.85941  (20021724)
        502621.98   3634875.90       20.20924  (20021724)                502671.98
3634875.90       22.59443  (20021724)
        504771.98   3634875.90       25.44955  (21071520)                504821.98
3634875.90       48.48200  (21012805)
        504871.98   3634875.90       66.49085  (19030707)                504921.98
3634875.90       70.44800  (20092620)
        504971.98   3634875.90       56.55911  (21011602)                505021.98
3634875.90       47.74516  (20082106)
        505071.98   3634875.90       42.80566  (20082106)                505121.98
3634875.90       40.61563  (20082106)
        505171.98   3634875.90       34.28489  (20082106)                505221.98
3634875.90       31.81910  (20041202)
        502221.98   3634925.90       10.45833  (19022707)                502271.98
3634925.90       11.13933  (19120120)
        502321.98   3634925.90       11.91708  (19120120)                502371.98
3634925.90       12.90486  (20021724)
        502421.98   3634925.90       14.71210  (20021724)                502471.98
3634925.90       16.61567  (20021724)
        502521.98   3634925.90       18.60000  (20021724)                502571.98
3634925.90       20.57824  (20021724)
        502621.98   3634925.90       22.46446  (20021724)                502671.98
3634925.90       27.22251  (21011719)
        504771.98   3634925.90       25.97224  (21071520)                504821.98
3634925.90       47.91293  (20022105)
        504871.98   3634925.90       65.50829  (19030707)                504921.98
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3634925.90       62.20531  (20092620)
        504971.98   3634925.90       59.42560  (20082302)                505021.98
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        505071.98   3634925.90       41.36622  (21011602)                505121.98
3634925.90       40.78801  (20082106)
        505171.98   3634925.90       39.22204  (20082106)                505221.98
3634925.90       36.82723  (20082106)
        502221.98   3634975.90       11.04939  (19120120)                502271.98
3634975.90       12.28568  (20021724)
        502321.98   3634975.90       13.85547  (20021724)                502371.98
3634975.90       15.50674  (20021724)
        502421.98   3634975.90       17.18959  (20021724)                502471.98
3634975.90       18.84424  (20021724)
        502521.98   3634975.90       20.41954  (20021724)                502571.98
3634975.90       24.65258  (21011719)


                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929 , L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937 ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

505221.98 3634975.90 40.15477 (20082106) 502221.98
3635025.90 13.07249 (20021724)
502271.98 3635025.90 14.50602 (20021724) 502321.98
3635025.90 15.94641 (20021724)
502371.98 3635025.90 17.35089 (20021724) 502421.98
3635025.90 18.67296 (20021724)
502471.98 3635025.90 22.47063 (21011719) 502521.98
3635025.90 26.26214 (21011719)
502571.98 3635025.90 29.58434 (21011719) 502621.98
3635025.90 31.96362 (21011719)
502671.98 3635025.90 32.93232 (21011719) 504871.98
3635025.90 64.35422 (19102623)
504921.98 3635025.90 49.84144 (19102623) 504971.98
3635025.90 53.50566 (20082301)
505021.98 3635025.90 45.22650 (20082301) 505071.98
3635025.90 40.34465 (20082302)
505121.98 3635025.90 47.20556 (20082302) 505171.98
3635025.90 48.29706 (20082302)
505221.98 3635025.90 44.67658 (20082302) 502221.98
3635075.90 14.83874 (20021724)
502271.98 3635075.90 16.04197 (20021724) 502321.98
3635075.90 17.23004 (21011719)
502371.98 3635075.90 20.58719 (21011719) 502421.98
3635075.90 23.88107 (21011719)
502471.98 3635075.90 26.78299 (21011719) 502521.98
3635075.90 28.91286 (21011719)
502571.98 3635075.90 29.90034 (21011719) 502621.98
3635075.90 29.46665 (21011719)
502671.98 3635075.90 27.52739 (21011719) 504921.98
3635075.90 68.12826 (19102623)
504971.98 3635075.90 47.39840 (19021605) 505021.98
3635075.90 49.39687 (20082301)
505071.98 3635075.90 46.61202 (20082301) 505121.98
3635075.90 42.01576 (20090224)
505171.98 3635075.90 45.84002 (20092620) 505221.98
3635075.90 48.35555 (20092620)
502221.98 3635125.90 15.99311 (21011719) 502271.98
3635125.90 18.94662 (21011719)
502321.98 3635125.90 21.83351 (21011719) 502371.98
3635125.90 24.38829 (21011719)
502421.98 3635125.90 26.30348 (21011719) 502471.98
3635125.90 27.27909 (21011719)
502521.98 3635125.90 27.08770 (21011719) 502571.98
3635125.90 25.63088 (21011719)
502621.98 3635125.90 22.99857 (21011719) 502671.98
3635125.90 25.42106 (20022207)
505021.98 3635125.90 46.91387 (19102623) 505071.98
3635125.90 44.86287 (20082301)
505121.98 3635125.90 41.88209 (20082301) 505171.98
3635125.90 40.99922 (19030707)

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        505221.98   3635125.90       39.85356  (20092620)               502221.98
3635175.90       20.05677  (21011719)
        502271.98   3635175.90       22.32674  (21011719)               502321.98
3635175.90       24.05626  (21011719)
        502371.98   3635175.90       25.00707  (21011719)               502421.98
3635175.90       24.98391  (21011719)
        502471.98   3635175.90       23.89239  (21011719)               502521.98
3635175.90       21.78049  (21011719)
        502571.98   3635175.90       21.90181  (20022207)               502621.98
3635175.90       25.15967  (20022207)
        502671.98   3635175.90       27.96371  (20022207)               505121.98
3635175.90       40.43959  (19102623)
        505171.98   3635175.90       38.12934  (19010822)               505221.98
3635175.90       38.41001  (19081504)
        502221.98   3635225.90       22.10289  (21011719)               502271.98
3635225.90       23.02454  (21011719)
        502321.98   3635225.90       23.12462  (21011719)               502371.98
3635225.90       22.31586  (21011719)
        502421.98   3635225.90       20.61770  (21011719)               502471.98
3635225.90       18.94679  (20022207)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 621
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502521.98   3635225.90       21.92190  (20022207)               502571.98
3635225.90       24.64367  (20022207)
        502621.98   3635225.90       26.81923  (20022207)               502671.98
3635225.90       28.15541  (20022207)
        502221.98   3635275.90       21.45830  (21011719)               502271.98
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3635275.90       20.87847  (21011719)
        502321.98   3635275.90       19.50965  (21011719)                502371.98
3635275.90       17.46612  (21011719)
        502421.98   3635275.90       19.14605  (20022207)                502471.98
3635275.90       21.70896  (20022207)
        502521.98   3635275.90       23.91082  (20022207)                502571.98
3635275.90       25.54520  (20022207)
        502621.98   3635275.90       26.33073  (20022207)                502671.98
3635275.90       26.09333  (20022207)
        502221.98   3635325.90       27.54391  (21011719)                502271.98
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        502321.98   3635325.90       16.77524  (20022207)                502371.98
3635325.90       19.14731  (20022207)
        502421.98   3635325.90       23.36556  (20022207)                502471.98
3635325.90       25.68657  (20022207)
        502521.98   3635325.90       24.19135  (20022207)                502571.98
3635325.90       24.53474  (20022207)
        502621.98   3635325.90       23.94128  (20022207)                502671.98
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        502221.98   3635375.90       21.01151  (21011719)                502271.98
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        502321.98   3635375.90       18.99544  (20022207)                502371.98
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        502421.98   3635375.90       29.77933  (20022207)                502471.98
3635375.90       32.11309  (19012005)
        502521.98   3635375.90       25.08269  (20022207)                502571.98
3635375.90       21.94002  (20022207)
        502621.98   3635375.90       23.69907  (21012023)                502671.98
3635375.90       24.55007  (21012023)
        502221.98   3635425.90       29.40622  (21052423)                502271.98
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        502321.98   3635425.90       23.72518  (20022207)                502371.98
3635425.90       28.00737  (20022207)
        502421.98   3635425.90       29.86620  (19012005)                502471.98
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        502521.98   3635425.90       31.11451  (20122320)                502571.98
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        502621.98   3635425.90       32.70091  (21012023)                502671.98
3635425.90       28.34220  (21012023)
        504771.98   3635425.90       23.26573  (20011620)                502221.98
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        502271.98   3635475.90       26.13108  (20022207)                502321.98
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        502371.98   3635475.90       29.37997  (19012005)                502421.98
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        502471.98   3635475.90       34.53074  (20071201)                502521.98
3635475.90       31.98444  (21012023)
        502571.98   3635475.90       31.67725  (21012023)                502621.98
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        504921.98   3635475.90       38.31234  (21090701)                502221.98
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        502271.98   3635525.90       28.33014  (19012005)                502321.98
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        502371.98   3635525.90       28.13519  (20122320)                502421.98
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3635525.90       29.54766  (21110406)
        502671.98   3635525.90       33.89531  (20070801)                502721.98
3635525.90       36.76108  (20070801)
        502771.98   3635525.90       34.41594  (20070801)                502821.98
3635525.90       40.28235  (20070802)
        502871.98   3635525.90       42.02090  (20070802)                502921.98
3635525.90       41.85313  (20111121)
        502971.98   3635525.90       45.47916  (19091321)                503021.98
3635525.90       47.27270  (19091321)
        503071.98   3635525.90       46.46600  (20042421)                503121.98
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        503171.98   3635525.90       26.11042  (19121706)                503221.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 622
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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503271.98 3635525.90 49.64510 (20110924) 503321.98
3635525.90 49.64775 (19073101)
503371.98 3635525.90 53.92931 (20091222) 503421.98
3635525.90 49.10081 (19111601)
503471.98 3635525.90 64.11101 (20033120) 503521.98
3635525.90 67.56835 (19071201)
503571.98 3635525.90 61.40643 (20101023) 503621.98
3635525.90 50.13436 (20120224)
503671.98 3635525.90 52.68590 (19031924) 503721.98
3635525.90 51.75596 (21021806)
503771.98 3635525.90 59.90399 (21081004) 503821.98
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3635525.90 21.81921 (21041323)
504171.98 3635525.90 18.90851 (21041323) 504221.98
3635525.90 20.63827 (21013118)
504271.98 3635525.90 26.72997 (21013118) 504321.98
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3635525.90 36.47369 (21090701)
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505171.98 3635525.90 33.73625 (21122618) 505221.98
3635525.90 24.93786 (21012617)
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3635575.90 29.63521 (19012005)
502321.98 3635575.90 27.62152 (19083024) 502371.98
3635575.90 29.19733 (20071201)
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3635575.90 29.88210 (21012023)
502521.98 3635575.90 27.06995 (21012023) 502571.98
3635575.90 28.16454 (21110406)
502621.98 3635575.90 31.88150 (20070801) 502671.98
3635575.90 35.48769 (20070801)

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        503021.98   3635575.90       50.13621  (20042421)                503071.98
3635575.90       48.92199  (20042421)
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        503221.98   3635575.90       56.05740  (20110924)                503271.98
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3635575.90       63.11135  (20101023)
        503621.98   3635575.90       57.40028  (19031924)                503671.98
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        503721.98   3635575.90       50.73684  (21081004)                503771.98
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        503821.98   3635575.90       57.46548  (19101219)                503871.98
3635575.90       52.26886  (21012024)
        503921.98   3635575.90       57.15399  (20071102)                503971.98
3635575.90       47.65346  (20071102)
        504021.98   3635575.90       21.77048  (21012024)                504071.98
3635575.90       21.34369  (21041323)
        504121.98   3635575.90       20.85592  (21041323)                504171.98
3635575.90       18.43766  (21041323)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 623
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 17.74970 | (21013118) | 504271.98 | 3635575.90 | 23.75589 | (21013118) |
| 504321.98 | 3635575.90 | 27.77421 | (21013118) | 504371.98 | 3635575.90 | 28.50745 | (21013118) |
| 504421.98 | 3635575.90 | 25.85199 | (21013118) | 504471.98 | 3635575.90 | 20.87782 | (21013118) |
| 504521.98 | 3635575.90 | 15.14203 | (21013118) | 504571.98 | 3635575.90 | 9.99346 | (21013118) |
| 504621.98 | 3635575.90 | 8.26884 | (19031219) | 504671.98 | 3635575.90 | 9.74197 | (20040223) |
| 504721.98 | 3635575.90 | 11.81207 | (20040223) | 504771.98 | 3635575.90 | 35.94013 | (21121422) |
| 504821.98 | 3635575.90 | 30.70539 | (21061321) | 504871.98 | 3635575.90 | 28.99966 | (21090701) |
| 504921.98 | 3635575.90 | 21.20435 | (20011620) | 504971.98 | 3635575.90 | 37.17231 | (21090701) |
| 505021.98 | 3635575.90 | 37.61079 | (21090701) | 505071.98 | 3635575.90 | 39.67428 | (21122618) |
| 505121.98 | 3635575.90 | 48.58632 | (21122618) | 505171.98 | 3635575.90 | 38.38494 | (21122618) |
| 505221.98 | 3635575.90 | 35.23370 | (21122618) | 502221.98 | 3635625.90 | 32.91705 | (19083024) |
| 502271.98 | 3635625.90 | 32.92922 | (20071201) | 502321.98 | 3635625.90 | 31.53366 | (20071201) |
| 502371.98 | 3635625.90 | 29.17681 | (21012023) | 502421.98 | 3635625.90 | 32.11419 | (21072005) |
| 502471.98 | 3635625.90 | 30.88684 | (21072005) | 502521.98 | 3635625.90 | 33.14240 | (21110406) |
| 502571.98 | 3635625.90 | 31.99420 | (20070801) | 502621.98 | 3635625.90 | 31.62736 | (20070801) |
| 502671.98 | 3635625.90 | 32.20445 | (20070801) | 502721.98 | 3635625.90 | 38.12862 | (20070802) |
| 502771.98 | 3635625.90 | 41.99795 | (20070802) | 502821.98 | 3635625.90 | 42.04524 | (19100620) |
| 502871.98 | 3635625.90 | 43.26326 | (19091321) | 502921.98 | 3635625.90 | 49.02788 | (19091321) |
| 502971.98 | 3635625.90 | 49.26459 | (21061223) | 503021.98 | 3635625.90 | 54.66443 | (20042421) |
| 503071.98 | 3635625.90 | 52.79890 | (20042421) | 503121.98 | 3635625.90 | 43.88957 | (20110924) |
| 503171.98 | 3635625.90 | 54.36856 | (20110924) | 503221.98 | 3635625.90 | 53.10799 | (20110924) |
| 503271.98 | 3635625.90 | 53.56246 | (19073101) | 503321.98 | 3635625.90 | 57.11548 | (20091222) |
| 503371.98 | 3635625.90 | 53.24943 | (19111601) | 503421.98 | | | |

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3635625.90       59.42539  (20033120)
        503471.98   3635625.90       56.30860  (19071201)                503521.98
3635625.90       59.64374  (20101023)
        503571.98   3635625.90       59.00875  (21061224)                503621.98
3635625.90       65.47250  (19031924)
        503671.98   3635625.90       63.10748  (20090823)                503721.98
3635625.90       58.64712  (21081004)
        503771.98   3635625.90       61.80499  (21081004)                503821.98
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        504171.98   3635625.90       17.93860  (21041323)                504221.98
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        504771.98   3635625.90       37.80740  (21121422)                504821.98
3635625.90       32.56685  (21121422)
        504871.98   3635625.90       27.66044  (21061321)                504921.98
3635625.90       18.17167  (20011620)
        504971.98   3635625.90       34.48683  (21090701)                505021.98
3635625.90       20.06749  (20011620)
        505071.98   3635625.90       18.90644  (20011620)                505121.98
3635625.90       38.13740  (21122618)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 624
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
               L0000933    , L0000934    , L0000935    , L0000936    , L0000937
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 38.68837 | (21122618) | 505221.98 | 3635625.90 | 35.50812 | (21122618) |
| 502221.98 | 3635675.90 | 31.27805 | (21012023) | 502271.98 | 3635675.90 | 31.57569 | (20071201) |
| 502321.98 | 3635675.90 | 30.92115 | (21012023) | 502371.98 | 3635675.90 | 30.91339 | (21072005) |
| 502421.98 | 3635675.90 | 29.89582 | (20121101) | 502471.98 | 3635675.90 | 32.00365 | (21110406) |
| 502521.98 | 3635675.90 | 33.61662 | (20070801) | 502571.98 | 3635675.90 | 33.86107 | (20070801) |
| 502621.98 | 3635675.90 | 31.07360 | (20070801) | 502671.98 | 3635675.90 | 35.51738 | (20070802) |
| 502721.98 | 3635675.90 | 40.20298 | (20070802) | 502771.98 | 3635675.90 | 39.65109 | (19100620) |
| 502821.98 | 3635675.90 | 40.89932 | (21121424) | 502871.98 | 3635675.90 | 44.80719 | (19091321) |
| 502921.98 | 3635675.90 | 42.14681 | (19071423) | 502971.98 | 3635675.90 | 47.14532 | (20042421) |
| 503021.98 | 3635675.90 | 48.20966 | (19121706) | 503071.98 | 3635675.90 | 46.78209 | (19121706) |
| 503121.98 | 3635675.90 | 40.08112 | (20110924) | 503171.98 | 3635675.90 | 42.61474 | (20110924) |
| 503221.98 | 3635675.90 | 44.80423 | (19073101) | 503271.98 | 3635675.90 | 46.91222 | (20091222) |
| 503321.98 | 3635675.90 | 45.82222 | (19111601) | 503371.98 | 3635675.90 | 42.94866 | (20033120) |
| 503421.98 | 3635675.90 | 52.32117 | (20033120) | 503471.98 | 3635675.90 | 51.92972 | (20101023) |
| 503521.98 | 3635675.90 | 52.13122 | (20101023) | 503571.98 | 3635675.90 | 56.51092 | (20120224) |
| 503621.98 | 3635675.90 | 63.99078 | (19031924) | 503671.98 | 3635675.90 | 60.48357 | (20090823) |
| 503721.98 | 3635675.90 | 60.25625 | (21081004) | 503771.98 | 3635675.90 | 61.07823 | (21081004) |
| 503821.98 | 3635675.90 | 61.96483 | (19101219) | 503871.98 | 3635675.90 | 49.57727 | (19021305) |
| 503921.98 | 3635675.90 | 56.57155 | (20071102) | 503971.98 | 3635675.90 | 43.65487 | (20071102) |
| 504021.98 | 3635675.90 | 40.97651 | (21010222) | 504071.98 | 3635675.90 | 18.99808 | (21041323) |

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        504121.98   3635675.90       19.03776  (21041323)               504171.98
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        504221.98   3635675.90       14.59358  (21041323)               504271.98
3635675.90       18.41991  (21013118)
        504321.98   3635675.90       23.02335  (21013118)               504371.98
3635675.90       25.53600  (21013118)
        504421.98   3635675.90       25.22762  (21013118)               504471.98
3635675.90       22.32496  (21013118)
        504521.98   3635675.90       17.82182  (21013118)               504571.98
3635675.90       12.94917  (21013118)
        504621.98   3635675.90        8.64235  (21013118)               504671.98
3635675.90        7.45858  (19031219)
        504721.98   3635675.90        8.17596  (20040223)               504771.98
3635675.90       42.69978  (21121422)
        504821.98   3635675.90       35.36158  (21121422)               504871.98
3635675.90       27.30708  (21121422)
        504921.98   3635675.90       15.87250  (20011620)               504971.98
3635675.90       29.22361  (21090701)
        505021.98   3635675.90       32.11562  (21090701)               505071.98
3635675.90       20.73130  (20011620)
        505121.98   3635675.90       33.95758  (21081602)               505171.98
3635675.90       36.33246  (21122618)
        505221.98   3635675.90       36.50860  (21122618)               502221.98
3635725.90       33.08020  (21012023)
        502271.98   3635725.90       30.63122  (21012023)               502321.98
3635725.90       29.32558  (21072005)
        502371.98   3635725.90       28.51327  (20121101)               502421.98
3635725.90       30.55128  (21110406)
        502471.98   3635725.90       32.24349  (20070801)               502521.98
3635725.90       32.93455  (20070801)
        502571.98   3635725.90       30.41828  (20070801)               502621.98
3635725.90       33.63835  (20070802)
        502671.98   3635725.90       37.99102  (20070802)               502721.98
3635725.90       38.06398  (20070802)
        502771.98   3635725.90       38.96812  (21121424)               502821.98
3635725.90       41.44229  (19091321)
        502871.98   3635725.90       41.69115  (19091321)               502921.98
3635725.90       40.92039  (19112801)
        502971.98   3635725.90       45.86825  (19121706)               503021.98
3635725.90       47.56262  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 625
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
```

INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 40.07233 | (19121706) | 503121.98 | 3635725.90 | 38.39055 | (21100523) |
| 503171.98 | 3635725.90 | 38.54215 | (21041406) | 503221.98 | 3635725.90 | 41.39382 | (21021621) |
| 503271.98 | 3635725.90 | 40.99339 | (20091222) | 503321.98 | 3635725.90 | 39.09800 | (20101905) |
| 503371.98 | 3635725.90 | 43.14598 | (19050823) | 503421.98 | 3635725.90 | 45.29672 | (20033120) |
| 503471.98 | 3635725.90 | 50.99787 | (20101023) | 503521.98 | 3635725.90 | 50.84409 | (20120224) |
| 503571.98 | 3635725.90 | 53.82850 | (20120224) | 503621.98 | 3635725.90 | 59.06952 | (19031924) |
| 503671.98 | 3635725.90 | 56.17271 | (20090823) | 503721.98 | 3635725.90 | 58.68255 | (21081004) |
| 503771.98 | 3635725.90 | 56.91475 | (21081004) | 503821.98 | 3635725.90 | 60.02302 | (19101219) |
| 503871.98 | 3635725.90 | 50.75082 | (19021305) | 503921.98 | 3635725.90 | 55.45094 | (20071102) |
| 503971.98 | 3635725.90 | 44.21856 | (20071102) | 504021.98 | 3635725.90 | 37.71165 | (21010222) |
| 504071.98 | 3635725.90 | 40.43343 | (19122420) | 504121.98 | 3635725.90 | 18.17874 | (21041323) |
| 504171.98 | 3635725.90 | 16.88291 | (21041323) | 504221.98 | 3635725.90 | 39.92281 | (20092001) |
| 504271.98 | 3635725.90 | 41.12191 | (20092001) | 504321.98 | 3635725.90 | 20.73043 | (21013118) |
| 504371.98 | 3635725.90 | 23.76857 | (21013118) | 504421.98 | 3635725.90 | 24.38940 | (21013118) |
| 504471.98 | 3635725.90 | 22.48497 | (21013118) | 504521.98 | 3635725.90 | 19.68298 | (21013118) |
| 504571.98 | 3635725.90 | 14.24252 | (21013118) | 504621.98 | 3635725.90 | 9.93258 | (21013118) |
| 504671.98 | 3635725.90 | 12.54078 | (19022602) | 504721.98 | 3635725.90 | 6.93126 | (21032918) |
| 504771.98 | 3635725.90 | 8.37527 | (20040223) | 504821.98 | | | |

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3635725.90       14.42362  (21121422)
        504871.98   3635725.90       11.37869  (20040223)                504921.98
3635725.90       13.47369  (20011620)
        504971.98   3635725.90       25.63736  (21061321)                505021.98
3635725.90       30.03245  (21090701)
        505071.98   3635725.90       30.64074  (21090701)                505121.98
3635725.90       34.95508  (21090701)
        505171.98   3635725.90       32.53320  (21081602)                505221.98
3635725.90       34.07154  (21122618)
        502221.98   3635775.90       31.21365  (21012023)                502271.98
3635775.90       26.74623  (21072005)
        502321.98   3635775.90       27.48184  (20121101)                502371.98
3635775.90       29.29432  (21110406)
        502421.98   3635775.90       30.75059  (20070801)                502471.98
3635775.90       31.30261  (20070801)
        502521.98   3635775.90       29.20735  (20070801)                502571.98
3635775.90       32.49893  (20070802)
        502621.98   3635775.90       36.35226  (20070802)                502671.98
3635775.90       36.48742  (20070802)
        502721.98   3635775.90       37.12719  (20111121)                502771.98
3635775.90       39.79707  (19091321)
        502821.98   3635775.90       41.08234  (19091321)                502871.98
3635775.90       39.57547  (20042421)
        502921.98   3635775.90       42.11458  (19121706)                502971.98
3635775.90       45.79933  (19121706)
        503021.98   3635775.90       41.75727  (19121706)                503071.98
3635775.90       36.28663  (21100523)
        503121.98   3635775.90       37.98316  (21100523)                503171.98
3635775.90       39.91872  (21021621)
        503221.98   3635775.90       42.50063  (21021621)                503271.98
3635775.90       42.22778  (21112718)
        503321.98   3635775.90       44.05960  (19050823)                503371.98
3635775.90       44.53653  (19050823)
        503421.98   3635775.90       42.27316  (21100603)                503471.98
3635775.90       45.93635  (20101023)
        503521.98   3635775.90       52.87601  (20120224)                503571.98
3635775.90       53.52235  (20120224)
        503621.98   3635775.90       49.03768  (20090823)                503671.98
3635775.90       49.95980  (20090823)
        503721.98   3635775.90       56.78503  (21081004)                503771.98
3635775.90       52.71316  (19102619)
        503821.98   3635775.90       57.66176  (19101219)                503871.98
3635775.90       52.42752  (19021305)
        503921.98   3635775.90       55.80203  (20071102)                503971.98
3635775.90       45.38553  (20071102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER  ***
INCLUDING SOURCE(S):  L0000928  , L0000929 , L0000930  , L0000931  , L0000932  ,
L0000933  , L0000934  , L0000935  , L0000936  , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 37.75972 | (21061222) | 504071.98 | 3635775.90 | 45.86430 | (19013104) |
| 504121.98 | 3635775.90 | 50.38099 | (19122420) | 504171.98 | 3635775.90 | 46.60399 | (19122420) |
| 504221.98 | 3635775.90 | 41.49713 | (20092001) | 504271.98 | 3635775.90 | 45.70443 | (20092001) |
| 504321.98 | 3635775.90 | 37.62594 | (21060422) | 504371.98 | 3635775.90 | 21.93399 | (21013118) |
| 504421.98 | 3635775.90 | 23.29913 | (21013118) | 504471.98 | 3635775.90 | 25.39307 | (21013118) |
| 504521.98 | 3635775.90 | 33.10292 | (20121721) | 504571.98 | 3635775.90 | 15.35559 | (21013118) |
| 504621.98 | 3635775.90 | 16.45977 | (20092821) | 504671.98 | 3635775.90 | 7.54171 | (21013118) |
| 504721.98 | 3635775.90 | 6.76977 | (19031219) | 504771.98 | 3635775.90 | 6.91707 | (20040223) |
| 504821.98 | 3635775.90 | 8.50769 | (20040223) | 504871.98 | 3635775.90 | 9.96357 | (20040223) |
| 504921.98 | 3635775.90 | 11.15095 | (20011620) | 504971.98 | 3635775.90 | 25.59871 | (21061321) |
| 505021.98 | 3635775.90 | 25.80874 | (21061321) | 505071.98 | 3635775.90 | 27.45372 | (21090701) |
| 505121.98 | 3635775.90 | 32.29578 | (21090701) | 505171.98 | 3635775.90 | 32.50665 | (21090701) |
| 505221.98 | 3635775.90 | 30.88373 | (21081602) | 502221.98 | 3635825.90 | 26.31078 | (21012023) |
| 502271.98 | 3635825.90 | 27.54044 | (20122721) | 502321.98 | 3635825.90 | 28.74815 | (20122721) |
| 502371.98 | 3635825.90 | 29.46569 | (20070801) | 502421.98 | 3635825.90 | 29.65368 | (20070801) |

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        502471.98   3635825.90       27.81112  (19031105)              502521.98
3635825.90       30.29004  (20070802)
        502571.98   3635825.90       34.28494  (20070802)              502621.98
3635825.90       34.90609  (20070802)
        502671.98   3635825.90       34.99408  (21121424)              502721.98
3635825.90       36.57559  (19091321)
        502771.98   3635825.90       39.80547  (19091321)              502821.98
3635825.90       38.93986  (19071423)
        502871.98   3635825.90       40.90361  (20042421)              502921.98
3635825.90       43.65341  (19121706)
        502971.98   3635825.90       42.13350  (19121706)              503021.98
3635825.90       34.93825  (20112321)
        503071.98   3635825.90       37.66150  (21100523)              503121.98
3635825.90       36.75589  (20070104)
        503171.98   3635825.90       40.59496  (21021621)              503221.98
3635825.90       39.71839  (21112718)
        503271.98   3635825.90       39.41727  (21112718)              503321.98
3635825.90       44.31240  (19050823)
        503371.98   3635825.90       41.57925  (19050823)              503421.98
3635825.90       43.40074  (21100603)
        503471.98   3635825.90       41.51306  (20120224)              503521.98
3635825.90       51.72378  (20120224)
        503571.98   3635825.90       49.44231  (20120224)              503621.98
3635825.90       47.00115  (19072124)
        503671.98   3635825.90       48.01851  (21021806)              503721.98
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        503771.98   3635825.90       51.01505  (19101219)              503821.98
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        503871.98   3635825.90       49.76387  (19021305)              503921.98
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        503971.98   3635825.90       42.91206  (20071102)              504021.98
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        504071.98   3635825.90       49.56423  (19013104)              504121.98
3635825.90       58.19139  (19122420)
        504171.98   3635825.90       52.94653  (19122420)              504221.98
3635825.90       44.72291  (21062624)
        504271.98   3635825.90       52.23889  (20092001)              504321.98
3635825.90       42.90622  (20092001)
        504371.98   3635825.90       39.51018  (21060422)              504421.98
3635825.90       33.76153  (21013118)
        504471.98   3635825.90       34.16515  (21013118)              504521.98
3635825.90       38.63367  (20121721)
        504571.98   3635825.90       38.11686  (20121721)              504621.98
3635825.90       34.33344  (20092821)
        504671.98   3635825.90       12.78873  (19022602)              504721.98
3635825.90        6.59835  (19031219)
        504771.98   3635825.90        6.29461  (19031219)              504821.98
3635825.90        8.34120  (21121422)
        504871.98   3635825.90       21.73514  (21121422)              504921.98
3635825.90       13.97327  (21121422)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 24.04905 | (21121422) | 505021.98 | 3635825.90 | 23.79537 | (21061321) |
| 505071.98 | 3635825.90 | 24.03466 | (21090701) | 505121.98 | 3635825.90 | 28.38668 | (21090701) |
| 505171.98 | 3635825.90 | 31.83923 | (21090701) | 505221.98 | 3635825.90 | 31.40636 | (21090701) |
| 502221.98 | 3635875.90 | 29.46402 | (20122721) | 502271.98 | 3635875.90 | 28.80732 | (20122721) |
| 502321.98 | 3635875.90 | 27.73756 | (20122721) | 502371.98 | 3635875.90 | 28.41589 | (20070801) |
| 502421.98 | 3635875.90 | 27.03868 | (19031105) | 502471.98 | 3635875.90 | 28.53329 | (20070802) |
| 502521.98 | 3635875.90 | 31.72452 | (20070802) | 502571.98 | 3635875.90 | 32.89359 | (20070802) |
| 502621.98 | 3635875.90 | 34.50304 | (21121424) | 502671.98 | 3635875.90 | 34.96567 | (21121424) |
| 502721.98 | 3635875.90 | 36.74825 | (19091321) | 502771.98 | 3635875.90 | 37.27738 | (19071423) |
| 502821.98 | 3635875.90 | 38.59453 | (20042421) | 502871.98 | 3635875.90 | 39.39004 | (19121706) |
| 502921.98 | 3635875.90 | 42.20006 | (19121706) | 502971.98 | 3635875.90 | 36.00474 | (19121706) |
| 503021.98 | 3635875.90 | 35.35333 | (21100523) | 503071.98 | 3635875.90 | 36.16179 | (21100523) |
| 503121.98 | 3635875.90 | 38.04723 | (21021621) | 503171.98 | | | |

3635875.90 39.09745 (21021621)
503221.98 3635875.90 38.76298 (21112718) 503271.98
3635875.90 39.59368 (19050823)
503321.98 3635875.90 42.51060 (19050823) 503371.98
3635875.90 41.19119 (21100603)
503421.98 3635875.90 42.27627 (21100603) 503471.98
3635875.90 43.75211 (20120224)
503521.98 3635875.90 46.77265 (20120224) 503571.98
3635875.90 47.47069 (19072124)
503621.98 3635875.90 43.41343 (19072124) 503671.98
3635875.90 45.97757 (21021806)
503721.98 3635875.90 48.66826 (21081004) 503771.98
3635875.90 48.66005 (19101219)
503821.98 3635875.90 50.01697 (19101219) 503871.98
3635875.90 46.61411 (21012024)
503921.98 3635875.90 48.87617 (20071102) 503971.98
3635875.90 40.63298 (20071102)
504021.98 3635875.90 41.08642 (21061222) 504071.98
3635875.90 46.43576 (19013104)
504121.98 3635875.90 54.90358 (19122420) 504171.98
3635875.90 56.54033 (19122420)
504221.98 3635875.90 49.49415 (21062624) 504271.98
3635875.90 52.27213 (20092001)
504321.98 3635875.90 49.43872 (20092001) 504371.98
3635875.90 47.56722 (21060422)
504421.98 3635875.90 41.93501 (21060422) 504471.98
3635875.90 35.30162 (21013118)
504521.98 3635875.90 36.00592 (19012903) 504571.98
3635875.90 39.55602 (20121721)
504621.98 3635875.90 37.21464 (20121721) 504671.98
3635875.90 33.10072 (20092821)
504721.98 3635875.90 6.63252 (21013118) 504771.98
3635875.90 6.18447 (19031219)
504821.98 3635875.90 12.71276 (21121422) 504871.98
3635875.90 15.94777 (21121422)
504921.98 3635875.90 20.07161 (21121422) 504971.98
3635875.90 28.31146 (21121422)
505021.98 3635875.90 21.91486 (21061321) 505071.98
3635875.90 21.60000 (21061321)
505121.98 3635875.90 23.78101 (21090701) 505171.98
3635875.90 28.41347 (21090701)
505221.98 3635875.90 31.20764 (21090701) 502221.98
3635925.90 31.05698 (20122721)
502271.98 3635925.90 28.19899 (20122721) 502321.98
3635925.90 26.25212 (19031105)
502371.98 3635925.90 25.72653 (19031105) 502421.98
3635925.90 26.74958 (20070802)
502471.98 3635925.90 30.19326 (20070802) 502521.98
3635925.90 30.12685 (20070802)
502571.98 3635925.90 33.28967 (21121424) 502621.98

3635925.90  34.46774  (21121424)
  502671.98  3635925.90  33.00364  (19091321)  502721.98
3635925.90  34.03008  (19071423)
  502771.98  3635925.90  35.92468  (20042421)  502821.98
3635925.90  37.09724  (20042421)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 39.48689 | (19121706) | 502921.98 | 3635925.90 | 37.37539 | (19121706) |
| 502971.98 | 3635925.90 | 31.58223 | (21100523) | 503021.98 | 3635925.90 | 35.08808 | (21100523) |
| 503071.98 | 3635925.90 | 34.47825 | (20070104) | 503121.98 | 3635925.90 | 38.04337 | (21021621) |
| 503171.98 | 3635925.90 | 36.43818 | (21112718) | 503221.98 | 3635925.90 | 36.75673 | (21112718) |
| 503271.98 | 3635925.90 | 40.32471 | (19050823) | 503321.98 | 3635925.90 | 40.11147 | (19050823) |
| 503371.98 | 3635925.90 | 41.18940 | (21100603) | 503421.98 | 3635925.90 | 40.08465 | (21100603) |
| 503471.98 | 3635925.90 | 43.66420 | (20120224) | 503521.98 | 3635925.90 | 44.70354 | (20120224) |
| 503571.98 | 3635925.90 | 45.75915 | (19072124) | 503621.98 | 3635925.90 | 42.00826 | (21021806) |
| 503671.98 | 3635925.90 | 43.95912 | (21021806) | 503721.98 | 3635925.90 | 43.56295 | (21081004) |
| 503771.98 | 3635925.90 | 43.96456 | (19101219) | 503821.98 | 3635925.90 | 45.30881 | (19101219) |

503871.98 3635925.90 44.63321 (21012024) 503921.98
3635925.90 46.53571 (20071102)
503971.98 3635925.90 38.32659 (20071102) 504021.98
3635925.90 38.05643 (21061222)
504071.98 3635925.90 43.68450 (21061222) 504121.98
3635925.90 50.62416 (19122420)
504171.98 3635925.90 54.22591 (19122420) 504221.98
3635925.90 45.09906 (21062624)
504271.98 3635925.90 47.70374 (20092001) 504321.98
3635925.90 49.99088 (20092001)
504371.98 3635925.90 48.71083 (21060422) 504421.98
3635925.90 47.30662 (21060422)
504471.98 3635925.90 40.79608 (21070824) 504521.98
3635925.90 40.83641 (19012903)
504571.98 3635925.90 39.88573 (20121721) 504621.98
3635925.90 37.03698 (20121721)
504671.98 3635925.90 34.41148 (20092821) 504721.98
3635925.90 30.38049 (20092821)
504771.98 3635925.90 24.47887 (19022602) 504821.98
3635925.90 5.77843 (19031219)
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3635925.90 12.55827 (21121422)
504971.98 3635925.90 30.90182 (21121422) 505021.98
3635925.90 26.46697 (21121422)
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3635925.90 22.53435 (21061321)
505171.98 3635925.90 24.15180 (21090701) 505221.98
3635925.90 31.21112 (21090701)
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502321.98 3635975.90 26.76614 (19031105) 502371.98
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502421.98 3635975.90 27.98148 (20070802) 502471.98
3635975.90 29.21192 (20070802)
502521.98 3635975.90 32.09529 (21121424) 502571.98
3635975.90 32.94096 (21121424)
502621.98 3635975.90 31.42222 (21121424) 502671.98
3635975.90 30.82516 (19091321)
502721.98 3635975.90 31.35042 (19071423) 502771.98
3635975.90 35.11130 (20042421)
502821.98 3635975.90 38.12004 (19121706) 502871.98
3635975.90 36.96414 (19121706)
502921.98 3635975.90 30.73499 (19121706) 502971.98
3635975.90 32.25001 (21100523)
503021.98 3635975.90 33.17880 (21100523) 503071.98
3635975.90 35.49275 (21021621)
503121.98 3635975.90 36.38414 (21021621) 503171.98
3635975.90 35.99334 (21112718)
503221.98 3635975.90 35.63368 (19050823) 503271.98
3635975.90 39.64567 (19050823)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 41.86843 | (21041324) | 503871.98 | 3635975.90 | 43.19270 | (21012024) |
| 503921.98 | 3635975.90 | 44.09337 | (20071102) | 503971.98 | 3635975.90 | 36.58248 | (20071102) |
| 504021.98 | 3635975.90 | 33.90967 | (21061222) | 504071.98 | 3635975.90 | 38.31555 | (19013104) |
| 504121.98 | 3635975.90 | 44.52498 | (19122420) | 504171.98 | 3635975.90 | 48.09170 | (19122420) |
| 504221.98 | 3635975.90 | 40.85400 | (19122420) | 504271.98 | 3635975.90 | 41.24810 | (20092001) |
| 504321.98 | 3635975.90 | 45.54250 | (20092001) | 504371.98 | 3635975.90 | 41.77318 | (21060422) |
| 504421.98 | 3635975.90 | 44.02033 | (21060422) | 504471.98 | 3635975.90 | 39.50988 | (21013118) |
| 504521.98 | 3635975.90 | 39.86496 | (19012903) | 504571.98 | | | |

3635975.90 42.95980 (19012903)
504621.98 3635975.90 47.27815 (20121721) 504671.98
3635975.90 42.64959 (20121721)
504721.98 3635975.90 39.63722 (20092821) 504771.98
3635975.90 30.73243 (20092821)
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3635975.90 28.82800 (19022602)
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3635975.90 31.49996 (21121422)
505021.98 3635975.90 29.35828 (21121422) 505071.98
3635975.90 23.64223 (21121422)
505121.98 3635975.90 23.58760 (21061321) 505171.98
3635975.90 22.56616 (21061321)
505221.98 3635975.90 24.27283 (21090701) 501721.98
3632475.90 3.93911 (19010119)
501821.98 3632475.90 3.66842 (19010119) 501921.98
3632475.90 3.27171 (19010119)
502021.98 3632475.90 2.78768 (19010119) 502121.98
3632475.90 4.27174 (21030103)
502221.98 3632475.90 6.28522 (21030103) 502321.98
3632475.90 8.41819 (21030103)
502421.98 3632475.90 10.09657 (21030103) 502521.98
3632475.90 10.68136 (21030103)
502621.98 3632475.90 13.78852 (20121603) 502721.98
3632475.90 16.00816 (20121603)
502821.98 3632475.90 15.24307 (20121603) 502921.98
3632475.90 24.58422 (20092124)
503021.98 3632475.90 27.27440 (20092124) 503121.98
3632475.90 26.17489 (20082723)
503221.98 3632475.90 28.93341 (20082723) 503321.98
3632475.90 29.89028 (19081924)
503421.98 3632475.90 35.05842 (19081924) 503721.98
3632475.90 34.81477 (20050102)
503821.98 3632475.90 36.69080 (21020203) 503921.98
3632475.90 26.96668 (20032924)
504021.98 3632475.90 32.38715 (20082921) 504121.98
3632475.90 26.20769 (20081802)
504221.98 3632475.90 30.98881 (20022622) 504321.98
3632475.90 30.28046 (21011302)
504421.98 3632475.90 28.29939 (19102905) 504521.98
3632475.90 29.48886 (20022403)
504621.98 3632475.90 29.19463 (21011620) 504721.98
3632475.90 26.02020 (21013021)
504821.98 3632475.90 26.97599 (21120723) 504921.98
3632475.90 25.97612 (20112022)
505021.98 3632475.90 25.97893 (21011323) 505121.98
3632475.90 24.78214 (20011902)
505221.98 3632475.90 24.30328 (19022705) 505321.98
3632475.90 23.26202 (20121007)
505421.98 3632475.90 22.22491 (21011520) 505521.98

3632475.90       21.45681  (21010522)
        505621.98   3632475.90       21.01379  (20122923)                505721.98
3632475.90       20.12301  (21010401)
        501721.98   3632575.90        4.40748  (19010119)                501821.98
3632575.90        4.31146  (19010119)
        501921.98   3632575.90        4.04397  (19010119)                502021.98
3632575.90        3.62325  (19010119)
        502121.98   3632575.90        3.08956  (19010119)                502221.98
3632575.90        4.78461  (21030103)
        502321.98   3632575.90        7.07493  (21030103)                502421.98
3632575.90        9.43601  (21030103)
        502521.98   3632575.90       11.14675  (21030103)                502621.98
3632575.90       11.95959  (20121603)
        502721.98   3632575.90       15.92431  (20121603)                502821.98
3632575.90       17.39130  (20121603)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER    ***
                                 INCLUDING SOURCE(S):     L0000928    , L0000929 , L0000930    , L0000931    , L0000932    ,
                 L0000933    , L0000934    , L0000935    , L0000936    , L0000937 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

504121.98 3632575.90 29.55766 (20082519) 504221.98 3632575.90 33.99884 (20022622)
504321.98 3632575.90 32.74662 (21011302) 504421.98 3632575.90 31.49961 (21022205)
504521.98 3632575.90 32.07111 (20022403) 504621.98 3632575.90 29.85634 (20052501)
504721.98 3632575.90 29.69059 (20042404) 504821.98 3632575.90 28.61970 (20101423)
504921.98 3632575.90 27.88771 (21022020) 505021.98 3632575.90 27.29837 (21010102)
505121.98 3632575.90 26.09606 (21022803) 505221.98 3632575.90 25.76241 (21021820)
505321.98 3632575.90 25.00010 (21011520) 505421.98 3632575.90 23.66870 (21010522)
505521.98 3632575.90 22.77972 (20122923) 505621.98 3632575.90 21.55323 (21010401)
505721.98 3632575.90 21.31679 (21022502) 501721.98 3632675.90 4.85128 (21111004)
501821.98 3632675.90 4.78267 (19010119) 501921.98 3632675.90 4.73039 (19010119)
502021.98 3632675.90 4.47664 (19010119) 502121.98 3632675.90 4.03072 (19010119)
502221.98 3632675.90 3.44025 (19010119) 502321.98 3632675.90 5.38878 (21030103)
502421.98 3632675.90 8.00699 (21030103) 502521.98 3632675.90 10.61834 (21030103)
502621.98 3632675.90 12.31206 (21030103) 502721.98 3632675.90 14.35981 (20121603)
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504221.98 3632675.90 35.03533 (20022622) 504321.98 3632675.90 32.31314 (21011302)
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505421.98 3632675.90 24.64944 (20122923) 505521.98 3632675.90 23.17233 (20100121)

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        505621.98   3632675.90       22.98783  (21022502)               505721.98
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        502421.98   3632775.90        6.10252  (21030103)               502521.98
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        502621.98   3632775.90       20.76095  (20122620)               502721.98
3632775.90       13.59465  (21030103)
        502821.98   3632775.90       26.66317  (21031822)               502921.98
3632775.90       36.64725  (20121603)
        503021.98   3632775.90       32.62701  (20090724)               503121.98
3632775.90       43.08435  (20090205)
        503221.98   3632775.90       34.70352  (20090205)               503621.98
3632775.90       47.15458  (19110606)
        503721.98   3632775.90       35.79988  (19101521)               503821.98
3632775.90       37.65837  (20050102)
        503921.98   3632775.90       34.19238  (20032924)               504021.98
3632775.90       37.48641  (20082921)
        504121.98   3632775.90       36.51993  (20082519)               504221.98
3632775.90       38.68408  (21013120)
        504321.98   3632775.90       33.88214  (19102905)               504421.98
3632775.90       37.61619  (20022403)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 631
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3632775.90       36.25569  (21011620)               504621.98
3632775.90       34.71071  (20042404)
        504721.98   3632775.90       33.58298  (20101423)               504821.98
3632775.90       32.88446  (21011323)
        504921.98   3632775.90       31.58466  (21010102)               505021.98
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3632775.90       30.67978  (19022705)
        505121.98   3632775.90       28.95308  (20121007)                505221.98
3632775.90       27.62928  (21010522)
        505321.98   3632775.90       26.58868  (20122923)                505421.98
3632775.90       25.12131  (20100121)
        505521.98   3632775.90       24.87251  (21022502)                505621.98
3632775.90       23.09115  (20021702)
        505721.98   3632775.90       23.30150  (20020804)                501721.98
3632875.90        7.09788  (21111004)
        501821.98   3632875.90        6.92903  (21111004)                501921.98
3632875.90        6.44834  (21111004)
        502021.98   3632875.90        5.68226  (21111004)                502121.98
3632875.90        5.74102  (19010119)
        502221.98   3632875.90        5.54148  (19010119)                502321.98
3632875.90        5.06104  (19010119)
        502421.98   3632875.90        4.34501  (19010119)                502521.98
3632875.90        6.96852  (21030103)
        502621.98   3632875.90       10.44880  (21030103)                502721.98
3632875.90       13.60810  (21030103)
        502821.98   3632875.90       26.50511  (21030103)                502921.98
3632875.90       32.57503  (20121603)
        503021.98   3632875.90       29.04642  (20121603)                503121.98
3632875.90       36.10774  (20090205)
        503221.98   3632875.90       42.84039  (20092124)                503321.98
3632875.90       39.64274  (20102407)
        503421.98   3632875.90       43.70514  (20111701)                503621.98
3632875.90       50.97174  (19110606)
        503721.98   3632875.90       41.97494  (19101521)                503821.98
3632875.90       41.30094  (20050102)
        503921.98   3632875.90       39.59583  (20032924)                504021.98
3632875.90       37.55032  (20110207)
        504121.98   3632875.90       40.37281  (20082519)                504221.98
3632875.90       43.33754  (21013120)
        504321.98   3632875.90       39.96308  (19102905)                504421.98
3632875.90       41.68039  (20022403)
        504521.98   3632875.90       39.15896  (21013021)                504621.98
3632875.90       38.09385  (21120723)
        504721.98   3632875.90       35.29297  (20112022)                504821.98
3632875.90       34.60379  (21120804)
        504921.98   3632875.90       32.86102  (21022803)                505021.98
3632875.90       31.85437  (20121007)
        505121.98   3632875.90       30.34642  (19121906)                505221.98
3632875.90       28.98281  (19122301)
        505321.98   3632875.90       27.22848  (20100121)                505421.98
3632875.90       27.02911  (21022502)
        505521.98   3632875.90       25.66612  (20021702)                505621.98
3632875.90       25.08032  (20020804)
        505721.98   3632875.90       23.87703  (21012402)                501721.98
3632975.90        7.46033  (21111004)
        501821.98   3632975.90        7.79298  (21111004)                501921.98
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3632975.90        7.79750  (21111004)
        502021.98   3632975.90        7.42617  (21111004)                502121.98
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        505321.98   3632975.90       29.47113  (21022502)                505421.98
3632975.90       28.46690  (20021702)
        505521.98   3632975.90       26.82171  (20020804)                505621.98
3632975.90       25.81035  (21012402)
        505721.98   3632975.90       24.76897  (20022406)                501721.98
3633075.90        7.06030  (21111004)
        501821.98   3633075.90        7.87947  (21111004)                501921.98
3633075.90        8.47513  (21111004)
        502021.98   3633075.90        8.72130  (21111004)                502121.98
3633075.90        8.53129  (21111004)
        505321.98   3633075.90       31.59433  (20021702)                505421.98
3633075.90       28.83111  (20011323)
        505521.98   3633075.90       27.21628  (21012402)                505621.98
3633075.90       26.65012  (20022406)
        505721.98   3633075.90       24.78228  (21121121)                501721.98
3633175.90        5.96832  (21111004)
        501821.98   3633175.90        7.10505  (21111004)                501921.98
3633175.90        8.19327  (21111004)
        502021.98   3633175.90        9.10506  (21111004)                502121.98
3633175.90        9.66254  (21111004)
        505321.98   3633175.90       31.94682  (20011323)                505421.98
3633175.90       30.26960  (20121620)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

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        505521.98   3633175.90       28.23330  (19010903)                505621.98
3633175.90       26.47121  (21120121)
        505721.98   3633175.90       25.40727  (21021801)                501721.98
3633275.90        5.42514  (21012320)
        501821.98   3633275.90        5.66161  (21111004)                501921.98
3633275.90        6.98344  (21111004)
        502021.98   3633275.90        8.35524  (21111004)                502121.98
3633275.90        9.61674  (21111004)
        505321.98   3633275.90       33.94969  (20022406)                505421.98
3633275.90       30.82529  (21121121)
        505521.98   3633275.90       29.30906  (21120121)                505621.98
3633275.90       27.44323  (21011022)
        505721.98   3633275.90       26.22317  (21122302)                501721.98
3633375.90        8.59203  (21012320)
        501821.98   3633375.90        7.70726  (21012320)                501921.98
3633375.90        6.63385  (21012320)
        502021.98   3633375.90        6.64755  (21111004)                502121.98
3633375.90        8.28299  (21111004)
        505321.98   3633375.90       33.95090  (21121121)                505421.98
3633375.90       32.15478  (21021801)
        505521.98   3633375.90       30.17782  (20021024)                505621.98
3633375.90       28.96857  (21122302)
        505721.98   3633375.90       27.76220  (21010408)                501721.98
3633475.90       11.46689  (21012320)
        501821.98   3633475.90       11.16911  (21012320)                501921.98
3633475.90       10.53325  (21012320)
        502021.98   3633475.90        9.54758  (21012320)                502121.98
3633475.90        8.25113  (21012320)
        505321.98   3633475.90       35.23085  (21011022)                505421.98
3633475.90       34.68003  (21122302)
        505521.98   3633475.90       32.07585  (21010408)                505621.98
3633475.90       29.72652  (21011720)
        505721.98   3633475.90       27.44564  (21011221)                501721.98
3633575.90       12.71499  (21012320)
        501821.98   3633575.90       13.36270  (21012320)                501921.98
3633575.90       13.68740  (21012320)
        502021.98   3633575.90       13.60231  (21012320)                502121.98
3633575.90       13.11531  (21012320)
        505321.98   3633575.90       36.96518  (21010408)                505421.98
3633575.90       35.10885  (21011720)
        505521.98   3633575.90       32.37912  (20121406)                505621.98
3633575.90       29.63057  (20021305)
        505721.98   3633575.90       28.66927  (20021723)                501721.98
3633675.90       11.58865  (21012320)
        501821.98   3633675.90       13.00210  (21012320)                501921.98
3633675.90       14.36780  (21012320)
        502021.98   3633675.90       15.54972  (21012320)                502121.98
3633675.90       16.44144  (21012320)
        505321.98   3633675.90       38.66667  (20121406)                505421.98
3633675.90       35.28019  (20021305)
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        505521.98   3633675.90       33.60759  (19011606)                505621.98
3633675.90       30.65611  (19011606)
        505721.98   3633675.90       29.69689  (19121305)                501721.98
3633775.90        8.58851  (21012320)
        501821.98   3633775.90       10.20087  (21012320)                501921.98
3633775.90       12.00458  (21012320)
        502021.98   3633775.90       13.95410  (21012320)                502121.98
3633775.90       15.95347  (21012320)
        505321.98   3633775.90       40.33492  (19011606)                505421.98
3633775.90       35.82047  (20012223)
        505521.98   3633775.90       33.06111  (21022322)                505621.98
3633775.90       31.25835  (19011923)
        505721.98   3633775.90       29.05087  (19012803)                501721.98
3633875.90        9.71807  (19083104)
        501821.98   3633875.90        9.87039  (19083104)                501921.98
3633875.90        9.89678  (19083104)
        502021.98   3633875.90        9.86472  (19083104)                502121.98
3633875.90       11.88799  (21012320)
        505321.98   3633875.90       39.81670  (19011923)                505421.98
3633875.90       36.53950  (19012803)
        505521.98   3633875.90       33.99464  (21121821)                505621.98
3633875.90       31.58342  (20121224)
        505721.98   3633875.90       29.47581  (20020703)                501721.98
3633975.90       11.03425  (19083104)
        501821.98   3633975.90       11.68823  (19083104)                501921.98
3633975.90       12.33164  (19083104)
        502021.98   3633975.90       12.93808  (19083104)                502121.98
3633975.90       13.50550  (19083104)
        505321.98   3633975.90       39.58704  (20121224)                505421.98
3633975.90       36.34130  (20020703)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 633
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
                                  INCLUDING SOURCE(S):     L0000928    , L0000929
, L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 33.09895 | (21022324) | 505621.98 | 3633975.90 | 31.01294 | (20122520) |
| 505721.98 | 3633975.90 | 30.46746 | (21122121) | 501721.98 | 3634075.90 | 10.13330 | (19083104) |
| 501821.98 | 3634075.90 | 11.06839 | (19083104) | 501921.98 | 3634075.90 | 12.08813 | (19083104) |
| 502021.98 | 3634075.90 | 13.19387 | (19083104) | 502121.98 | 3634075.90 | 14.38582 | (19083104) |
| 505321.98 | 3634075.90 | 40.95396 | (20121803) | 505421.98 | 3634075.90 | 38.24246 | (20121803) |
| 505521.98 | 3634075.90 | 34.87723 | (21122201) | 505621.98 | 3634075.90 | 33.05372 | (21122201) |
| 505721.98 | 3634075.90 | 30.36045 | (19021906) | 501721.98 | 3634175.90 | 8.11696 | (20022619) |
| 501821.98 | 3634175.90 | 8.61268 | (20022619) | 501921.98 | 3634175.90 | 9.27953 | (19083104) |
| 502021.98 | 3634175.90 | 10.31973 | (19083104) | 502121.98 | 3634175.90 | 11.57546 | (19083104) |
| 505321.98 | 3634175.90 | 40.39562 | (20013123) | 505421.98 | 3634175.90 | 38.56969 | (20013123) |
| 505521.98 | 3634175.90 | 36.72124 | (20013123) | 505621.98 | 3634175.90 | 32.30233 | (20013123) |
| 505721.98 | 3634175.90 | 29.04411 | (21121920) | 501721.98 | 3634275.90 | 9.33200 | (21021102) |
| 501821.98 | 3634275.90 | 9.93858 | (21021102) | 501921.98 | 3634275.90 | 10.60864 | (21021102) |
| 502021.98 | 3634275.90 | 11.34285 | (21021102) | 502121.98 | 3634275.90 | 12.17475 | (21021102) |
| 505321.98 | 3634275.90 | 43.47745 | (20092120) | 505421.98 | 3634275.90 | 41.90127 | (19122101) |
| 505521.98 | 3634275.90 | 35.30270 | (19122101) | 505621.98 | 3634275.90 | 32.60452 | (19122101) |
| 505721.98 | 3634275.90 | 30.21361 | (19122101) | 501721.98 | 3634375.90 | 13.14338 | (21021102) |
| 501821.98 | 3634375.90 | 14.11262 | (21021102) | 501921.98 | 3634375.90 | 15.12809 | (21021102) |
| 502021.98 | 3634375.90 | 16.29396 | (21021102) | 502121.98 | 3634375.90 | 17.67165 | (21021102) |
| 505321.98 | 3634375.90 | 43.36693 | (20082306) | 505421.98 | 3634375.90 | 39.69408 | (20082306) |
| 505521.98 | 3634375.90 | 32.67621 | (21101921) | 505621.98 | 3634375.90 | 30.75425 | (21101921) |
| 505721.98 | 3634375.90 | 28.88372 | (21101921) | 501721.98 | 3634475.90 | 14.00829 | (21021102) |
| 501821.98 | 3634475.90 | 14.86974 | (21021102) | 501921.98 | | | |

3634475.90       15.78771  (21021102)
        502021.98   3634475.90       16.80268  (21021102)                502121.98
3634475.90       17.84995  (21021102)
        505321.98   3634475.90       51.57114  (20041201)                505421.98
3634475.90       52.09545  (20041201)
        505521.98   3634475.90       43.42400  (20041201)                505621.98
3634475.90       34.14998  (20041201)
        505721.98   3634475.90       29.31649  (21013119)                501721.98
3634575.90       11.29425  (21021102)
        501821.98   3634575.90       11.62972  (21021102)                501921.98
3634575.90       11.95203  (21021102)
        502021.98   3634575.90       12.26274  (21021102)                502121.98
3634575.90       12.67048  (19101801)
        505321.98   3634575.90       44.84122  (20081806)                505421.98
3634575.90       44.59417  (20081806)
        505521.98   3634575.90       37.50325  (20081806)                505621.98
3634575.90       30.82921  (20041201)
        505721.98   3634575.90       26.08746  (21090306)                501721.98
3634675.90        9.47816  (19101801)
        501821.98   3634675.90       10.31725  (19050903)                501921.98
3634675.90       11.72950  (19050903)
        502021.98   3634675.90       13.31229  (19050903)                502121.98
3634675.90       14.98056  (19050903)
        505321.98   3634675.90       36.55690  (19022319)                505421.98
3634675.90       43.03531  (21032601)
        505521.98   3634675.90       44.33875  (21032601)                505621.98
3634675.90       41.24580  (20081806)
        505721.98   3634675.90       34.73161  (20081806)                501721.98
3634775.90       11.76351  (19050903)
        501821.98   3634775.90       12.89121  (19050903)                501921.98
3634775.90       13.98905  (19050903)
        502021.98   3634775.90       15.07848  (19050903)                502121.98
3634775.90       16.03549  (19050903)
        505321.98   3634775.90       34.95053  (19030607)                505421.98
3634775.90       39.95953  (20081401)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER    ***
                                   INCLUDING SOURCE(S):     L0000928    , L0000929 , L0000930    , L0000931    , L0000932    ,
                L0000933    , L0000934    , L0000935    , L0000936    , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 38.18448 | (20081401) | 505621.98 | 3634775.90 | 36.45396 | (19022319) |
| 505721.98 | 3634775.90 | 33.11477 | (19022319) | 501721.98 | 3634875.90 | 12.12369 | (19050903) |
| 501821.98 | 3634875.90 | 12.59079 | (19050903) | 501921.98 | 3634875.90 | 12.87760 | (19050903) |
| 502021.98 | 3634875.90 | 12.94387 | (19050903) | 502121.98 | 3634875.90 | 12.74639 | (19050903) |
| 505321.98 | 3634875.90 | 38.26544 | (20121617) | 505421.98 | 3634875.90 | 35.28226 | (19042006) |
| 505521.98 | 3634875.90 | 36.34642 | (19042006) | 505621.98 | 3634875.90 | 33.78784 | (20081401) |
| 505721.98 | 3634875.90 | 30.39134 | (20081401) | 501721.98 | 3634975.90 | 9.99527 | (19050903) |
| 501821.98 | 3634975.90 | 9.70968 | (19050903) | 501921.98 | 3634975.90 | 9.22626 | (19050903) |
| 502021.98 | 3634975.90 | 8.65869 | (19022707) | 502121.98 | 3634975.90 | 9.82469 | (19022707) |
| 505321.98 | 3634975.90 | 43.01963 | (20082106) | 505421.98 | 3634975.90 | 37.04803 | (19022007) |
| 505521.98 | 3634975.90 | 33.88536 | (19022007) | 505621.98 | 3634975.90 | 27.13149 | (19022007) |
| 505721.98 | 3634975.90 | 29.55285 | (19042006) | 501721.98 | 3635075.90 | 6.98475 | (19022707) |
| 501821.98 | 3635075.90 | 7.84718 | (19022707) | 501921.98 | 3635075.90 | 30.54096 | (21112918) |
| 502021.98 | 3635075.90 | 30.03593 | (21112918) | 502121.98 | 3635075.90 | 12.33624 | (20021724) |
| 505321.98 | 3635075.90 | 46.53956 | (20092620) | 505421.98 | 3635075.90 | 35.28649 | (21122806) |
| 505521.98 | 3635075.90 | 34.48146 | (20010802) | 505621.98 | 3635075.90 | 30.38557 | (19022007) |
| 505721.98 | 3635075.90 | 29.64589 | (19022007) | 501721.98 | 3635175.90 | 27.70234 | (21112918) |
| 501821.98 | 3635175.90 | 25.97328 | (21112918) | 501921.98 | 3635175.90 | 33.45279 | (19122123) |
| 502021.98 | 3635175.90 | 33.86753 | (20021924) | 502121.98 | 3635175.90 | 14.88681 | (21011719) |
| 505321.98 | 3635175.90 | 32.94008 | (19030707) | 505421.98 | 3635175.90 | 31.39239 | (19030707) |

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        505521.98   3635175.90       25.64396  (21122806)                505621.98
3635175.90       25.39580  (21122806)
        505721.98   3635175.90       27.52875  (20010802)                501721.98
3635275.90       31.14015  (20021924)
        501821.98   3635275.90       34.68856  (20021924)                501921.98
3635275.90       36.88477  (19012720)
        502021.98   3635275.90       35.83963  (19012720)                502121.98
3635275.90       38.83615  (21011719)
        505621.98   3635275.90       22.03674  (20011806)                505721.98
3635275.90       21.20033  (20011806)
        501721.98   3635375.90       29.75013  (19012720)                501821.98
3635375.90       31.00583  (19012720)
        501921.98   3635375.90       31.42967  (21011719)                502021.98
3635375.90       34.32242  (19111006)
        502121.98   3635375.90       31.20471  (21011719)                505621.98
3635375.90        8.72665  (21071520)
        501721.98   3635475.90       26.51081  (21011719)                501821.98
3635475.90       28.75254  (21011719)
        501921.98   3635475.90       31.13352  (19111006)                502021.98
3635475.90       31.21703  (21111519)
        502121.98   3635475.90       34.69848  (21052423)                505621.98
3635475.90        9.79872  (21071520)
        505721.98   3635475.90        8.49284  (21071520)                501721.98
3635575.90       24.01159  (21011719)
        501821.98   3635575.90       22.24599  (19111006)                501921.98
3635575.90       29.71288  (21052423)
        502021.98   3635575.90       30.48123  (21052423)                502121.98
3635575.90       30.81006  (19013101)
        505321.98   3635575.90       24.52813  (21012617)                505421.98
3635575.90       15.72920  (21012617)
        505521.98   3635575.90       12.49242  (21012617)                505621.98
3635575.90        9.76295  (21071520)
        505721.98   3635575.90        9.14312  (21071520)                501721.98
3635675.90       23.36820  (19120317)
        501821.98   3635675.90       25.09258  (19013101)                501921.98
3635675.90       29.12882  (19013101)
        502021.98   3635675.90       28.68192  (19013101)                502121.98
3635675.90       31.79753  (20122320)
        505321.98   3635675.90       30.01141  (21122618)                505421.98
3635675.90       16.05813  (21012617)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE 635
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ENTER    ***
```

INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 14.55005 | (21012617) | 505621.98 | 3635675.90 | 11.91170 | (21012617) |
| 505721.98 | 3635675.90 | 8.94819 | (21012617) | 501721.98 | 3635775.90 | 26.31978 | (19013101) |
| 501821.98 | 3635775.90 | 29.01750 | (19013101) | 501921.98 | 3635775.90 | 26.53954 | (20022207) |
| 502021.98 | 3635775.90 | 30.56971 | (20122320) | 502121.98 | 3635775.90 | 31.37259 | (21012023) |
| 505321.98 | 3635775.90 | 35.68695 | (21122618) | 505421.98 | 3635775.90 | 29.87324 | (21122618) |
| 505521.98 | 3635775.90 | 22.49047 | (20091421) | 505621.98 | 3635775.90 | 18.31492 | (19102623) |
| 505721.98 | 3635775.90 | 23.90947 | (19102623) | 501721.98 | 3635875.90 | 24.98261 | (19013101) |
| 501821.98 | 3635875.90 | 27.04045 | (20122320) | 501921.98 | 3635875.90 | 29.25269 | (20122320) |
| 502021.98 | 3635875.90 | 30.90255 | (21012023) | 502121.98 | 3635875.90 | 28.53198 | (21012023) |
| 505321.98 | 3635875.90 | 34.82633 | (21081602) | 505421.98 | 3635875.90 | 32.45320 | (21122618) |
| 505521.98 | 3635875.90 | 27.30670 | (21122618) | 505621.98 | 3635875.90 | 21.10500 | (20091421) |
| 505721.98 | 3635875.90 | 17.92428 | (19102623) | 501721.98 | 3635975.90 | 24.94776 | (20122320) |
| 501821.98 | 3635975.90 | 26.32860 | (20122320) | 501921.98 | 3635975.90 | 29.23527 | (21012023) |
| 502021.98 | 3635975.90 | 25.20834 | (21012023) | 502121.98 | 3635975.90 | 29.45735 | (20122721) |
| 505321.98 | 3635975.90 | 30.28356 | (21090701) | 505421.98 | 3635975.90 | 26.57200 | (21081602) |
| 505521.98 | 3635975.90 | 29.78903 | (21122618) | 505621.98 | 3635975.90 | 26.17706 | (21122618) |
| 505721.98 | 3635975.90 | 19.45587 | (20091421) | 501721.98 | 3636075.90 | 23.67346 | (21012023) |
| 501821.98 | 3636075.90 | 26.28826 | (21012023) | 501921.98 | | | |

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3636075.90       21.92133  (20031920)
        502021.98   3636075.90       28.21015  (20122721)                502121.98
3636075.90       28.83535  (20122721)
        502221.98   3636075.90       27.39523  (19031105)                502321.98
3636075.90       24.04560  (20040823)
        502421.98   3636075.90       29.34566  (21121424)                502521.98
3636075.90       31.07008  (21121424)
        502621.98   3636075.90       28.90311  (19112801)                502721.98
3636075.90       33.85120  (19121706)
        502821.98   3636075.90       33.37664  (19121706)                502921.98
3636075.90       30.15697  (21100523)
        503021.98   3636075.90       33.08511  (21021621)                503121.98
3636075.90       33.49643  (21112718)
        503221.98   3636075.90       36.75773  (19050823)                503321.98
3636075.90       36.92832  (21100603)
        503421.98   3636075.90       39.36369  (20120224)                503521.98
3636075.90       40.18969  (19072124)
        503621.98   3636075.90       40.19154  (21021806)                503721.98
3636075.90       33.44038  (19080922)
        503821.98   3636075.90       41.34869  (21041324)                503921.98
3636075.90       41.13980  (19072223)
        504021.98   3636075.90       33.24611  (19071923)                504121.98
3636075.90       42.81760  (19072224)
        504221.98   3636075.90       36.48692  (19122420)                504321.98
3636075.90       33.13680  (20092001)
        504421.98   3636075.90       33.17918  (21120218)                504521.98
3636075.90       42.04090  (21013118)
        504621.98   3636075.90       31.05289  (19111019)                504721.98
3636075.90       35.67334  (20092821)
        504821.98   3636075.90       33.53339  (21120219)                504921.98
3636075.90       33.48154  (19022602)
        505021.98   3636075.90       32.64702  (21121422)                505121.98
3636075.90       23.94789  (21121422)
        505221.98   3636075.90       21.22858  (21061321)                505321.98
3636075.90       24.91470  (21090701)
        505421.98   3636075.90       23.86866  (21090701)                505521.98
3636075.90       25.30160  (21081602)
        505621.98   3636075.90       28.98654  (21122618)                505721.98
3636075.90       23.70691  (21122618)
        501721.98   3636175.90       22.09316  (21012023)                501821.98
3636175.90       19.71019  (20031920)
        501921.98   3636175.90       26.58403  (20122721)                502021.98
3636175.90       26.60170  (20122721)
        502121.98   3636175.90       25.60123  (19031105)                502221.98
3636175.90       23.73794  (20112322)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ENTER  ***
INCLUDING SOURCE(S):  L0000928  , L0000929 , L0000930  , L0000931  , L0000932  ,
L0000933  , L0000934  , L0000935  , L0000936  , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 27.59186 | (21121424) | 502421.98 | 3636175.90 | 29.66816 | (21121424) |
| 502521.98 | 3636175.90 | 25.20716 | (19112801) | 502621.98 | 3636175.90 | 29.21370 | (19112801) |
| 502721.98 | 3636175.90 | 33.88039 | (19121706) | 502821.98 | 3636175.90 | 26.08613 | (21100523) |
| 502921.98 | 3636175.90 | 28.49803 | (20070104) | 503021.98 | 3636175.90 | 31.69117 | (21021621) |
| 503121.98 | 3636175.90 | 29.84192 | (19070523) | 503221.98 | 3636175.90 | 33.83318 | (19050823) |
| 503321.98 | 3636175.90 | 34.93792 | (21100603) | 503421.98 | 3636175.90 | 40.61389 | (20120224) |
| 503521.98 | 3636175.90 | 38.45854 | (19072124) | 503621.98 | 3636175.90 | 37.28345 | (21021806) |
| 503721.98 | 3636175.90 | 32.65065 | (19080922) | 503821.98 | 3636175.90 | 39.92442 | (21041324) |
| 503921.98 | 3636175.90 | 39.84312 | (19072223) | 504021.98 | 3636175.90 | 33.77374 | (19071923) |
| 504121.98 | 3636175.90 | 41.88432 | (19072224) | 504221.98 | 3636175.90 | 32.36602 | (19122420) |
| 504321.98 | 3636175.90 | 31.89105 | (19050321) | 504421.98 | 3636175.90 | 30.31100 | (21051124) |
| 504521.98 | 3636175.90 | 26.42097 | (21052005) | 504621.98 | 3636175.90 | 28.40694 | (21013118) |
| 504721.98 | 3636175.90 | 27.74942 | (20121721) | 504821.98 | 3636175.90 | 27.10802 | (20092821) |
| 504921.98 | 3636175.90 | 31.08164 | (19022602) | 505021.98 | 3636175.90 | 32.61666 | (20011818) |
| 505121.98 | 3636175.90 | 28.96118 | (21121422) | 505221.98 | 3636175.90 | 20.88439 | (21061321) |

505321.98 3636175.90 21.72604 (21061321) 505421.98 3636175.90 26.17257 (21090701)
505521.98 3636175.90 24.80168 (21090701) 505621.98 3636175.90 24.55633 (21122618)
505721.98 3636175.90 27.67004 (21122618) 501721.98 3636275.90 18.00711 (21040604)
501821.98 3636275.90 24.25022 (20122721) 501921.98 3636275.90 24.28554 (20122721)
502021.98 3636275.90 23.83619 (19031105) 502121.98 3636275.90 22.50809 (20112322)
502221.98 3636275.90 25.03961 (21121424) 502321.98 3636275.90 29.10074 (21121424)
502421.98 3636275.90 23.18722 (21121424) 502521.98 3636275.90 27.39350 (19112801)
502621.98 3636275.90 32.22887 (19121706) 502721.98 3636275.90 25.99472 (19121706)
502821.98 3636275.90 27.02524 (21100523) 502921.98 3636275.90 29.31048 (21021621)
503021.98 3636275.90 29.12907 (21112718) 503121.98 3636275.90 31.20381 (19050823)
503221.98 3636275.90 30.40628 (21100603) 503321.98 3636275.90 30.70340 (19080122)
503421.98 3636275.90 37.96083 (20120224) 503521.98 3636275.90 34.73280 (19072124)
503621.98 3636275.90 33.62372 (19051001) 503721.98 3636275.90 31.14510 (19080922)
503821.98 3636275.90 37.54932 (21041324) 503921.98 3636275.90 37.50885 (19072223)
504021.98 3636275.90 31.97326 (21031321) 504121.98 3636275.90 38.13054 (19072224)
504221.98 3636275.90 27.72709 (19070501) 504321.98 3636275.90 23.08994 (19061921)
504421.98 3636275.90 21.80952 (19050322) 504521.98 3636275.90 21.29741 (21052004)
504621.98 3636275.90 26.47117 (21013118) 504721.98 3636275.90 25.84297 (19111019)
504821.98 3636275.90 22.53936 (20050923) 504921.98 3636275.90 25.52970 (20102221)
505021.98 3636275.90 33.37655 (19022602) 505121.98 3636275.90 29.34011 (21121422)
505221.98 3636275.90 25.26801 (21121422) 505321.98 3636275.90 23.03405 (21061321)
505421.98 3636275.90 22.03648 (19010920) 505521.98 3636275.90 24.75457 (21090701)
505621.98 3636275.90 24.23442 (21090701) 505721.98 3636275.90 24.65362 (21122618)
501721.98 3636375.90 22.08168 (20122721) 501821.98 3636375.90 21.73748 (20122721)
501921.98 3636375.90 22.03104 (19031105) 502021.98 3636375.90 21.34827 (20112322)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ENTER ***
INCLUDING SOURCE(S): L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 22.39021 | (19122519) | 502221.98 | 3636375.90 | 28.03783 | (21121424) |
| 502321.98 | 3636375.90 | 23.70360 | (21121424) | 502421.98 | 3636375.90 | 25.97592 | (19112801) |
| 502521.98 | 3636375.90 | 28.97491 | (19121706) | 502621.98 | 3636375.90 | 28.05178 | (19121706) |
| 502721.98 | 3636375.90 | 24.56208 | (21100523) | 502821.98 | 3636375.90 | 25.81737 | (20070104) |
| 502921.98 | 3636375.90 | 27.83432 | (21021621) | 503021.98 | 3636375.90 | 26.72611 | (21112718) |
| 503121.98 | 3636375.90 | 29.69112 | (19050823) | 503221.98 | 3636375.90 | 29.61594 | (21100603) |
| 503321.98 | 3636375.90 | 27.93408 | (19080122) | 503421.98 | 3636375.90 | 32.66417 | (20120224) |
| 503521.98 | 3636375.90 | 29.83161 | (20052321) | 503621.98 | 3636375.90 | 31.71861 | (19051001) |
| 503721.98 | 3636375.90 | 29.16513 | (19051020) | 503821.98 | 3636375.90 | 34.95684 | (21041324) |
| 503921.98 | 3636375.90 | 34.17893 | (19072223) | 504021.98 | 3636375.90 | 29.37396 | (21031321) |
| 504121.98 | 3636375.90 | 33.10372 | (19072224) | 504221.98 | 3636375.90 | 23.94605 | (19072224) |
| 504321.98 | 3636375.90 | 21.92369 | (19061921) | 504421.98 | 3636375.90 | 20.37388 | (19061521) |
| 504521.98 | 3636375.90 | 19.93897 | (20031823) | 504621.98 | | | |

3636375.90 25.02336 (21013118)
504721.98 3636375.90 20.59945 (19100119) 504821.98
3636375.90 18.33227 (19080523)
504921.98 3636375.90 19.31790 (20102221) 505021.98
3636375.90 22.89046 (21033020)
505121.98 3636375.90 28.86839 (19022602) 505221.98
3636375.90 30.39948 (21121422)
505321.98 3636375.90 22.53849 (21121422) 505421.98
3636375.90 22.45609 (21061321)
505521.98 3636375.90 20.85373 (19010920) 505621.98
3636375.90 25.18693 (21090701)
505721.98 3636375.90 23.28619 (21090701) 501721.98
3636475.90 18.60484 (20122721)
501821.98 3636475.90 19.02945 (19031105) 501921.98
3636475.90 19.89469 (20112322)
502021.98 3636475.90 20.67916 (19122519) 502121.98
3636475.90 25.81831 (21121424)
502221.98 3636475.90 23.54518 (21121424) 502321.98
3636475.90 23.91858 (19112801)
502421.98 3636475.90 25.19890 (19121706) 502521.98
3636475.90 28.39594 (19121706)
502621.98 3636475.90 22.45767 (20040204) 502721.98
3636475.90 24.09886 (21100523)
502821.98 3636475.90 25.94359 (21021621) 502921.98
3636475.90 25.48768 (21112718)
503021.98 3636475.90 25.72615 (19050823) 503121.98
3636475.90 25.04487 (19050823)
503221.98 3636475.90 26.40499 (21100603) 503321.98
3636475.90 25.79956 (20120224)
503421.98 3636475.90 28.59035 (19072124) 503521.98
3636475.90 27.13807 (19081321)
503621.98 3636475.90 28.99004 (19051001) 503721.98
3636475.90 27.86425 (19051020)
503821.98 3636475.90 30.86872 (21041324) 503921.98
3636475.90 30.20853 (19072223)
504021.98 3636475.90 22.07215 (21031321) 504121.98
3636475.90 26.53282 (19072224)
504221.98 3636475.90 23.99968 (19072224) 504321.98
3636475.90 19.97785 (19061921)
504421.98 3636475.90 19.36159 (19061521) 504521.98
3636475.90 19.46323 (21071621)
504621.98 3636475.90 20.98811 (21013118) 504721.98
3636475.90 21.13908 (21013118)
504821.98 3636475.90 17.38252 (19081120) 504921.98
3636475.90 17.43402 (19061821)
505021.98 3636475.90 22.37925 (20102221) 505121.98
3636475.90 29.02489 (19022602)
505221.98 3636475.90 27.37268 (21121422) 505321.98
3636475.90 27.07706 (21121422)
505421.98 3636475.90 20.17270 (21061321) 505521.98

3636475.90       20.74045  (21061321)
        505621.98   3636475.90       20.45847  (21090701)                505721.98
3636475.90       24.07474  (21090701)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633475.90        9.71375  (19091703)                502771.98
3633475.90        9.70973  (19020407)
        502821.98   3633475.90        9.84729  (19020407)                502871.98
3633475.90       10.08152  (20021921)
        502921.98   3633475.90       10.28187  (20021921)                502971.98
3633475.90       10.44402  (21110905)
        503021.98   3633475.90       12.37806  (21030103)                503071.98
3633475.90       14.78132  (21030103)
        503121.98   3633475.90       16.38896  (21030103)                503171.98
3633475.90       16.10055  (21030103)
        503221.98   3633475.90       14.26807  (20121603)                503271.98
3633475.90       14.78592  (20121603)
        503321.98   3633475.90       15.61489  (21063005)                503371.98
3633475.90       18.93518  (21063005)
        503421.98   3633475.90       17.03534  (20090205)                503471.98
3633475.90       18.79654  (20102407)
        503521.98   3633475.90       18.26785  (20111701)                503621.98
3633475.90       17.71952  (19110606)
        503671.98   3633475.90       21.35302  (19110606)                503721.98
3633475.90       18.73014  (19101521)
        503771.98   3633475.90       19.61513  (20050102)                503821.98
3633475.90       17.93646  (20082921)
        503871.98   3633475.90       20.25024  (20082921)                503921.98
3633475.90       19.63068  (20082921)
        503971.98   3633475.90       17.72039  (20022622)                504021.98

3633475.90 16.28334 (20080921)
504071.98 3633475.90 16.65354 (19102905) 504121.98
3633475.90 17.78789 (19102905)
504171.98 3633475.90 17.15054 (20081021) 504221.98
3633475.90 18.08540 (21013021)
504271.98 3633475.90 17.98373 (20073022) 504321.98
3633475.90 16.88425 (20073020)
504371.98 3633475.90 14.36594 (20073020) 504421.98
3633475.90 13.39362 (20080120)
504471.98 3633475.90 11.70491 (20080120) 504521.98
3633475.90 10.18644 (20080120)
504571.98 3633475.90 10.61275 (20082722) 504621.98
3633475.90 11.84142 (20080222)
504671.98 3633475.90 12.44396 (20080623) 504721.98
3633475.90 13.17593 (20080623)
502721.98 3633525.90 10.06803 (19091703) 502771.98
3633525.90 10.01715 (19091703)
502821.98 3633525.90 9.92356 (19020407) 502871.98
3633525.90 10.23779 (19020407)
502921.98 3633525.90 10.51161 (20021921) 502971.98
3633525.90 10.69052 (20021921)
503021.98 3633525.90 11.15901 (21110905) 503071.98
3633525.90 13.38972 (21030103)
503121.98 3633525.90 15.84866 (21030103) 503171.98
3633525.90 17.15525 (21030103)
503221.98 3633525.90 16.41635 (21030103) 503271.98
3633525.90 15.26795 (20121603)
503321.98 3633525.90 14.91657 (20121603) 503371.98
3633525.90 17.68839 (21063005)
503421.98 3633525.90 17.73075 (21063005) 503471.98
3633525.90 17.74863 (20102407)
503521.98 3633525.90 18.28636 (20111701) 503621.98
3633525.90 14.87031 (21022506)
503671.98 3633525.90 18.97957 (19110606) 503721.98
3633525.90 18.76997 (19101521)
503771.98 3633525.90 21.81357 (20050102) 503821.98
3633525.90 21.15356 (21020203)
503871.98 3633525.90 21.60097 (20110207) 503921.98
3633525.90 19.94840 (20110207)
503971.98 3633525.90 20.91627 (19032124) 504021.98
3633525.90 19.58251 (21013120)
504071.98 3633525.90 19.29752 (19102905) 504121.98
3633525.90 20.66262 (20022403)
504171.98 3633525.90 20.41358 (21011620) 504221.98
3633525.90 19.50733 (20042404)
504271.98 3633525.90 19.33137 (21120723) 504321.98
3633525.90 15.65838 (20073020)
504371.98 3633525.90 14.16706 (20080120) 504421.98
3633525.90 13.01009 (20080120)
504471.98 3633525.90 11.22064 (20080120) 504521.98

3633525.90       11.32927  (20081220)
        504571.98   3633525.90       12.75968  (20080222)                504621.98
3633525.90       13.89098  (20080623)
        504671.98   3633525.90       13.94206  (20080623)                504721.98
3633525.90       13.10652  (20080623)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633575.90 19.33031 (20082519)
503971.98 3633575.90 22.44616 (20101422) 504021.98
3633575.90 22.31750 (20080805)
504071.98 3633575.90 21.23535 (20101222) 504121.98
3633575.90 21.52427 (20022403)
504171.98 3633575.90 20.79638 (20050805) 504221.98
3633575.90 20.38740 (20110505)
504271.98 3633575.90 19.58510 (20101423) 504321.98
3633575.90 15.12093 (20080120)
504371.98 3633575.90 15.11444 (20080120) 504421.98
3633575.90 12.52334 (20080120)
504471.98 3633575.90 11.50974 (20082722) 504521.98
3633575.90 13.30725 (20080222)
504571.98 3633575.90 15.06111 (20080623) 504621.98
3633575.90 14.85457 (20080623)
504671.98 3633575.90 13.82916 (20080623) 504721.98
3633575.90 13.03899 (20080220)
502721.98 3633625.90 10.13284 (21111004) 502771.98
3633625.90 10.42274 (19091703)
502821.98 3633625.90 10.81492 (19091703) 502871.98
3633625.90 10.92644 (19091703)
502921.98 3633625.90 10.69157 (19020407) 502971.98
3633625.90 11.13088 (19020407)
503021.98 3633625.90 11.50136 (20021921) 503071.98
3633625.90 11.62221 (20021921)
503121.98 3633625.90 12.62246 (21110905) 503171.98
3633625.90 15.44692 (21030103)
503221.98 3633625.90 18.66158 (21030103) 503271.98
3633625.90 19.18205 (21030103)
503321.98 3633625.90 16.48385 (20121603) 503371.98
3633625.90 17.18760 (20121603)
503421.98 3633625.90 20.18573 (21063005) 503471.98
3633625.90 20.20264 (21063005)
503521.98 3633625.90 19.67145 (20102407) 503621.98
3633625.90 14.49858 (19072006)
503671.98 3633625.90 17.61106 (21022506) 503721.98
3633625.90 16.81641 (19101521)
503771.98 3633625.90 17.26191 (20050102) 503821.98
3633625.90 21.08227 (20032924)
503871.98 3633625.90 19.24528 (20032924) 503921.98
3633625.90 19.69525 (20082519)
503971.98 3633625.90 22.40174 (20101422) 504021.98
3633625.90 21.80983 (20080805)
504071.98 3633625.90 22.85196 (21022105) 504121.98
3633625.90 20.88459 (20050805)
504171.98 3633625.90 20.51156 (20050805) 504221.98
3633625.90 21.24015 (20110505)
504271.98 3633625.90 20.84354 (20112022) 504321.98
3633625.90 18.14537 (21010102)
504371.98 3633625.90 16.97736 (20080120) 504421.98

3633625.90  14.12963  (20080120)
 504471.98  3633625.90  13.19602  (20080222)  504521.98
3633625.90  15.83165  (20080623)
 504571.98  3633625.90  16.17889  (20080623)  504621.98
3633625.90  15.04717  (20080623)
 504671.98  3633625.90  14.33549  (20080220)  504721.98
3633625.90  13.32809  (20081921)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 10.89262 | (21111004) | 502771.98 | 3633675.90 | 10.93049 | (21111004) |
| 502821.98 | 3633675.90 | 10.73752 | (19091703) | 502871.98 | 3633675.90 | 11.31957 | (19091703) |
| 502921.98 | 3633675.90 | 11.64359 | (19091703) | 502971.98 | 3633675.90 | 11.46445 | (19091703) |
| 503021.98 | 3633675.90 | 11.87227 | (19020407) | 503071.98 | 3633675.90 | 12.01487 | (20021921) |
| 503121.98 | 3633675.90 | 12.23473 | (20021921) | 503171.98 | 3633675.90 | 13.93608 | (21110905) |
| 503221.98 | 3633675.90 | 17.22924 | (21030103) | 503271.98 | 3633675.90 | 20.65989 | (21030103) |
| 503321.98 | 3633675.90 | 19.98312 | (21030103) | 503371.98 | 3633675.90 | 18.27591 | (20121603) |
| 503421.98 | 3633675.90 | 19.53883 | (21063005) | 503471.98 | 3633675.90 | 22.98182 | (21063005) |
| 503521.98 | 3633675.90 | 19.91080 | (20102407) | 503571.98 | 3633675.90 | 20.75697 | (20102407) |
| 503671.98 | 3633675.90 | 18.05258 | (21022506) | 503721.98 | 3633675.90 | 17.80589 | (21070105) |
| 503771.98 | 3633675.90 | 14.91266 | (19101521) | 503821.98 | | | |

3633675.90 18.78639 (20032924)
503871.98 3633675.90 18.98281 (20032924) 503921.98
3633675.90 19.31096 (20101422)
503971.98 3633675.90 21.76467 (20101422) 504021.98
3633675.90 20.12799 (20080805)
504071.98 3633675.90 22.23525 (21022105) 504121.98
3633675.90 21.55459 (20050805)
504171.98 3633675.90 20.73751 (20110505) 504221.98
3633675.90 21.47214 (20101502)
504271.98 3633675.90 22.55177 (21120804) 504321.98
3633675.90 21.16458 (19042204)
504371.98 3633675.90 18.08425 (20081220) 504421.98
3633675.90 15.90583 (20081220)
504471.98 3633675.90 16.80470 (20080623) 504521.98
3633675.90 17.40712 (20080623)
504571.98 3633675.90 16.58804 (19102119) 504621.98
3633675.90 15.58866 (19112707)
504671.98 3633675.90 14.79682 (19112301) 504721.98
3633675.90 14.67782 (19112301)
502721.98 3633725.90 11.84918 (19020624) 502771.98
3633725.90 11.70339 (19020624)
502821.98 3633725.90 11.85450 (21111004) 502871.98
3633725.90 11.75923 (21111004)
502921.98 3633725.90 12.22899 (19091703) 502971.98
3633725.90 12.60832 (19091703)
503021.98 3633725.90 12.23200 (19091703) 503071.98
3633725.90 12.64598 (19020407)
503121.98 3633725.90 12.81006 (20021921) 503171.98
3633725.90 13.06845 (20021921)
503221.98 3633725.90 15.64210 (21110905) 503271.98
3633725.90 19.38738 (21030103)
503321.98 3633725.90 22.36685 (21030103) 503371.98
3633725.90 20.66260 (21030103)
503421.98 3633725.90 19.92249 (20121603) 503471.98
3633725.90 23.56085 (21063005)
503521.98 3633725.90 24.16448 (21063005) 503571.98
3633725.90 23.07682 (20102407)
503721.98 3633725.90 18.41789 (21070105) 503771.98
3633725.90 15.84742 (21070105)
503821.98 3633725.90 17.34202 (20032924) 503871.98
3633725.90 17.95924 (20032924)
503921.98 3633725.90 19.35613 (20101422) 503971.98
3633725.90 21.13402 (20101422)
504021.98 3633725.90 21.34890 (21022105) 504071.98
3633725.90 20.49277 (21022105)
504121.98 3633725.90 20.03618 (20050805) 504171.98
3633725.90 20.60976 (20110505)
504221.98 3633725.90 21.53905 (21022020) 504271.98
3633725.90 21.10071 (21120804)
504321.98 3633725.90 22.83840 (20092103) 504371.98

3633725.90       20.67344  (21011520)
        504421.98   3633725.90       18.34054  (20082721)                504471.98
3633725.90       18.73842  (20122923)
        504521.98   3633725.90       19.18575  (19102119)                504571.98
3633725.90       17.87967  (19112707)
        504621.98   3633725.90       18.47862  (20020804)                504671.98
3633725.90       17.44103  (19112401)
        504721.98   3633725.90       16.09862  (20073105)                502721.98
3633775.90       12.07965  (19020624)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633775.90 20.06430 (20101422)
504021.98 3633775.90 21.79136 (21022105) 504071.98
3633775.90 18.27591 (20050805)
504121.98 3633775.90 19.03654 (20110505) 504171.98
3633775.90 19.84425 (20101502)
504221.98 3633775.90 20.31609 (20080103) 504271.98
3633775.90 21.73114 (20080122)
504321.98 3633775.90 23.67781 (20120406) 504371.98
3633775.90 23.14663 (19031002)
504421.98 3633775.90 22.21904 (20101621) 504471.98
3633775.90 21.52796 (21022502)
504521.98 3633775.90 21.53959 (20021702) 504571.98
3633775.90 21.15396 (20020804)
504621.98 3633775.90 20.59849 (21012402) 504671.98
3633775.90 19.80246 (20022406)
504721.98 3633775.90 18.40848 (21121121) 502721.98
3633825.90 12.35598 (19020622)
502771.98 3633825.90 12.87047 (19020622) 502821.98
3633825.90 13.41493 (19020624)
502871.98 3633825.90 13.89373 (19020624) 502921.98
3633825.90 14.46648 (21111004)
502971.98 3633825.90 14.95816 (21111004) 503021.98
3633825.90 14.56970 (21111004)
503071.98 3633825.90 14.86935 (19091703) 503121.98
3633825.90 14.97774 (19091703)
503171.98 3633825.90 15.22684 (19020407) 503221.98
3633825.90 15.30427 (20081103)
503271.98 3633825.90 16.30865 (21110905) 503771.98
3633825.90 19.06223 (21070105)
503821.98 3633825.90 15.30913 (20032924) 503871.98
3633825.90 16.20033 (20032924)
503921.98 3633825.90 20.80373 (20101422) 503971.98
3633825.90 18.77090 (19011807)
504021.98 3633825.90 17.53837 (21022105) 504071.98
3633825.90 18.61184 (20050805)
504121.98 3633825.90 19.32485 (20110505) 504171.98
3633825.90 19.11045 (20080103)
504221.98 3633825.90 19.34609 (20080122) 504271.98
3633825.90 20.79661 (20090424)
504321.98 3633825.90 21.43281 (20101421) 504371.98
3633825.90 22.10225 (19091602)
504421.98 3633825.90 23.35341 (21010724) 504471.98
3633825.90 22.62265 (21010602)
504521.98 3633825.90 22.04694 (19120524) 504571.98
3633825.90 21.34110 (20121123)
504621.98 3633825.90 20.77213 (20022406) 504671.98
3633825.90 20.21780 (21121121)
504721.98 3633825.90 19.65681 (21021801) 502721.98
3633875.90 13.01532 (20051205)
502771.98 3633875.90 12.83648 (21012317) 502821.98

3633875.90  13.73031  (19020622)
  502871.98  3633875.90  14.32324  (19020622)  502921.98
3633875.90  15.60302  (19020624)
  502971.98  3633875.90  15.97483  (19020624)  503021.98
3633875.90  16.73073  (21111004)
  503071.98  3633875.90  16.86778  (21111004)  503121.98
3633875.90  16.41818  (19091703)
  503171.98  3633875.90  16.92137  (19091703)  503221.98
3633875.90  17.02988  (19121621)
  503271.98  3633875.90  17.66555  (20081103)  503821.98
3633875.90  16.16435  (20081419)



*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 16.66470 | (20032924) | 503921.98 | 3633875.90 | 20.15637 | (20101422) |
| 503971.98 | 3633875.90 | 16.96410 | (20080818) | 504021.98 | 3633875.90 | 16.53888 | (20081118) |
| 504071.98 | 3633875.90 | 19.03387 | (20110505) | 504121.98 | 3633875.90 | 19.62512 | (20101502) |
| 504171.98 | 3633875.90 | 19.16759 | (20080103) | 504221.98 | 3633875.90 | 20.89449 | (20080122) |
| 504271.98 | 3633875.90 | 20.90146 | (20050621) | 504321.98 | 3633875.90 | 21.84043 | (19091602) |
| 504371.98 | 3633875.90 | 22.47544 | (21010724) | 504421.98 | 3633875.90 | 23.00929 | (20021603) |
| 504471.98 | 3633875.90 | 22.76172 | (19120524) | 504521.98 | 3633875.90 | 21.61608 | (20121123) |
| 504571.98 | 3633875.90 | 20.87738 | (21012121) | 504621.98 | 3633875.90 | 20.93546 | (21022620) |
| 504671.98 | 3633875.90 | 20.58528 | (20110304) | 504721.98 | | | |

3633875.90 20.31553 (21122302)
502721.98 3633925.90 13.79836 (20051205) 502771.98
3633925.90 14.11353 (20051205)
502821.98 3633925.90 14.21143 (20051205) 502871.98
3633925.90 14.46421 (19020622)
502921.98 3633925.90 16.05173 (19020622) 502971.98
3633925.90 16.73449 (19020624)
503021.98 3633925.90 17.95479 (19020624) 503071.98
3633925.90 18.57469 (21111004)
503121.98 3633925.90 19.31785 (21111004) 503171.98
3633925.90 18.62691 (21111004)
503221.98 3633925.90 19.16577 (19091703) 503271.98
3633925.90 19.63835 (19121621)
503821.98 3633925.90 18.03344 (20081419) 503871.98
3633925.90 15.59082 (20032924)
503921.98 3633925.90 19.78455 (20080818) 503971.98
3633925.90 18.98355 (20081118)
504021.98 3633925.90 18.06488 (20081118) 504071.98
3633925.90 19.95805 (20110505)
504121.98 3633925.90 20.90332 (20080103) 504171.98
3633925.90 21.62441 (20080122)
504221.98 3633925.90 20.51104 (20050621) 504271.98
3633925.90 20.87677 (19091602)
504321.98 3633925.90 22.35683 (21040422) 504371.98
3633925.90 21.51072 (21072902)
504421.98 3633925.90 21.36938 (19031001) 504471.98
3633925.90 21.00585 (21020424)
504521.98 3633925.90 21.47639 (20121318) 504571.98
3633925.90 21.85050 (20022002)
504621.98 3633925.90 21.38368 (21010623) 504671.98
3633925.90 21.19918 (21122302)
504721.98 3633925.90 20.83887 (21010408) 502721.98
3633975.90 14.17889 (20081801)
502771.98 3633975.90 14.54227 (20081801) 502821.98
3633975.90 15.13190 (20051205)
502871.98 3633975.90 15.86316 (20051205) 502921.98
3633975.90 16.31509 (21012317)
502971.98 3633975.90 16.95344 (19020622) 503021.98
3633975.90 18.69615 (19020622)
503071.98 3633975.90 20.03362 (19020624) 503121.98
3633975.90 21.23282 (19020624)
503171.98 3633975.90 21.82673 (21111004) 503221.98
3633975.90 21.92752 (21111004)
503271.98 3633975.90 21.88660 (19091703) 503821.98
3633975.90 20.16219 (20081419)
503871.98 3633975.90 17.24780 (20082518) 503921.98
3633975.90 23.68395 (20080818)
503971.98 3633975.90 22.93356 (20081118) 504021.98
3633975.90 20.78869 (20081918)
504071.98 3633975.90 21.74790 (20101502) 504121.98

3633975.90  22.19966  (20080122)
 504171.98  3633975.90  22.16675  (20090424)  504221.98
3633975.90  22.07325  (19091602)
 504271.98  3633975.90  23.98635  (21040422)  504321.98
3633975.90  21.68661  (21040422)
 504371.98  3633975.90  22.49899  (19031001)  504421.98
3633975.90  21.54766  (20041423)
 504471.98  3633975.90  22.48415  (21022620)  504521.98
3633975.90  23.37987  (21010623)
 504571.98  3633975.90  23.07666  (19011323)  504621.98
3633975.90  22.33331  (20011623)
 504671.98  3633975.90  21.54517  (21010408)  504721.98
3633975.90  20.99487  (20121406)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 13.90664 | (20081801) | 502771.98 | 3634025.90 | 14.81967 | (20081801) |
| 502821.98 | 3634025.90 | 15.66817 | (20030823) | 502871.98 | 3634025.90 | 16.47412 | (20030823) |
| 502921.98 | 3634025.90 | 17.31983 | (20051205) | 502971.98 | 3634025.90 | 18.16251 | (20051205) |
| 503021.98 | 3634025.90 | 19.29114 | (21012317) | 503071.98 | 3634025.90 | 20.34465 | (19020622) |
| 503121.98 | 3634025.90 | 22.45410 | (19020622) | 503171.98 | 3634025.90 | 24.19277 | (19020624) |
| 503221.98 | 3634025.90 | 24.96710 | (19020624) | 503271.98 | 3634025.90 | 25.45212 | (21111004) |
| 503871.98 | 3634025.90 | 20.57501 | (20080718) | 503921.98 | 3634025.90 | 27.67772 | (20080818) |
| 503971.98 | 3634025.90 | 26.32591 | (20081118) | 504021.98 | | | |

3634025.90 23.91092 (20081918)
504071.98 3634025.90 23.45928 (20080103) 504121.98
3634025.90 25.07570 (20090424)
504171.98 3634025.90 23.94034 (20101421) 504221.98
3634025.90 26.00499 (21040422)
504271.98 3634025.90 23.61516 (19071103) 504321.98
3634025.90 24.14665 (21040322)
504371.98 3634025.90 23.50682 (20041423) 504421.98
3634025.90 23.99335 (19100621)
504471.98 3634025.90 24.38002 (19011323) 504521.98
3634025.90 24.30676 (20011623)
504571.98 3634025.90 23.95576 (20010519) 504621.98
3634025.90 23.11583 (20051204)
504671.98 3634025.90 21.85301 (20121406) 504721.98
3634025.90 20.30212 (20021723)
502721.98 3634075.90 14.32270 (20051206) 502771.98
3634075.90 14.58690 (20052001)
502821.98 3634075.90 15.38654 (20052001) 502871.98
3634075.90 16.60888 (21110803)
502921.98 3634075.90 18.06487 (20030823) 502971.98
3634075.90 19.43143 (20030823)
503021.98 3634075.90 20.54950 (20030823) 503071.98
3634075.90 21.47018 (20051205)
503121.98 3634075.90 23.25243 (21012317) 503171.98
3634075.90 24.68755 (19020622)
503221.98 3634075.90 27.04154 (19020622) 503271.98
3634075.90 29.18794 (19020624)
503871.98 3634075.90 24.44947 (20080718) 503921.98
3634075.90 30.77175 (20080818)
503971.98 3634075.90 27.39130 (20081118) 504021.98
3634075.90 25.12836 (20080103)
504071.98 3634075.90 27.94004 (20080122) 504121.98
3634075.90 26.55823 (20101421)
504171.98 3634075.90 28.24275 (21040422) 504221.98
3634075.90 26.13444 (19031001)
504271.98 3634075.90 25.90156 (21040322) 504321.98
3634075.90 25.05675 (20110101)
504371.98 3634075.90 24.43597 (21071002) 504421.98
3634075.90 24.90515 (20101322)
504471.98 3634075.90 25.56521 (20010519) 504521.98
3634075.90 25.53534 (21022221)
504571.98 3634075.90 24.44688 (21111922) 504621.98
3634075.90 21.52908 (19011606)
504671.98 3634075.90 20.20222 (19121305) 504721.98
3634075.90 20.17291 (19121305)
502721.98 3634125.90 17.47343 (20082804) 502771.98
3634125.90 17.20956 (20082804)
502821.98 3634125.90 16.60783 (20051206) 502871.98
3634125.90 17.29619 (20051206)
502921.98 3634125.90 17.89144 (20052001) 502971.98

3634125.90       19.42411  (21110803)
        503021.98   3634125.90       21.84576  (21110803)                503071.98
3634125.90       23.68775  (21110803)
        503121.98   3634125.90       25.35344  (20041018)                503171.98
3634125.90       26.39636  (20041018)
        503221.98   3634125.90       28.24539  (21012317)                503271.98
3634125.90       30.08512  (19020622)
        503921.98   3634125.90       31.74785  (20081018)                503971.98
3634125.90       30.35155  (20072518)
        504021.98   3634125.90       29.28358  (20073018)                504071.98
3634125.90       29.86748  (20080519)
        504121.98   3634125.90       30.45265  (21040422)                504171.98
3634125.90       29.03669  (19031001)
        504221.98   3634125.90       28.18642  (20041423)                504271.98
3634125.90       26.94049  (19032824)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634175.90 21.68052 (20082804)
502971.98 3634175.90 22.16188 (20082804) 503021.98
3634175.90 22.58694 (20082804)
503071.98 3634175.90 23.29616 (20051206) 503121.98
3634175.90 26.02067 (21110803)
503171.98 3634175.90 28.91829 (21110803) 503221.98
3634175.90 31.24524 (20041018)
503271.98 3634175.90 33.15077 (20041018) 503971.98
3634175.90 32.46306 (20072616)
504021.98 3634175.90 33.19578 (20080519) 504071.98
3634175.90 33.35240 (20072419)
504121.98 3634175.90 31.53617 (19031001) 504171.98
3634175.90 30.96882 (20090521)
504221.98 3634175.90 29.10492 (19041103) 504271.98
3634175.90 27.68525 (20111422)
504321.98 3634175.90 26.69510 (20050721) 504371.98
3634175.90 26.91459 (20101522)
504421.98 3634175.90 29.72089 (20082605) 504471.98
3634175.90 27.92507 (20111905)
504521.98 3634175.90 26.58625 (21050505) 504571.98
3634175.90 20.79920 (19102322)
504621.98 3634175.90 17.20689 (20082223) 504671.98
3634175.90 15.56086 (20092021)
504721.98 3634175.90 13.39036 (21020219) 502721.98
3634225.90 17.51373 (19083104)
502771.98 3634225.90 18.68944 (19083104) 502821.98
3634225.90 20.17298 (20082804)
502871.98 3634225.90 22.06682 (20082804) 502921.98
3634225.90 23.76751 (20082804)
502971.98 3634225.90 25.58699 (20082804) 503021.98
3634225.90 27.47677 (20082804)
503071.98 3634225.90 28.97821 (20082804) 503121.98
3634225.90 30.18805 (20082804)
503171.98 3634225.90 30.93839 (20082804) 503221.98
3634225.90 31.60754 (20051206)
503271.98 3634225.90 34.60893 (21110803) 504071.98
3634225.90 34.69689 (20090521)
504121.98 3634225.90 33.69150 (21073102) 504171.98
3634225.90 32.25615 (21091122)
504221.98 3634225.90 30.70016 (21062804) 504271.98
3634225.90 28.65668 (20080306)
504321.98 3634225.90 26.88702 (19041802) 504371.98
3634225.90 28.45841 (20100319)
504421.98 3634225.90 30.37386 (21062705) 504471.98
3634225.90 28.56805 (21062301)
504521.98 3634225.90 26.19939 (20041205) 504571.98
3634225.90 20.03505 (20020703)
504621.98 3634225.90 15.54813 (21020219) 504671.98
3634225.90 13.36918 (20080321)
504721.98 3634225.90 11.03497 (21070524) 502721.98

3634275.90       16.18675  (19083104)
        502771.98   3634275.90       17.67640  (19083104)                502821.98
3634275.90       19.57097  (19083104)
        502871.98   3634275.90       21.92040  (19083104)                502921.98
3634275.90       23.59274  (19083104)
        502971.98   3634275.90       25.35125  (19083104)                503021.98
3634275.90       27.65843  (19083104)
        503071.98   3634275.90       29.77819  (20082804)                503121.98
3634275.90       32.97281  (20082804)
        503171.98   3634275.90       36.12384  (20082804)                503221.98
3634275.90       38.90373  (20082804)
        503271.98   3634275.90       41.44412  (20082804)                504121.98
3634275.90       35.56122  (21062804)
        504171.98   3634275.90       33.80462  (21061805)                504221.98
3634275.90       31.34844  (20091022)
        504271.98   3634275.90       29.01077  (20082101)                504321.98
3634275.90       26.95159  (21032324)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634325.90 21.45899 (20050203)
502971.98 3634325.90 24.22707 (20050203) 503021.98
3634325.90 26.27536 (20050203)
503071.98 3634325.90 28.35702 (20050203) 503121.98
3634325.90 30.42441 (19083104)
503171.98 3634325.90 34.12750 (19083104) 503221.98
3634325.90 38.00133 (19083104)
503271.98 3634325.90 41.92836 (19083104) 504171.98
3634325.90 33.66296 (20081504)
504221.98 3634325.90 31.47158 (19090606) 504271.98
3634325.90 29.08139 (21101824)
504321.98 3634325.90 27.29730 (20010320) 504371.98
3634325.90 25.93955 (21071503)
504421.98 3634325.90 27.99190 (20022423) 504471.98
3634325.90 29.03620 (20080624)
504521.98 3634325.90 24.57122 (20080624) 504571.98
3634325.90 18.08092 (20092120)
504621.98 3634325.90 13.41589 (19031020) 504671.98
3634325.90 10.71046 (21062423)
504721.98 3634325.90 10.16226 (21062423) 502721.98
3634375.90 15.86888 (20021803)
502771.98 3634375.90 17.38662 (20021803) 502821.98
3634375.90 18.93570 (20021803)
503021.98 3634375.90 28.44934 (20050203) 503071.98
3634375.90 31.79954 (20050203)
503121.98 3634375.90 34.83001 (20050203) 503171.98
3634375.90 38.00658 (20050203)
503221.98 3634375.90 41.56331 (20050203) 503271.98
3634375.90 45.18171 (20050203)
504221.98 3634375.90 31.02308 (20121618) 504271.98
3634375.90 29.05375 (20121618)
504321.98 3634375.90 26.95330 (20121618) 504371.98
3634375.90 25.50774 (21032802)
504421.98 3634375.90 29.35553 (21010219) 504471.98
3634375.90 26.28110 (21021007)
504521.98 3634375.90 20.39971 (20092120) 504571.98
3634375.90 16.71981 (20092120)
504621.98 3634375.90 13.44579 (19032520) 504671.98
3634375.90 11.86137 (20041201)
504721.98 3634375.90 10.90512 (20041201) 502721.98
3634425.90 16.94486 (19100903)
502771.98 3634425.90 18.32353 (19100903) 502821.98
3634425.90 19.91191 (19100903)
504271.98 3634425.90 29.61987 (21042820) 504321.98
3634425.90 28.15857 (21042820)
504371.98 3634425.90 26.68516 (21042820) 504421.98
3634425.90 28.14593 (21011222)
504471.98 3634425.90 27.58260 (19101220) 504521.98
3634425.90 20.63079 (20011720)
504571.98 3634425.90 18.87286 (20041201) 504621.98

3634425.90       18.13416  (20041201)
        504671.98   3634425.90       17.21809  (20041201)                504721.98
3634425.90       15.70840  (20041201)
        502721.98   3634475.90       19.05000  (21021102)                502771.98
3634475.90       20.73311  (21021102)
        502821.98   3634475.90       22.38892  (21021102)                504321.98
3634475.90       27.33142  (21090306)
        504371.98   3634475.90       26.05738  (21090306)                504421.98
3634475.90       25.05179  (21090306)
        504471.98   3634475.90       26.65997  (21090306)                504521.98
3634475.90       25.75203  (21090306)
        504571.98   3634475.90       23.26989  (21090306)                504621.98
3634475.90       22.59898  (21013119)
        504671.98   3634475.90       19.18392  (21013119)                504721.98
3634475.90       18.28495  (20041201)
        502721.98   3634525.90       19.87569  (19101801)                502771.98
3634525.90       21.75314  (19101801)
        504371.98   3634525.90       25.71192  (21020220)                504421.98
3634525.90       23.73533  (21020220)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634575.90 21.41604 (20092418)
504521.98 3634575.90 19.42195 (19091518) 504571.98
3634575.90 18.58909 (21020220)
504621.98 3634575.90 18.80885 (21020220) 504671.98
3634575.90 20.50373 (21020220)
504721.98 3634575.90 21.54175 (21032601) 502721.98
3634625.90 18.68987 (19050903)
502771.98 3634625.90 20.70483 (19050903) 502821.98
3634625.90 23.25365 (19050903)
502871.98 3634625.90 25.53078 (19050903) 502921.98
3634625.90 27.61268 (19050903)
502971.98 3634625.90 29.40552 (19050903) 503021.98
3634625.90 32.29788 (20030821)
503071.98 3634625.90 35.83248 (20030821) 503121.98
3634625.90 38.53853 (20030821)
504471.98 3634625.90 21.40268 (20011517) 504521.98
3634625.90 19.25884 (20011517)
504571.98 3634625.90 17.57289 (20092418) 504621.98
3634625.90 16.33519 (19091518)
504671.98 3634625.90 15.18050 (19091518) 504721.98
3634625.90 16.30802 (21020220)
502721.98 3634675.90 19.78677 (19050903) 502771.98
3634675.90 20.89958 (19050903)
502821.98 3634675.90 21.95207 (19050903) 502871.98
3634675.90 24.22049 (20030821)
502921.98 3634675.90 26.31688 (20030821) 502971.98
3634675.90 28.26188 (19091905)
503021.98 3634675.90 31.12463 (19091905) 503071.98
3634675.90 35.58340 (19022707)
503121.98 3634675.90 40.31029 (19022707) 503171.98
3634675.90 43.00285 (19022707)
503221.98 3634675.90 45.61466 (21031605) 503271.98
3634675.90 49.39991 (20040402)
503321.98 3634675.90 53.32741 (19010517) 503371.98
3634675.90 58.13140 (20031921)
503421.98 3634675.90 62.99928 (19013101) 503471.98
3634675.90 69.54460 (20122320)
503521.98 3634675.90 76.19024 (20122721) 504521.98
3634675.90 19.60097 (20072505)
504571.98 3634675.90 17.75945 (20072505) 504621.98
3634675.90 16.28963 (20011517)
504671.98 3634675.90 14.85144 (20011517) 504721.98
3634675.90 13.53615 (21082819)
502721.98 3634725.90 18.41364 (20030821) 502771.98
3634725.90 19.68279 (20030821)
502821.98 3634725.90 20.72566 (20030821) 502871.98
3634725.90 23.15728 (21011903)
502921.98 3634725.90 26.24424 (19022707) 502971.98
3634725.90 29.72272 (19022707)
503021.98 3634725.90 32.35814 (19022707) 503071.98

3634725.90       33.81635  (21031605)
        503121.98   3634725.90       36.76951  (20040402)                503171.98
3634725.90       40.50415  (20040402)
        503221.98   3634725.90       44.25847  (19010517)                503271.98
3634725.90       48.59158  (20031921)
        503321.98   3634725.90       51.91007  (20041801)                503371.98
3634725.90       58.15164  (20020322)
        503421.98   3634725.90       63.87120  (20122320)                503471.98
3634725.90       71.15667  (20122721)
        503521.98   3634725.90       74.82353  (20122721)                503571.98
3634725.90       76.04545  (21041405)
        503621.98   3634725.90       82.34511  (19112801)                504571.98
3634725.90       18.87474  (20091418)
        504621.98   3634725.90       16.71780  (20072505)                504671.98
3634725.90       15.57699  (20072505)
        504721.98   3634725.90       14.19079  (20072505)                502721.98
3634775.90       17.82902  (21011903)
        502771.98   3634775.90       19.62729  (19022707)                502821.98
3634775.90       22.20080  (19022707)
        502871.98   3634775.90       24.57067  (19022707)                502921.98
3634775.90       25.96777  (19022707)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634775.90 52.88436 (20122320)
503371.98 3634775.90 57.35552 (21012023) 503421.98
3634775.90 64.66552 (20122721)
503471.98 3634775.90 67.29277 (20122721) 503521.98
3634775.90 69.35630 (21041405)
503571.98 3634775.90 77.48485 (19112801) 503621.98
3634775.90 79.66328 (20070104)
503671.98 3634775.90 81.75953 (19042922) 503721.98
3634775.90 88.33333 (20091721)
503771.98 3634775.90 95.90344 (19072124) 503821.98
3634775.90 91.90281 (19072223)
504621.98 3634775.90 17.96361 (20080506) 504671.98
3634775.90 15.56584 (20091418)
504721.98 3634775.90 14.46970 (20072505) 502721.98
3634825.90 18.87056 (19022707)
502771.98 3634825.90 20.24145 (19022707) 502821.98
3634825.90 20.90276 (19022707)
502871.98 3634825.90 22.08942 (21031605) 502921.98
3634825.90 24.08667 (20040402)
502971.98 3634825.90 25.95066 (20040402) 503021.98
3634825.90 28.69085 (19010517)
503071.98 3634825.90 31.54448 (20031921) 503121.98
3634825.90 34.92491 (20031921)
503171.98 3634825.90 38.05117 (19013101) 503221.98
3634825.90 42.73553 (19013101)
503271.98 3634825.90 47.94573 (20122320) 503321.98
3634825.90 51.60163 (21012023)
503371.98 3634825.90 58.08538 (20122721) 503421.98
3634825.90 59.67797 (20122721)
503471.98 3634825.90 62.25287 (19070505) 503521.98
3634825.90 68.73105 (19112801)
503571.98 3634825.90 70.98983 (20040204) 503621.98
3634825.90 77.21314 (20070104)
503671.98 3634825.90 79.80132 (19042922) 503721.98
3634825.90 81.15665 (19080122)
503771.98 3634825.90 87.11764 (19072124) 503821.98
3634825.90 88.62978 (19072223)
503871.98 3634825.90 86.73694 (19071923) 503921.98
3634825.90 71.67304 (20092506)
504671.98 3634825.90 17.77272 (20092620) 504721.98
3634825.90 16.00084 (20092620)
502721.98 3634875.90 17.09597 (19022707) 502771.98
3634875.90 18.12245 (21031605)
502821.98 3634875.90 19.66992 (20040402) 502871.98
3634875.90 20.82229 (20040402)
502921.98 3634875.90 22.97778 (19010517) 502971.98
3634875.90 25.18604 (20031921)
503021.98 3634875.90 28.32519 (20031921) 503071.98
3634875.90 29.68986 (19013101)
503121.98 3634875.90 35.43741 (19013101) 503171.98

3634875.90       37.38843  (20122320)
        503221.98   3634875.90       42.45586  (20122320)                503271.98
3634875.90       45.65195  (21012023)
        503321.98   3634875.90       51.59753  (20122721)                503371.98
3634875.90       52.49852  (20122721)
        503421.98   3634875.90       55.44185  (19070505)                503471.98
3634875.90       58.85065  (19112801)
        503521.98   3634875.90       64.34531  (19121706)                503571.98
3634875.90       69.01715  (20070104)
        503621.98   3634875.90       70.07612  (20101905)                503671.98
3634875.90       75.33098  (20100906)
        503721.98   3634875.90       81.05375  (19072124)                503771.98
3634875.90       78.79884  (19081022)
        503821.98   3634875.90       83.58671  (19072223)                503871.98
3634875.90       81.21263  (19071923)
        503921.98   3634875.90       66.18518  (20092506)                504721.98
3634875.90       17.61758  (20092620)
        502721.98   3634925.90       16.42144  (20040402)                502771.98
3634925.90       17.24163  (20040402)
        502821.98   3634925.90       18.54572  (19010517)                502871.98
3634925.90       20.06086  (19010517)
        502921.98   3634925.90       22.80197  (20031921)                502971.98
3634925.90       24.20963  (20031921)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634925.90 45.49006 (20122721)
503321.98 3634925.90 45.85030 (20122721) 503371.98
3634925.90 48.66621 (19070505)
503421.98 3634925.90 52.62380 (21121424) 503471.98
3634925.90 58.62507 (19112801)
503521.98 3634925.90 59.60974 (20040204) 503571.98
3634925.90 64.33671 (20070104)
503621.98 3634925.90 67.32764 (19042922) 503671.98
3634925.90 69.43873 (20100906)
503721.98 3634925.90 79.08118 (19072124) 503771.98
3634925.90 70.76880 (19083123)
503821.98 3634925.90 77.40609 (19072223) 503871.98
3634925.90 74.04567 (19071923)
502721.98 3634975.90 15.44793 (19010517) 502771.98
3634975.90 16.57821 (19010517)
502821.98 3634975.90 18.55134 (20031921) 502871.98
3634975.90 20.01247 (20031921)
502921.98 3634975.90 22.45299 (19013101) 502971.98
3634975.90 25.62450 (19013101)
503021.98 3634975.90 27.17764 (19013101) 503071.98
3634975.90 30.96956 (20122320)
503121.98 3634975.90 33.51691 (21012023) 503171.98
3634975.90 33.95311 (21012023)
503221.98 3634975.90 39.47246 (20122721) 503271.98
3634975.90 39.72252 (20122721)
503321.98 3634975.90 42.25480 (19070505) 503371.98
3634975.90 47.21213 (21121424)
503421.98 3634975.90 51.70943 (19112801) 503471.98
3634975.90 53.66632 (19121706)
503521.98 3634975.90 57.66984 (20070104) 503571.98
3634975.90 58.13961 (20101905)
503621.98 3634975.90 61.75894 (21092823) 503671.98
3634975.90 63.96552 (21081522)
503721.98 3634975.90 73.87234 (19072124) 503771.98
3634975.90 64.04639 (19083123)
503821.98 3634975.90 70.75459 (19072223) 503871.98
3634975.90 62.09763 (19071923)
502721.98 3635025.90 15.69104 (20031921) 502771.98
3635025.90 16.96704 (20031921)
502821.98 3635025.90 18.22632 (19013101) 502871.98
3635025.90 21.42024 (19013101)
502921.98 3635025.90 23.38345 (19013101) 502971.98
3635025.90 24.63524 (20122320)
503021.98 3635025.90 27.49223 (20122320) 503071.98
3635025.90 29.75993 (21012023)
503121.98 3635025.90 29.79318 (20122721) 503171.98
3635025.90 34.85755 (20122721)
503221.98 3635025.90 35.15193 (19031105) 503271.98
3635025.90 36.52007 (19070505)
503321.98 3635025.90 41.82539 (21121424) 503371.98

3635025.90       44.42446  (19112801)
        503421.98   3635025.90       47.91811  (19121706)                503471.98
3635025.90       47.93799  (20040204)
        503521.98   3635025.90       52.13425  (20070104)                503571.98
3635025.90       56.04621  (20101905)
        503621.98   3635025.90       58.53052  (20100906)                503671.98
3635025.90       59.37448  (20120224)
        503721.98   3635025.90       64.97382  (19072124)                503771.98
3635025.90       59.22523  (19083123)
        503821.98   3635025.90       63.26576  (19072223)                504371.98
3635025.90       26.76848  (20043024)
        502721.98   3635075.90       15.46519  (19013101)                502771.98
3635075.90       18.04177  (19013101)
        502821.98   3635075.90       20.10412  (19013101)                502871.98
3635075.90       20.99918  (19013101)
        502921.98   3635075.90       22.85672  (20122320)                502971.98
3635075.90       24.33119  (20122320)
        503021.98   3635075.90       26.35533  (21012023)                503071.98
3635075.90       26.76823  (20122721)
        503121.98   3635075.90       30.73097  (20122721)                503171.98
3635075.90       30.92775  (19031105)
        503221.98   3635075.90       31.30256  (20112322)                503271.98
3635075.90       36.69185  (21121424)
        503321.98   3635075.90       37.31380  (19112801)                503371.98
3635075.90       41.75917  (19112801)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635075.90 50.42655 (19042922)
503621.98 3635075.90 52.33289 (20100906) 503671.98
3635075.90 58.55776 (19072124)
503721.98 3635075.90 57.56537 (19072124) 503771.98
3635075.90 55.18190 (21050621)
503821.98 3635075.90 56.44206 (19072223) 504371.98
3635075.90 23.73711 (20043024)
504421.98 3635075.90 23.96245 (20043024) 504471.98
3635075.90 22.47689 (19030801)
504521.98 3635075.90 19.31715 (21071522) 502721.98
3635125.90 17.48105 (19013101)
502771.98 3635125.90 18.61867 (19013101) 502821.98
3635125.90 18.68593 (20122320)
502871.98 3635125.90 20.91331 (20122320) 502921.98
3635125.90 21.95217 (21012023)
502971.98 3635125.90 23.35395 (21012023) 503021.98
3635125.90 24.16295 (20122721)
503071.98 3635125.90 27.10852 (20122721) 503121.98
3635125.90 27.21714 (19031105)
503171.98 3635125.90 27.18303 (20112322) 503221.98
3635125.90 31.77225 (21121424)
503271.98 3635125.90 32.46703 (21121424) 503321.98
3635125.90 36.79045 (19112801)
503371.98 3635125.90 38.70612 (19121706) 503421.98
3635125.90 39.25064 (20070104)
503471.98 3635125.90 41.26416 (20070104) 503521.98
3635125.90 45.32726 (20101905)
503571.98 3635125.90 46.24689 (20100906) 503621.98
3635125.90 47.51956 (21081522)
503671.98 3635125.90 55.69047 (19072124) 503721.98
3635125.90 49.84897 (19081022)
503771.98 3635125.90 49.48936 (21050621) 503821.98
3635125.90 51.69782 (19072223)
504371.98 3635125.90 22.35253 (19062501) 504421.98
3635125.90 21.75118 (20043024)
504471.98 3635125.90 21.45151 (20043024) 504521.98
3635125.90 20.37927 (19030801)
504571.98 3635125.90 17.49119 (19030801) 502721.98
3635175.90 17.29725 (19013101)
502771.98 3635175.90 17.75312 (20122320) 502821.98
3635175.90 18.99613 (20122320)
502871.98 3635175.90 19.94053 (21012023) 502921.98
3635175.90 20.90835 (21012023)
502971.98 3635175.90 21.96022 (20122721) 503021.98
3635175.90 24.06716 (20122721)
503071.98 3635175.90 24.03179 (19031105) 503121.98
3635175.90 23.69373 (20112322)
503171.98 3635175.90 27.73500 (21121424) 503221.98
3635175.90 29.18505 (21121424)
503271.98 3635175.90 31.92394 (19112801) 503321.98

3635175.90       34.18018  (19121706)
        503371.98   3635175.90       33.31554  (20040204)                503421.98
3635175.90       37.31013  (20070104)
        503471.98   3635175.90       36.60856  (20101905)                503521.98
3635175.90       40.41753  (20101905)
        503571.98   3635175.90       42.52459  (20100906)                503621.98
3635175.90       43.42573  (20120224)
        503671.98   3635175.90       51.08036  (19072124)                503721.98
3635175.90       43.32755  (20040205)
        503771.98   3635175.90       43.20950  (21050621)                503821.98
3635175.90       45.28002  (19072223)
        504371.98   3635175.90       21.25106  (19062501)                504421.98
3635175.90       18.91990  (19062501)
        504471.98   3635175.90       20.21348  (20043024)                504521.98
3635175.90       19.44072  (20043024)
        504571.98   3635175.90       18.48344  (19030801)                504621.98
3635175.90       16.38547  (19030801)
        502721.98   3635225.90       17.03368  (20122320)                502771.98
3635225.90       17.70200  (20122320)
        502821.98   3635225.90       18.64074  (21012023)                502871.98
3635225.90       18.66495  (21012023)
        502921.98   3635225.90       19.93940  (20122721)                502971.98
3635225.90       21.57932  (20122721)
        503021.98   3635225.90       21.44521  (19031105)                503071.98
3635225.90       21.11983  (19031105)
        503121.98   3635225.90       24.23553  (21121424)                503171.98
3635225.90       26.40066  (21121424)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                    INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635225.90 29.68239 (19121706)
503321.98 3635225.90 30.36288 (19121706) 503371.98
3635225.90 31.72632 (20070104)
503421.98 3635225.90 32.45494 (20070104) 503471.98
3635225.90 35.96396 (20101905)
503521.98 3635225.90 36.40674 (21052002) 503571.98
3635225.90 37.39073 (21081522)
503621.98 3635225.90 40.57662 (20120224) 503671.98
3635225.90 44.86912 (19072124)
504371.98 3635225.90 19.34005 (19080522) 504421.98
3635225.90 18.73804 (19062501)
504471.98 3635225.90 17.34214 (20102223) 504521.98
3635225.90 18.83043 (20043024)
504571.98 3635225.90 17.91688 (19030801) 504621.98
3635225.90 17.16913 (19030801)
502721.98 3635275.90 16.30152 (21012023) 502771.98
3635275.90 17.10648 (21012023)
502821.98 3635275.90 16.79882 (21012023) 502871.98
3635275.90 18.33723 (20122721)
502921.98 3635275.90 19.44595 (20122721) 502971.98
3635275.90 19.17400 (19031105)
503021.98 3635275.90 18.83357 (19031105) 503071.98
3635275.90 20.94923 (21121424)
503121.98 3635275.90 23.24890 (21121424) 503171.98
3635275.90 23.20559 (19112801)
503221.98 3635275.90 26.23514 (19112801) 503271.98
3635275.90 27.77913 (19121706)
503321.98 3635275.90 26.17658 (20040204) 503371.98
3635275.90 29.42038 (20070104)
503421.98 3635275.90 29.18601 (21021621) 503471.98
3635275.90 32.61764 (20101905)
503521.98 3635275.90 33.93752 (20100906) 503571.98
3635275.90 34.12981 (21081522)
503621.98 3635275.90 38.43752 (19072124) 504371.98
3635275.90 18.45450 (19061724)
504421.98 3635275.90 16.89972 (19062501) 504471.98
3635275.90 16.37568 (19062501)
504521.98 3635275.90 16.46582 (20043024) 504571.98
3635275.90 17.53817 (20043024)
504621.98 3635275.90 16.78666 (19030801) 504671.98
3635275.90 16.21159 (19030801)
502721.98 3635325.90 16.08449 (21012023) 502771.98
3635325.90 15.49840 (21012023)
502821.98 3635325.90 17.07307 (20122721) 502871.98
3635325.90 17.89686 (20122721)
502921.98 3635325.90 17.42060 (19031105) 502971.98
3635325.90 17.25706 (19031105)
503021.98 3635325.90 18.63250 (21121424) 503071.98
3635325.90 20.91164 (21121424)
503121.98 3635325.90 20.10140 (21121424) 503171.98

3635325.90       22.96349  (19112801)
        503221.98   3635325.90       24.79776  (19121706)                503271.98
3635325.90       23.44029  (19121706)
        503321.98   3635325.90       25.42236  (20070104)                503371.98
3635325.90       25.81730  (21021621)
        503421.98   3635325.90       28.07729  (20101905)                503471.98
3635325.90       28.56673  (19042922)
        503521.98   3635325.90       30.74838  (20100906)                503571.98
3635325.90       31.24558  (20120224)
        503621.98   3635325.90       36.53768  (19072124)                504371.98
3635325.90       17.65193  (19061724)
        504421.98   3635325.90       16.05634  (19112903)                504471.98
3635325.90       15.45552  (19062501)
        504521.98   3635325.90       14.53841  (19062501)                504571.98
3635325.90       15.95216  (20043024)
        504621.98   3635325.90       16.48658  (20043024)                504671.98
3635325.90       15.80359  (19030801)
        504721.98   3635325.90       15.38899  (19030801)                502721.98
3635375.90       14.65063  (20122721)
        502771.98   3635375.90       15.81844  (20122721)                502821.98
3635375.90       16.35061  (20122721)
        502871.98   3635375.90       15.73068  (19031105)                502921.98
3635375.90       15.58101  (19031105)
        502971.98   3635375.90       16.80596  (21121424)                503021.98
3635375.90       18.69911  (21121424)
        503071.98   3635375.90       18.35957  (21121424)                503121.98
3635375.90       20.30509  (19112801)
        503171.98   3635375.90       21.45516  (19121706)                503221.98
3635375.90       22.20530  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503271.98   3635375.90       21.29028  (20070104)                503321.98
3635375.90       23.30623  (20070104)
        503371.98   3635375.90       23.35090  (21021621)                503421.98
3635375.90       25.83934  (20101905)
        503471.98   3635375.90       26.36353  (21052002)                503521.98
3635375.90       27.07086  (21081522)
        503571.98   3635375.90       30.06512  (20120224)                503621.98
3635375.90       34.03900  (19072124)
        503671.98   3635375.90       29.97036  (19081022)                503721.98
3635375.90       28.75486  (19083123)
        504371.98   3635375.90       16.54215  (19060920)                504421.98
3635375.90       15.85378  (19061724)
        504471.98   3635375.90       14.44363  (19080522)                504521.98
3635375.90       14.13792  (19062501)
        504571.98   3635375.90       13.61017  (20102223)                504621.98
3635375.90       15.28444  (20043024)
        504671.98   3635375.90       15.57663  (20043024)                504721.98
3635375.90       15.10742  (19030801)
        502721.98   3635425.90       15.20559  (20122721)                502771.98
3635425.90       15.41963  (20122721)
        502821.98   3635425.90       14.75677  (20122721)                502871.98
3635425.90       14.51472  (19031105)
        502921.98   3635425.90       14.99744  (21121424)                502971.98
3635425.90       17.01651  (21121424)
        503021.98   3635425.90       17.17476  (21121424)                503071.98
3635425.90       17.83115  (19112801)
        503121.98   3635425.90       19.19194  (19112801)                503171.98
3635425.90       20.27993  (19121706)
        503221.98   3635425.90       18.53917  (20040204)                503271.98
3635425.90       20.35962  (20070104)
        503321.98   3635425.90       20.80575  (21021621)                503371.98
3635425.90       21.94955  (20101905)
        503421.98   3635425.90       22.79833  (19042922)                503471.98
3635425.90       24.18094  (20100906)
        503521.98   3635425.90       24.43327  (21081522)                503571.98
3635425.90       27.84028  (20120224)
        503621.98   3635425.90       30.61651  (19072124)                503671.98
3635425.90       26.44955  (19081022)
        503721.98   3635425.90       26.33464  (19083123)                503771.98
3635425.90       28.24741  (21041324)
        503821.98   3635425.90       30.50637  (19072223)                504371.98
3635425.90       15.50259  (19061821)
        504421.98   3635425.90       15.09150  (19060920)                504471.98
3635425.90       14.21187  (19112903)
        504521.98   3635425.90       13.42159  (19032022)                504571.98
3635425.90       12.99608  (19120819)
        504621.98   3635425.90       13.29195  (20043024)                504671.98
3635425.90       14.76089  (20043024)
        504721.98   3635425.90       14.87810  (20043024)                502721.98
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3635475.90       14.72562  (20122721)
        502771.98   3635475.90       14.05987  (20122721)                502821.98
3635475.90       13.77767  (19031105)
        502871.98   3635475.90       13.95615  (21121424)                502921.98
3635475.90       15.81506  (21121424)
        502971.98   3635475.90       16.18207  (21121424)                503021.98
3635475.90       16.03951  (19112801)
        503071.98   3635475.90       17.47815  (19112801)                503121.98
3635475.90       18.62640  (19121706)
        503171.98   3635475.90       17.84636  (19121706)                503221.98
3635475.90       17.65023  (20070104)
        503271.98   3635475.90       18.68491  (20070104)                503321.98
3635475.90       19.01792  (21021621)
        503371.98   3635475.90       20.51282  (20101905)                503421.98
3635475.90       20.56618  (21052002)
        503471.98   3635475.90       21.84999  (20100906)                503521.98
3635475.90       22.43327  (20120224)
        503571.98   3635475.90       25.52225  (19072124)                503621.98
3635475.90       27.18249  (19072124)
        503671.98   3635475.90       23.60460  (19072123)                503721.98
3635475.90       24.14674  (21050621)
        503771.98   3635475.90       26.10516  (21041324)                503821.98
3635475.90       27.96939  (19072223)
        503871.98   3635475.90       24.69045  (19072223)                503921.98
3635475.90       24.76630  (19062722)
        504371.98   3635475.90       15.52170  (19061821)                504421.98
3635475.90       14.35868  (19060920)
        504471.98   3635475.90       13.92674  (19061724)                504521.98
3635475.90       13.13009  (19112903)
        504571.98   3635475.90       12.71313  (19032022)                504621.98
3635475.90       12.19336  (20102224)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                    INCLUDING SOURCE(S):     FIRE        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)

```
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
```

3632975.90        6.10570  (20073020)
        504621.98   3632975.90        5.89771  (20073020)                504671.98
3632975.90        5.60315  (21011323)
        504721.98   3632975.90        5.64131  (21010102)                504771.98
3632975.90        5.68967  (20011902)
        504821.98   3632975.90        5.64807  (19022705)                504871.98
3632975.90        5.77868  (21103123)
        504921.98   3632975.90        5.64660  (20121007)                504971.98
3632975.90        5.70252  (21011520)
        505021.98   3632975.90        5.60606  (21010522)                505071.98
3632975.90        5.59460  (19122301)
        505121.98   3632975.90        5.57561  (20122923)                505171.98
3632975.90        5.43519  (20122923)
        505221.98   3632975.90        5.52882  (19102119)                502221.98
3633025.90        6.94319  (19020407)
        502271.98   3633025.90        7.24992  (19020407)                502321.98
3633025.90        7.29196  (19020407)
        502371.98   3633025.90        7.29651  (19020407)                502421.98
3633025.90        7.43918  (20021921)
        502471.98   3633025.90        7.51459  (20021921)                502521.98
3633025.90        7.55095  (21110905)
        502571.98   3633025.90        8.14434  (21030103)                502621.98
3633025.90        9.78629  (21030103)
        502671.98   3633025.90       11.15387  (21030103)                502721.98
3633025.90       12.14322  (21030103)
        502771.98   3633025.90       12.62498  (21030103)                502821.98
3633025.90       12.23702  (21030103)
        502871.98   3633025.90       11.23577  (21030103)                502921.98
3633025.90       11.25889  (20121603)
        502971.98   3633025.90       11.40990  (20121603)                503021.98
3633025.90       11.70168  (20121603)
        503071.98   3633025.90       12.52738  (20090205)                503121.98
3633025.90       13.67248  (20090205)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 13.96423 | (20090205) | 503221.98 | 3633025.90 | 13.19260 | (20090205) |
| 503271.98 | 3633025.90 | 12.63557 | (20102407) | 503321.98 | 3633025.90 | 13.19736 | (20111701) |
| 503371.98 | 3633025.90 | 12.63476 | (20111701) | 503421.98 | 3633025.90 | 10.74069 | (20111701) |
| 503471.98 | 3633025.90 | 11.18159 | (20090124) | 503621.98 | 3633025.90 | 15.26111 | (19101521) |
| 503671.98 | 3633025.90 | 13.77424 | (19101521) | 503721.98 | 3633025.90 | 15.64060 | (20050102) |
| 503771.98 | 3633025.90 | 13.46604 | (20022506) | 503821.98 | 3633025.90 | 12.00838 | (20082921) |
| 503871.98 | 3633025.90 | 10.77215 | (20082921) | 503921.98 | 3633025.90 | 9.42956 | (20082921) |
| 503971.98 | 3633025.90 | 8.01138 | (20081802) | 504021.98 | 3633025.90 | 7.61859 | (20081802) |
| 504071.98 | 3633025.90 | 7.14440 | (20080922) | 504121.98 | 3633025.90 | 6.74986 | (20080922) |
| 504171.98 | 3633025.90 | 6.23090 | (20080922) | 504221.98 | 3633025.90 | 6.10763 | (19102905) |
| 504271.98 | 3633025.90 | 6.48810 | (20081021) | 504321.98 | 3633025.90 | 6.43734 | (20081021) |
| 504371.98 | 3633025.90 | 6.30598 | (21013021) | 504421.98 | 3633025.90 | 6.43519 | (21013021) |
| 504471.98 | 3633025.90 | 6.20229 | (20073022) | 504521.98 | 3633025.90 | 6.10802 | (20073020) |
| 504571.98 | 3633025.90 | 6.10843 | (20073020) | 504621.98 | 3633025.90 | 5.69849 | (20073020) |
| 504671.98 | 3633025.90 | 5.57011 | (20082720) | 504721.98 | 3633025.90 | 5.65597 | (20011902) |
| 504771.98 | 3633025.90 | 5.69769 | (20080120) | 504821.98 | 3633025.90 | 5.79089 | (21103123) |
| 504871.98 | 3633025.90 | 5.77074 | (21103123) | 504921.98 | 3633025.90 | 5.74455 | (21011520) |
| 504971.98 | 3633025.90 | 5.62993 | (19121906) | 505021.98 | 3633025.90 | 5.62822 | (21010522) |
| 505071.98 | 3633025.90 | 5.61661 | (20122923) | 505121.98 | 3633025.90 | 5.50783 | (20122923) |
| 505171.98 | 3633025.90 | 5.59967 | (19102119) | 505221.98 | 3633025.90 | 5.70192 | (19102119) |
| 502221.98 | 3633075.90 | 7.24087 | (19091703) | 502271.98 | 3633075.90 | 7.24156 | (19020407) |
| 502321.98 | 3633075.90 | 7.43612 | (19020407) | 502371.98 | 3633075.90 | 7.53954 | (19020407) |
| 502421.98 | 3633075.90 | 7.54397 | (19020407) | 502471.98 | | | |

3633075.90  7.61201  (20021921)
  502521.98  3633075.90  7.73036  (20021921)  502571.98
3633075.90  7.81719  (21110905)
  502621.98  3633075.90  8.58622  (21030103)  502671.98
3633075.90  10.18298  (21030103)
  502721.98  3633075.90  11.55102  (21030103)  502771.98
3633075.90  12.53092  (21030103)
  502821.98  3633075.90  12.72326  (21030103)  502871.98
3633075.90  12.29029  (21030103)
  502921.98  3633075.90  11.00776  (21030103)  502971.98
3633075.90  11.96105  (20121603)
  503021.98  3633075.90  11.87592  (20121603)  503071.98
3633075.90  11.58330  (20090205)
  503121.98  3633075.90  13.34656  (20090205)  503171.98
3633075.90  14.21908  (20090205)
  503221.98  3633075.90  13.99073  (20090205)  503271.98
3633075.90  12.73298  (20102407)
  503321.98  3633075.90  13.16653  (20111701)  503371.98
3633075.90  13.23235  (20111701)
  503421.98  3633075.90  11.81623  (20111701)  503471.98
3633075.90  11.22251  (20090124)
  503621.98  3633075.90  15.82883  (19101521)  503671.98
3633075.90  14.62774  (19101521)
  503721.98  3633075.90  15.83780  (20050102)  503771.98
3633075.90  12.53486  (20022506)
  503821.98  3633075.90  11.62871  (20082921)  503871.98
3633075.90  9.93711  (20082921)
  503921.98  3633075.90  9.21095  (20082921)  503971.98
3633075.90  8.33016  (20081802)
  504021.98  3633075.90  7.78575  (20081802)  504071.98
3633075.90  7.24786  (20080922)
  504121.98  3633075.90  6.82424  (20080922)  504171.98
3633075.90  6.22052  (20080922)
  504221.98  3633075.90  6.30977  (20081021)  504271.98
3633075.90  6.60995  (20081021)



*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 6.49165 | (20081021) | 504371.98 | 3633075.90 | 6.44301 | (21013021) |
| 504421.98 | 3633075.90 | 6.30234 | (20073022) | 504471.98 | 3633075.90 | 6.18010 | (20073022) |
| 504521.98 | 3633075.90 | 6.22069 | (20073020) | 504571.98 | 3633075.90 | 5.99788 | (20073020) |
| 504621.98 | 3633075.90 | 5.61496 | (20082720) | 504671.98 | 3633075.90 | 5.66862 | (21010102) |
| 504721.98 | 3633075.90 | 5.78676 | (20080120) | 504771.98 | 3633075.90 | 5.75042 | (21103123) |
| 504821.98 | 3633075.90 | 5.86123 | (21103123) | 504871.98 | 3633075.90 | 5.75081 | (21011520) |
| 504921.98 | 3633075.90 | 5.67280 | (19121906) | 504971.98 | 3633075.90 | 5.68389 | (21010522) |
| 505021.98 | 3633075.90 | 5.67564 | (20080622) | 505071.98 | 3633075.90 | 5.59402 | (20080622) |
| 505121.98 | 3633075.90 | 5.66460 | (19102119) | 505171.98 | 3633075.90 | 5.77284 | (19102119) |
| 505221.98 | 3633075.90 | 5.60309 | (19102119) | 502221.98 | 3633125.90 | 7.57812 | (19091703) |
| 502271.98 | 3633125.90 | 7.59828 | (19091703) | 502321.98 | 3633125.90 | 7.48919 | (19091703) |
| 502371.98 | 3633125.90 | 7.62265 | (19020407) | 502421.98 | 3633125.90 | 7.76127 | (19020407) |
| 502471.98 | 3633125.90 | 7.73581 | (19020407) | 502521.98 | 3633125.90 | 7.86275 | (20021921) |
| 502571.98 | 3633125.90 | 7.99094 | (20021921) | 502621.98 | 3633125.90 | 8.04319 | (21110905) |
| 502671.98 | 3633125.90 | 9.00883 | (21030103) | 502721.98 | 3633125.90 | 10.67088 | (21030103) |
| 502771.98 | 3633125.90 | 11.91743 | (21030103) | 502821.98 | 3633125.90 | 12.83980 | (21030103) |
| 502871.98 | 3633125.90 | 12.94317 | (21030103) | 502921.98 | 3633125.90 | 12.34057 | (21030103) |
| 502971.98 | 3633125.90 | 11.18887 | (20121603) | 503021.98 | 3633125.90 | 12.00854 | (20121603) |
| 503071.98 | 3633125.90 | 11.62927 | (20121603) | 503121.98 | 3633125.90 | 12.74182 | (20090205) |
| 503171.98 | 3633125.90 | 14.18629 | (20090205) | 503221.98 | 3633125.90 | 14.53049 | (20090205) |
| 503271.98 | 3633125.90 | 13.57129 | (20090205) | 503321.98 | 3633125.90 | 13.16684 | (20102407) |
| 503371.98 | 3633125.90 | 13.62346 | (20111701) | 503421.98 | | | |

3633125.90       12.82438  (20111701)
        503471.98   3633125.90       11.19773  (21110603)                503621.98
3633125.90       16.38749  (19101521)
        503671.98   3633125.90       15.32624  (19101521)                503721.98
3633125.90       15.58982  (20050102)
        503771.98   3633125.90       11.49386  (19042705)                503821.98
3633125.90       11.08679  (20082921)
        503871.98   3633125.90        9.82427  (20082921)                503921.98
3633125.90        9.28602  (20082921)
        503971.98   3633125.90        8.62069  (20081802)                504021.98
3633125.90        7.83678  (20081802)
        504071.98   3633125.90        7.38886  (20080922)                504121.98
3633125.90        7.14528  (20080922)
        504171.98   3633125.90        6.49369  (21062104)                504221.98
3633125.90        6.66839  (20081021)
        504271.98   3633125.90        6.86728  (20081021)                504321.98
3633125.90        6.69153  (21090324)
        504371.98   3633125.90        6.45250  (21013021)                504421.98
3633125.90        6.44594  (20073022)
        504471.98   3633125.90        6.20541  (20073020)                504521.98
3633125.90        6.20640  (20073020)
        504571.98   3633125.90        5.75275  (20073020)                504621.98
3633125.90        5.68801  (20082720)
        504671.98   3633125.90        5.87673  (20080120)                504721.98
3633125.90        5.88671  (20080120)
        504771.98   3633125.90        5.90725  (21103123)                504821.98
3633125.90        5.71320  (21011520)
        504871.98   3633125.90        5.68444  (19121906)                504921.98
3633125.90        6.13276  (20082722)
        504971.98   3633125.90        5.87578  (20080222)                505021.98
3633125.90        5.71226  (20080622)
        505071.98   3633125.90        5.72290  (19102119)                505121.98
3633125.90        5.84330  (19102119)
        505171.98   3633125.90        5.65885  (19102119)                505221.98
3633125.90        5.69690  (20082901)
        502221.98   3633175.90        7.69211  (19091703)                502271.98
3633175.90        7.79017  (19091703)


 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 7.80565 | (19091703) | 502371.98 | 3633175.90 | 7.80316 | (19091703) |
| 502421.98 | 3633175.90 | 7.91866 | (19020407) | 502471.98 | 3633175.90 | 8.02092 | (19020407) |
| 502521.98 | 3633175.90 | 8.05067 | (19020407) | 502571.98 | 3633175.90 | 8.18847 | (20021921) |
| 502621.98 | 3633175.90 | 8.33768 | (20021921) | 502671.98 | 3633175.90 | 8.41060 | (21110905) |
| 502721.98 | 3633175.90 | 9.04586 | (21030103) | 502771.98 | 3633175.90 | 10.65390 | (21030103) |
| 502821.98 | 3633175.90 | 12.03848 | (21030103) | 502871.98 | 3633175.90 | 13.12917 | (21030103) |
| 502921.98 | 3633175.90 | 13.18001 | (21030103) | 502971.98 | 3633175.90 | 12.38722 | (21030103) |
| 503021.98 | 3633175.90 | 11.87284 | (20121603) | 503071.98 | 3633175.90 | 12.33743 | (20121603) |
| 503121.98 | 3633175.90 | 11.89108 | (20090205) | 503171.98 | 3633175.90 | 13.83404 | (20090205) |
| 503221.98 | 3633175.90 | 14.74939 | (20090205) | 503271.98 | 3633175.90 | 14.37928 | (20090205) |
| 503321.98 | 3633175.90 | 13.34939 | (20102407) | 503371.98 | 3633175.90 | 13.77919 | (20111701) |
| 503421.98 | 3633175.90 | 13.66520 | (20111701) | 503471.98 | 3633175.90 | 11.30885 | (20111701) |
| 503621.98 | 3633175.90 | 16.82942 | (19101521) | 503671.98 | 3633175.90 | 16.05439 | (19101521) |
| 503721.98 | 3633175.90 | 13.48841 | (20050102) | 503771.98 | 3633175.90 | 10.45805 | (20101121) |
| 503821.98 | 3633175.90 | 10.36169 | (20082921) | 503871.98 | 3633175.90 | 9.55155 | (20082921) |
| 503921.98 | 3633175.90 | 9.47964 | (20082921) | 503971.98 | 3633175.90 | 8.94501 | (20081802) |
| 504021.98 | 3633175.90 | 8.07123 | (20081802) | 504071.98 | 3633175.90 | 7.70841 | (20080922) |
| 504121.98 | 3633175.90 | 7.60694 | (20080922) | 504171.98 | 3633175.90 | 7.35099 | (19081923) |
| 504221.98 | 3633175.90 | 7.36653 | (19081923) | 504271.98 | 3633175.90 | 7.24738 | (21090324) |
| 504321.98 | 3633175.90 | 7.21401 | (21090324) | 504371.98 | 3633175.90 | 7.26209 | (21090324) |
| 504421.98 | 3633175.90 | 6.89099 | (20072721) | 504471.98 | | | |

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3633175.90        6.30750  (20073020)
        504521.98   3633175.90        6.04622  (20073020)                504571.98
3633175.90        5.72790  (20082720)
        504621.98   3633175.90        5.93568  (20080120)                504671.98
3633175.90        6.07967  (20080120)
        504721.98   3633175.90        5.91691  (20080120)                504771.98
3633175.90        5.83177  (20081220)
        504821.98   3633175.90        5.72613  (21011520)                504871.98
3633175.90        6.00515  (20082722)
        504921.98   3633175.90        6.90419  (20080222)                504971.98
3633175.90        6.16150  (20080623)
        505021.98   3633175.90        5.77184  (19102119)                505071.98
3633175.90        5.90724  (19102119)
        505121.98   3633175.90        5.71476  (19102119)                505171.98
3633175.90        5.59681  (20012502)
        505221.98   3633175.90        5.75973  (20111118)                502221.98
3633225.90        7.66966  (19091703)
        502271.98   3633225.90        7.93094  (19091703)                502321.98
3633225.90        8.06489  (19091703)
        502371.98   3633225.90        8.22217  (19091703)                502421.98
3633225.90        8.17521  (19091703)
        502471.98   3633225.90        8.06873  (19020407)                502521.98
3633225.90        8.28091  (19020407)
        502571.98   3633225.90        8.32871  (19020407)                502621.98
3633225.90        8.48892  (20021921)
        502671.98   3633225.90        8.63174  (20021921)                502721.98
3633225.90        8.67468  (20021921)
        502771.98   3633225.90        9.37865  (21030103)                502821.98
3633225.90       11.06107  (21030103)
        502871.98   3633225.90       12.57053  (21030103)                502921.98
3633225.90       13.48703  (21030103)
        502971.98   3633225.90       13.45290  (21030103)                503021.98
3633225.90       12.31713  (21030103)
        503071.98   3633225.90       12.53927  (20121603)                503121.98
3633225.90       12.57140  (20121603)
        503171.98   3633225.90       13.10148  (20090205)                503221.98
3633225.90       14.62954  (20090205)
        503271.98   3633225.90       14.97255  (20090205)                503321.98
3633225.90       13.80571  (20090205)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 656
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 13.75897 | (20102407) | 503421.98 | 3633225.90 | 14.38994 | (20111701) |
| 503471.98 | 3633225.90 | 12.89914 | (20111701) | 503621.98 | 3633225.90 | 17.35478 | (19110606) |
| 503671.98 | 3633225.90 | 16.45316 | (19101521) | 503721.98 | 3633225.90 | 12.55543 | (19042705) |
| 503771.98 | 3633225.90 | 10.78100 | (20101121) | 503821.98 | 3633225.90 | 9.88193 | (20082921) |
| 503871.98 | 3633225.90 | 9.90282 | (20082921) | 503921.98 | 3633225.90 | 9.49842 | (20082921) |
| 503971.98 | 3633225.90 | 9.30035 | (20081802) | 504021.98 | 3633225.90 | 8.71512 | (20080922) |
| 504071.98 | 3633225.90 | 8.86752 | (20080922) | 504121.98 | 3633225.90 | 8.69648 | (20080922) |
| 504171.98 | 3633225.90 | 8.48774 | (19081923) | 504221.98 | 3633225.90 | 7.60375 | (19081923) |
| 504271.98 | 3633225.90 | 7.67633 | (21090324) | 504321.98 | 3633225.90 | 8.13665 | (21090324) |
| 504371.98 | 3633225.90 | 8.26922 | (20072721) | 504421.98 | 3633225.90 | 7.65577 | (20072721) |
| 504471.98 | 3633225.90 | 6.69712 | (20072721) | 504521.98 | 3633225.90 | 5.89927 | (20072922) |
| 504571.98 | 3633225.90 | 5.96782 | (20080120) | 504621.98 | 3633225.90 | 6.24663 | (20080120) |
| 504671.98 | 3633225.90 | 6.35040 | (20080120) | 504721.98 | 3633225.90 | 6.19367 | (20081220) |
| 504771.98 | 3633225.90 | 6.01669 | (20082722) | 504821.98 | 3633225.90 | 6.50294 | (20082722) |
| 504871.98 | 3633225.90 | 6.74890 | (20080222) | 504921.98 | 3633225.90 | 7.47540 | (20080222) |
| 504971.98 | 3633225.90 | 6.53540 | (20080623) | 505021.98 | 3633225.90 | 5.96440 | (19102119) |
| 505071.98 | 3633225.90 | 5.76369 | (19102119) | 505121.98 | 3633225.90 | 5.64894 | (20012502) |
| 505171.98 | 3633225.90 | 5.65729 | (20012502) | 505221.98 | 3633225.90 | 6.15423 | (20111118) |
| 502221.98 | 3633275.90 | 7.45253 | (19091703) | 502271.98 | 3633275.90 | 7.82438 | (19091703) |
| 502321.98 | 3633275.90 | 8.17876 | (19091703) | 502371.98 | | | |

3633275.90  8.42782  (19091703)
  502421.98  3633275.90  8.50257  (19091703)  502471.98
3633275.90  8.46348  (19091703)
  502521.98  3633275.90  8.37021  (19020407)  502571.98
3633275.90  8.58425  (19020407)
  502621.98  3633275.90  8.69473  (19020407)  502671.98
3633275.90  8.78433  (20021921)
  502721.98  3633275.90  8.94987  (20021921)  502771.98
3633275.90  8.93676  (20021921)
  502821.98  3633275.90  9.35398  (21110905)  502871.98
3633275.90  11.50528  (21030103)
  502921.98  3633275.90  13.18121  (21030103)  502971.98
3633275.90  13.96214  (21030103)
  503021.98  3633275.90  13.54846  (21030103)  503071.98
3633275.90  12.10095  (20121603)
  503121.98  3633275.90  13.13156  (20121603)  503171.98
3633275.90  12.49352  (20121603)
  503221.98  3633275.90  14.13741  (20090205)  503271.98
3633275.90  15.16645  (20090205)
  503321.98  3633275.90  14.73993  (20090205)  503371.98
3633275.90  14.16669  (20102407)
  503421.98  3633275.90  14.95037  (20111701)  503471.98
3633275.90  16.04604  (20111701)
  503621.98  3633275.90  17.53169  (19110606)  503671.98
3633275.90  15.96807  (19101521)
  503721.98  3633275.90  12.37035  (19082022)  503771.98
3633275.90  10.84933  (20101121)
  503821.98  3633275.90  9.34812  (20082921)  503871.98
3633275.90  9.99727  (20082921)
  503921.98  3633275.90  10.28822  (20082921)  503971.98
3633275.90  10.64060  (20032501)
  504021.98  3633275.90  10.65703  (20080922)  504071.98
3633275.90  10.22888  (20080922)
  504121.98  3633275.90  9.93403  (20080922)  504171.98
3633275.90  9.30472  (19081923)
  504221.98  3633275.90  8.29328  (21090324)  504271.98
3633275.90  8.50181  (21090324)
  504321.98  3633275.90  9.03471  (21090324)  504371.98
3633275.90  9.89153  (20072721)
  504421.98  3633275.90  9.00146  (20072721)  504471.98
3633275.90  7.48558  (20072721)



*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  FIRE     ***
                                INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3633275.90        6.69849  (20072922)               504571.98
3633275.90        6.48861  (20080120)
        504621.98   3633275.90        6.72590  (20080120)               504671.98
3633275.90        6.87451  (20080120)
        504721.98   3633275.90        6.94224  (20082722)               504771.98
3633275.90        6.33413  (20082722)
        504821.98   3633275.90        6.83107  (20082722)               504871.98
3633275.90        7.60492  (20080222)
        504921.98   3633275.90        8.04610  (20080623)               504971.98
3633275.90        7.05379  (20080623)
        505021.98   3633275.90        6.43472  (20082901)               505071.98
3633275.90        6.29019  (20082901)
        505121.98   3633275.90        6.22274  (20111118)               505171.98
3633275.90        5.97072  (20111118)
        505221.98   3633275.90        6.62383  (20111118)               502221.98
3633325.90        8.14573  (19020624)
        502271.98   3633325.90        7.82069  (19020624)               502321.98
3633325.90        8.04082  (19091703)
        502371.98   3633325.90        8.40288  (19091703)               502421.98
3633325.90        8.65858  (19091703)
        502471.98   3633325.90        8.74053  (19091703)               502521.98
3633325.90        8.78549  (19091703)
        502571.98   3633325.90        8.64291  (19091703)               502621.98
3633325.90        8.91929  (19020407)
        502671.98   3633325.90        8.97021  (19020407)               502721.98
3633325.90        9.10195  (20021921)
        502771.98   3633325.90        9.32430  (20021921)               502821.98
3633325.90        9.23420  (20021921)
        502871.98   3633325.90       10.26767  (21030103)               502921.98
3633325.90       12.28441  (21030103)
        502971.98   3633325.90       13.80378  (21030103)               503021.98
3633325.90       14.37277  (21030103)
        503071.98   3633325.90       13.77405  (21030103)               503121.98
3633325.90       13.01615  (20121603)
        503171.98   3633325.90       13.49226  (20121603)               503221.98
3633325.90       13.60769  (21063005)
        503271.98   3633325.90       14.91760  (20090205)               503321.98

3633325.90       15.39487  (20090205)
        503371.98   3633325.90       14.23410  (20102407)                503421.98
3633325.90       16.92565  (20111701)
        503471.98   3633325.90       15.35106  (20111701)                503621.98
3633325.90       16.57866  (19110606)
        503671.98   3633325.90       14.89173  (19082022)                503721.98
3633325.90       12.21589  (19082022)
        503771.98   3633325.90       11.07264  (20101121)                503821.98
3633325.90        9.97281  (20082921)
        503871.98   3633325.90       10.47724  (20082921)                503921.98
3633325.90       12.54405  (20082921)
        503971.98   3633325.90       12.73718  (20032501)                504021.98
3633325.90       12.35124  (20080922)
        504071.98   3633325.90       11.60624  (20080922)                504121.98
3633325.90       11.72284  (21062104)
        504171.98   3633325.90       10.32629  (19081923)                504221.98
3633325.90        9.15731  (21090324)
        504271.98   3633325.90        9.64427  (21090324)                504321.98
3633325.90       10.58119  (20072721)
        504371.98   3633325.90       11.37558  (20072721)                504421.98
3633325.90       10.22798  (20072721)
        504471.98   3633325.90        8.68908  (20072922)                504521.98
3633325.90        7.60043  (20072922)
        504571.98   3633325.90        7.28873  (20080120)                504621.98
3633325.90        7.49754  (20080120)
        504671.98   3633325.90        8.12881  (20082722)                504721.98
3633325.90        7.98842  (20082722)
        504771.98   3633325.90        7.04426  (20082722)                504821.98
3633325.90        7.19518  (20080222)
        504871.98   3633325.90        8.41284  (20080222)                504921.98
3633325.90        8.74863  (20080623)
        504971.98   3633325.90        8.08872  (20082901)                505021.98
3633325.90        7.62568  (20082901)
        505071.98   3633325.90        7.79986  (20111118)                505121.98
3633325.90        7.25763  (20111118)
        505171.98   3633325.90        6.75084  (20111118)                505221.98
3633325.90        7.41411  (20111118)
        502221.98   3633375.90        8.88630  (19020624)                502271.98
3633375.90        8.68783  (19020624)
        502321.98   3633375.90        8.35640  (19020624)                502371.98
3633375.90        8.15143  (19091703)
        502421.98   3633375.90        8.56268  (19091703)                502471.98
3633375.90        8.86556  (19091703)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***

INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 9.07815 | (19091703) | 502571.98 | 3633375.90 | 9.14974 | (19091703) |
| 502621.98 | 3633375.90 | 9.02460 | (19091703) | 502671.98 | 3633375.90 | 9.19671 | (19020407) |
| 502721.98 | 3633375.90 | 9.27438 | (19020407) | 502771.98 | 3633375.90 | 9.42453 | (20021921) |
| 502821.98 | 3633375.90 | 9.58230 | (20021921) | 502871.98 | 3633375.90 | 9.50649 | (21110905) |
| 502921.98 | 3633375.90 | 10.83100 | (21030103) | 502971.98 | 3633375.90 | 12.96091 | (21030103) |
| 503021.98 | 3633375.90 | 14.48604 | (21030103) | 503071.98 | 3633375.90 | 14.91496 | (21030103) |
| 503121.98 | 3633375.90 | 13.88412 | (21030103) | 503171.98 | 3633375.90 | 13.79587 | (20121603) |
| 503221.98 | 3633375.90 | 13.56293 | (20121603) | 503271.98 | 3633375.90 | 15.05777 | (21063005) |
| 503321.98 | 3633375.90 | 15.72456 | (20090205) | 503371.98 | 3633375.90 | 15.21635 | (20090205) |
| 503421.98 | 3633375.90 | 18.37625 | (20102407) | 503471.98 | 3633375.90 | 18.98590 | (20111701) |
| 503621.98 | 3633375.90 | 18.27692 | (19110606) | 503671.98 | 3633375.90 | 15.58507 | (19082022) |
| 503721.98 | 3633375.90 | 13.40142 | (19082022) | 503771.98 | 3633375.90 | 12.01335 | (20101121) |
| 503821.98 | 3633375.90 | 13.75889 | (20082921) | 503871.98 | 3633375.90 | 13.79028 | (20082921) |
| 503921.98 | 3633375.90 | 15.54460 | (20082921) | 503971.98 | 3633375.90 | 14.59492 | (20082921) |
| 504021.98 | 3633375.90 | 13.56522 | (20080922) | 504071.98 | 3633375.90 | 12.73672 | (20080922) |
| 504121.98 | 3633375.90 | 13.42597 | (20081021) | 504171.98 | 3633375.90 | 11.39776 | (20081021) |
| 504221.98 | 3633375.90 | 10.62719 | (21090324) | 504271.98 | 3633375.90 | 11.78251 | (20083021) |
| 504321.98 | 3633375.90 | 13.24295 | (20073022) | 504371.98 | | | |

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3633375.90       12.78153  (20073020)
        504421.98   3633375.90       11.10405  (20072721)                504471.98
3633375.90        9.64485  (20072922)
        504521.98   3633375.90        8.29064  (20072922)                504571.98
3633375.90        8.36329  (20080120)
        504621.98   3633375.90        8.69424  (20082722)                504671.98
3633375.90        9.51548  (20082722)
        504721.98   3633375.90        8.92363  (20080222)                504771.98
3633375.90        7.86477  (20080222)
        504821.98   3633375.90        8.13415  (20080222)                504871.98
3633375.90        9.64176  (20080623)
        504921.98   3633375.90        9.57275  (20080220)                504971.98
3633375.90        9.08082  (20082901)
        505021.98   3633375.90        8.99574  (20111118)                505071.98
3633375.90        8.76845  (20111118)
        505121.98   3633375.90        7.92355  (20111118)                505171.98
3633375.90        7.48961  (20111118)
        505221.98   3633375.90        8.22430  (20111118)                502221.98
3633425.90        9.23443  (19020624)
        502271.98   3633425.90        9.17947  (19020624)                502321.98
3633425.90        8.97095  (19020624)
        502371.98   3633425.90        8.69246  (19020624)                502421.98
3633425.90        8.32541  (19020624)
        502471.98   3633425.90        8.82746  (19091703)                502521.98
3633425.90        9.19790  (19091703)
        502571.98   3633425.90        9.43398  (19091703)                502621.98
3633425.90        9.55118  (19091703)
        502671.98   3633425.90        9.41824  (19091703)                502721.98
3633425.90        9.47337  (19020407)
        502771.98   3633425.90        9.57873  (19020407)                502821.98
3633425.90        9.71529  (20021921)
        502871.98   3633425.90        9.88501  (20021921)                502921.98
3633425.90        9.92071  (21110905)
        502971.98   3633425.90       11.46607  (21030103)                503021.98
3633425.90       13.81903  (21030103)
        503071.98   3633425.90       15.31414  (21030103)                503121.98
3633425.90       15.48525  (21030103)
        503171.98   3633425.90       13.82572  (21030103)                503221.98
3633425.90       14.39478  (20121603)
        503271.98   3633425.90       14.12925  (21063005)                503321.98
3633425.90       16.10316  (21063005)
        503371.98   3633425.90       16.50547  (20090205)                503421.98
3633425.90       18.48084  (20102407)
        503471.98   3633425.90       19.42408  (20111701)                503621.98
3633425.90       19.66666  (19110606)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE  ***
INCLUDING SOURCE(S):  FIRE  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 19.10405 | (19101521) | 503721.98 | 3633425.90 | 14.94761 | (19082022) |
| 503771.98 | 3633425.90 | 13.02305 | (19091221) | 503821.98 | 3633425.90 | 15.72790 | (20082921) |
| 503871.98 | 3633425.90 | 17.67538 | (20082921) | 503921.98 | 3633425.90 | 18.50353 | (20082921) |
| 503971.98 | 3633425.90 | 15.48244 | (20082921) | 504021.98 | 3633425.90 | 14.62143 | (20080921) |
| 504071.98 | 3633425.90 | 14.35802 | (21062104) | 504121.98 | 3633425.90 | 15.56090 | (20081021) |
| 504171.98 | 3633425.90 | 14.35984 | (20081021) | 504221.98 | 3633425.90 | 13.95856 | (20083021) |
| 504271.98 | 3633425.90 | 15.56580 | (20073022) | 504321.98 | 3633425.90 | 16.00615 | (20073022) |
| 504371.98 | 3633425.90 | 14.13688 | (20073020) | 504421.98 | 3633425.90 | 11.99066 | (20080120) |
| 504471.98 | 3633425.90 | 10.85076 | (20080120) | 504521.98 | 3633425.90 | 9.33744 | (20080120) |
| 504571.98 | 3633425.90 | 9.45879 | (20080120) | 504621.98 | 3633425.90 | 10.24452 | (20082722) |
| 504671.98 | 3633425.90 | 11.01482 | (20080222) | 504721.98 | 3633425.90 | 10.88373 | (20080222) |
| 504771.98 | 3633425.90 | 9.75776 | (20080222) | 504821.98 | 3633425.90 | 8.92842 | (20080623) |
| 504871.98 | 3633425.90 | 10.63801 | (20080220) | 504921.98 | 3633425.90 | 10.03493 | (20080220) |
| 504971.98 | 3633425.90 | 9.89659 | (20111118) | 505021.98 | 3633425.90 | 9.43475 | (20111118) |
| 505071.98 | 3633425.90 | 8.76195 | (20111118) | 505121.98 | 3633425.90 | 8.22511 | (20111118) |
| 505171.98 | 3633425.90 | 8.20224 | (21011418) | 505221.98 | 3633425.90 | 9.21171 | (21011418) |
| 502221.98 | 3633475.90 | 9.29103 | (19020624) | 502271.98 | | | |

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3633475.90        9.42506  (19020624)
        502321.98   3633475.90        9.46603  (19020624)                502371.98
3633475.90        9.40987  (19020624)
        502421.98   3633475.90        9.22927  (19020624)                502471.98
3633475.90        9.18707  (19020624)
        502521.98   3633475.90        8.91657  (19091703)                502571.98
3633475.90        9.35609  (19091703)
        502621.98   3633475.90        9.72358  (19091703)                502671.98
3633475.90        9.82705  (19091703)
        504771.98   3633475.90       12.16152  (20080623)                504821.98
3633475.90       11.83636  (20080220)
        504871.98   3633475.90       11.19783  (20080220)                504921.98
3633475.90       11.18773  (20081921)
        504971.98   3633475.90       11.01911  (20111118)                505021.98
3633475.90       10.03307  (20111118)
        505071.98   3633475.90        9.20299  (20111118)                505121.98
3633475.90        8.91924  (21011418)
        505171.98   3633475.90        9.01672  (21011418)                505221.98
3633475.90        9.65543  (21011418)
        502221.98   3633525.90        9.49169  (19020622)                502271.98
3633525.90        9.51730  (19020622)
        502321.98   3633525.90        9.65319  (19020624)                502371.98
3633525.90        9.93064  (19020624)
        502421.98   3633525.90       10.09528  (19020624)                502471.98
3633525.90       10.18424  (19020624)
        502521.98   3633525.90        9.53622  (19020624)                502571.98
3633525.90        8.96132  (21111004)
        502621.98   3633525.90        9.43320  (19091703)                502671.98
3633525.90        9.84185  (19091703)
        504771.98   3633525.90       12.41014  (20080220)                504821.98
3633525.90       11.56470  (20080220)
        504871.98   3633525.90       11.76327  (20081921)                504921.98
3633525.90       12.05220  (20111118)
        504971.98   3633525.90       12.29461  (20082222)                505021.98
3633525.90       11.67194  (20082222)
        505071.98   3633525.90       10.42370  (21011418)                505121.98
3633525.90        9.64705  (21011418)
        505171.98   3633525.90        9.51774  (21011418)                505221.98
3633525.90        9.68144  (21011418)
        502221.98   3633575.90        9.71690  (19020622)                502271.98
3633575.90        9.62049  (19020622)
        502321.98   3633575.90        9.75204  (19020622)                502371.98
3633575.90        9.97201  (19020622)
        502421.98   3633575.90       10.30251  (19020624)                502471.98
3633575.90       10.37231  (19020624)
        502521.98   3633575.90       10.22042  (19020624)                502571.98
3633575.90        9.82288  (19020624)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 9.54049 | (21111004) | 502671.98 | 3633575.90 | 9.58576 | (19091703) |
| 504771.98 | 3633575.90 | 12.24210 | (20081921) | 504821.98 | 3633575.90 | 12.46637 | (20081921) |
| 504871.98 | 3633575.90 | 12.78917 | (20111118) | 504921.98 | 3633575.90 | 13.04552 | (20082222) |
| 504971.98 | 3633575.90 | 13.67639 | (20082222) | 505021.98 | 3633575.90 | 13.34878 | (20082222) |
| 505071.98 | 3633575.90 | 11.56567 | (20082222) | 505121.98 | 3633575.90 | 10.34470 | (21011418) |
| 505171.98 | 3633575.90 | 9.77953 | (21011418) | 505221.98 | 3633575.90 | 9.67283 | (21011418) |
| 502221.98 | 3633625.90 | 10.25535 | (20051205) | 502271.98 | 3633625.90 | 9.57307 | (20051205) |
| 502321.98 | 3633625.90 | 9.73352 | (19020622) | 502371.98 | 3633625.90 | 10.11529 | (19020622) |
| 502421.98 | 3633625.90 | 10.45433 | (19020622) | 502471.98 | 3633625.90 | 10.38229 | (19020624) |
| 502521.98 | 3633625.90 | 10.80941 | (19020624) | 502571.98 | 3633625.90 | 10.86140 | (19020624) |
| 502621.98 | 3633625.90 | 10.70583 | (19020624) | 502671.98 | 3633625.90 | 10.26878 | (21111004) |
| 504771.98 | 3633625.90 | 13.25098 | (20111118) | 504821.98 | 3633625.90 | 13.72508 | (20082222) |
| 504871.98 | 3633625.90 | 14.24656 | (20082222) | 504921.98 | 3633625.90 | 14.40356 | (20082222) |
| 504971.98 | 3633625.90 | 14.36646 | (20082222) | 505021.98 | 3633625.90 | 13.59652 | (20082222) |
| 505071.98 | 3633625.90 | 11.71374 | (21011418) | 505121.98 | 3633625.90 | 10.52092 | (21011418) |
| 505171.98 | 3633625.90 | 9.56963 | (21011418) | 505221.98 | | | |

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3633625.90        9.81453  (20081722)
        502221.98   3633675.90       10.54089  (20051205)                502271.98
3633675.90       10.22462  (20051205)
        502321.98   3633675.90       10.20210  (20051205)                502371.98
3633675.90       10.02290  (20051205)
        502421.98   3633675.90       10.29040  (19020622)                502471.98
3633675.90       10.63957  (19020622)
        502521.98   3633675.90       10.92869  (19020622)                502571.98
3633675.90       11.13209  (19020624)
        502621.98   3633675.90       11.32869  (19020624)                502671.98
3633675.90       11.23160  (19020624)
        504771.98   3633675.90       14.67817  (20082222)                504821.98
3633675.90       15.49170  (20082222)
        504871.98   3633675.90       15.59668  (20082222)                504921.98
3633675.90       15.11474  (20082222)
        504971.98   3633675.90       14.15085  (20082222)                505021.98
3633675.90       12.81255  (20081722)
        505071.98   3633675.90       11.68611  (20081722)                505121.98
3633675.90        9.95005  (20081722)
        505171.98   3633675.90        9.26134  (20081722)                505221.98
3633675.90        9.71838  (20080422)
        502221.98   3633725.90       10.48314  (20051205)                502271.98
3633725.90       10.46402  (20051205)
        502321.98   3633725.90       10.74566  (20051205)                502371.98
3633725.90       10.85288  (20051205)
        502421.98   3633725.90       10.80801  (20051205)                502471.98
3633725.90       10.68907  (20051205)
        502521.98   3633725.90       10.89181  (19020622)                502571.98
3633725.90       11.30738  (19020622)
        502621.98   3633725.90       11.48298  (19020622)                502671.98
3633725.90       11.74509  (19020624)
        504771.98   3633725.90       16.61494  (20082222)                504821.98
3633725.90       16.35746  (20082222)
        504871.98   3633725.90       15.60895  (20082222)                504921.98
3633725.90       14.37486  (20080522)
        504971.98   3633725.90       13.54125  (20081722)                505021.98
3633725.90       12.80566  (20081722)
        505071.98   3633725.90       11.06400  (20081722)                505121.98
3633725.90        9.35083  (21091121)
        505171.98   3633725.90        9.75690  (20072623)                505221.98
3633725.90       10.48163  (20072623)
        502221.98   3633775.90       10.63503  (20081801)                502271.98
3633775.90       10.69359  (20081801)
        502321.98   3633775.90       11.04556  (20081801)                502371.98
3633775.90       11.21609  (20051205)
        502421.98   3633775.90       11.53813  (20051205)                502471.98
3633775.90       11.51847  (20051205)
        502521.98   3633775.90       11.55281  (20051205)                502571.98
3633775.90       11.30156  (20051205)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633775.90       11.54180  (19020622)               502671.98
3633775.90       11.90472  (19020622)
        504771.98   3633775.90       18.36447  (21120121)               504821.98
3633775.90       17.28904  (21021801)
        504871.98   3633775.90       15.92707  (20021024)               504921.98
3633775.90       14.35818  (20073102)
        504971.98   3633775.90       13.64372  (20080422)               505021.98
3633775.90       12.83852  (20080422)
        505071.98   3633775.90       11.32201  (20072623)               505121.98
3633775.90       10.30775  (20072623)
        505171.98   3633775.90       10.43750  (20072623)               505221.98
3633775.90       10.86417  (20072623)
        502221.98   3633825.90       10.54270  (20081801)               502271.98
3633825.90       10.72175  (20081801)
        502321.98   3633825.90       11.16795  (20081801)               502371.98
3633825.90       11.50857  (20081801)
        502421.98   3633825.90       11.72715  (20081801)               502471.98
3633825.90       11.82038  (20081801)
        502521.98   3633825.90       12.10872  (20051205)               502571.98
3633825.90       12.31938  (20051205)
        502621.98   3633825.90       12.33831  (20051205)               502671.98
3633825.90       11.89519  (21012317)
        504771.98   3633825.90       19.06619  (21011022)               504821.98
3633825.90       18.32717  (21122302)
        504871.98   3633825.90       14.87617  (20073102)               504921.98
3633825.90       13.78104  (20080422)
        504971.98   3633825.90       13.20063  (20080422)               505021.98
3633825.90       12.81096  (20072623)
        505071.98   3633825.90       11.89537  (20072623)               505121.98

3633825.90 10.49764 (20090223)
505171.98 3633825.90 10.56731 (20090223) 505221.98
3633825.90 10.66728 (20090223)
502221.98 3633875.90 10.07337 (20052001) 502271.98
3633875.90 10.24355 (20081801)
502321.98 3633875.90 10.89714 (20081801) 502371.98
3633875.90 11.29666 (20081801)
502421.98 3633875.90 11.77302 (20081801) 502471.98
3633875.90 12.06446 (20081801)
502521.98 3633875.90 12.43429 (20081801) 502571.98
3633875.90 12.70970 (20081801)
502621.98 3633875.90 13.04174 (20051205) 502671.98
3633875.90 13.14929 (20051205)
504771.98 3633875.90 19.83871 (21122302) 504821.98
3633875.90 17.97729 (21021921)
504871.98 3633875.90 15.06352 (20080422) 504921.98
3633875.90 13.72273 (20072623)
504971.98 3633875.90 12.94561 (20072623) 505021.98
3633875.90 11.99446 (20072623)
505071.98 3633875.90 11.62309 (20090223) 505121.98
3633875.90 10.93806 (20090223)
505171.98 3633875.90 10.93977 (20082223) 505221.98
3633875.90 11.90499 (20082223)
502221.98 3633925.90 10.44815 (20082804) 502271.98
3633925.90 10.18843 (21111003)
502321.98 3633925.90 10.53624 (21111003) 502371.98
3633925.90 10.65387 (20052001)
502421.98 3633925.90 11.29335 (20081801) 502471.98
3633925.90 11.81903 (20081801)
502521.98 3633925.90 12.40888 (20081801) 502571.98
3633925.90 12.93767 (20081801)
502621.98 3633925.90 13.36429 (20081801) 502671.98
3633925.90 13.57727 (20081801)
504771.98 3633925.90 20.07925 (21011720) 504821.98
3633925.90 17.79026 (21011221)
504871.98 3633925.90 15.36977 (20080523) 504921.98
3633925.90 13.64052 (20072623)
504971.98 3633925.90 12.29546 (20090223) 505021.98
3633925.90 11.74970 (20090223)
505071.98 3633925.90 11.40138 (20082223) 505121.98
3633925.90 11.79138 (20082223)
505171.98 3633925.90 12.54745 (20082223) 505221.98
3633925.90 12.90211 (20082223)
502221.98 3633975.90 12.03224 (20082804) 502271.98
3633975.90 11.62783 (20082804)
502321.98 3633975.90 11.54622 (20082804) 502371.98
3633975.90 11.46749 (20082804)
502421.98 3633975.90 11.24097 (20082804) 502471.98
3633975.90 11.42437 (21111003)
502521.98 3633975.90 11.88309 (20052001) 502571.98

*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
INCLUDING SOURCE(S):     FIRE        ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3                    **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 13.16433 | (20081801) | 502671.98 | 3633975.90 | 13.72740 | (20081801) |
| 504771.98 | 3633975.90 | 19.52695 | (20121406) | 504821.98 | 3633975.90 | 18.25579 | (21033120) |
| 504871.98 | 3633975.90 | 16.93301 | (21033120) | 504921.98 | 3633975.90 | 15.16205 | (19121305) |
| 504971.98 | 3633975.90 | 12.29133 | (20082223) | 505021.98 | 3633975.90 | 11.34321 | (20082223) |
| 505071.98 | 3633975.90 | 11.22542 | (20082223) | 505121.98 | 3633975.90 | 12.51939 | (20082223) |
| 505171.98 | 3633975.90 | 12.87178 | (20082223) | 505221.98 | 3633975.90 | 12.63374 | (20082223) |
| 502221.98 | 3634025.90 | 12.98294 | (20082804) | 502271.98 | 3634025.90 | 12.74613 | (20082804) |
| 502321.98 | 3634025.90 | 12.88284 | (20082804) | 502371.98 | 3634025.90 | 12.97119 | (20082804) |
| 502421.98 | 3634025.90 | 12.98594 | (20082804) | 502471.98 | 3634025.90 | 12.89617 | (20082804) |
| 502521.98 | 3634025.90 | 12.72234 | (20082804) | 502571.98 | 3634025.90 | 12.45276 | (20082804) |
| 502621.98 | 3634025.90 | 12.77151 | (20052001) | 502671.98 | 3634025.90 | 13.28770 | (20052001) |
| 504771.98 | 3634025.90 | 18.68864 | (19121305) | 504821.98 | 3634025.90 | 19.07434 | (19121305) |
| 504871.98 | 3634025.90 | 17.43622 | (19121305) | 504921.98 | 3634025.90 | 15.37030 | (20082223) |
| 504971.98 | 3634025.90 | 11.76248 | (20081222) | 505021.98 | | | |

3634025.90 11.06960 (20081222)
505071.98 3634025.90 10.94568 (20081222) 505121.98
3634025.90 11.64651 (20082223)
505171.98 3634025.90 12.27640 (20092021) 505221.98
3634025.90 12.22179 (20092021)
502221.98 3634075.90 12.73125 (20082804) 502271.98
3634075.90 12.94674 (20082804)
502321.98 3634075.90 13.30459 (20082804) 502371.98
3634075.90 13.62456 (20082804)
502421.98 3634075.90 13.86814 (20082804) 502471.98
3634075.90 14.15118 (20082804)
502521.98 3634075.90 14.45449 (20082804) 502571.98
3634075.90 14.81187 (20082804)
502621.98 3634075.90 14.45161 (20082804) 502671.98
3634075.90 14.48248 (20082804)
504771.98 3634075.90 19.51422 (19121305) 504821.98
3634075.90 18.31277 (20082223)
504871.98 3634075.90 15.77330 (20082223) 504921.98
3634075.90 13.03964 (20082223)
504971.98 3634075.90 11.39271 (20081222) 505021.98
3634075.90 10.52575 (20081222)
505071.98 3634075.90 10.39924 (20081222) 505121.98
3634075.90 11.03364 (20092021)
505171.98 3634075.90 11.83983 (20092021) 505221.98
3634075.90 11.69036 (20020703)
502221.98 3634125.90 11.62267 (19083104) 502271.98
3634125.90 12.20727 (20082804)
502321.98 3634125.90 12.69150 (20082804) 502371.98
3634125.90 13.34949 (20082804)
502421.98 3634125.90 13.89406 (20082804) 502471.98
3634125.90 14.45085 (20082804)
502521.98 3634125.90 14.98889 (20082804) 502571.98
3634125.90 15.52878 (20082804)
502621.98 3634125.90 16.39746 (20082804) 502671.98
3634125.90 17.17702 (20082804)
504771.98 3634125.90 16.46089 (20082223) 504821.98
3634125.90 15.24353 (20092021)
504871.98 3634125.90 13.53329 (20092021) 504921.98
3634125.90 11.07801 (20081222)
504971.98 3634125.90 10.64616 (21020219) 505021.98
3634125.90 10.22236 (21020219)
505071.98 3634125.90 10.64378 (21121518) 505121.98
3634125.90 11.61770 (21121518)
505171.98 3634125.90 11.92626 (21122121) 505221.98
3634125.90 12.73863 (21122121)
502221.98 3634175.90 11.03655 (19083104) 502271.98
3634175.90 11.48383 (19083104)
502321.98 3634175.90 11.82878 (19083104) 502371.98
3634175.90 12.98600 (19083104)
502421.98 3634175.90 13.38845 (19083104) 502471.98

3634175.90       13.77859  (19083104)
        502521.98   3634175.90       14.17260  (20082804)                502571.98
3634175.90       15.05333  (20082804)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634175.90       15.99454  (20082804)                502671.98
3634175.90       17.15373  (20082804)
        504771.98   3634175.90       12.88536  (21020219)                504821.98
3634175.90       12.06603  (21020219)
        504871.98   3634175.90       11.40963  (21020219)                504921.98
3634175.90       11.22550  (20080321)
        504971.98   3634175.90       11.13628  (20080321)                505021.98
3634175.90       11.43836  (20080321)
        505071.98   3634175.90       11.34033  (20080321)                505121.98
3634175.90       12.16461  (20080321)
        505171.98   3634175.90       12.95789  (19102022)                505221.98
3634175.90       13.80039  (19102022)
        502221.98   3634225.90       10.39907  (20031924)                502271.98
3634225.90       10.56212  (20031924)
        502321.98   3634225.90       11.05433  (19083104)                502371.98
3634225.90       12.04813  (19083104)
        502421.98   3634225.90       12.74312  (19083104)                502471.98
3634225.90       13.37968  (19083104)
        502521.98   3634225.90       13.92698  (19083104)                502571.98
3634225.90       14.73276  (19083104)
        502621.98   3634225.90       15.52761  (19083104)                502671.98
3634225.90       16.48971  (19083104)
        504771.98   3634225.90       11.00511  (20080321)                504821.98
3634225.90       10.42851  (20080321)
        504871.98   3634225.90       11.56843  (20080321)                504921.98

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3634225.90       11.57353  (20080321)
        504971.98   3634225.90       12.47733  (20080321)                505021.98
3634225.90       12.07618  (20080321)
        505071.98   3634225.90       11.69947  (20080321)                505121.98
3634225.90       12.03809  (20080321)
        505171.98   3634225.90       11.67589  (20080321)                505221.98
3634225.90       13.21941  (20013123)
        502221.98   3634275.90       10.48328  (20031924)                502271.98
3634275.90       10.73772  (20031924)
        502321.98   3634275.90       11.18094  (20031924)                502371.98
3634275.90       11.93846  (20031924)
        502421.98   3634275.90       12.34592  (20031924)                502471.98
3634275.90       12.71298  (20031924)
        502521.98   3634275.90       13.12716  (20031924)                502571.98
3634275.90       13.53309  (20031924)
        502621.98   3634275.90       14.06366  (20031924)                502671.98
3634275.90       14.88259  (19083104)
        504771.98   3634275.90       10.23363  (21062423)                504821.98
3634275.90       10.30353  (19031020)
        504871.98   3634275.90       11.29195  (19031020)                504921.98
3634275.90       11.97424  (19031020)
        504971.98   3634275.90       13.01199  (20092120)                505021.98
3634275.90       12.06931  (20092120)
        505071.98   3634275.90       11.92466  (20092120)                505121.98
3634275.90       12.82668  (20092120)
        505171.98   3634275.90       12.11708  (20092120)                505221.98
3634275.90       13.00317  (20092120)
        502221.98   3634325.90       10.33010  (21120323)                502271.98
3634325.90       10.64685  (21120323)
        502321.98   3634325.90       10.95382  (21120323)                502371.98
3634325.90       11.29679  (21120323)
        502421.98   3634325.90       11.68128  (20021803)                502471.98
3634325.90       12.09745  (20021803)
        502521.98   3634325.90       12.61222  (20021803)                502571.98
3634325.90       13.18979  (20021803)
        502621.98   3634325.90       13.84893  (20021803)                502671.98
3634325.90       14.77820  (20050203)
        504771.98   3634325.90       10.81688  (19031020)                504821.98
3634325.90       12.23389  (20092120)
        504871.98   3634325.90       13.27268  (20092120)                504921.98
3634325.90       14.53501  (20092120)
        504971.98   3634325.90       15.04898  (20092120)                505021.98
3634325.90       13.43795  (20092120)
        505071.98   3634325.90       13.10371  (20092120)                505121.98
3634325.90       14.09224  (20092120)
        505171.98   3634325.90       13.30783  (20092120)                505221.98
3634325.90       13.37990  (20092120)
        502221.98   3634375.90       10.38119  (19100903)                502271.98
3634375.90       10.64606  (19100903)
        502321.98   3634375.90       10.72320  (19100903)                502371.98
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3634375.90  10.93021  (20021807)
  502421.98  3634375.90  11.58611  (19100903)  502471.98
3634375.90  12.16906  (19100903)
  502521.98  3634375.90  12.99791  (20021803)  502571.98
3634375.90  13.74757  (20021803)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 14.29329 | (20021803) | 502671.98 | 3634375.90 | 14.87614 | (20021803) |
| 504771.98 | 3634375.90 | 12.32207 | (19032520) | 504821.98 | 3634375.90 | 14.76860 | (20092120) |
| 504871.98 | 3634375.90 | 14.97444 | (20092120) | 504921.98 | 3634375.90 | 15.30891 | (20092120) |
| 504971.98 | 3634375.90 | 14.88121 | (20092120) | 505021.98 | 3634375.90 | 13.34825 | (20092120) |
| 505071.98 | 3634375.90 | 13.16930 | (20092120) | 505121.98 | 3634375.90 | 14.26569 | (21021007) |
| 505171.98 | 3634375.90 | 13.22924 | (20092120) | 505221.98 | 3634375.90 | 12.76659 | (20092120) |
| 502221.98 | 3634425.90 | 12.08702 | (21021102) | 502271.98 | 3634425.90 | 12.46877 | (21021102) |
| 502321.98 | 3634425.90 | 12.73569 | (21021102) | 502371.98 | 3634425.90 | 13.02085 | (21021102) |
| 502421.98 | 3634425.90 | 13.68611 | (21021102) | 502471.98 | 3634425.90 | 14.04911 | (21021102) |
| 502521.98 | 3634425.90 | 14.63839 | (21021102) | 502571.98 | 3634425.90 | 15.22706 | (21021102) |
| 502621.98 | 3634425.90 | 15.94600 | (21021102) | 502671.98 | 3634425.90 | 16.73535 | (21021102) |
| 504771.98 | 3634425.90 | 15.29755 | (20041201) | 504821.98 | | | |

3634425.90 15.30717 (20041201)
504871.98 3634425.90 15.60052 (20011720) 504921.98
3634425.90 17.44731 (20011720)
504971.98 3634425.90 14.79722 (20011720) 505021.98
3634425.90 14.12732 (19041420)
505071.98 3634425.90 14.55315 (21101921) 505121.98
3634425.90 14.79006 (21101921)
505171.98 3634425.90 13.60091 (21101921) 505221.98
3634425.90 12.78353 (19041420)
502221.98 3634475.90 12.98942 (21021102) 502271.98
3634475.90 13.37799 (21021102)
502321.98 3634475.90 13.75858 (21021102) 502371.98
3634475.90 14.17817 (21021102)
502421.98 3634475.90 14.63688 (21021102) 502471.98
3634475.90 15.09897 (21021102)
502521.98 3634475.90 15.79096 (21021102) 502571.98
3634475.90 16.49353 (21021102)
502621.98 3634475.90 17.29366 (21021102) 502671.98
3634475.90 18.24098 (21021102)
504771.98 3634475.90 17.36186 (20041201) 504821.98
3634475.90 16.97028 (20041201)
504871.98 3634475.90 16.49452 (20041201) 504921.98
3634475.90 19.17771 (21013119)
504971.98 3634475.90 18.42372 (21013119) 505021.98
3634475.90 17.76089 (21013119)
505071.98 3634475.90 17.36787 (21013119) 505121.98
3634475.90 16.64051 (21013119)
505171.98 3634475.90 15.60369 (21013119) 505221.98
3634475.90 14.52258 (21013119)
502221.98 3634525.90 12.58510 (21021102) 502271.98
3634525.90 12.80891 (21021102)
502321.98 3634525.90 13.07695 (21021102) 502371.98
3634525.90 13.39811 (21021102)
502421.98 3634525.90 13.69822 (21021102) 502471.98
3634525.90 14.06220 (21021102)
502521.98 3634525.90 14.60390 (19101801) 502571.98
3634525.90 15.60686 (19101801)
502621.98 3634525.90 16.76939 (19101801) 502671.98
3634525.90 18.32956 (19101801)
504771.98 3634525.90 17.15017 (20041201) 504821.98
3634525.90 16.87898 (20041201)
504871.98 3634525.90 16.31053 (20041201) 504921.98
3634525.90 17.66871 (21090306)
504971.98 3634525.90 16.73219 (21090306) 505021.98
3634525.90 16.16556 (21090306)
505071.98 3634525.90 15.80607 (21013119) 505121.98
3634525.90 15.79634 (21013119)
505171.98 3634525.90 15.20214 (21013119) 505221.98
3634525.90 14.13893 (21013119)
502221.98 3634575.90 12.74339 (19101801) 502271.98

3634575.90       12.99023  (19101801)
        502321.98   3634575.90       13.45855  (19101801)                502371.98
3634575.90       14.04065  (19101801)
        502421.98   3634575.90       14.71205  (19101801)                502471.98
3634575.90       15.49123  (19101801)
        502521.98   3634575.90       16.32503  (19101801)                502571.98
3634575.90       17.30756  (19101801)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                  INCLUDING SOURCE(S):     FIRE        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3634625.90       17.24807  (19101801)
        504771.98   3634625.90       17.67814  (21020220)                504821.98
3634625.90       15.74133  (21020220)
        504871.98   3634625.90       15.53658  (21032601)                504921.98
3634625.90       15.45532  (21032601)
        504971.98   3634625.90       16.00934  (21032601)                505021.98
3634625.90       16.48655  (21032601)
        505071.98   3634625.90       16.33142  (21032601)                505121.98
3634625.90       15.43818  (21032601)
        505171.98   3634625.90       12.97397  (20081806)                505221.98
3634625.90       12.46217  (20081806)
        502221.98   3634675.90       12.61144  (19101801)                502271.98
3634675.90       12.93781  (19101801)
        502321.98   3634675.90       13.11452  (19101801)                502371.98
3634675.90       13.13500  (19101801)
        502421.98   3634675.90       13.62517  (19020620)                502471.98
3634675.90       14.45885  (19050903)
        502521.98   3634675.90       15.38333  (19050903)                502571.98
3634675.90       16.48161  (19050903)
        502621.98   3634675.90       17.62420  (19050903)                502671.98
3634675.90       18.64549  (19050903)
        504771.98   3634675.90       13.08983  (19081821)                504821.98
3634675.90       12.84203  (19081821)
        504871.98   3634675.90       13.56948  (21020220)                504921.98
3634675.90       14.00108  (21020220)
        504971.98   3634675.90       14.66335  (21020220)                505021.98
3634675.90       16.36142  (21020220)
        505071.98   3634675.90       16.48306  (21032601)                505121.98
3634675.90       16.00950  (21032601)
        505171.98   3634675.90       13.58529  (21032601)                505221.98
3634675.90       12.53273  (20081806)
        502221.98   3634725.90       12.15962  (19050903)                502271.98
3634725.90       12.78398  (19050903)
        502321.98   3634725.90       13.11992  (19050903)                502371.98
3634725.90       13.66229  (19050903)
        502421.98   3634725.90       14.47489  (19050903)                502471.98
3634725.90       15.11117  (19050903)
        502521.98   3634725.90       15.55273  (19050903)                502571.98
3634725.90       16.15495  (19050903)
        502621.98   3634725.90       16.49277  (19050903)                502671.98
3634725.90       17.19493  (20030821)
        504771.98   3634725.90       12.91879  (20102019)                504821.98
3634725.90       12.23857  (20102019)
        504871.98   3634725.90       11.85698  (19030607)                504921.98
3634725.90       12.27321  (19022319)
        504971.98   3634725.90       12.73220  (19022319)                505021.98
3634725.90       13.76507  (21020220)
        505071.98   3634725.90       13.38102  (19022319)                505121.98
3634725.90       13.17621  (21032601)
        505171.98   3634725.90       12.42723  (19022319)                505221.98
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3634725.90       11.82197  (20081806)
        502221.98   3634775.90       12.88987  (19050903)                502271.98
3634775.90       13.33682  (19050903)
        502321.98   3634775.90       13.10372  (19050903)                502371.98
3634775.90       13.19883  (19050903)
        502421.98   3634775.90       13.27512  (19050903)                502471.98
3634775.90       13.36780  (19050903)
        502521.98   3634775.90       14.25849  (20030821)                502571.98
3634775.90       14.92757  (20030821)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634775.90       15.58831  (20030821)                502671.98
3634775.90       16.38089  (21011903)
        504771.98   3634775.90       13.90480  (20072505)                504821.98
3634775.90       13.00780  (20072505)
        504871.98   3634775.90       12.20770  (20102019)                504921.98
3634775.90       12.42334  (20102019)
        504971.98   3634775.90       13.22964  (20102019)                505021.98
3634775.90       12.94721  (20102019)
        505071.98   3634775.90       12.74811  (19022319)                505121.98
3634775.90       12.68504  (19022319)
        505171.98   3634775.90       12.12027  (19022319)                505221.98
3634775.90       11.49094  (19022319)
        502221.98   3634825.90       12.40170  (19050903)                502271.98
3634825.90       12.43600  (19050903)
        502321.98   3634825.90       12.16931  (19050903)                502371.98
3634825.90       12.50661  (20030821)
        502421.98   3634825.90       12.69790  (20030821)                502471.98
3634825.90       12.82698  (19020604)
        502521.98   3634825.90       13.83587  (21011903)                502571.98

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3634825.90       14.79848  (21011903)
        502621.98   3634825.90       15.91653  (19022707)                502671.98
3634825.90       17.40773  (19022707)
        504771.98   3634825.90       14.01513  (20100618)                504821.98
3634825.90       13.00336  (20100618)
        504871.98   3634825.90       12.62022  (20072505)                504921.98
3634825.90       13.39092  (20072505)
        504971.98   3634825.90       13.84309  (20072505)                505021.98
3634825.90       12.41257  (19030607)
        505071.98   3634825.90       12.18874  (19030607)                505121.98
3634825.90       11.86150  (19030607)
        505171.98   3634825.90       11.09405  (19030607)                505221.98
3634825.90       10.44969  (19022319)
        502221.98   3634875.90       11.75318  (20030821)                502271.98
3634875.90       11.69219  (20030821)
        502321.98   3634875.90       11.94872  (19020604)                502371.98
3634875.90       12.40798  (21011903)
        502421.98   3634875.90       12.94429  (21011903)                502471.98
3634875.90       13.65826  (19022707)
        502521.98   3634875.90       14.62714  (19022707)                502571.98
3634875.90       15.59802  (19022707)
        502621.98   3634875.90       16.46625  (19022707)                502671.98
3634875.90       17.08170  (19022707)
        504771.98   3634875.90       16.52128  (20092620)                504821.98
3634875.90       15.05663  (20092620)
        504871.98   3634875.90       13.14216  (20092620)                504921.98
3634875.90       13.51873  (20100720)
        504971.98   3634875.90       13.51854  (20100720)                505021.98
3634875.90       12.08119  (20041904)
        505071.98   3634875.90       10.82036  (19030607)                505121.98
3634875.90       11.03699  (19030607)
        505171.98   3634875.90       10.65998  (19030607)                505221.98
3634875.90       10.43870  (19030607)
        502221.98   3634925.90       11.66245  (21011903)                502271.98
3634925.90       11.84200  (21011903)
        502321.98   3634925.90       12.41701  (19022707)                502371.98
3634925.90       13.07454  (19022707)
        502421.98   3634925.90       13.73094  (19022707)                502471.98
3634925.90       14.16145  (19022707)
        502521.98   3634925.90       14.64560  (19022707)                502571.98
3634925.90       14.85366  (19022707)
        502621.98   3634925.90       14.77093  (21031605)                502671.98
3634925.90       15.41184  (21031605)
        504771.98   3634925.90       16.89988  (20092620)                504821.98
3634925.90       16.35024  (20092620)
        504871.98   3634925.90       15.33516  (20092620)                504921.98
3634925.90       14.98679  (20092620)
        504971.98   3634925.90       14.36761  (20092620)                505021.98
3634925.90       12.71751  (20041904)
        505071.98   3634925.90       11.05058  (20041904)                505121.98
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 14.29700 | (20040402) | 502671.98 | 3634975.90 | 14.82453 | (20040402) |
| 504821.98 | 3634975.90 | 15.73222 | (20092620) | 504871.98 | 3634975.90 | 15.75897 | (20092620) |
| 504921.98 | 3634975.90 | 15.61871 | (20092620) | 504971.98 | 3634975.90 | 16.32945 | (20092620) |
| 505021.98 | 3634975.90 | 14.55558 | (20092620) | 505071.98 | 3634975.90 | 11.90087 | (20092620) |
| 505121.98 | 3634975.90 | 12.00682 | (20041904) | 505171.98 | 3634975.90 | 11.48329 | (20041904) |
| 505221.98 | 3634975.90 | 10.78226 | (20041904) | 502221.98 | 3635025.90 | 12.44331 | (19022707) |
| 502271.98 | 3635025.90 | 12.56744 | (19022707) | 502321.98 | 3635025.90 | 12.55030 | (19022707) |
| 502371.98 | 3635025.90 | 12.37898 | (19022707) | 502421.98 | 3635025.90 | 12.20506 | (21031605) |
| 502471.98 | 3635025.90 | 12.47625 | (20040402) | 502521.98 | | | |

3635025.90 12.98740 (20040402)
502571.98 3635025.90 13.34483 (21031001) 502621.98
3635025.90 13.65929 (21031001)
502671.98 3635025.90 14.29484 (19010517) 504871.98
3635025.90 14.41402 (20092620)
504921.98 3635025.90 15.06127 (20092620) 504971.98
3635025.90 16.33629 (20092620)
505021.98 3635025.90 16.05876 (20092620) 505071.98
3635025.90 14.77665 (20092620)
505121.98 3635025.90 13.96786 (20092620) 505171.98
3635025.90 12.66900 (20092620)
505221.98 3635025.90 11.57071 (20041904) 502221.98
3635075.90 11.91277 (19022707)
502271.98 3635075.90 11.65255 (19022707) 502321.98
3635075.90 11.50788 (21031605)
502371.98 3635075.90 11.75271 (20040402) 502421.98
3635075.90 12.07150 (20040402)
502471.98 3635075.90 12.39931 (21031001) 502521.98
3635075.90 12.62783 (21031001)
502571.98 3635075.90 13.07341 (19042122) 502621.98
3635075.90 13.79195 (20031921)
502671.98 3635075.90 14.69502 (20031921) 504921.98
3635075.90 13.10532 (20092620)
504971.98 3635075.90 14.18744 (20092620) 505021.98
3635075.90 15.71644 (20092620)
505071.98 3635075.90 15.66579 (20092620) 505121.98
3635075.90 15.07608 (20092620)
505171.98 3635075.90 14.12508 (20092620) 505221.98
3635075.90 13.19728 (20092620)
502221.98 3635125.90 10.82741 (21031605) 502271.98
3635125.90 11.04732 (20040402)
502321.98 3635125.90 11.30955 (21031001) 502371.98
3635125.90 11.59764 (21031001)
502421.98 3635125.90 11.76629 (21031001) 502471.98
3635125.90 12.09436 (19042122)
502521.98 3635125.90 12.49904 (20031921) 502571.98
3635125.90 13.25739 (20031921)
502621.98 3635125.90 13.69563 (20031921) 502671.98
3635125.90 15.58701 (19013101)
505021.98 3635125.90 13.05708 (20092620) 505071.98
3635125.90 13.96551 (20092620)
505121.98 3635125.90 14.10888 (20092620) 505171.98
3635125.90 13.97605 (20092620)
505221.98 3635125.90 13.87947 (20092620) 502221.98
3635175.90 10.75384 (21031001)
502271.98 3635175.90 10.94377 (21031001) 502321.98
3635175.90 11.09849 (21031001)
502371.98 3635175.90 11.34869 (19042122) 502421.98
3635175.90 11.57959 (19042122)
502471.98 3635175.90 12.01781 (20031921) 502521.98

3635175.90       12.38690  (20031921)
        502571.98   3635175.90       13.76203  (19013101)                502621.98
3635175.90       15.48225  (19013101)
        502671.98   3635175.90       16.72950  (19013101)                505121.98
3635175.90       12.96006  (20092620)
        505171.98   3635175.90       13.44680  (20092620)                505221.98
3635175.90       13.56748  (20092620)
        502221.98   3635225.90       10.55952  (21031001)                502271.98
3635225.90       10.73773  (19042122)
        502321.98   3635225.90       10.94395  (19042122)                502371.98
3635225.90       11.25056  (20031921)
        502421.98   3635225.90       11.56558  (20031921)                502471.98
3635225.90       12.41003  (19013101)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                   INCLUDING SOURCE(S):     FIRE        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635325.90 10.55656 (20031921)
502321.98 3635325.90 11.65532 (19013101) 502371.98
3635325.90 12.67077 (19013101)
502421.98 3635325.90 13.47105 (19013101) 502471.98
3635325.90 13.94108 (19013101)
502521.98 3635325.90 13.95417 (19013101) 502571.98
3635325.90 14.45241 (20122320)
502621.98 3635325.90 15.09135 (20122320) 502671.98
3635325.90 15.40830 (21012023)
502221.98 3635375.90 10.78123 (19013101) 502271.98
3635375.90 11.89929 (19013101)
502321.98 3635375.90 12.71200 (19013101) 502371.98
3635375.90 13.26043 (19013101)
502421.98 3635375.90 13.43884 (19013101) 502471.98
3635375.90 13.17205 (19013101)
502521.98 3635375.90 14.02485 (20122320) 502571.98
3635375.90 14.35936 (20122320)
502621.98 3635375.90 14.76988 (21012023) 502671.98
3635375.90 15.02479 (21012023)
502221.98 3635425.90 11.89718 (19013101) 502271.98
3635425.90 12.66098 (19013101)
502321.98 3635425.90 13.00673 (19013101) 502371.98
3635425.90 12.98980 (19013101)
502421.98 3635425.90 13.04403 (20122320) 502471.98
3635425.90 13.58396 (20122320)
502521.98 3635425.90 13.68786 (20122320) 502571.98
3635425.90 14.21248 (21012023)
502621.98 3635425.90 14.22342 (21012023) 502671.98
3635425.90 14.07944 (20122721)
504771.98 3635425.90 14.60675 (19030801) 502221.98
3635475.90 12.43216 (19013101)
502271.98 3635475.90 12.64105 (19013101) 502321.98
3635475.90 12.46003 (19013101)
502371.98 3635475.90 12.88671 (20122320) 502421.98
3635475.90 13.23774 (20122320)
502471.98 3635475.90 13.18763 (21012023) 502521.98
3635475.90 13.72825 (21012023)
502571.98 3635475.90 13.58110 (21012023) 502621.98
3635475.90 13.64699 (20122721)
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3635475.90 14.21672 (20043024)
504821.98 3635475.90 13.93982 (19030801) 504871.98
3635475.90 13.27286 (19030801)
504921.98 3635475.90 11.99381 (19030801) 502221.98
3635525.90 12.12945 (19013101)
502271.98 3635525.90 12.09849 (20122320) 502321.98
3635525.90 12.67796 (20122320)
502371.98 3635525.90 12.89079 (20122320) 502421.98
3635525.90 13.03866 (21012023)
502471.98 3635525.90 13.27188 (21012023) 502521.98

3635525.90       13.00243  (21012023)
        502571.98   3635525.90       13.24599  (20122721)                502621.98
3635525.90       13.98954  (20122721)
        502671.98   3635525.90       14.09798  (20122721)                502721.98
3635525.90       13.47027  (20122721)
        502771.98   3635525.90       13.16889  (19031105)                502821.98
3635525.90       13.12891  (21121424)
        502871.98   3635525.90       14.83026  (21121424)                502921.98
3635525.90       15.36995  (21121424)
        502971.98   3635525.90       14.61869  (19112801)                503021.98
3635525.90       16.10838  (19112801)
        503071.98   3635525.90       16.77263  (19121706)                503121.98
3635525.90       17.20375  (19121706)
        503171.98   3635525.90       15.39612  (20040204)                503221.98
3635525.90       16.87233  (20070104)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                    INCLUDING SOURCE(S):     FIRE        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635525.90 22.47346 (19062722)
503971.98 3635525.90 20.51626 (19070222) 504021.98
3635525.90 18.78484 (20092506)
504071.98 3635525.90 18.88516 (19061921) 504121.98
3635525.90 18.52118 (19050322)
504171.98 3635525.90 17.79398 (21071621) 504221.98
3635525.90 19.20891 (21013118)
504271.98 3635525.90 17.91842 (21013118) 504321.98
3635525.90 15.27215 (19080523)
504371.98 3635525.90 14.93745 (19061821) 504421.98
3635525.90 13.63887 (19061821)
504471.98 3635525.90 13.56512 (19060920) 504521.98
3635525.90 12.95264 (19061724)
504571.98 3635525.90 12.18025 (19032022) 504621.98
3635525.90 12.07503 (19032022)
504671.98 3635525.90 11.77213 (20102224) 504721.98
3635525.90 12.96881 (20043024)
504771.98 3635525.90 13.86389 (20043024) 504821.98
3635525.90 13.68860 (20043024)
504871.98 3635525.90 13.45028 (19030801) 504921.98
3635525.90 12.91057 (19030801)
504971.98 3635525.90 11.57022 (19030801) 505021.98
3635525.90 10.56256 (21010717)
505071.98 3635525.90 10.80435 (21012617) 505121.98
3635525.90 10.79483 (21012617)
505171.98 3635525.90 10.41374 (21012617) 505221.98
3635525.90 10.39425 (20102020)
502221.98 3635575.90 11.88254 (20122320) 502271.98
3635575.90 12.42421 (20122320)
502321.98 3635575.90 12.50318 (20122320) 502371.98
3635575.90 12.79534 (21012023)
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3635575.90 12.49491 (21012023)
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3635575.90 13.56894 (20122721)
502621.98 3635575.90 13.61541 (20122721) 502671.98
3635575.90 12.99481 (20122721)
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3635575.90 12.46015 (21121424)
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3635575.90 14.66319 (21121424)
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3635575.90 14.94040 (19112801)
503021.98 3635575.90 15.23064 (19112801) 503071.98
3635575.90 16.07987 (19121706)
503121.98 3635575.90 15.13302 (19121706) 503171.98
3635575.90 15.26840 (20070104)
503221.98 3635575.90 15.45330 (20070104) 503271.98
3635575.90 15.91196 (21021621)
503321.98 3635575.90 16.46648 (20101905) 503371.98

3635575.90  16.91651  (19050823)
  503421.98  3635575.90  17.59419  (20100906)  503471.98
3635575.90  17.71815  (19080122)
  503521.98  3635575.90  20.40310  (20120224)  503571.98
3635575.90  22.10688  (19072124)
  503621.98  3635575.90  20.70987  (19072124)  503671.98
3635575.90  19.24584  (19072123)
  503721.98  3635575.90  20.05612  (21050621)  503771.98
3635575.90  22.33795  (21041324)
  503821.98  3635575.90  23.46441  (19072223)  503871.98
3635575.90  20.95368  (19072223)
  503921.98  3635575.90  20.40397  (19071923)  503971.98
3635575.90  18.97081  (19070222)
  504021.98  3635575.90  17.09509  (20092506)  504071.98
3635575.90  17.43736  (19061921)
  504121.98  3635575.90  17.10325  (19050322)  504171.98
3635575.90  16.81345  (21071621)



*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 17.49725 | (21013118) | 504271.98 | 3635575.90 | 17.83112 | (21013118) |
| 504321.98 | 3635575.90 | 15.12916 | (21013118) | 504371.98 | 3635575.90 | 14.00350 | (19061821) |
| 504421.98 | 3635575.90 | 13.55720 | (19061821) | 504471.98 | 3635575.90 | 12.86511 | (19060920) |
| 504521.98 | 3635575.90 | 12.61640 | (19060920) | 504571.98 | 3635575.90 | 12.17903 | (19112903) |
| 504621.98 | 3635575.90 | 11.75673 | (19032022) | 504671.98 | 3635575.90 | 11.50627 | (19032022) |
| 504721.98 | 3635575.90 | 11.39885 | (20102224) | 504771.98 | | | |

3635575.90 12.88725 (20043024)
504821.98 3635575.90 13.50734 (20043024) 504871.98
3635575.90 13.27090 (20043024)
504921.98 3635575.90 13.18858 (19030801) 504971.98
3635575.90 12.50578 (19030801)
505021.98 3635575.90 11.24132 (19030801) 505071.98
3635575.90 10.27232 (21010717)
505121.98 3635575.90 10.44089 (21012617) 505171.98
3635575.90 10.58046 (21012617)
505221.98 3635575.90 10.19191 (21012617) 502221.98
3635625.90 12.03059 (20122320)
502271.98 3635625.90 12.02582 (20122320) 502321.98
3635625.90 12.49594 (21012023)
502371.98 3635625.90 12.53766 (21012023) 502421.98
3635625.90 11.95836 (21012023)
502471.98 3635625.90 12.57029 (20122721) 502521.98
3635625.90 13.11370 (20122721)
502571.98 3635625.90 13.17669 (20122721) 502621.98
3635625.90 12.62741 (20122721)
502671.98 3635625.90 12.28561 (19031105) 502721.98
3635625.90 11.87446 (21121424)
502771.98 3635625.90 13.34977 (21121424) 502821.98
3635625.90 14.03158 (21121424)
502871.98 3635625.90 13.61403 (21121424) 502921.98
3635625.90 13.91720 (19112801)
502971.98 3635625.90 14.46545 (19112801) 503021.98
3635625.90 15.04239 (19121706)
503071.98 3635625.90 14.46472 (19121706) 503121.98
3635625.90 13.24788 (20070104)
503171.98 3635625.90 14.28679 (20070104) 503221.98
3635625.90 14.78746 (21021621)
503271.98 3635625.90 14.38311 (21021621) 503321.98
3635625.90 15.20344 (19042922)
503371.98 3635625.90 15.82831 (19050823) 503421.98
3635625.90 16.11557 (20100906)
503471.98 3635625.90 16.66760 (19080122) 503521.98
3635625.90 19.21975 (20120224)
503571.98 3635625.90 20.28302 (19072124) 503621.98
3635625.90 18.00493 (19072124)
503671.98 3635625.90 17.31759 (19080922) 503721.98
3635625.90 18.21572 (21050621)
503771.98 3635625.90 20.51897 (21041324) 503821.98
3635625.90 21.46682 (19072223)
503871.98 3635625.90 19.46459 (19072223) 503921.98
3635625.90 18.75405 (19071923)
503971.98 3635625.90 17.59635 (19070222) 504021.98
3635625.90 15.74986 (19091924)
504071.98 3635625.90 16.04857 (20092506) 504121.98
3635625.90 15.79589 (21050322)
504171.98 3635625.90 15.72770 (21071621) 504221.98

3635625.90       15.81149  (21013118)
        504271.98   3635625.90       17.06444  (21013118)                504321.98
3635625.90       15.67694  (21013118)
        504371.98   3635625.90       13.42051  (19080523)                504421.98
3635625.90       13.16677  (19061821)
        504471.98   3635625.90       12.27238  (19061821)                504521.98
3635625.90       12.30028  (19060920)
        504571.98   3635625.90       11.94657  (19061724)                504621.98
3635625.90       11.48443  (19112903)
        504671.98   3635625.90       11.34771  (19032022)                504721.98
3635625.90       10.99093  (19032022)
        504771.98   3635625.90       11.48818  (20043024)                504821.98
3635625.90       12.73832  (20043024)
        504871.98   3635625.90       13.22991  (20043024)                504921.98
3635625.90       12.95766  (20043024)
        504971.98   3635625.90       12.77824  (19030801)                505021.98
3635625.90       12.24792  (19030801)
        505071.98   3635625.90       11.12679  (19030801)                505121.98
3635625.90        9.99368  (21010717)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635675.90 12.20384 (20122721)
502621.98 3635675.90 11.94426 (19031105) 502671.98
3635675.90 11.43113 (21121424)
502721.98 3635675.90 12.80517 (21121424) 502771.98
3635675.90 13.50550 (21121424)
502821.98 3635675.90 13.28956 (21121424) 502871.98
3635675.90 13.06257 (19112801)
502921.98 3635675.90 13.78454 (19112801) 502971.98
3635675.90 14.22957 (19121706)
503021.98 3635675.90 14.25261 (19121706) 503071.98
3635675.90 12.69475 (19121706)
503121.98 3635675.90 13.16948 (20070104) 503171.98
3635675.90 13.63301 (21021621)
503221.98 3635675.90 13.98544 (21021621) 503271.98
3635675.90 13.94206 (20101905)
503321.98 3635675.90 14.76386 (19050823) 503371.98
3635675.90 14.73647 (20100906)
503421.98 3635675.90 14.87626 (21100603) 503471.98
3635675.90 16.70108 (20120224)
503521.98 3635675.90 17.97283 (20120224) 503571.98
3635675.90 18.56795 (19072124)
503621.98 3635675.90 16.24165 (21021806) 503671.98
3635675.90 16.24215 (19080922)
503721.98 3635675.90 16.65131 (21050621) 503771.98
3635675.90 18.95781 (21041324)
503821.98 3635675.90 19.79274 (19072223) 503871.98
3635675.90 18.07866 (19072223)
503921.98 3635675.90 17.23892 (19071923) 503971.98
3635675.90 16.32033 (19070222)
504021.98 3635675.90 15.24183 (19072224) 504071.98
3635675.90 14.98692 (20092506)
504121.98 3635675.90 14.72505 (21050322) 504171.98
3635675.90 14.86933 (19050322)
504221.98 3635675.90 14.30196 (21013118) 504271.98
3635675.90 16.20525 (21013118)
504321.98 3635675.90 15.71119 (21013118) 504371.98
3635675.90 13.39580 (21013118)
504421.98 3635675.90 12.58172 (19061821) 504471.98
3635675.90 12.22125 (19061821)
504521.98 3635675.90 11.66342 (19060920) 504571.98
3635675.90 11.71395 (19060920)
504621.98 3635675.90 11.35695 (19112903) 504671.98
3635675.90 10.95101 (19032022)
504721.98 3635675.90 10.94668 (19032022) 504771.98
3635675.90 10.67303 (20102224)
504821.98 3635675.90 11.54652 (20043024) 504871.98
3635675.90 12.62771 (20043024)
504921.98 3635675.90 12.99389 (20043024) 504971.98
3635675.90 12.49551 (20043024)
505021.98 3635675.90 12.48994 (19030801) 505071.98

3635675.90       11.92463  (19030801)
        505121.98   3635675.90       10.71112  (19030801)                505171.98
3635675.90        9.72284  (21010717)
        505221.98   3635675.90       10.06692  (21012617)                502221.98
3635725.90       11.81977  (21012023)
        502271.98   3635725.90       11.66404  (21012023)                502321.98
3635725.90       11.26158  (20122721)
        502371.98   3635725.90       12.06836  (20122721)                502421.98
3635725.90       12.45004  (20122721)
        502471.98   3635725.90       12.39332  (20122721)                502521.98
3635725.90       11.82483  (20122721)
        502571.98   3635725.90       11.62290  (19031105)                502621.98
3635725.90       11.01536  (21121424)
        502671.98   3635725.90       12.35530  (21121424)                502721.98
3635725.90       13.11481  (21121424)
        502771.98   3635725.90       13.03304  (21121424)                502821.98
3635725.90       12.36024  (19112801)
        502871.98   3635725.90       13.21912  (19112801)                502921.98
3635725.90       13.52247  (19121706)
        502971.98   3635725.90       13.97490  (19121706)                503021.98
3635725.90       13.07071  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635725.90 14.33273 (19080122)
503471.98 3635725.90 16.44987 (20120224) 503521.98
3635725.90 16.85114 (19072124)
503571.98 3635725.90 17.03086 (19072124) 503621.98
3635725.90 15.34797 (21021806)
503671.98 3635725.90 15.27723 (19080922) 503721.98
3635725.90 15.34644 (21050621)
503771.98 3635725.90 17.68154 (21041324) 503821.98
3635725.90 18.40953 (19072223)
503871.98 3635725.90 16.93425 (19072223) 503921.98
3635725.90 15.99577 (19071923)
503971.98 3635725.90 15.22770 (19072224) 504021.98
3635725.90 14.78819 (19072224)
504071.98 3635725.90 14.00067 (20092506) 504121.98
3635725.90 13.76115 (19061921)
504171.98 3635725.90 14.11152 (19050322) 504221.98
3635725.90 13.45847 (21071621)
504271.98 3635725.90 15.09368 (21013118) 504321.98
3635725.90 15.52391 (21013118)
504371.98 3635725.90 13.88367 (21013118) 504421.98
3635725.90 12.10275 (19080523)
504471.98 3635725.90 11.94641 (19061821) 504521.98
3635725.90 11.25602 (19061821)
504571.98 3635725.90 11.38439 (19060920) 504621.98
3635725.90 11.12611 (19061724)
504671.98 3635725.90 10.89130 (19112903) 504721.98
3635725.90 10.68729 (19032022)
504771.98 3635725.90 10.55755 (19032022) 504821.98
3635725.90 10.49232 (20102224)
504871.98 3635725.90 11.66704 (20043024) 504921.98
3635725.90 12.52494 (20043024)
504971.98 3635725.90 12.62362 (20043024) 505021.98
3635725.90 12.23009 (19030801)
505071.98 3635725.90 12.19678 (19030801) 505121.98
3635725.90 11.50833 (19030801)
505171.98 3635725.90 10.45565 (19030801) 505221.98
3635725.90 9.45712 (21010717)
502221.98 3635775.90 11.24923 (21012023) 502271.98
3635775.90 11.06584 (20122721)
502321.98 3635775.90 11.79825 (20122721) 502371.98
3635775.90 12.16668 (20122721)
502421.98 3635775.90 12.06910 (20122721) 502471.98
3635775.90 11.52342 (20122721)
502521.98 3635775.90 11.30294 (19031105) 502571.98
3635775.90 10.69771 (19031105)
502621.98 3635775.90 11.89577 (21121424) 502671.98
3635775.90 12.71472 (21121424)
502721.98 3635775.90 12.81406 (21121424) 502771.98
3635775.90 12.05520 (21121424)
502821.98 3635775.90 12.69848 (19112801) 502871.98

3635775.90       12.88679  (19112801)
        502921.98   3635775.90       13.54193  (19121706)                502971.98
3635775.90       13.08917  (19121706)
        503021.98   3635775.90       11.52688  (19121706)                503071.98
3635775.90       12.18928  (20070104)
        503121.98   3635775.90       12.64235  (21021621)                503171.98
3635775.90       12.86109  (21021621)
        503221.98   3635775.90       12.82433  (20101905)                503271.98
3635775.90       13.52212  (19050823)
        503321.98   3635775.90       13.63376  (19050823)                503371.98
3635775.90       13.53142  (21100603)
        503421.98   3635775.90       13.99831  (20120224)                503471.98
3635775.90       16.06854  (20120224)
        503521.98   3635775.90       16.25094  (19072124)                503571.98
3635775.90       15.59183  (19072124)
        503621.98   3635775.90       14.65453  (21021806)                503671.98
3635775.90       14.40300  (19080922)
        503721.98   3635775.90       14.38489  (21041324)                503771.98
3635775.90       16.61211  (21041324)
        503821.98   3635775.90       17.22712  (19072223)                503871.98
3635775.90       15.89491  (19072223)
        503921.98   3635775.90       14.84301  (19071923)                503971.98
3635775.90       14.58194  (19072224)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635775.90 13.92835 (21013118)
504321.98 3635775.90 15.03131 (21013118) 504371.98
3635775.90 14.17208 (21013118)
504421.98 3635775.90 11.86286 (19071722) 504471.98
3635775.90 11.50221 (19061821)
504521.98 3635775.90 11.25894 (19061821) 504571.98
3635775.90 10.89246 (19060920)
504621.98 3635775.90 10.98252 (19060920) 504671.98
3635775.90 10.73759 (19112903)
504721.98 3635775.90 10.45350 (19112903) 504771.98
3635775.90 10.40876 (19032022)
504821.98 3635775.90 10.17859 (19032022) 504871.98
3635775.90 10.38897 (20043024)
504921.98 3635775.90 11.65097 (20043024) 504971.98
3635775.90 12.26308 (20043024)
505021.98 3635775.90 12.30461 (20043024) 505071.98
3635775.90 12.03227 (19030801)
505121.98 3635775.90 11.86706 (19030801) 505171.98
3635775.90 11.22976 (19030801)
505221.98 3635775.90 10.20784 (19030801) 502221.98
3635825.90 10.83940 (20122721)
502271.98 3635825.90 11.54866 (20122721) 502321.98
3635825.90 11.86243 (20122721)
502371.98 3635825.90 11.77896 (20122721) 502421.98
3635825.90 11.23101 (20122721)
502471.98 3635825.90 11.05524 (19031105) 502521.98
3635825.90 10.47297 (19031105)
502571.98 3635825.90 11.49242 (21121424) 502621.98
3635825.90 12.35690 (21121424)
502671.98 3635825.90 12.55177 (21121424) 502721.98
3635825.90 11.97952 (21121424)
502771.98 3635825.90 12.20962 (19112801) 502821.98
3635825.90 12.57482 (19112801)
502871.98 3635825.90 12.98291 (19121706) 502921.98
3635825.90 13.01726 (19121706)
502971.98 3635825.90 11.83421 (19121706) 503021.98
3635825.90 11.53006 (20070104)
503071.98 3635825.90 11.96888 (20070104) 503121.98
3635825.90 12.50686 (21021621)
503171.98 3635825.90 12.18135 (21021621) 503221.98
3635825.90 12.55571 (20101905)
503271.98 3635825.90 13.18222 (19050823) 503321.98
3635825.90 13.01271 (20100906)
503371.98 3635825.90 13.02246 (21100603) 503421.98
3635825.90 14.37011 (20120224)
503471.98 3635825.90 15.56296 (20120224) 503521.98
3635825.90 15.88569 (19072124)
503571.98 3635825.90 14.64938 (19072124) 503621.98
3635825.90 14.38621 (21021806)
503671.98 3635825.90 13.66653 (19080922) 503721.98

3635825.90       13.87463  (21041324)
        503771.98   3635825.90       15.70681  (21041324)                503821.98
3635825.90       16.24074  (19072223)
        503871.98   3635825.90       15.08967  (19072223)                503921.98
3635825.90       13.97454  (19071923)
        503971.98   3635825.90       14.00694  (19072224)                504021.98
3635825.90       13.95272  (19072224)
        504071.98   3635825.90       12.84009  (19072224)                504121.98
3635825.90       12.24950  (21070323)
        504171.98   3635825.90       12.58924  (19050322)                504221.98
3635825.90       12.61786  (19050322)
        504271.98   3635825.90       12.71291  (21013118)                504321.98
3635825.90       14.31645  (21013118)
        504371.98   3635825.90       14.18349  (21013118)                504421.98
3635825.90       12.54359  (21013118)
        504471.98   3635825.90       11.12416  (19080523)                504521.98
3635825.90       11.06755  (19061821)
        504571.98   3635825.90       10.57784  (19061821)                504621.98
3635825.90       10.70461  (19060920)
        504671.98   3635825.90       10.57303  (19060920)                504721.98
3635825.90       10.42660  (19112903)
        504771.98   3635825.90       10.08881  (19032022)                504821.98
3635825.90       10.11740  (19032022)
        504871.98   3635825.90        9.91233  (20102224)                504921.98
3635825.90       10.48289  (20043024)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635825.90 11.76986 (19030801)
505171.98 3635825.90 11.57643 (19030801) 505221.98
3635825.90 10.93774 (19030801)
502221.98 3635875.90 11.28778 (20122721) 502271.98
3635875.90 11.58015 (20122721)
502321.98 3635875.90 11.47244 (20122721) 502371.98
3635875.90 10.97129 (20122721)
502421.98 3635875.90 10.81396 (19031105) 502471.98
3635875.90 10.28449 (19031105)
502521.98 3635875.90 11.09570 (21121424) 502571.98
3635875.90 12.00015 (21121424)
502621.98 3635875.90 12.28374 (21121424) 502671.98
3635875.90 11.87058 (21121424)
502721.98 3635875.90 11.70880 (19112801) 502771.98
3635875.90 12.23785 (19112801)
502821.98 3635875.90 12.48673 (19121706) 502871.98
3635875.90 12.75400 (19121706)
502921.98 3635875.90 12.13220 (19121706) 502971.98
3635875.90 10.73900 (20070104)
503021.98 3635875.90 11.51537 (20070104) 503071.98
3635875.90 11.95132 (21021621)
503121.98 3635875.90 12.11709 (21021621) 503171.98
3635875.90 11.63816 (20101905)
503221.98 3635875.90 12.35977 (19050823) 503271.98
3635875.90 12.67645 (19050823)
503321.98 3635875.90 12.42105 (21100603) 503371.98
3635875.90 12.57991 (19080122)
503421.98 3635875.90 14.49270 (20120224) 503471.98
3635875.90 15.08602 (20120224)
503521.98 3635875.90 15.38754 (19072124) 503571.98
3635875.90 14.31276 (21021806)
503621.98 3635875.90 13.52646 (21021806) 503671.98
3635875.90 13.02592 (19080922)
503721.98 3635875.90 13.48294 (21041324) 503771.98
3635875.90 14.93960 (21041324)
503821.98 3635875.90 15.42547 (19072223) 503871.98
3635875.90 14.39180 (19072223)
503921.98 3635875.90 13.23294 (19071923) 503971.98
3635875.90 13.48591 (19072224)
504021.98 3635875.90 13.57591 (19072224) 504071.98
3635875.90 12.67232 (19072224)
504121.98 3635875.90 11.77594 (20092506) 504171.98
3635875.90 11.95653 (21050322)
504221.98 3635875.90 12.21763 (19050322) 504271.98
3635875.90 11.54560 (21013118)
504321.98 3635875.90 13.52079 (21013118) 504371.98
3635875.90 13.93678 (21013118)
504421.98 3635875.90 12.80706 (21013118) 504471.98
3635875.90 11.00255 (19071722)
504521.98 3635875.90 10.76497 (19061821) 504571.98

3635875.90       10.58333  (19061821)
        504621.98   3635875.90       10.26946  (19060920)                504671.98
3635875.90       10.45462  (19060920)
        504721.98   3635875.90       10.25018  (19061724)                504771.98
3635875.90       10.07577  (19112903)
        504821.98   3635875.90        9.89589  (19032022)                504871.98
3635875.90        9.81355  (19032022)
        504921.98   3635875.90        9.76290  (20102224)                504971.98
3635875.90       10.49019  (20043024)
        505021.98   3635875.90       11.46312  (20043024)                505071.98
3635875.90       11.88711  (20043024)
        505121.98   3635875.90       11.73648  (20043024)                505171.98
3635875.90       11.52253  (19030801)
        505221.98   3635875.90       11.29388  (19030801)                502221.98
3635925.90       11.28931  (20122721)
        502271.98   3635925.90       11.17189  (20122721)                502321.98
3635925.90       10.67319  (20122721)
        502371.98   3635925.90       10.59871  (19031105)                502421.98
3635925.90       10.09290  (19031105)
        502471.98   3635925.90       10.75060  (21121424)                502521.98
3635925.90       11.65077  (21121424)
        502571.98   3635925.90       12.03035  (21121424)                502621.98
3635925.90       11.75090  (21121424)
        502671.98   3635925.90       11.21959  (19112801)                502721.98
3635925.90       11.87071  (19112801)
        502771.98   3635925.90       11.97704  (19121706)                502821.98
3635925.90       12.49117  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635925.90 10.91436 (19121706)
502971.98 3635925.90 10.90891 (20070104) 503021.98
3635925.90 11.25347 (21021621)
503071.98 3635925.90 11.80745 (21021621) 503121.98
3635925.90 11.54819 (21021621)
503171.98 3635925.90 11.49021 (20101905) 503221.98
3635925.90 12.17981 (19050823)
503271.98 3635925.90 12.09980 (19050823) 503321.98
3635925.90 12.12263 (21100603)
503371.98 3635925.90 12.61456 (20120224) 503421.98
3635925.90 14.44297 (20120224)
503471.98 3635925.90 14.70133 (20120224) 503521.98
3635925.90 14.60452 (19072124)
503571.98 3635925.90 14.02121 (21021806) 503621.98
3635925.90 12.63082 (21021806)
503671.98 3635925.90 12.47066 (19080922) 503721.98
3635925.90 13.14030 (21041324)
503771.98 3635925.90 14.30638 (21041324) 503821.98
3635925.90 14.75103 (19072223)
503871.98 3635925.90 13.86183 (19072223) 503921.98
3635925.90 12.62738 (19071923)
503971.98 3635925.90 13.01344 (19072224) 504021.98
3635925.90 13.22212 (19072224)
504071.98 3635925.90 12.49568 (19072224) 504121.98
3635925.90 11.38275 (20092506)
504171.98 3635925.90 11.44783 (21050322) 504221.98
3635925.90 11.82984 (19050322)
504271.98 3635925.90 11.44820 (19050322) 504321.98
3635925.90 12.68747 (21013118)
504371.98 3635925.90 13.56861 (21013118) 504421.98
3635925.90 12.96330 (21013118)
504471.98 3635925.90 11.15175 (21013118) 504521.98
3635925.90 10.41570 (19080523)
504571.98 3635925.90 10.45317 (19061821) 504621.98
3635925.90 10.04974 (19061821)
504671.98 3635925.90 10.18429 (19060920) 504721.98
3635925.90 10.14062 (19060920)
504771.98 3635925.90 9.98424 (19112903) 504821.98
3635925.90 9.70485 (19112903)
504871.98 3635925.90 9.66910 (19032022) 504921.98
3635925.90 9.49777 (19032022)
504971.98 3635925.90 9.59281 (20102224) 505021.98
3635925.90 10.49324 (20043024)
505071.98 3635925.90 11.30797 (20043024) 505121.98
3635925.90 11.63742 (20043024)
505171.98 3635925.90 11.43191 (20043024) 505221.98
3635925.90 11.24127 (19030801)
502221.98 3635975.90 10.86093 (20122721) 502271.98
3635975.90 10.40380 (19031105)
502321.98 3635975.90 10.33221 (19031105) 502371.98

3635975.90        9.90722  (19031105)
        502421.98   3635975.90       10.39364  (21121424)                502471.98
3635975.90       11.33571  (21121424)
        502521.98   3635975.90       11.77323  (21121424)                502571.98
3635975.90       11.62765  (21121424)
        502621.98   3635975.90       10.84720  (21121424)                502671.98
3635975.90       11.49469  (19112801)
        502721.98   3635975.90       11.69296  (19112801)                502771.98
3635975.90       12.16333  (19121706)
        502821.98   3635975.90       12.10263  (19121706)                502871.98
3635975.90       11.17082  (19121706)
        502921.98   3635975.90       10.34844  (20070104)                502971.98
3635975.90       10.83313  (20070104)
        503021.98   3635975.90       11.30365  (21021621)                503071.98
3635975.90       11.43944  (21021621)
        503121.98   3635975.90       10.98999  (21012818)                503171.98
3635975.90       11.50738  (19050823)
        503221.98   3635975.90       11.87079  (19050823)                503271.98
3635975.90       11.56284  (20100906)
        503321.98   3635975.90       11.75716  (21100603)                503371.98
3635975.90       12.86608  (20120224)
        503421.98   3635975.90       14.45255  (20120224)                503471.98
3635975.90       14.04168  (19072124)
        503521.98   3635975.90       13.74444  (19072124)                503571.98
3635975.90       13.15463  (21021806)
        503621.98   3635975.90       11.93472  (21021806)                503671.98
3635975.90       11.99535  (19080922)
        503721.98   3635975.90       12.85608  (21041324)                503771.98
3635975.90       13.79240  (21041324)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503821.98   3635975.90       14.19538  (19072223)                503871.98
3635975.90       13.39901  (19072223)
        503921.98   3635975.90       12.11662  (19071923)                503971.98
3635975.90       12.57991  (19072224)
        504021.98   3635975.90       12.88863  (19072224)                504071.98
3635975.90       12.31979  (19072224)
        504121.98   3635975.90       11.02370  (20092506)                504171.98
3635975.90       11.04089  (19050321)
        504221.98   3635975.90       11.45607  (19050322)                504271.98
3635975.90       11.31477  (19050322)
        504321.98   3635975.90       11.80691  (21013118)                504371.98
3635975.90       13.11808  (21013118)
        504421.98   3635975.90       13.02393  (21013118)                504471.98
3635975.90       11.68644  (21013118)
        504521.98   3635975.90       10.33361  (19071722)                504571.98
3635975.90       10.17220  (19061821)
        504621.98   3635975.90       10.00441  (19061821)                504671.98
3635975.90        9.72586  (19060920)
        504721.98   3635975.90        9.96094  (19060920)                504771.98
3635975.90        9.80553  (19061724)
        504821.98   3635975.90        9.70543  (19112903)                504871.98
3635975.90        9.40528  (19032022)
        504921.98   3635975.90        9.42604  (19032022)                504971.98
3635975.90        9.23498  (20102224)
        505021.98   3635975.90        9.41036  (20102224)                505071.98
3635975.90       10.48611  (20043024)
        505121.98   3635975.90       11.18389  (20043024)                505171.98
3635975.90       11.38966  (20043024)
        505221.98   3635975.90       11.13064  (20043024)                501721.98
3632475.90        5.53419  (19020407)
        501821.98   3632475.90        5.48839  (20021921)                501921.98
3632475.90        5.62549  (20021921)
        502021.98   3632475.90        6.02519  (21110905)                502121.98
3632475.90        7.10546  (21030103)
        502221.98   3632475.90        8.84205  (21030103)                502321.98
3632475.90        9.92606  (21030103)
        502421.98   3632475.90        9.91490  (21030103)                502521.98
3632475.90        9.51739  (20121603)
        502621.98   3632475.90       10.21411  (20121603)                502721.98
3632475.90        9.61475  (21063005)
        502821.98   3632475.90       11.05253  (20090205)                502921.98
3632475.90       11.29388  (20090205)
        503021.98   3632475.90       10.60895  (20102407)                503121.98
3632475.90       11.30707  (20111701)
        503221.98   3632475.90        9.84300  (20111701)                503321.98
3632475.90        9.17401  (20090124)
        503421.98   3632475.90       11.41554  (19110606)                503721.98
3632475.90       12.09010  (21020203)
        503821.98   3632475.90       11.03394  (21020203)                503921.98
```

3632475.90       11.24274  (20082921)
        504021.98   3632475.90        9.45444  (20082921)                504121.98
3632475.90        7.87783  (20022622)
        504221.98   3632475.90        7.43290  (20080921)                504321.98
3632475.90        6.96507  (21062104)
        504421.98   3632475.90        8.22633  (20081021)                504521.98
3632475.90        8.79111  (20081021)
        504621.98   3632475.90        7.04539  (21013021)                504721.98
3632475.90        6.36732  (20073022)
        504821.98   3632475.90        6.14848  (20073020)                504921.98
3632475.90        5.46427  (20072721)
        505021.98   3632475.90        5.18862  (21010102)                505121.98
3632475.90        5.20248  (20080120)
        505221.98   3632475.90        5.15274  (21021820)                505321.98
3632475.90        5.10888  (21011520)
        505421.98   3632475.90        4.94785  (19121906)                505521.98
3632475.90        4.93404  (19122301)
        505621.98   3632475.90        4.79431  (20122923)                505721.98
3632475.90        4.97611  (20080623)
        501721.98   3632575.90        5.68237  (19020407)                501821.98
3632575.90        5.82514  (19020407)
        501921.98   3632575.90        5.76384  (20021921)                502021.98
3632575.90        5.93380  (20021921)
        502121.98   3632575.90        6.37417  (21110905)                502221.98
3632575.90        7.68694  (21030103)
        502321.98   3632575.90        9.51728  (21030103)                502421.98
3632575.90       10.47717  (21030103)
        502521.98   3632575.90       10.13815  (21030103)                502621.98
3632575.90       10.29932  (20121603)
        502721.98   3632575.90       10.36659  (20121603)                502821.98
3632575.90       10.80485  (21063005)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)

| Y-COORD (M) | CONC | (YYMMDDHH) | | | |
|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 11.88180 | (20090205) | 503021.98 | 3632575.90 | 11.03561 | (20090205) |
| 503121.98 | 3632575.90 | 11.50847 | (20111701) | 503221.98 | 3632575.90 | 10.99181 | (20111701) |
| 503321.98 | 3632575.90 | 9.36237 | (20090124) | 503421.98 | 3632575.90 | 11.41292 | (19110606) |
| 503721.98 | 3632575.90 | 12.57476 | (21020203) | 503821.98 | 3632575.90 | 11.06963 | (21020203) |
| 503921.98 | 3632575.90 | 10.01547 | (20082921) | 504021.98 | 3632575.90 | 7.46695 | (20082921) |
| 504121.98 | 3632575.90 | 6.76142 | (20080922) | 504221.98 | 3632575.90 | 6.34636 | (20080922) |
| 504321.98 | 3632575.90 | 5.79292 | (19102905) | 504421.98 | 3632575.90 | 6.46916 | (20081021) |
| 504521.98 | 3632575.90 | 7.89804 | (20082321) | 504621.98 | 3632575.90 | 7.41475 | (20073022) |
| 504721.98 | 3632575.90 | 5.69073 | (20072721) | 504821.98 | 3632575.90 | 5.81171 | (20072721) |
| 504921.98 | 3632575.90 | 5.31195 | (21011323) | 505021.98 | 3632575.90 | 5.33252 | (20011902) |
| 505121.98 | 3632575.90 | 5.31003 | (19022705) | 505221.98 | 3632575.90 | 5.20790 | (20121007) |
| 505321.98 | 3632575.90 | 5.11702 | (19121906) | 505421.98 | 3632575.90 | 5.08680 | (19122301) |
| 505521.98 | 3632575.90 | 4.97279 | (20122923) | 505621.98 | 3632575.90 | 4.93004 | (19102119) |
| 505721.98 | 3632575.90 | 4.94324 | (20080220) | 501721.98 | 3632675.90 | 5.88009 | (19091703) |
| 501821.98 | 3632675.90 | 5.93482 | (19020407) | 501921.98 | 3632675.90 | 6.12550 | (19020407) |
| 502021.98 | 3632675.90 | 6.10300 | (19020407) | 502121.98 | 3632675.90 | 6.25998 | (20021921) |
| 502221.98 | 3632675.90 | 6.67203 | (21110905) | 502321.98 | 3632675.90 | 8.34953 | (21030103) |
| 502421.98 | 3632675.90 | 10.22081 | (21030103) | 502521.98 | 3632675.90 | 11.00372 | (21030103) |
| 502621.98 | 3632675.90 | 10.22650 | (21030103) | 502721.98 | 3632675.90 | 10.92487 | (20121603) |
| 502821.98 | 3632675.90 | 10.04969 | (20121603) | 502921.98 | 3632675.90 | 11.86264 | (20090205) |
| 503021.98 | 3632675.90 | 12.15035 | (20090205) | 503721.98 | 3632675.90 | 13.08159 | (20050102) |
| 503821.98 | 3632675.90 | 11.82972 | (21020203) | 503921.98 | 3632675.90 | 12.03018 | (20082921) |
| 504021.98 | 3632675.90 | 8.55395 | (20082921) | 504121.98 | 3632675.90 | 7.03863 | (20080922) |
| 504221.98 | 3632675.90 | 5.88917 | (20080922) | 504321.98 | | | |

3632675.90        5.91135  (19102905)
        504421.98   3632675.90        6.11888  (20081021)                504521.98
3632675.90        6.44635  (20083021)
        504621.98   3632675.90        6.25459  (20073022)                504721.98
3632675.90        5.89312  (20072721)
        504821.98   3632675.90        5.46136  (20072721)                504921.98
3632675.90        5.46117  (21010102)
        505021.98   3632675.90        5.36467  (19022705)                505121.98
3632675.90        5.39131  (21021820)
        505221.98   3632675.90        5.34583  (21011520)                505321.98
3632675.90        5.21707  (21010522)
        505421.98   3632675.90        5.14853  (20122923)                505521.98
3632675.90        5.12348  (20080623)
        505621.98   3632675.90        5.06006  (20080220)                505721.98
3632675.90        4.91544  (20012502)
        502421.98   3632775.90        8.86385  (21030103)                502521.98
3632775.90       10.75819  (21030103)
        502621.98   3632775.90       11.29634  (21030103)                502721.98
3632775.90       10.49528  (20121603)
        502821.98   3632775.90       11.01821  (20121603)                502921.98
3632775.90       10.96061  (20090205)
        503021.98   3632775.90       12.88027  (20090205)                503121.98
3632775.90       11.56765  (20090205)
        503221.98   3632775.90       12.26048  (20111701)                503621.98
3632775.90       12.43698  (19101521)
        503721.98   3632775.90       13.77650  (20050102)                503821.98
3632775.90       11.69743  (20082921)
        503921.98   3632775.90       12.84415  (20082921)                504021.98
3632775.90       10.28150  (20082921)
        504121.98   3632775.90        8.61221  (20080922)                504221.98
3632775.90        6.74719  (21062104)
        504321.98   3632775.90        5.86048  (19102905)                504421.98
3632775.90        5.98246  (20081021)


                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                INCLUDING SOURCE(S):     FIRE        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 6.28852 | (21013021) | 504621.98 | 3632775.90 | 5.88555 | (20072721) |
| 504721.98 | 3632775.90 | 5.73557 | (20072721) | 504821.98 | 3632775.90 | 5.40962 | (21010102) |
| 504921.98 | 3632775.90 | 5.52027 | (20011902) | 505021.98 | 3632775.90 | 5.54928 | (21021820) |
| 505121.98 | 3632775.90 | 5.52624 | (21011520) | 505221.98 | 3632775.90 | 5.39684 | (21010522) |
| 505321.98 | 3632775.90 | 5.31347 | (20122923) | 505421.98 | 3632775.90 | 5.21415 | (19102119) |
| 505521.98 | 3632775.90 | 5.24702 | (20080220) | 505621.98 | 3632775.90 | 5.24263 | (20080220) |
| 505721.98 | 3632775.90 | 5.08330 | (20081921) | 501721.98 | 3632875.90 | 6.25165 | (19091703) |
| 501821.98 | 3632875.90 | 6.57600 | (19091703) | 501921.98 | 3632875.90 | 6.68769 | (19091703) |
| 502021.98 | 3632875.90 | 6.52448 | (19091703) | 502121.98 | 3632875.90 | 6.80830 | (19020407) |
| 502221.98 | 3632875.90 | 6.72110 | (19020407) | 502321.98 | 3632875.90 | 6.90933 | (20021921) |
| 502421.98 | 3632875.90 | 7.46445 | (21110905) | 502521.98 | 3632875.90 | 9.83508 | (21030103) |
| 502621.98 | 3632875.90 | 11.67819 | (21030103) | 502721.98 | 3632875.90 | 11.77282 | (21030103) |
| 502821.98 | 3632875.90 | 11.00540 | (20121603) | 502921.98 | 3632875.90 | 11.07551 | (20121603) |
| 503021.98 | 3632875.90 | 11.94344 | (20090205) | 503121.98 | 3632875.90 | 13.39496 | (20090205) |
| 503221.98 | 3632875.90 | 12.01507 | (20111701) | 503321.98 | 3632875.90 | 12.01609 | (20111701) |
| 503421.98 | 3632875.90 | 10.56975 | (20090124) | 503621.98 | 3632875.90 | 13.50200 | (19101521) |
| 503721.98 | 3632875.90 | 14.52351 | (20050102) | 503821.98 | 3632875.90 | 12.22939 | (20082921) |
| 503921.98 | 3632875.90 | 11.75606 | (20082921) | 504021.98 | 3632875.90 | 9.02379 | (20032501) |
| 504121.98 | 3632875.90 | 8.45031 | (20080922) | 504221.98 | 3632875.90 | 6.34053 | (21062104) |
| 504321.98 | 3632875.90 | 6.20027 | (20081021) | 504421.98 | 3632875.90 | 6.15498 | (21013021) |
| 504521.98 | 3632875.90 | 6.04482 | (20073022) | 504621.98 | 3632875.90 | 5.97961 | (20073020) |
| 504721.98 | 3632875.90 | 5.57753 | (21011323) | 504821.98 | 3632875.90 | 5.61524 | (20011902) |
| 504921.98 | 3632875.90 | 5.63170 | (19022705) | 505021.98 | | | |

3632875.90        5.61972  (21011520)
        505121.98   3632875.90        5.53367  (21010522)                505221.98
3632875.90        5.46038  (20122923)
        505321.98   3632875.90        5.37267  (19102119)                505421.98
3632875.90        5.42053  (20080220)
        505521.98   3632875.90        5.32420  (20082901)                505621.98
3632875.90        5.74623  (20081921)
        505721.98   3632875.90        5.88525  (20111118)                501721.98
3632975.90        6.47623  (19020624)
        501821.98   3632975.90        6.44193  (19091703)                501921.98
3632975.90        6.88077  (19091703)
        502021.98   3632975.90        7.10354  (19091703)                502121.98
3632975.90        7.00569  (19091703)
        505321.98   3632975.90        5.61801  (20080220)                505421.98
3632975.90        5.69238  (20082901)
        505521.98   3632975.90        6.30584  (20111118)                505621.98
3632975.90        6.69431  (20111118)
        505721.98   3632975.90        6.43793  (20111118)                501721.98
3633075.90        7.41415  (19020624)
        501821.98   3633075.90        7.08873  (19020624)                501921.98
3633075.90        6.57179  (19091703)
        502021.98   3633075.90        7.13469  (19091703)                502121.98
3633075.90        7.49827  (19091703)
        505321.98   3633075.90        5.82522  (20082901)                505421.98
3633075.90        6.88403  (20111118)
        505521.98   3633075.90        7.44619  (20111118)                505621.98
3633075.90        7.40733  (20082222)
        505721.98   3633075.90        6.86126  (20082222)                501721.98
3633175.90        7.75725  (19020624)
        501821.98   3633175.90        7.89791  (19020624)                501921.98
3633175.90        7.74401  (19020624)
        502021.98   3633175.90        7.32118  (19020624)                502121.98
3633175.90        7.27125  (19091703)
        505321.98   3633175.90        7.12624  (20111118)                505421.98
3633175.90        7.63972  (20111118)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                    INCLUDING SOURCE(S):     FIRE        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 8.12586 | (20082222) | 505621.98 | 3633175.90 | 8.35615 | (20082222) |
| 505721.98 | 3633175.90 | 7.27040 | (21011418) | 501721.98 | 3633275.90 | 7.84400 | (19020622) |
| 501821.98 | 3633275.90 | 8.09163 | (19020622) | 501921.98 | 3633275.90 | 8.37669 | (19020624) |
| 502021.98 | 3633275.90 | 8.47589 | (19020624) | 502121.98 | 3633275.90 | 8.03354 | (19020624) |
| 505321.98 | 3633275.90 | 8.20136 | (20111118) | 505421.98 | 3633275.90 | 7.88123 | (21011418) |
| 505521.98 | 3633275.90 | 8.37860 | (20082222) | 505621.98 | 3633275.90 | 8.12683 | (21011418) |
| 505721.98 | 3633275.90 | 7.35170 | (20081722) | 501721.98 | 3633375.90 | 7.76780 | (21012317) |
| 501821.98 | 3633375.90 | 8.00364 | (19020622) | 501921.98 | 3633375.90 | 8.42695 | (19020622) |
| 502021.98 | 3633375.90 | 8.60046 | (19020624) | 502121.98 | 3633375.90 | 8.94623 | (19020624) |
| 505321.98 | 3633375.90 | 9.33610 | (20082222) | 505421.98 | 3633375.90 | 8.30505 | (21011418) |
| 505521.98 | 3633375.90 | 7.85704 | (21011418) | 505621.98 | 3633375.90 | 8.13146 | (20081722) |
| 505721.98 | 3633375.90 | 7.68792 | (20080422) | 501721.98 | 3633475.90 | 8.40170 | (20051205) |
| 501821.98 | 3633475.90 | 8.56916 | (20051205) | 501921.98 | 3633475.90 | 8.54871 | (20051205) |
| 502021.98 | 3633475.90 | 8.74156 | (19020622) | 502121.98 | 3633475.90 | 9.06257 | (19020622) |
| 505321.98 | 3633475.90 | 9.42910 | (21011418) | 505421.98 | 3633475.90 | 7.82985 | (21011418) |
| 505521.98 | 3633475.90 | 7.65168 | (20081722) | 505621.98 | 3633475.90 | 8.12514 | (20080422) |
| 505721.98 | 3633475.90 | 8.45581 | (20080422) | 501721.98 | 3633575.90 | 8.40829 | (20081801) |
| 501821.98 | 3633575.90 | 8.76659 | (20051205) | 501921.98 | 3633575.90 | 9.20234 | (20051205) |
| 502021.98 | 3633575.90 | 9.39780 | (20051205) | 502121.98 | 3633575.90 | 9.78348 | (20051205) |
| 505321.98 | 3633575.90 | 8.87879 | (20081722) | 505421.98 | 3633575.90 | 7.15200 | (21091121) |
| 505521.98 | 3633575.90 | 8.06266 | (20072623) | 505621.98 | 3633575.90 | 8.74905 | (20072623) |
| 505721.98 | 3633575.90 | 8.65968 | (21033120) | 501721.98 | | | |

3633675.90        8.13676  (20052001)
        501821.98   3633675.90        8.67363  (20081801)                501921.98
3633675.90        9.23610  (20081801)
        502021.98   3633675.90        9.67760  (20081801)                502121.98
3633675.90       10.48335  (20051205)
        505321.98   3633675.90        8.75203  (20072623)                505421.98
3633675.90        7.32705  (20090223)
        505521.98   3633675.90        7.91376  (20090223)                505621.98
3633675.90        8.16093  (20090223)
        505721.98   3633675.90        9.88931  (19121305)                501721.98
3633775.90        8.19394  (21111003)
        501821.98   3633775.90        8.53796  (21111003)                501921.98
3633775.90        8.89359  (20052001)
        502021.98   3633775.90        9.33052  (20081801)                502121.98
3633775.90       10.03937  (20081801)
        505321.98   3633775.90        9.19513  (20090223)                505421.98
3633775.90        8.35208  (20081804)
        505521.98   3633775.90        8.11023  (20082223)                505621.98
3633775.90        9.46578  (20082223)
        505721.98   3633775.90       10.43312  (20082223)                501721.98
3633875.90       10.18552  (20082804)
        501821.98   3633875.90       10.31665  (20082804)                501921.98
3633875.90        9.90224  (20082804)
        502021.98   3633875.90        9.80297  (20082804)                502121.98
3633875.90        9.59762  (21111003)
        505321.98   3633875.90        9.71863  (20082223)                505421.98
3633875.90        9.79926  (20082223)
        505521.98   3633875.90        9.25144  (20082223)                505621.98
3633875.90        8.74790  (20082223)
        505721.98   3633875.90        9.79122  (20092021)                501721.98
3633975.90       10.52678  (20082804)
        501821.98   3633975.90       11.05143  (20082804)                501921.98
3633975.90       11.49549  (20082804)
        502021.98   3633975.90       11.76155  (20082804)                502121.98
3633975.90       12.02849  (20082804)
        505321.98   3633975.90        9.50922  (20081222)                505421.98
3633975.90        9.44701  (20092021)


 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                INCLUDING SOURCE(S):     FIRE        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 9.16113 | (20092021) | 505621.98 | 3633975.90 | 8.78917 | (20020703) |
| 505721.98 | 3633975.90 | 9.65990 | (20020703) | 501721.98 | 3634075.90 | 9.98922 | (19083104) |
| 501821.98 | 3634075.90 | 10.42813 | (19083104) | 501921.98 | 3634075.90 | 10.78577 | (19083104) |
| 502021.98 | 3634075.90 | 11.23270 | (20082804) | 502121.98 | 3634075.90 | 11.94812 | (20082804) |
| 505321.98 | 3634075.90 | 9.54391 | (21121518) | 505421.98 | 3634075.90 | 9.67307 | (21121518) |
| 505521.98 | 3634075.90 | 10.93828 | (21122121) | 505621.98 | 3634075.90 | 11.19500 | (21122121) |
| 505721.98 | 3634075.90 | 10.29058 | (21122201) | 501721.98 | 3634175.90 | 8.85189 | (20031924) |
| 501821.98 | 3634175.90 | 9.27949 | (20031924) | 501921.98 | 3634175.90 | 9.77462 | (19083104) |
| 502021.98 | 3634175.90 | 10.02292 | (19083104) | 502121.98 | 3634175.90 | 10.76153 | (19083104) |
| 505321.98 | 3634175.90 | 12.37305 | (19102022) | 505421.98 | 3634175.90 | 12.71737 | (19021906) |
| 505521.98 | 3634175.90 | 12.70581 | (19021906) | 505621.98 | 3634175.90 | 10.81361 | (20013123) |
| 505721.98 | 3634175.90 | 9.23698 | (20013123) | 501721.98 | 3634275.90 | 8.61012 | (20021803) |
| 501821.98 | 3634275.90 | 8.90225 | (20031924) | 501921.98 | 3634275.90 | 9.27365 | (20031924) |
| 502021.98 | 3634275.90 | 9.61627 | (20031924) | 502121.98 | 3634275.90 | 10.02604 | (20031924) |
| 505321.98 | 3634275.90 | 14.45834 | (20013123) | 505421.98 | 3634275.90 | 13.68925 | (20013123) |
| 505521.98 | 3634275.90 | 11.43198 | (20092120) | 505621.98 | 3634275.90 | 10.60561 | (20092120) |
| 505721.98 | 3634275.90 | 9.51696 | (20092120) | 501721.98 | 3634375.90 | 8.87477 | (19100903) |
| 501821.98 | 3634375.90 | 9.28526 | (19100903) | 501921.98 | 3634375.90 | 9.38450 | (19100903) |
| 502021.98 | 3634375.90 | 9.60954 | (19100903) | 502121.98 | 3634375.90 | 10.05609 | (19100903) |
| 505321.98 | 3634375.90 | 15.57017 | (21021007) | 505421.98 | 3634375.90 | 14.66583 | (21021007) |
| 505521.98 | 3634375.90 | 10.26857 | (20092120) | 505621.98 | | | |

3634375.90        8.76309  (20092120)
        505721.98   3634375.90        8.09883  (20092120)                501721.98
3634475.90       10.67768  (21021102)
        501821.98   3634475.90       11.22902  (21021102)                501921.98
3634475.90       11.68030  (21021102)
        502021.98   3634475.90       12.31571  (21021102)                502121.98
3634475.90       12.51614  (21021102)
        505321.98   3634475.90       14.50161  (20011720)                505421.98
3634475.90       14.29647  (20011720)
        505521.98   3634475.90       13.05814  (20011720)                505621.98
3634475.90        9.81549  (20041201)
        505721.98   3634475.90        8.48123  (20041201)                501721.98
3634575.90       10.18184  (21021102)
        501821.98   3634575.90       10.36559  (21021102)                501921.98
3634575.90       10.54604  (21021102)
        502021.98   3634575.90       11.07366  (19101801)                502121.98
3634575.90       11.95742  (19101801)
        505321.98   3634575.90       13.00623  (20041201)                505421.98
3634575.90       12.55427  (21090306)
        505521.98   3634575.90       12.36379  (21013119)                505621.98
3634575.90       11.18516  (20041201)
        505721.98   3634575.90        9.84864  (20041201)                501721.98
3634675.90       10.75357  (19101801)
        501821.98   3634675.90       11.34525  (19101801)                501921.98
3634675.90       11.75421  (19101801)
        502021.98   3634675.90       12.29813  (19101801)                502121.98
3634675.90       12.09071  (19101801)
        505321.98   3634675.90       11.94013  (20081806)                505421.98
3634675.90       12.72186  (21032601)
        505521.98   3634675.90       11.15005  (21032601)                505621.98
3634675.90       10.36565  (20041201)
        505721.98   3634675.90        9.87879  (20041201)                501721.98
3634775.90       10.05799  (19101801)
        501821.98   3634775.90       10.34288  (19020620)                501921.98
3634775.90       10.81632  (19050903)
        502021.98   3634775.90       11.91785  (19050903)                502121.98
3634775.90       12.51286  (19050903)
        505321.98   3634775.90       11.62003  (19022319)                505421.98
3634775.90       12.09847  (21032601)


                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FIRE     ***
                                 INCLUDING SOURCE(S):     FIRE        ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 12.19819 | (21032601) | 505621.98 | 3634775.90 | 12.24134 | (21032601) |
| 505721.98 | 3634775.90 | 11.98084 | (21032601) | 501721.98 | 3634875.90 | 10.53524 | (19050903) |
| 501821.98 | 3634875.90 | 11.25897 | (19050903) | 501921.98 | 3634875.90 | 11.66789 | (19050903) |
| 502021.98 | 3634875.90 | 11.79204 | (19050903) | 502121.98 | 3634875.90 | 11.61165 | (19050903) |
| 505321.98 | 3634875.90 | 10.82700 | (20102019) | 505421.98 | 3634875.90 | 10.27786 | (19022319) |
| 505521.98 | 3634875.90 | 10.23533 | (19022319) | 505621.98 | 3634875.90 | 10.01468 | (19022319) |
| 505721.98 | 3634875.90 | 10.41661 | (21020220) | 501721.98 | 3634975.90 | 9.96618 | (19050903) |
| 501821.98 | 3634975.90 | 9.89879 | (20030821) | 501921.98 | 3634975.90 | 10.21451 | (20030821) |
| 502021.98 | 3634975.90 | 10.61305 | (19020604) | 502121.98 | 3634975.90 | 11.19305 | (21011903) |
| 505321.98 | 3634975.90 | 10.77612 | (20072505) | 505421.98 | 3634975.90 | 10.00855 | (20102019) |
| 505521.98 | 3634975.90 | 9.66908 | (20102019) | 505621.98 | 3634975.90 | 9.20862 | (19030607) |
| 505721.98 | 3634975.90 | 9.07569 | (19022319) | 501721.98 | 3635075.90 | 9.47973 | (19020604) |
| 501821.98 | 3635075.90 | 9.94313 | (21011903) | 501921.98 | 3635075.90 | 10.57564 | (19022707) |
| 502021.98 | 3635075.90 | 11.30605 | (19022707) | 502121.98 | 3635075.90 | 11.81297 | (19022707) |
| 505321.98 | 3635075.90 | 10.83070 | (20041904) | 505421.98 | 3635075.90 | 10.13795 | (20041904) |
| 505521.98 | 3635075.90 | 9.61891 | (20072505) | 505621.98 | 3635075.90 | 9.24004 | (20072505) |
| 505721.98 | 3635075.90 | 9.07404 | (20102019) | 501721.98 | 3635175.90 | 10.12100 | (19022707) |
| 501821.98 | 3635175.90 | 10.56744 | (19022707) | 501921.98 | 3635175.90 | 10.64970 | (19022707) |
| 502021.98 | 3635175.90 | 10.42563 | (19022707) | 502121.98 | 3635175.90 | 10.25641 | (20040402) |
| 505321.98 | 3635175.90 | 13.16430 | (20092620) | 505421.98 | | | |

3635175.90       11.82630  (20092620)
        505521.98   3635175.90       10.09010  (20092620)                505621.98
3635175.90        9.41521  (20041904)
        505721.98   3635175.90        8.96657  (20072505)                501721.98
3635275.90        9.68689  (19022707)
        501821.98   3635275.90        9.34774  (19022707)                501921.98
3635275.90        9.48174  (20040402)
        502021.98   3635275.90        9.92263  (21031001)                502121.98
3635275.90       10.12980  (21031001)
        505621.98   3635275.90       10.93134  (20092620)                505721.98
3635275.90        9.40698  (20092620)
        501721.98   3635375.90        8.84460  (20040402)                501821.98
3635375.90        9.17256  (21031001)
        501921.98   3635375.90        9.36667  (21031001)                502021.98
3635375.90        9.66000  (19042122)
        502121.98   3635375.90        9.88191  (20031921)                505621.98
3635375.90       11.76464  (20092620)
        501721.98   3635475.90        8.66972  (21031001)                501821.98
3635475.90        8.93537  (19042122)
        501921.98   3635475.90        9.09014  (20031921)                502021.98
3635475.90        9.40582  (20031921)
        502121.98   3635475.90       11.06985  (19013101)                505621.98
3635475.90       10.62400  (20092620)
        505721.98   3635475.90       10.88880  (20092620)                501721.98
3635575.90        8.38938  (19042122)
        501821.98   3635575.90        8.76031  (20031921)                501921.98
3635575.90        9.62621  (19013101)
        502021.98   3635575.90       11.15332  (19013101)                502121.98
3635575.90       11.74968  (19013101)
        505321.98   3635575.90       10.19123  (20102020)                505421.98
3635575.90        9.70273  (20102020)
        505521.98   3635575.90        8.83331  (20102020)                505621.98
3635575.90        8.22683  (20092620)
        505721.98   3635575.90        9.31791  (20092620)                501721.98
3635675.90        8.22312  (20031921)
        501821.98   3635675.90        9.89718  (19013101)                501921.98
3635675.90       10.96033  (19013101)
        502021.98   3635675.90       11.01700  (19013101)                502121.98
3635675.90       11.53875  (20122320)
        505321.98   3635675.90        9.89930  (21012617)                505421.98
3635675.90        9.59019  (20102020)


                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  FIRE     ***
                                INCLUDING SOURCE(S):     FIRE        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3635675.90        9.28254  (20102020)               505621.98
3635675.90        8.68773  (20102020)
        505721.98   3635675.90        7.62441  (20102020)               501721.98
3635775.90        9.91433  (19013101)
        501821.98   3635775.90       10.52649  (19013101)               501921.98
3635775.90       10.30940  (20122320)
        502021.98   3635775.90       11.12913  (20122320)               502121.98
3635775.90       11.41428  (21012023)
        505321.98   3635775.90        9.55594  (21012617)               505421.98
3635775.90        9.50144  (21012617)
        505521.98   3635775.90        9.02777  (20102020)               505621.98
3635775.90        9.05003  (20102020)
        505721.98   3635775.90        8.56506  (20102020)               501721.98
3635875.90        9.74946  (19013101)
        501821.98   3635875.90       10.14457  (20122320)               501921.98
3635875.90       10.59272  (20122320)
        502021.98   3635875.90       11.00040  (21012023)               502121.98
3635875.90       10.51989  (21012023)
        505321.98   3635875.90        9.57505  (19030801)               505421.98
3635875.90        9.10443  (21012617)
        505521.98   3635875.90        9.13881  (21012617)               505621.98
3635875.90        8.46718  (20102020)
        505721.98   3635875.90        8.63131  (20102020)               501721.98
3635975.90        9.64808  (20122320)
        501821.98   3635975.90        9.91188  (20122320)               501921.98
3635975.90       10.50780  (21012023)
        502021.98   3635975.90        9.76978  (21012023)               502121.98
3635975.90       10.82283  (20122721)
        505321.98   3635975.90       10.74101  (19030801)               505421.98
3635975.90        9.22529  (19030801)
        505521.98   3635975.90        8.66802  (21012617)               505621.98
3635975.90        8.75916  (21012617)
        505721.98   3635975.90        8.13324  (21012617)               501721.98
3636075.90        9.45982  (21012023)
        501821.98   3636075.90        9.86642  (21012023)               501921.98
3636075.90        9.21112  (20122721)
        502021.98   3636075.90       10.33269  (20122721)               502121.98

3636075.90       10.30335  (20122721)
        502221.98   3636075.90        9.86041  (19031105)                502321.98
3636075.90        9.65395  (21121424)
        502421.98   3636075.90       11.24808  (21121424)                502521.98
3636075.90       10.77972  (21121424)
        502621.98   3636075.90       11.17326  (19112801)                502721.98
3636075.90       11.77857  (19121706)
        502821.98   3636075.90       10.39198  (19121706)                502921.98
3636075.90       10.34252  (20070104)
        503021.98   3636075.90       10.84088  (21021621)                503121.98
3636075.90       10.80152  (19050823)
        503221.98   3636075.90       11.02194  (19050823)                503321.98
3636075.90       11.44199  (20120224)
        503421.98   3636075.90       13.33335  (20120224)                503521.98
3636075.90       12.06518  (19072124)
        503621.98   3636075.90       11.19296  (19080922)                503721.98
3636075.90       12.44657  (21041324)
        503821.98   3636075.90       13.34543  (19072223)                503921.98
3636075.90       11.37866  (19071923)
        504021.98   3636075.90       12.27170  (19072224)                504121.98
3636075.90       10.93000  (19072224)
        504221.98   3636075.90       10.75476  (21050322)                504321.98
3636075.90       10.56906  (19050322)
        504421.98   3636075.90       13.06617  (21013118)                504521.98
3636075.90       10.91505  (21013118)
        504621.98   3636075.90        9.88034  (19061821)                504721.98
3636075.90        9.29148  (20102221)
        504821.98   3636075.90        9.41658  (19061724)                504921.98
3636075.90        9.05996  (19112903)
        505021.98   3636075.90        8.92439  (19032022)                505121.98
3636075.90        9.53751  (20043024)
        505221.98   3636075.90       10.87401  (20043024)                505321.98
3636075.90       10.52556  (20043024)
        505421.98   3636075.90       10.26124  (19030801)                505521.98
3636075.90        8.75749  (19030801)
        505621.98   3636075.90        8.23579  (21012617)                505721.98
3636075.90        8.40085  (21012617)
        501721.98   3636175.90        8.95556  (21012023)                501821.98
3636175.90        8.77394  (20122721)
        501921.98   3636175.90        9.82356  (20122721)                502021.98
3636175.90        9.74159  (20122721)
        502121.98   3636175.90        9.38908  (19031105)                502221.98
3636175.90        8.93169  (21121424)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***

INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 10.68914 | (21121424) | 502421.98 | 3636175.90 | 10.62354 | (21121424) |
| 502521.98 | 3636175.90 | 10.55983 | (19112801) | 502621.98 | 3636175.90 | 11.17231 | (19121706) |
| 502721.98 | 3636175.90 | 10.81051 | (19121706) | 502821.98 | 3636175.90 | 9.65629 | (20070104) |
| 502921.98 | 3636175.90 | 10.28295 | (21021621) | 503021.98 | 3636175.90 | 9.93105 | (21012818) |
| 503121.98 | 3636175.90 | 10.56737 | (19050823) | 503221.98 | 3636175.90 | 10.48994 | (21100603) |
| 503321.98 | 3636175.90 | 12.05128 | (20120224) | 503421.98 | 3636175.90 | 12.33004 | (20120224) |
| 503521.98 | 3636175.90 | 11.80642 | (21021806) | 503621.98 | 3636175.90 | 10.74101 | (19080922) |
| 503721.98 | 3636175.90 | 12.12800 | (21041324) | 503821.98 | 3636175.90 | 12.75766 | (19072223) |
| 503921.98 | 3636175.90 | 10.86893 | (19071923) | 504021.98 | 3636175.90 | 11.66484 | (19072224) |
| 504121.98 | 3636175.90 | 10.75911 | (19072224) | 504221.98 | 3636175.90 | 10.22227 | (21050322) |
| 504321.98 | 3636175.90 | 10.50798 | (19050322) | 504421.98 | 3636175.90 | 11.90658 | (21013118) |
| 504521.98 | 3636175.90 | 9.65423 | (21013118) | 504621.98 | 3636175.90 | 9.36921 | (19080523) |
| 504721.98 | 3636175.90 | 9.28341 | (19061821) | 504821.98 | 3636175.90 | 9.22088 | (19060920) |
| 504921.98 | 3636175.90 | 9.03337 | (19112903) | 505021.98 | 3636175.90 | 8.71111 | (19032022) |
| 505121.98 | 3636175.90 | 8.53135 | (20102224) | 505221.98 | 3636175.90 | 9.55362 | (20043024) |
| 505321.98 | 3636175.90 | 10.47769 | (20043024) | 505421.98 | 3636175.90 | 10.11142 | (19030801) |
| 505521.98 | 3636175.90 | 9.73800 | (19030801) | 505621.98 | 3636175.90 | 8.31372 | (19030801) |
| 505721.98 | 3636175.90 | 7.83473 | (21012617) | 501721.98 | | | |

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3636275.90        8.30745  (20122721)
        501821.98   3636275.90        9.19380  (20122721)                501921.98
3636275.90        9.17617  (20122721)
        502021.98   3636275.90        8.93552  (19031105)                502121.98
3636275.90        8.28778  (20112322)
        502221.98   3636275.90       10.11748  (21121424)                502321.98
3636275.90       10.36096  (21121424)
        502421.98   3636275.90        9.88208  (19112801)                502521.98
3636275.90       10.38638  (19121706)
        502621.98   3636275.90       10.83207  (19121706)                502721.98
3636275.90        8.97196  (20040204)
        502821.98   3636275.90        9.54261  (20070104)                502921.98
3636275.90        9.93993  (21021621)
        503021.98   3636275.90        9.64983  (19050823)                503121.98
3636275.90       10.12533  (19050823)
        503221.98   3636275.90       10.00610  (21100603)                503321.98
3636275.90       12.22708  (20120224)
        503421.98   3636275.90       11.93398  (19072124)                503521.98
3636275.90       11.49139  (21021806)
        503621.98   3636275.90       10.32315  (19080922)                503721.98
3636275.90       11.85347  (21041324)
        503821.98   3636275.90       12.24690  (19072223)                503921.98
3636275.90       10.41685  (19071923)
        504021.98   3636275.90       11.04795  (19072224)                504121.98
3636275.90       10.46804  (19072224)
        504221.98   3636275.90        9.45713  (21070323)                504321.98
3636275.90        7.83737  (19082724)
        504421.98   3636275.90        6.97937  (21052005)                504521.98
3636275.90        6.25928  (21052005)
        504621.98   3636275.90        7.80965  (19111019)                504721.98
3636275.90        8.80084  (19061821)
        504821.98   3636275.90        8.16421  (20102221)                504921.98
3636275.90        8.84469  (19060920)
        505021.98   3636275.90        8.55317  (19112903)                505121.98
3636275.90        8.29977  (19032022)
        505221.98   3636275.90        8.28429  (20102224)                505321.98
3636275.90        9.44144  (20043024)
        505421.98   3636275.90       10.05916  (20043024)                505521.98
3636275.90        9.72479  (19030801)
        505621.98   3636275.90        9.25592  (19030801)                505721.98
3636275.90        7.87442  (19030801)
        501721.98   3636375.90        8.57847  (20122721)                501821.98
3636375.90        8.55730  (20122721)
        501921.98   3636375.90        8.45910  (19031105)                502021.98
3636375.90        7.85158  (20112322)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FIRE ***
INCLUDING SOURCE(S): FIRE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 9.50809 | (21121424) | 502221.98 | 3636375.90 | 10.02248 | (21121424) |
| 502321.98 | 3636375.90 | 9.12489 | (19112801) | 502421.98 | 3636375.90 | 9.93659 | (19112801) |
| 502521.98 | 3636375.90 | 10.54357 | (19121706) | 502621.98 | 3636375.90 | 9.50786 | (19121706) |
| 502721.98 | 3636375.90 | 9.04262 | (20070104) | 502821.98 | 3636375.90 | 9.48801 | (21021621) |
| 502921.98 | 3636375.90 | 9.14572 | (21021621) | 503021.98 | 3636375.90 | 9.58015 | (19050823) |
| 503121.98 | 3636375.90 | 9.49356 | (20100906) | 503221.98 | 3636375.90 | 9.53700 | (19080122) |
| 503321.98 | 3636375.90 | 11.53170 | (20120224) | 503421.98 | 3636375.90 | 11.29116 | (19072124) |
| 503521.98 | 3636375.90 | 10.78268 | (21021806) | 503621.98 | 3636375.90 | 9.86335 | (19080922) |
| 503721.98 | 3636375.90 | 11.52041 | (21041324) | 503821.98 | 3636375.90 | 11.76372 | (19072223) |
| 503921.98 | 3636375.90 | 9.95473 | (19071923) | 504021.98 | 3636375.90 | 10.40234 | (19072224) |
| 504121.98 | 3636375.90 | 10.00270 | (19072224) | 504221.98 | 3636375.90 | 8.18096 | (19070422) |
| 504321.98 | 3636375.90 | 6.98682 | (19082724) | 504421.98 | 3636375.90 | 5.78613 | (20031720) |
| 504521.98 | 3636375.90 | 5.51715 | (21052005) | 504621.98 | 3636375.90 | 6.45127 | (19111019) |
| 504721.98 | 3636375.90 | 7.37845 | (21080821) | 504821.98 | 3636375.90 | 6.91773 | (20102221) |
| 504921.98 | 3636375.90 | 6.75366 | (20102221) | 505021.98 | 3636375.90 | 8.39910 | (19061724) |
| 505121.98 | 3636375.90 | 7.97302 | (19112903) | 505221.98 | 3636375.90 | 7.89648 | (19032022) |
| 505321.98 | 3636375.90 | 8.00582 | (20102224) | 505421.98 | | | |

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3636375.90        9.28814  (20043024)
        505521.98   3636375.90        9.64238  (20043024)                505621.98
3636375.90        9.32949  (19030801)
        505721.98   3636375.90        8.79847  (19030801)                501721.98
3636475.90        7.76374  (20122721)
        501821.98   3636475.90        7.66804  (19031105)                501921.98
3636475.90        7.41588  (20112322)
        502021.98   3636475.90        8.81616  (21121424)                502121.98
3636475.90        9.56806  (21121424)
        502221.98   3636475.90        8.80755  (21121424)                502321.98
3636475.90        9.46032  (19112801)
        502421.98   3636475.90       10.03427  (19121706)                502521.98
3636475.90        9.73428  (19121706)
        502621.98   3636475.90        8.33597  (20070104)                502721.98
3636475.90        8.81902  (20070104)
        502821.98   3636475.90        9.10149  (21021621)                502921.98
3636475.90        8.82608  (20101905)
        503021.98   3636475.90        9.18634  (19050823)                503121.98
3636475.90        8.93669  (21100603)
        503221.98   3636475.90        9.24074  (20120224)                503321.98
3636475.90       10.48769  (20120224)
        503421.98   3636475.90       10.24595  (19072124)                503521.98
3636475.90        9.57463  (21021806)
        503621.98   3636475.90        9.33754  (19080922)                503721.98
3636475.90       11.04800  (21041324)
        503821.98   3636475.90       11.19179  (19072223)                503921.98
3636475.90        9.31910  (19071923)
        504021.98   3636475.90        9.11339  (19072224)                504121.98
3636475.90        9.20105  (19072224)
        504221.98   3636475.90        7.68840  (19070422)                504321.98
3636475.90        6.40176  (19082724)
        504421.98   3636475.90        5.29089  (20031720)                504521.98
3636475.90        5.04599  (21013118)
        504621.98   3636475.90        4.99779  (21013118)                504721.98
3636475.90        5.33830  (19111019)
        504821.98   3636475.90        5.44594  (20102221)                504921.98
3636475.90        6.63720  (20102221)
        505021.98   3636475.90        8.10740  (19060920)                505121.98
3636475.90        8.02659  (19112903)
        505221.98   3636475.90        7.68372  (19032022)                505321.98
3636475.90        7.50207  (20102224)
        505421.98   3636475.90        7.88506  (20043024)                505521.98
3636475.90        9.08799  (20043024)
        505621.98   3636475.90        9.21631  (20043024)                505721.98
3636475.90        8.95133  (19030801)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN  ***
INCLUDING SOURCE(S):  L0000910  , L0000911 , L0000912  , L0000913  , L0000914  ,
L0000915  , L0000916  , L0000917  , L0000918  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 10.57821 | (21030103) | 502771.98 | 3633475.90 | 13.85122 | (21030103) |
| 502821.98 | 3633475.90 | 17.27073 | (21030103) | 502871.98 | 3633475.90 | 20.35811 | (21030103) |
| 502921.98 | 3633475.90 | 22.52564 | (21030103) | 502971.98 | 3633475.90 | 24.56517 | (20121603) |
| 503021.98 | 3633475.90 | 30.35065 | (20121603) | 503071.98 | 3633475.90 | 34.03763 | (20121603) |
| 503121.98 | 3633475.90 | 34.39491 | (20121603) | 503171.98 | 3633475.90 | 30.99704 | (20121603) |
| 503221.98 | 3633475.90 | 28.41143 | (21063005) | 503271.98 | 3633475.90 | 28.29726 | (20102407) |
| 503321.98 | 3633475.90 | 59.21603 | (20082723) | 503371.98 | 3633475.90 | 67.79871 | (20111701) |
| 503421.98 | 3633475.90 | 55.59958 | (20111701) | 503471.98 | 3633475.90 | 60.12603 | (19081924) |
| 503521.98 | 3633475.90 | 64.21746 | (19110606) | 503621.98 | 3633475.90 | 64.30032 | (19101521) |
| 503671.98 | 3633475.90 | 58.97264 | (20050102) | 503721.98 | 3633475.90 | 59.21778 | (21020203) |
| 503771.98 | 3633475.90 | 52.64631 | (20082921) | 503821.98 | 3633475.90 | 61.34720 | (20082921) |
| 503871.98 | 3633475.90 | 52.57462 | (20081802) | 503921.98 | 3633475.90 | 55.34907 | (19032124) |
| 503971.98 | 3633475.90 | 56.42701 | (21013120) | 504021.98 | 3633475.90 | 55.80337 | (21011302) |
| 504071.98 | 3633475.90 | 55.34673 | (19102905) | 504121.98 | 3633475.90 | 56.93721 | (20022403) |
| 504171.98 | 3633475.90 | 55.92901 | (21011620) | 504221.98 | 3633475.90 | 55.59448 | (21013021) |
| 504271.98 | 3633475.90 | 53.37946 | (21120723) | 504321.98 | | | |

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3633475.90       51.50754  (20073020)
        504371.98   3633475.90       49.05078  (21022020)                504421.98
3633475.90       49.78512  (21120804)
        504471.98   3633475.90       50.15367  (20011902)                504521.98
3633475.90       49.23197  (19022705)
        504571.98   3633475.90       47.39988  (21021820)                504621.98
3633475.90       46.99185  (21011520)
        504671.98   3633475.90       44.77439  (21010522)                504721.98
3633475.90       42.80761  (19122301)
        502721.98   3633525.90        8.39895  (21030103)                502771.98
3633525.90       11.54722  (21030103)
        502821.98   3633525.90       15.18996  (21030103)                502871.98
3633525.90       18.94961  (21030103)
        502921.98   3633525.90       22.24389  (21030103)                502971.98
3633525.90       24.39177  (21030103)
        503021.98   3633525.90       28.12100  (20121603)                503071.98
3633525.90       33.99141  (20121603)
        503121.98   3633525.90       36.98097  (20121603)                503171.98
3633525.90       35.81829  (20121603)
        503221.98   3633525.90       30.56395  (20121603)                503271.98
3633525.90       30.07711  (21063005)
        503321.98   3633525.90       46.54825  (20102407)                503371.98
3633525.90       67.57147  (20111701)
        503421.98   3633525.90       68.77363  (20111701)                503471.98
3633525.90       74.86594  (19081924)
        503521.98   3633525.90       66.90192  (19081924)                503621.98
3633525.90       76.43663  (19101521)
        503671.98   3633525.90       72.93330  (20050102)                503721.98
3633525.90       76.89597  (21020203)
        503771.98   3633525.90       64.66669  (20082921)                503821.98
3633525.90       70.41789  (20082921)
        503871.98   3633525.90       60.68549  (20081802)                503921.98
3633525.90       61.83641  (20022622)
        503971.98   3633525.90       62.75566  (21013120)                504021.98
3633525.90       55.85681  (21011302)
        504071.98   3633525.90       59.50068  (21022205)                504121.98
3633525.90       61.03797  (20081021)
        504171.98   3633525.90       61.25082  (21013021)                504221.98
3633525.90       60.02982  (20073022)
        504271.98   3633525.90       55.81253  (21120723)                504321.98
3633525.90       52.54440  (20112022)
        504371.98   3633525.90       54.35760  (21011323)                504421.98
3633525.90       53.50037  (21010102)
        504471.98   3633525.90       50.60152  (19022705)                504521.98
3633525.90       51.51055  (21021820)
        504571.98   3633525.90       50.11458  (21011520)                504621.98
3633525.90       47.01020  (21010522)
        504671.98   3633525.90       45.94450  (19122301)                504721.98
3633525.90       43.07096  (20122923)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633575.90 66.60408 (21011620)
504171.98 3633575.90 72.90839 (21013021) 504221.98
3633575.90 68.76209 (20073022)
504271.98 3633575.90 58.81555 (20073020) 504321.98
3633575.90 55.98701 (21011323)
504371.98 3633575.90 56.00046 (21010102) 504421.98
3633575.90 55.45128 (20011902)
504471.98 3633575.90 54.65981 (21021820) 504521.98
3633575.90 52.76726 (21011520)
504571.98 3633575.90 49.76717 (19121906) 504621.98
3633575.90 49.18844 (19122301)
504671.98 3633575.90 46.54562 (20122923) 504721.98
3633575.90 45.78387 (21022502)
502721.98 3633625.90 10.79193 (19010119) 502771.98
3633625.90 10.22826 (19010119)
502821.98 3633625.90 9.95259 (21030103) 502871.98
3633625.90 13.92081 (21030103)
502921.98 3633625.90 18.48785 (21030103) 502971.98
3633625.90 23.07435 (21030103)
503021.98 3633625.90 26.77958 (21030103) 503071.98
3633625.90 28.65969 (20121603)
503121.98 3633625.90 36.76041 (20121603) 503171.98
3633625.90 41.95766 (20121603)
503221.98 3633625.90 42.06802 (20121603) 503271.98
3633625.90 36.53675 (20121603)
503321.98 3633625.90 34.74142 (21063005) 503371.98
3633625.90 54.61407 (20102407)
503421.98 3633625.90 67.10336 (20082723) 503471.98
3633625.90 82.15598 (19081924)
503521.98 3633625.90 103.88154 (19081924) 503621.98
3633625.90 88.03488 (19101521)
503671.98 3633625.90 83.74733 (21090401) 503721.98
3633625.90 92.36731 (21020203)
503771.98 3633625.90 80.83832 (20082921) 503821.98
3633625.90 95.51318 (20082921)
503871.98 3633625.90 77.63094 (20032501) 503921.98
3633625.90 82.72491 (20022622)
503971.98 3633625.90 79.72168 (21011302) 504021.98
3633625.90 77.98527 (19102905)
504071.98 3633625.90 74.80648 (20081021) 504121.98
3633625.90 75.57449 (21011620)
504171.98 3633625.90 78.69950 (21013021) 504221.98
3633625.90 71.13768 (21120723)
504271.98 3633625.90 62.14673 (20073020) 504321.98
3633625.90 59.71885 (21011323)
504371.98 3633625.90 59.36103 (20011902) 504421.98
3633625.90 58.85674 (19022705)
504471.98 3633625.90 56.71165 (20121007) 504521.98
3633625.90 53.62455 (19121906)
504571.98 3633625.90 52.39811 (19122301) 504621.98

3633625.90       50.22116  (20122923)
        504671.98   3633625.90       48.49342  (21022502)                504721.98
3633625.90       47.70973  (21022502)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

```
3633675.90       92.22905  (20022622)
        503971.98   3633675.90       87.21691  (21011302)                504021.98
3633675.90       85.81243  (19102905)
        504071.98   3633675.90       83.27728  (20081021)                504121.98
3633675.90       90.01665  (21013021)
        504171.98   3633675.90       83.05624  (20073022)                504221.98
3633675.90       80.40022  (20073020)
        504271.98   3633675.90       71.60202  (21011323)                504321.98
3633675.90       64.45742  (21010102)
        504371.98   3633675.90       60.64866  (19022705)                504421.98
3633675.90       60.84347  (21021820)
        504471.98   3633675.90       58.86391  (21011520)                504521.98
3633675.90       55.97037  (21010522)
        504571.98   3633675.90       54.30009  (20122923)                504621.98
3633675.90       51.78306  (21022502)
        504671.98   3633675.90       50.90928  (19120104)                504721.98
3633675.90       49.38548  (20021702)
        502721.98   3633725.90       13.86253  (21111004)                502771.98
3633725.90       13.07579  (19010119)
        502821.98   3633725.90       12.90154  (19010119)                502871.98
3633725.90       12.34891  (19010119)
        502921.98   3633725.90       11.99977  (21030103)                502971.98
3633725.90       17.12238  (21030103)
        503021.98   3633725.90       22.95396  (21030103)                503071.98
3633725.90       28.58086  (21030103)
        503121.98   3633725.90       32.59286  (21030103)                503171.98
3633725.90       39.14627  (20121603)
        503221.98   3633725.90       47.52887  (20121603)                503271.98
3633725.90       49.86312  (20121603)
        503321.98   3633725.90       44.43442  (20121603)                503371.98
3633725.90       40.84146  (21063005)
        503421.98   3633725.90       44.72166  (20102407)                503471.98
3633725.90       43.87697  (20102407)
        503521.98   3633725.90       72.07165  (19081924)                503571.98
3633725.90       96.27814  (19081924)
        503721.98   3633725.90      105.90322  (20082503)                503771.98
3633725.90      102.36074  (20082503)
        503821.98   3633725.90      107.75471  (20082921)                503871.98
3633725.90       90.66590  (19032124)
        503921.98   3633725.90       99.79324  (20022622)                503971.98
3633725.90       91.18363  (21011302)
        504021.98   3633725.90       90.64954  (21022205)                504071.98
3633725.90       91.17090  (21011620)
        504121.98   3633725.90       99.84098  (21013021)                504171.98
3633725.90       90.53177  (21120723)
        504221.98   3633725.90       81.91378  (20073020)                504271.98
3633725.90       81.68266  (21010102)
        504321.98   3633725.90       72.49827  (20080120)                504371.98
3633725.90       65.84728  (21021820)
        504421.98   3633725.90       64.32242  (21011520)                504471.98
```

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                   INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502771.98   3633775.90       15.73859  (21111004)                502821.98
3633775.90       14.26724  (19010119)
        502871.98   3633775.90       14.20211  (19010119)                502921.98
3633775.90       13.68915  (19010119)
        502971.98   3633775.90       13.26333  (21030103)                503021.98
3633775.90       19.14340  (21030103)
        503071.98   3633775.90       25.81829  (21030103)                503121.98
3633775.90       32.05004  (21030103)
        503171.98   3633775.90       36.10273  (21030103)                503221.98
3633775.90       45.79977  (20121603)
        503271.98   3633775.90       53.53992  (20121603)                503321.98
3633775.90       53.05146  (20121603)
        503371.98   3633775.90       44.59853  (21063005)                503421.98
3633775.90       46.30885  (20102407)
        503471.98   3633775.90       49.35094  (20102407)                503771.98
3633775.90      118.35429  (20082503)
        503821.98   3633775.90      112.92976  (20082921)                503871.98
3633775.90      102.98509  (19032124)
        503921.98   3633775.90      108.48595  (21013120)                503971.98

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3633775.90      101.81253  (19102905)
        504021.98   3633775.90       99.85884  (20022403)                504071.98
3633775.90      108.16332  (21013021)
        504121.98   3633775.90      100.36797  (21120723)                504171.98
3633775.90       95.24061  (20101423)
        504221.98   3633775.90       96.60348  (21011323)                504271.98
3633775.90       90.46318  (20011902)
        504321.98   3633775.90       78.88515  (19022705)                504371.98
3633775.90       72.20939  (21011520)
        504421.98   3633775.90       68.38240  (21010522)                504471.98
3633775.90       64.55486  (20122923)
        504521.98   3633775.90       62.84379  (20080623)                504571.98
3633775.90       64.57232  (19120104)
        504621.98   3633775.90       63.38639  (20081805)                504671.98
3633775.90       62.58519  (20081805)
        504721.98   3633775.90       61.10874  (20081803)                502721.98
3633825.90       19.34324  (21111004)
        502771.98   3633825.90       18.94719  (21111004)                502821.98
3633825.90       17.92194  (21111004)
        502871.98   3633825.90       16.28150  (21111004)                502921.98
3633825.90       15.73095  (19010119)
        502971.98   3633825.90       15.24290  (19010119)                503021.98
3633825.90       14.73693  (21030103)
        503071.98   3633825.90       21.54607  (21030103)                503121.98
3633825.90       29.22590  (21030103)
        503171.98   3633825.90       36.14452  (21030103)                503221.98
3633825.90       40.65969  (20121603)
        503271.98   3633825.90       53.50595  (20121603)                503771.98
3633825.90      142.72942  (20082503)
        503821.98   3633825.90      127.16134  (20080822)                503871.98
3633825.90      115.63206  (20022622)
        503921.98   3633825.90      118.93794  (21013120)                503971.98
3633825.90      114.90885  (19102905)
        504021.98   3633825.90      117.61975  (20022403)                504071.98
3633825.90      121.35605  (21013021)
        504121.98   3633825.90      111.96406  (21120723)                504171.98
3633825.90      104.02238  (21011323)
        504221.98   3633825.90      105.59582  (21010102)                504271.98
3633825.90      100.55156  (19022705)
        504321.98   3633825.90       94.99669  (20121007)                504371.98
3633825.90       86.85235  (21010522)
        504421.98   3633825.90       79.05955  (20122923)                504471.98
3633825.90       73.55765  (20080623)
        504521.98   3633825.90       72.33698  (19120104)                504571.98
3633825.90       76.10563  (20081805)
        504621.98   3633825.90       73.00812  (20081805)                504671.98
3633825.90       71.13173  (20081803)
        504721.98   3633825.90       67.29745  (20111118)                502721.98
3633875.90       20.77449  (21111004)
        502771.98   3633875.90       21.36950  (21111004)                502821.98
```

 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN  ***
INCLUDING SOURCE(S):  L0000910  , L0000911  , L0000912  , L0000913  , L0000914  ,
  L0000915  , L0000916  , L0000917  , L0000918  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 129.97042 | (20022622) | 503921.98 | 3633875.90 | 130.16104 | (21011302) |
| 503971.98 | 3633875.90 | 127.55439 | (21022205) | 504021.98 | 3633875.90 | 134.85602 | (20032321) |
| 504071.98 | 3633875.90 | 123.54681 | (21013021) | 504121.98 | 3633875.90 | 119.36784 | (19033021) |
| 504171.98 | 3633875.90 | 116.79904 | (21011323) | 504221.98 | 3633875.90 | 113.30550 | (20011902) |
| 504271.98 | 3633875.90 | 109.42897 | (21021820) | 504321.98 | 3633875.90 | 100.08657 | (19121906) |
| 504371.98 | 3633875.90 | 93.60015 | (19122301) | 504421.98 | 3633875.90 | 83.99192 | (20080623) |
| 504471.98 | 3633875.90 | 82.80043 | (19120104) | 504521.98 | 3633875.90 | 89.17231 | (20081805) |
| 504571.98 | 3633875.90 | 86.59442 | (20081803) | 504621.98 | | | |

3633875.90 83.59237 (20081803)
504671.98 3633875.90 73.49305 (20111118) 504721.98
3633875.90 72.07488 (20082222)
502721.98 3633925.90 20.76448 (21111004) 502771.98
3633925.90 22.40733 (21111004)
502821.98 3633925.90 23.52476 (21111004) 502871.98
3633925.90 23.92260 (21111004)
502921.98 3633925.90 23.42146 (21111004) 502971.98
3633925.90 21.90784 (21111004)
503021.98 3633925.90 19.48605 (19010119) 503071.98
3633925.90 19.22326 (19010119)
503121.98 3633925.90 18.54211 (21030103) 503171.98
3633925.90 27.94771 (21030103)
503221.98 3633925.90 38.35402 (21030103) 503271.98
3633925.90 46.79232 (21030103)
503821.98 3633925.90 153.32072 (21082504) 503871.98
3633925.90 142.58401 (20022622)
503921.98 3633925.90 138.27452 (21011302) 503971.98
3633925.90 130.34207 (20022403)
504021.98 3633925.90 161.33486 (20032321) 504071.98
3633925.90 147.29185 (19033021)
504121.98 3633925.90 128.50485 (21060903) 504171.98
3633925.90 124.55898 (21010102)
504221.98 3633925.90 121.67159 (21021820) 504271.98
3633925.90 118.18673 (21011520)
504321.98 3633925.90 111.24179 (19122301) 504371.98
3633925.90 99.88840 (19022722)
504421.98 3633925.90 99.04792 (19120104) 504471.98
3633925.90 105.35448 (20081805)
504521.98 3633925.90 100.26328 (20081803) 504571.98
3633925.90 89.63091 (20081803)
504621.98 3633925.90 80.52519 (20111118) 504671.98
3633925.90 79.95562 (21011418)
504721.98 3633925.90 75.68106 (21011418) 502721.98
3633975.90 19.19408 (21111004)
502771.98 3633975.90 21.70237 (21111004) 502821.98
3633975.90 23.96932 (21111004)
502871.98 3633975.90 25.80108 (21111004) 502921.98
3633975.90 26.84299 (21111004)
502971.98 3633975.90 26.80906 (21111004) 503021.98
3633975.90 25.56963 (21111004)
503071.98 3633975.90 23.06299 (21111004) 503121.98
3633975.90 21.82736 (19010119)
503171.98 3633975.90 21.03718 (21030103) 503221.98
3633975.90 32.29299 (21030103)
503271.98 3633975.90 44.57159 (21030103) 503821.98
3633975.90 156.77719 (21082504)
503871.98 3633975.90 149.69336 (20022622) 503921.98
3633975.90 122.66072 (21011302)
503971.98 3633975.90 139.28032 (20032321) 504021.98

3633975.90      157.85146  (20032321)
        504071.98   3633975.90      160.12483  (19033021)                504121.98
3633975.90      130.47932  (21010102)
        504171.98   3633975.90      130.56601  (19022705)                504221.98
3633975.90      131.51109  (21011520)
        504271.98   3633975.90      123.90857  (19122301)                504321.98
3633975.90      113.33318  (19022722)
        504371.98   3633975.90      110.95886  (19120104)                504421.98
3633975.90      124.63439  (20081805)
        504471.98   3633975.90      113.27018  (20081803)                504521.98
3633975.90       93.68046  (20111118)
        504571.98   3633975.90       89.86746  (20082222)                504621.98
3633975.90       88.22250  (21011418)
        504671.98   3633975.90       76.56607  (21011418)                504721.98
3633975.90       63.87342  (20081722)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634025.90  37.76186  (21030103)
503871.98  3634025.90  146.36586  (20022622)  503921.98
3634025.90  108.21245  (21022105)
503971.98  3634025.90  165.80490  (20032321)  504021.98
3634025.90  150.84907  (19033021)
504071.98  3634025.90  146.54966  (21060903)  504121.98
3634025.90  138.89324  (20011902)
504171.98  3634025.90  142.30969  (21011520)  504221.98
3634025.90  137.30958  (21010522)
504271.98  3634025.90  126.88647  (21060824)  504321.98
3634025.90  131.87591  (20081805)
504371.98  3634025.90  145.12494  (20081805)  504421.98
3634025.90  126.16003  (20081803)
504471.98  3634025.90  103.92507  (20111118)  504521.98
3634025.90  100.48514  (21011418)
504571.98  3634025.90  94.23366  (21011418)  504621.98
3634025.90  73.04511  (21011418)
504671.98  3634025.90  68.89978  (21122302)  504721.98
3634025.90  64.34449  (21011724)
502721.98  3634075.90  25.95884  (21012320)  502771.98
3634075.90  24.16699  (21012320)
502821.98  3634075.90  21.87655  (21012320)  502871.98
3634075.90  22.69885  (21111004)
502921.98  3634075.90  26.55158  (21111004)  502971.98
3634075.90  30.21661  (21111004)
503021.98  3634075.90  33.28841  (21111004)  503071.98
3634075.90  35.14923  (21111004)
503121.98  3634075.90  35.25581  (21111004)  503171.98
3634075.90  33.20271  (21111004)
503221.98  3634075.90  28.94045  (21111004)  503271.98
3634075.90  27.97262  (19010119)
503871.98  3634075.90  114.17993  (21013120)  503921.98
3634075.90  122.93952  (21022105)
503971.98  3634075.90  107.25759  (20050805)  504021.98
3634075.90  165.36392  (19033021)
504071.98  3634075.90  151.64644  (21010102)  504121.98
3634075.90  153.09712  (21021820)
504171.98  3634075.90  150.94769  (21010522)  504221.98
3634075.90  158.22299  (21060824)
504271.98  3634075.90  168.04624  (20081805)  504321.98
3634075.90  176.65837  (20081805)
504371.98  3634075.90  147.68437  (20081803)  504421.98
3634075.90  119.95530  (20081603)
504471.98  3634075.90  114.04348  (21011418)  504521.98
3634075.90  94.91038  (21011418)
504571.98  3634075.90  78.03082  (21122302)  504621.98
3634075.90  73.06645  (21011724)
504671.98  3634075.90  70.34180  (21010408)  504721.98
3634075.90  65.18337  (21011221)
502721.98  3634125.90  32.59206  (21012320)  502771.98

3634125.90       32.20377  (21012320)
        502821.98   3634125.90       31.18760  (21012320)                502871.98
3634125.90       29.40233  (21012320)
        502921.98   3634125.90       26.70308  (21012320)                502971.98
3634125.90       27.15255  (21111004)
        503021.98   3634125.90       32.06549  (21111004)                503071.98
3634125.90       36.59324  (21111004)
        503121.98   3634125.90       40.05632  (21111004)                503171.98
3634125.90       41.58040  (21111004)
        503221.98   3634125.90       40.33155  (21111004)                503271.98
3634125.90       36.00201  (21111004)
        503921.98   3634125.90      134.94888  (21022105)                503971.98
3634125.90      121.13324  (20110505)
        504021.98   3634125.90      132.81332  (21120804)                504071.98
3634125.90      166.19447  (19022705)
        504121.98   3634125.90      155.55643  (21011520)                504171.98
3634125.90      170.13184  (21060824)
        504221.98   3634125.90      206.01878  (20081805)                504271.98
3634125.90      224.75971  (20081805)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

```
3634125.90       72.67267  (20121406)
        504721.98   3634125.90       66.71501  (20021305)                502721.98
3634175.90       35.68263  (21012320)
        502771.98   3634175.90       37.41438  (21012320)                502821.98
3634175.90       38.60478  (21012320)
        502871.98   3634175.90       38.99722  (21012320)                502921.98
3634175.90       38.26292  (21012320)
        502971.98   3634175.90       36.38552  (21012320)                503021.98
3634175.90       33.32294  (21012320)
        503071.98   3634175.90       33.25021  (21111004)                503121.98
3634175.90       39.60335  (21111004)
        503171.98   3634175.90       45.22762  (21111004)                503221.98
3634175.90       48.86322  (21111004)
        503271.98   3634175.90       49.30676  (21111004)                503971.98
3634175.90      154.34701  (21022020)
        504021.98   3634175.90      147.90318  (21022702)                504071.98
3634175.90      134.59598  (21021721)
        504121.98   3634175.90      166.25937  (21060824)                504171.98
3634175.90      210.49013  (20081805)
        504221.98   3634175.90      239.15458  (20081803)                504271.98
3634175.90      225.12672  (20081603)
        504321.98   3634175.90      224.34731  (20081603)                504371.98
3634175.90      131.35557  (21011418)
        504421.98   3634175.90      102.47492  (21122302)                504471.98
3634175.90       96.15166  (21010408)
        504521.98   3634175.90       87.98908  (21011221)                504571.98
3634175.90       85.02026  (20121406)
        504621.98   3634175.90       78.83083  (20021723)                504671.98
3634175.90       76.55827  (19011606)
        504721.98   3634175.90       71.50518  (19011606)                502721.98
3634225.90       34.03803  (21012320)
        502771.98   3634225.90       37.58668  (21012320)                502821.98
3634225.90       41.02792  (21012320)
        502871.98   3634225.90       44.07949  (21012320)                502921.98
3634225.90       46.38349  (21012320)
        502971.98   3634225.90       47.77813  (21012320)                503021.98
3634225.90       47.91506  (21012320)
        503071.98   3634225.90       46.23619  (21012320)                503121.98
3634225.90       42.60016  (21012320)
        503171.98   3634225.90       41.80046  (21111004)                503221.98
3634225.90       50.30533  (21111004)
        503271.98   3634225.90       57.42498  (21111004)                504071.98
3634225.90      152.05333  (21022802)
        504121.98   3634225.90      138.44261  (21010602)                504171.98
3634225.90      255.47995  (20081803)
        504221.98   3634225.90      213.38781  (20081603)                504271.98
3634225.90      232.88662  (20081603)
        504321.98   3634225.90      188.67495  (20080121)                504371.98
3634225.90      130.79278  (21021921)
        504421.98   3634225.90      105.08814  (21011221)                504471.98
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3634225.90       98.74893  (20121406)
        504521.98   3634225.90       92.10460  (20021723)                504571.98
3634225.90       88.80799  (19011606)
        504621.98   3634225.90       81.35588  (20012223)                504671.98
3634225.90       77.51377  (21022322)
        504721.98   3634225.90       71.89190  (19011923)                502721.98
3634275.90       28.01379  (21012320)
        502771.98   3634275.90       32.18929  (21012320)                502821.98
3634275.90       36.85858  (21012320)
        502871.98   3634275.90       41.94152  (21012320)                502921.98
3634275.90       46.87904  (21012320)
        502971.98   3634275.90       51.71834  (21012320)                503021.98
3634275.90       56.31499  (21012320)
        503071.98   3634275.90       59.68487  (21012320)                503121.98
3634275.90       61.28828  (21012320)
        503171.98   3634275.90       60.43231  (21012320)                503221.98
3634275.90       56.39136  (21012320)
        503271.98   3634275.90       54.75503  (21111004)                504121.98
3634275.90      160.08191  (21020424)
        504171.98   3634275.90      143.26980  (20020722)                504221.98
3634275.90      228.03658  (20080121)
        504271.98   3634275.90      213.17452  (20080721)                504321.98
3634275.90      186.47644  (21040622)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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```
3634275.90       96.89729  (19121305)
        504571.98   3634275.90       88.19750  (19011923)                504621.98
3634275.90       84.68275  (19011923)
        504671.98   3634275.90       78.82221  (19012803)                504721.98
3634275.90       74.44323  (21121821)
        502721.98   3634325.90       28.69937  (19083104)                502771.98
3634325.90       29.71548  (19083104)
        502821.98   3634325.90       30.56005  (19083104)                502871.98
3634325.90       33.07045  (21012320)
        502971.98   3634325.90       45.44527  (21012320)                503021.98
3634325.90       52.92330  (21012320)
        503071.98   3634325.90       60.84320  (21012320)                503121.98
3634325.90       68.66607  (21012320)
        503171.98   3634325.90       75.74333  (21012320)                503221.98
3634325.90       80.85017  (21012320)
        503271.98   3634325.90       82.52104  (21012320)                504171.98
3634325.90      208.49979  (20080121)
        504221.98   3634325.90      250.97262  (21040622)                504271.98
3634325.90      224.29901  (21040622)
        504321.98   3634325.90      206.83091  (21081123)                504371.98
3634325.90      170.48958  (19121305)
        504421.98   3634325.90      133.52716  (20082223)                504471.98
3634325.90      105.04930  (19011923)
        504521.98   3634325.90       96.61014  (21121821)                504571.98
3634325.90       91.68790  (20121224)
        504621.98   3634325.90       85.52242  (20121224)                504671.98
3634325.90       80.16459  (20020703)
        504721.98   3634325.90       72.32014  (21022324)                502721.98
3634375.90       31.04983  (19083104)
        502771.98   3634375.90       33.18998  (19083104)                502821.98
3634375.90       35.32285  (19083104)
        503021.98   3634375.90       44.35752  (19083104)                503071.98
3634375.90       47.72569  (21012320)
        503121.98   3634375.90       58.06780  (21012320)                503171.98
3634375.90       70.03546  (21012320)
        503221.98   3634375.90       83.61330  (21012320)                503271.98
3634375.90       97.82423  (21012320)
        504221.98   3634375.90      255.52618  (21081123)                504271.98
3634375.90      232.40718  (20081502)
        504321.98   3634375.90      208.84609  (20073101)                504371.98
3634375.90      162.38614  (21121821)
        504421.98   3634375.90      117.92829  (20121224)                504471.98
3634375.90      106.78513  (20020703)
        504521.98   3634375.90       95.66972  (21022324)                504571.98
3634375.90       91.83814  (21122121)
        504621.98   3634375.90       88.95472  (21122121)                504671.98
3634375.90       83.16410  (20121803)
        504721.98   3634375.90       79.56700  (20121803)                502721.98
3634425.90       29.06015  (19083104)
        502771.98   3634425.90       31.63616  (19083104)                502821.98
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3634425.90       34.49162  (19083104)
        504271.98   3634425.90      144.15660  (19021120)                504321.98
3634425.90      182.35907  (20080102)
        504371.98   3634425.90      174.15409  (20081301)                504421.98
3634425.90      127.71655  (20121803)
        504471.98   3634425.90      111.69756  (20121803)                504521.98
3634425.90      103.19787  (21122201)
        504571.98   3634425.90       94.02929  (21122201)                504621.98
3634425.90       87.30637  (19021906)
        504671.98   3634425.90       80.59562  (19021906)                504721.98
3634425.90       75.73091  (20031603)
        502721.98   3634475.90       23.82183  (20022619)                502771.98
3634475.90       25.77059  (19083104)
        502821.98   3634475.90       28.48001  (19083104)                504321.98
3634475.90      124.87062  (20010320)
        504371.98   3634475.90      174.98110  (20082805)                504421.98
3634475.90      159.01745  (20013123)
        504471.98   3634475.90      123.11023  (20013123)                504521.98
3634475.90      101.80642  (20013123)
        504571.98   3634475.90       90.04752  (20013123)                504621.98
3634475.90       82.06652  (21013019)
        504671.98   3634475.90       79.06866  (21013019)                504721.98
3634475.90       76.23747  (21013019)
        502721.98   3634525.90       32.92650  (21021102)                502771.98
3634525.90       35.25443  (21021102)
        504371.98   3634525.90      109.51969  (21010219)                504421.98
3634525.90      134.17368  (20082306)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 693
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - -

3634675.90       69.84086  (21101422)
        504671.98   3634675.90       66.03402  (21090306)                504721.98
3634675.90       64.90409  (21090306)
        502721.98   3634725.90       31.46348  (19050903)                502771.98
3634725.90       34.83649  (19050903)
        502821.98   3634725.90       38.50271  (19050903)                502871.98
3634725.90       42.43525  (19050903)
        502921.98   3634725.90       46.60942  (19050903)                502971.98
3634725.90       50.91830  (19050903)
        503021.98   3634725.90       55.21200  (19050903)                503071.98
3634725.90       59.25454  (19050903)
        503121.98   3634725.90       62.67273  (19050903)                503171.98
3634725.90       64.96811  (19050903)
        503221.98   3634725.90       65.59885  (19050903)                503271.98
3634725.90       69.56806  (20021724)
        503321.98   3634725.90       91.90418  (20021724)                503371.98
3634725.90      141.31284  (21011719)
        503421.98   3634725.90      198.61274  (21011719)                503471.98
3634725.90      210.56864  (21011719)
        503521.98   3634725.90      239.53915  (20022207)                503571.98
3634725.90      263.37520  (21012023)
        503621.98   3634725.90      290.99390  (21121424)                504571.98
3634725.90       64.67194  (21020220)
        504621.98   3634725.90       59.21666  (21020220)                504671.98
3634725.90       67.37746  (21020220)
        504721.98   3634725.90       76.84057  (21012820)                502721.98
3634775.90       34.97733  (19050903)
        502771.98   3634775.90       37.43507  (19050903)                502821.98
3634775.90       39.81151  (19050903)
        502871.98   3634775.90       41.98522  (19050903)                502921.98
3634775.90       43.83016  (19050903)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                    INCLUDING SOURCE(S):     L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 45.16168 | (19050903) | 503021.98 | 3634775.90 | 45.73467 | (19050903) |
| 503071.98 | 3634775.90 | 45.32787 | (19050903) | 503121.98 | 3634775.90 | 45.06189 | (20021724) |
| 503171.98 | 3634775.90 | 57.74476 | (20021724) | 503221.98 | 3634775.90 | 72.01214 | (20021724) |
| 503271.98 | 3634775.90 | 106.29761 | (21011719) | 503321.98 | 3634775.90 | 141.59611 | (21011719) |
| 503371.98 | 3634775.90 | 154.54694 | (21011719) | 503421.98 | 3634775.90 | 158.95601 | (20022207) |
| 503471.98 | 3634775.90 | 178.78447 | (20022207) | 503521.98 | 3634775.90 | 189.35438 | (21012023) |
| 503571.98 | 3634775.90 | 208.27189 | (21121424) | 503621.98 | 3634775.90 | 230.76793 | (19121706) |
| 503671.98 | 3634775.90 | 192.69047 | (19020322) | 503721.98 | 3634775.90 | 271.92447 | (21021806) |
| 503771.98 | 3634775.90 | 315.00908 | (21012024) | 503821.98 | 3634775.90 | 192.13582 | (21013118) |
| 504621.98 | 3634775.90 | 54.18012 | (21020220) | 504671.98 | 3634775.90 | 52.33045 | (21020220) |
| 504721.98 | 3634775.90 | 77.25754 | (21012820) | 502721.98 | 3634825.90 | 32.96505 | (19050903) |
| 502771.98 | 3634825.90 | 33.78080 | (19050903) | 502821.98 | 3634825.90 | 34.20738 | (19050903) |
| 502871.98 | 3634825.90 | 34.13959 | (19050903) | 502921.98 | 3634825.90 | 33.45769 | (19050903) |
| 502971.98 | 3634825.90 | 32.09422 | (19050903) | 503021.98 | 3634825.90 | 39.61863 | (20021724) |
| 503071.98 | 3634825.90 | 48.72979 | (20021724) | 503121.98 | 3634825.90 | 58.46948 | (21011719) |
| 503171.98 | 3634825.90 | 83.79836 | (21011719) | 503221.98 | 3634825.90 | 107.55043 | (21011719) |
| 503271.98 | 3634825.90 | 118.58738 | (21011719) | 503321.98 | 3634825.90 | 108.74474 | (20022207) |
| 503371.98 | 3634825.90 | 133.43574 | (20022207) | 503421.98 | 3634825.90 | 141.61335 | (21012023) |
| 503471.98 | 3634825.90 | 143.25375 | (21012023) | 503521.98 | 3634825.90 | 156.42345 | (21121424) |
| 503571.98 | 3634825.90 | 169.16653 | (19121706) | 503621.98 | 3634825.90 | 168.18217 | (19121706) |
| 503671.98 | 3634825.90 | 168.53610 | (20120224) | 503721.98 | 3634825.90 | 230.32539 | (21021806) |
| 503771.98 | 3634825.90 | 250.66042 | (21012024) | 503821.98 | 3634825.90 | 152.37871 | (21041323) |
| 503871.98 | 3634825.90 | 201.60788 | (21013118) | 503921.98 | | | |

3634825.90      146.64969  (21013118)
        504671.98   3634825.90       40.56088  (20082303)                504721.98
3634825.90       57.96125  (20082303)
        502721.98   3634875.90       26.56073  (19050903)                502771.98
3634875.90       25.85859  (19050903)
        502821.98   3634875.90       24.84143  (19120120)                502871.98
3634875.90       28.84977  (20021724)
        502921.98   3634875.90       35.00611  (20021724)                502971.98
3634875.90       41.71462  (20021724)
        503021.98   3634875.90       49.88350  (21011719)                503071.98
3634875.90       68.30314  (21011719)
        503121.98   3634875.90       85.30645  (21011719)                503171.98
3634875.90       94.42430  (21011719)
        503221.98   3634875.90       89.47714  (21011719)                503271.98
3634875.90       98.92278  (20022207)
        503321.98   3634875.90      110.62235  (20022207)                503371.98
3634875.90      117.25002  (21012023)
        503421.98   3634875.90      112.75512  (21012023)                503471.98
3634875.90      125.84657  (20040823)
        503521.98   3634875.90      137.33660  (21121424)                503571.98
3634875.90      146.19261  (19121706)
        503621.98   3634875.90      122.44533  (19020322)                503671.98
3634875.90      158.57037  (20120224)
        503721.98   3634875.90      192.32271  (21021806)                503771.98
3634875.90      204.79899  (21012024)
        503821.98   3634875.90      128.70570  (21012024)                503871.98
3634875.90      193.39362  (21013118)
        503921.98   3634875.90      299.96798  (20121721)                504721.98
3634875.90       32.56855  (20082303)
        502721.98   3634925.90       22.19956  (19120120)                502771.98
3634925.90       26.29017  (20021724)
        502821.98   3634925.90       31.12796  (20021724)                502871.98
3634925.90       36.22541  (20021724)
        502921.98   3634925.90       43.17495  (21011719)                502971.98
3634925.90       57.10749  (21011719)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                    INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 69.85427 | (21011719) | 503071.98 | 3634925.90 | 77.34854 | (21011719) |
| 503121.98 | 3634925.90 | 75.64303 | (21011719) | 503171.98 | 3634925.90 | 74.49333 | (20022207) |
| 503221.98 | 3634925.90 | 87.87622 | (20022207) | 503271.98 | 3634925.90 | 91.66017 | (20022207) |
| 503321.98 | 3634925.90 | 98.25839 | (21012023) | 503371.98 | 3634925.90 | 91.15089 | (21012023) |
| 503421.98 | 3634925.90 | 104.55383 | (20040823) | 503471.98 | 3634925.90 | 115.02216 | (21121424) |
| 503521.98 | 3634925.90 | 121.65066 | (19121706) | 503571.98 | 3634925.90 | 105.81913 | (19121706) |
| 503621.98 | 3634925.90 | 99.28433 | (19020322) | 503671.98 | 3634925.90 | 141.32797 | (20120224) |
| 503721.98 | 3634925.90 | 214.29613 | (21081004) | 503771.98 | 3634925.90 | 233.55214 | (20071102) |
| 503821.98 | 3634925.90 | 277.14217 | (19122420) | 503871.98 | 3634925.90 | 286.36027 | (20092001) |
| 502721.98 | 3634975.90 | 27.85649 | (20021724) | 502771.98 | 3634975.90 | 31.81267 | (20021724) |
| 502821.98 | 3634975.90 | 37.81659 | (21011719) | 502871.98 | 3634975.90 | 48.68960 | (21011719) |
| 502921.98 | 3634975.90 | 58.57578 | (21011719) | 502971.98 | 3634975.90 | 64.82423 | (21011719) |
| 503021.98 | 3634975.90 | 64.73938 | (21011719) | 503071.98 | 3634975.90 | 57.19444 | (20022207) |
| 503121.98 | 3634975.90 | 69.48118 | (20022207) | 503171.98 | 3634975.90 | 77.07007 | (20022207) |
| 503221.98 | 3634975.90 | 77.85169 | (21012023) | 503271.98 | 3634975.90 | 83.43445 | (21012023) |
| 503321.98 | 3634975.90 | 77.95204 | (20040823) | 503371.98 | 3634975.90 | 88.87740 | (20040823) |
| 503421.98 | 3634975.90 | 97.35542 | (21121424) | 503471.98 | 3634975.90 | 99.51983 | (19121706) |
| 503521.98 | 3634975.90 | 99.88065 | (19121706) | 503571.98 | 3634975.90 | 86.90845 | (19020322) |
| 503621.98 | 3634975.90 | 97.80626 | (20120224) | 503671.98 | 3634975.90 | 121.95450 | (20120224) |
| 503721.98 | 3634975.90 | 212.39355 | (21081004) | 503771.98 | 3634975.90 | 238.53052 | (20071102) |
| 503821.98 | 3634975.90 | 240.73179 | (19122420) | 503871.98 | | | |

3634975.90      189.07063  (20092001)
        502721.98   3635025.90       33.46318  (21011719)                502771.98
3635025.90       42.16100  (21011719)
        502821.98   3635025.90       50.05801  (21011719)                502871.98
3635025.90       55.29662  (21011719)
        502921.98   3635025.90       56.03666  (21011719)                502971.98
3635025.90       51.27648  (21011719)
        503021.98   3635025.90       55.31291  (20022207)                503071.98
3635025.90       63.59768  (20022207)
        503121.98   3635025.90       66.99724  (20022207)                503171.98
3635025.90       69.25728  (21012023)
        503221.98   3635025.90       71.47968  (21012023)                503271.98
3635025.90       67.71768  (20040823)
        503321.98   3635025.90       76.55289  (20040823)                503371.98
3635025.90       83.33251  (21121424)
        503421.98   3635025.90       80.91474  (19121706)                503471.98
3635025.90       89.87845  (19121706)
        503521.98   3635025.90       72.76652  (19121706)                503571.98
3635025.90       74.16609  (19020322)
        503621.98   3635025.90       95.76524  (20120224)                503671.98
3635025.90      144.88191  (20120224)
        503721.98   3635025.90      215.39345  (21081004)                503771.98
3635025.90      207.99999  (20071102)
        503821.98   3635025.90      182.63851  (19122420)                504371.98
3635025.90       57.50755  (21012617)
        502721.98   3635075.90       43.41997  (21011719)                502771.98
3635075.90       47.87217  (21011719)
        502821.98   3635075.90       49.01096  (21011719)                502871.98
3635075.90       46.03077  (21011719)
        502921.98   3635075.90       44.47321  (20022207)                502971.98
3635075.90       52.36338  (20022207)
        503021.98   3635075.90       57.54306  (20022207)                503071.98
3635075.90       58.13712  (20022207)
        503121.98   3635075.90       61.71643  (21012023)                503171.98
3635075.90       61.84227  (21012023)
        503221.98   3635075.90       59.59388  (20040823)                503271.98
3635075.90       66.87293  (20040823)
        503321.98   3635075.90       71.94169  (21121424)                503371.98
3635075.90       72.01435  (21121424)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911

, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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3635125.90       51.19097  (21012617)
        504471.98   3635125.90       46.97275  (21012617)                504521.98
3635125.90       39.74538  (21012617)
        504571.98   3635125.90       31.45557  (21012617)                502721.98
3635175.90       33.83002  (21011719)
        502771.98   3635175.90       35.87333  (20022207)                502821.98
3635175.90       41.32486  (20022207)
        502871.98   3635175.90       45.05563  (20022207)                502921.98
3635175.90       46.14786  (20022207)
        502971.98   3635175.90       46.84023  (21012023)                503021.98
3635175.90       49.48036  (21012023)
        503071.98   3635175.90       47.44119  (21012023)                503121.98
3635175.90       47.55593  (20040823)
        503171.98   3635175.90       52.73849  (20040823)                503221.98
3635175.90       55.05538  (21121424)
        503271.98   3635175.90       58.41305  (21121424)                503321.98
3635175.90       57.98966  (19121706)
        503371.98   3635175.90       62.51909  (19121706)                503421.98
3635175.90       54.17279  (19121706)
        503471.98   3635175.90       52.31929  (19020322)                503521.98
3635175.90       49.44075  (19020322)
        503571.98   3635175.90      121.16791  (20101023)                503621.98
3635175.90      122.93420  (19031924)
        503671.98   3635175.90      141.47672  (21081004)                503721.98
3635175.90      145.84370  (19101219)
        503771.98   3635175.90      131.84567  (19072223)                503821.98
3635175.90      126.55594  (19072224)
        504371.98   3635175.90       44.54127  (20011620)                504421.98
3635175.90       45.18167  (21012617)
        504471.98   3635175.90       45.94380  (21012617)                504521.98
3635175.90       42.79903  (21012617)
        504571.98   3635175.90       36.99304  (21012617)                504621.98
3635175.90       30.14394  (21012617)
        502721.98   3635225.90       35.06183  (20022207)                502771.98
3635225.90       39.11107  (20022207)
        502821.98   3635225.90       41.35180  (20022207)                502871.98
3635225.90       41.09890  (20022207)
        502921.98   3635225.90       43.12092  (21012023)                502971.98
3635225.90       44.52818  (21012023)
        503021.98   3635225.90       42.01613  (21012023)                503071.98
3635225.90       43.01026  (20040823)
        503121.98   3635225.90       47.46795  (20040823)                503171.98
3635225.90       48.78575  (21121424)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 697
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***

INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 52.77329 | (21121424) | 503271.98 | 3635225.90 | 49.56117 | (19121706) |
| 503321.98 | 3635225.90 | 56.37735 | (19121706) | 503371.98 | 3635225.90 | 53.02901 | (19121706) |
| 503421.98 | 3635225.90 | 45.50260 | (19020322) | 503471.98 | 3635225.90 | 47.32945 | (19020322) |
| 503521.98 | 3635225.90 | 46.09932 | (20120224) | 503571.98 | 3635225.90 | 112.78509 | (20101023) |
| 503621.98 | 3635225.90 | 143.58949 | (19031924) | 503671.98 | 3635225.90 | 139.63062 | (21081004) |
| 504371.98 | 3635225.90 | 45.59062 | (20011620) | 504421.98 | 3635225.90 | 39.41528 | (20011620) |
| 504471.98 | 3635225.90 | 40.60766 | (21012617) | 504521.98 | 3635225.90 | 41.50308 | (21012617) |
| 504571.98 | 3635225.90 | 39.13841 | (21012617) | 504621.98 | 3635225.90 | 34.53049 | (21012617) |
| 502721.98 | 3635275.90 | 36.61978 | (20022207) | 502771.98 | 3635275.90 | 37.66171 | (20022207) |
| 502821.98 | 3635275.90 | 36.53425 | (20022207) | 502871.98 | 3635275.90 | 39.69988 | (21012023) |
| 502921.98 | 3635275.90 | 40.17540 | (21012023) | 502971.98 | 3635275.90 | 37.41178 | (21012023) |
| 503021.98 | 3635275.90 | 39.08501 | (20040823) | 503071.98 | 3635275.90 | 42.92517 | (20040823) |
| 503121.98 | 3635275.90 | 43.41171 | (21121424) | 503171.98 | 3635275.90 | 47.67284 | (21121424) |
| 503221.98 | 3635275.90 | 45.72877 | (21121424) | 503271.98 | 3635275.90 | 50.13001 | (19121706) |
| 503321.98 | 3635275.90 | 50.36518 | (19121706) | 503371.98 | 3635275.90 | 41.95933 | (19121706) |
| 503421.98 | 3635275.90 | 43.05600 | (19020322) | 503471.98 | 3635275.90 | 41.36597 | (19020322) |
| 503521.98 | 3635275.90 | 48.06093 | (20120224) | 503571.98 | | | |

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3635275.90       85.80675  (20120224)
        503621.98   3635275.90      121.50658  (19031924)                504371.98
3635275.90       42.59067  (20011620)
        504421.98   3635275.90       57.18445  (21090701)                504471.98
3635275.90       35.11135  (20011620)
        504521.98   3635275.90       36.68462  (21012617)                504571.98
3635275.90       37.68857  (21012617)
        504621.98   3635275.90       42.04654  (21012617)                504671.98
3635275.90       32.28947  (21012617)
        502721.98   3635325.90       34.24402  (20022207)                502771.98
3635325.90       34.29651  (21012023)
        502821.98   3635325.90       36.57737  (21012023)                502871.98
3635325.90       36.41213  (21012023)
        502921.98   3635325.90       33.50932  (21012023)                502971.98
3635325.90       35.80445  (20040823)
        503021.98   3635325.90       39.15179  (20040823)                503071.98
3635325.90       39.21971  (20040823)
        503121.98   3635325.90       43.26997  (21121424)                503171.98
3635325.90       42.53422  (21121424)
        503221.98   3635325.90       44.27040  (19121706)                503271.98
3635325.90       46.85549  (19121706)
        503321.98   3635325.90       42.07844  (19121706)                503371.98
3635325.90       37.86455  (19020322)
        503421.98   3635325.90       39.36726  (19020322)                503471.98
3635325.90       35.29039  (19020322)
        503521.98   3635325.90       48.45057  (20120224)                503571.98
3635325.90       55.72563  (20120224)
        503621.98   3635325.90      101.51411  (19031924)                504371.98
3635325.90       50.86537  (20011620)
        504421.98   3635325.90       51.51071  (20011620)                504471.98
3635325.90       36.75057  (20011620)
        504521.98   3635325.90       31.54620  (20011620)                504571.98
3635325.90       33.40308  (21012617)
        504621.98   3635325.90       38.94088  (21012617)                504671.98
3635325.90       44.13669  (21012617)
        504721.98   3635325.90       30.22168  (21012617)                502721.98
3635375.90       43.97822  (21012023)
        502771.98   3635375.90       55.74899  (20071201)                502821.98
3635375.90       56.02972  (21072005)
        502871.98   3635375.90       57.70540  (21110406)                502921.98
3635375.90       57.66763  (20070801)
        502971.98   3635375.90       46.69875  (20040823)                503021.98
3635375.90       62.00346  (20070802)
        503071.98   3635375.90       69.28376  (20111121)                503121.98
3635375.90       58.84627  (19091321)
        503171.98   3635375.90       46.45996  (19121706)                503221.98
3635375.90       42.98732  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***
INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 41.02220 | (19121706) | 503321.98 | 3635375.90 | 33.31769 | (19121706) |
| 503371.98 | 3635375.90 | 36.09485 | (19020322) | 503421.98 | 3635375.90 | 35.10055 | (19020322) |
| 503471.98 | 3635375.90 | 35.59208 | (20120224) | 503521.98 | 3635375.90 | 47.66056 | (20120224) |
| 503571.98 | 3635375.90 | 51.06439 | (20120224) | 503621.98 | 3635375.90 | 77.19029 | (21021806) |
| 503671.98 | 3635375.90 | 108.46734 | (21081004) | 503721.98 | 3635375.90 | 108.24322 | (19101219) |
| 504371.98 | 3635375.90 | 48.83164 | (21121422) | 504421.98 | 3635375.90 | 41.39166 | (20011620) |
| 504471.98 | 3635375.90 | 35.67566 | (20011620) | 504521.98 | 3635375.90 | 33.30279 | (20011620) |
| 504571.98 | 3635375.90 | 28.51285 | (20011620) | 504621.98 | 3635375.90 | 51.55026 | (21122618) |
| 504671.98 | 3635375.90 | 48.33643 | (21122618) | 504721.98 | 3635375.90 | 40.70607 | (21012617) |
| 502721.98 | 3635425.90 | 47.30421 | (21012023) | 502771.98 | 3635425.90 | 52.44228 | (21072005) |
| 502821.98 | 3635425.90 | 56.05296 | (21110406) | 502871.98 | 3635425.90 | 59.62711 | (20070801) |
| 502921.98 | 3635425.90 | 56.39751 | (20070802) | 502971.98 | 3635425.90 | 66.91784 | (20070802) |
| 503021.98 | 3635425.90 | 67.24782 | (19100620) | 503071.98 | 3635425.90 | 74.40733 | (19091321) |
| 503121.98 | 3635425.90 | 57.72272 | (20042421) | 503171.98 | 3635425.90 | 57.87238 | (20042421) |
| 503221.98 | 3635425.90 | 39.12493 | (19121706) | 503271.98 | | | |

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3635425.90       65.02850  (20110924)
        503321.98   3635425.90       59.39313  (19073101)                503371.98
3635425.90       36.39187  (19020322)
        503421.98   3635425.90       30.58739  (19020322)                503471.98
3635425.90       43.40595  (20120224)
        503521.98   3635425.90       70.27130  (20101023)                503571.98
3635425.90       77.08465  (19031924)
        503621.98   3635425.90       74.67388  (21021806)                503671.98
3635425.90       98.79638  (21081004)
        503721.98   3635425.90      103.35284  (19101219)                503771.98
3635425.90      103.48336  (20071102)
        503821.98   3635425.90       79.47819  (21061222)                504371.98
3635425.90       61.37747  (21121422)
        504421.98   3635425.90       47.71619  (21061321)                504471.98
3635425.90       53.79633  (21090701)
        504521.98   3635425.90       32.76174  (20011620)                504571.98
3635425.90       30.30140  (20011620)
        504621.98   3635425.90       59.88787  (21122618)                504671.98
3635425.90       57.17081  (21122618)
        504721.98   3635425.90       45.82102  (21122618)                502721.98
3635475.90       46.54878  (21072005)
        502771.98   3635475.90       52.27305  (21110406)                502821.98
3635475.90       55.33756  (20070801)
        502871.98   3635475.90       52.00321  (20070801)                502921.98
3635475.90       61.77413  (20070802)
        502971.98   3635475.90       63.86902  (19100620)                503021.98
3635475.90       69.00604  (19091321)
        503071.98   3635475.90       67.08721  (19091321)                503121.98
3635475.90       58.90814  (20042421)
        503171.98   3635475.90       53.06983  (19121706)                503221.98
3635475.90       57.62579  (20110924)
        503271.98   3635475.90       60.94757  (20110924)                503321.98
3635475.90       62.17045  (20091222)
        503371.98   3635475.90       56.25537  (19111601)                503421.98
3635475.90       60.88522  (20033120)
        503471.98   3635475.90       69.50177  (20101023)                503521.98
3635475.90       67.55076  (20120224)
        503571.98   3635475.90       76.75217  (19031924)                503621.98
3635475.90       70.27105  (21021806)
        503671.98   3635475.90       80.23816  (21081004)                503721.98
3635475.90       86.09957  (19101219)
        503771.98   3635475.90       97.08069  (20071102)                503821.98
3635475.90       75.28498  (21061222)
        503871.98   3635475.90       90.78588  (19122420)                503921.98
3635475.90      107.28805  (19122420)
        504371.98   3635475.90       18.53373  (20040223)                504421.98
3635475.90       23.21286  (20011620)
        504471.98   3635475.90       37.66674  (20011620)                504521.98
3635475.90       30.33071  (20011620)
        504571.98   3635475.90       42.32942  (21090701)                504621.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3632975.90       44.58462  (19081924)
        503421.98   3632975.90       44.52639  (19110606)                503471.98
3632975.90       45.81747  (19110606)
        503621.98   3632975.90       45.11151  (20050102)                503671.98
3632975.90       43.36389  (21020203)
        503721.98   3632975.90       41.28057  (21020203)                503771.98
3632975.90       35.52056  (20082921)
        503821.98   3632975.90       37.90755  (20082921)                503871.98
3632975.90       33.01222  (20110207)
        503921.98   3632975.90       28.50405  (20080919)                503971.98
3632975.90       35.43620  (20082519)
        504021.98   3632975.90       37.76571  (20022622)                504071.98
3632975.90       37.16580  (21013120)
        504121.98   3632975.90       36.73942  (21011302)                504171.98
3632975.90       32.99993  (19102905)
        504221.98   3632975.90       35.86513  (21022205)                504271.98
3632975.90       36.20158  (20022403)
        504321.98   3632975.90       33.95820  (20022403)                504371.98
3632975.90       34.71206  (21011620)
        504421.98   3632975.90       34.42015  (21013021)                504471.98
3632975.90       33.52424  (20042404)
        504521.98   3632975.90       33.68511  (21120723)                504571.98
3632975.90       32.59775  (20101423)
        504621.98   3632975.90       31.77477  (20112022)                504671.98
3632975.90       32.06102  (21011323)
        504721.98   3632975.90       31.55854  (21120804)                504771.98
3632975.90       31.09461  (21010102)
        504821.98   3632975.90       29.86345  (20011902)                504871.98
3632975.90       30.26911  (19022705)
        504921.98   3632975.90       29.96966  (21021820)                504971.98
3632975.90       28.83377  (20121007)
        505021.98   3632975.90       28.82209  (21011520)                505071.98
3632975.90       27.36431  (21010522)
        505121.98   3632975.90       26.93771  (19122301)                505171.98
3632975.90       26.46900  (20122923)
        505221.98   3632975.90       25.53579  (20122923)                502221.98
3633025.90        4.19336  (21030103)
        502271.98   3633025.90        5.44998  (21030103)                502321.98
3633025.90        6.90728  (21030103)
        502371.98   3633025.90        8.51872  (21030103)                502421.98
3633025.90       10.18197  (21030103)
        502471.98   3633025.90       11.75274  (21030103)                502521.98
3633025.90       13.06661  (21030103)
        502571.98   3633025.90       13.94624  (21030103)                502621.98
3633025.90       14.24785  (21030103)
        502671.98   3633025.90       16.66885  (20121603)                502721.98
3633025.90       19.26439  (20121603)
        502771.98   3633025.90       20.94353  (20121603)                502821.98
3633025.90       32.67788  (20121603)
        502871.98   3633025.90       31.50784  (20121603)                502921.98
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3633025.90       37.56793  (20092124)
        502971.98   3633025.90       39.73536  (20090205)                503021.98
3633025.90       44.98941  (20090205)
        503071.98   3633025.90       41.19302  (20090205)                503121.98
3633025.90       38.18389  (20102407)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503171.98   3633025.90       40.07028  (20111701)                503221.98
3633025.90       39.12947  (20111701)
        503271.98   3633025.90       39.66098  (19081924)                503321.98
3633025.90       51.24960  (19081924)
        503371.98   3633025.90       49.13605  (19081924)                503421.98
3633025.90       45.13790  (19110606)
        503471.98   3633025.90       48.48003  (19110606)                503621.98
3633025.90       45.08348  (20050102)
        503671.98   3633025.90       43.99817  (21020203)                503721.98
3633025.90       43.93388  (21020203)
        503771.98   3633025.90       34.32454  (20082921)                503821.98
3633025.90       37.64284  (20110207)
        503871.98   3633025.90       33.91148  (20110207)                503921.98
3633025.90       30.11353  (20082519)
        503971.98   3633025.90       36.75993  (20082519)                504021.98
3633025.90       39.50188  (20022622)
        504071.98   3633025.90       39.27978  (21013120)                504121.98
3633025.90       37.24690  (21011302)
        504171.98   3633025.90       35.93382  (19102905)                504221.98
3633025.90       37.40605  (21022205)
        504271.98   3633025.90       38.72063  (20022403)                504321.98

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3633025.90       37.17896  (21011620)
        504371.98   3633025.90       35.67228  (20052501)                504421.98
3633025.90       33.93085  (21013021)
        504471.98   3633025.90       34.83164  (21120723)                504521.98
3633025.90       33.40092  (20112701)
        504571.98   3633025.90       33.12582  (20101423)                504621.98
3633025.90       33.20562  (21022020)
        504671.98   3633025.90       33.05749  (21011323)                504721.98
3633025.90       32.73390  (21010102)
        504771.98   3633025.90       32.18182  (20011902)                504821.98
3633025.90       30.99752  (19022705)
        504871.98   3633025.90       31.19464  (21021820)                504921.98
3633025.90       30.33973  (20121007)
        504971.98   3633025.90       30.51934  (21011520)                505021.98
3633025.90       28.71558  (19121906)
        505071.98   3633025.90       28.41787  (21010522)                505121.98
3633025.90       27.60909  (19122301)
        505171.98   3633025.90       26.91823  (20122923)                505221.98
3633025.90       26.07753  (20100121)
        502221.98   3633075.90        4.53905  (19010119)                502271.98
3633075.90        4.45957  (21030103)
        502321.98   3633075.90        5.81388  (21030103)                502371.98
3633075.90        7.39331  (21030103)
        502421.98   3633075.90        9.13093  (21030103)                502471.98
3633075.90       10.90567  (21030103)
        502521.98   3633075.90       12.56216  (21030103)                502571.98
3633075.90       13.90352  (21030103)
        502621.98   3633075.90       14.73488  (21030103)                502671.98
3633075.90       15.16791  (20121603)
        502721.98   3633075.90       18.33652  (20121603)                502771.98
3633075.90       20.86619  (20121603)
        502821.98   3633075.90       31.92313  (20121603)                502871.98
3633075.90       33.90716  (20121603)
        502921.98   3633075.90       37.55713  (20092124)                502971.98
3633075.90       41.34671  (21063005)
        503021.98   3633075.90       44.36041  (20090205)                503071.98
3633075.90       42.14537  (20090205)
        503121.98   3633075.90       36.73018  (20102407)                503171.98
3633075.90       40.92369  (20082723)
        503221.98   3633075.90       40.06543  (20082723)                503271.98
3633075.90       38.12558  (19050103)
        503321.98   3633075.90       50.81158  (19081924)                503371.98
3633075.90       52.09989  (19081924)
        503421.98   3633075.90       44.52841  (19110606)                503471.98
3633075.90       50.75216  (19110606)
        503621.98   3633075.90       44.94888  (20050102)                503671.98
3633075.90       44.30305  (20050102)
        503721.98   3633075.90       43.86426  (21020203)                503771.98
3633075.90       35.01496  (20032924)
        503821.98   3633075.90       39.69930  (20110207)                503871.98
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3633075.90       34.80981  (20110207)
        503921.98   3633075.90       32.77208  (20082519)                503971.98
3633075.90       38.98495  (19032124)
        504021.98   3633075.90       40.86921  (20022622)                504071.98
3633075.90       40.85764  (21013120)
        504121.98   3633075.90       36.92339  (21011302)                504171.98
3633075.90       38.16440  (19102905)
        504221.98   3633075.90       38.84982  (19121107)                504271.98
3633075.90       39.53445  (20022403)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504321.98   3633075.90       38.91716  (21011620)                504371.98
3633075.90       37.67063  (21013021)
        504421.98   3633075.90       36.15204  (20042404)                504471.98
3633075.90       36.75845  (21120723)
        504521.98   3633075.90       35.41125  (20101423)                504571.98
3633075.90       34.32113  (20112022)
        504621.98   3633075.90       35.09692  (21011323)                504671.98
3633075.90       33.85374  (21120804)
        504721.98   3633075.90       33.53282  (20011902)                504771.98
3633075.90       32.37544  (21022803)
        504821.98   3633075.90       32.46634  (19022705)                504871.98
3633075.90       31.47285  (20121007)
        504921.98   3633075.90       32.00819  (21011520)                504971.98
3633075.90       30.30605  (19121906)
        505021.98   3633075.90       30.05680  (21010522)                505071.98
3633075.90       29.17499  (19122301)
        505121.98   3633075.90       28.37601  (20122923)                505171.98

3633075.90 27.12996 (20100121)
505221.98 3633075.90 27.96529 (21022502) 502221.98
3633125.90 5.20965 (19010119)
502271.98 3633125.90 4.83969 (19010119) 502321.98
3633125.90 4.74429 (21030103)
502371.98 3633125.90 6.21367 (21030103) 502421.98
3633125.90 7.92764 (21030103)
502471.98 3633125.90 9.80328 (21030103) 502521.98
3633125.90 11.70702 (21030103)
502571.98 3633125.90 13.44852 (21030103) 502621.98
3633125.90 14.80570 (21030103)
502671.98 3633125.90 15.56718 (21030103) 502721.98
3633125.90 16.87929 (20121603)
502771.98 3633125.90 20.13119 (20121603) 502821.98
3633125.90 22.50329 (20121603)
502871.98 3633125.90 34.33179 (20121603) 502921.98
3633125.90 33.62925 (20121603)
502971.98 3633125.90 44.83511 (20092124) 503021.98
3633125.90 49.88332 (20092124)
503071.98 3633125.90 48.39003 (20092124) 503121.98
3633125.90 39.77832 (20061222)
503171.98 3633125.90 40.61544 (20082723) 503221.98
3633125.90 42.52149 (20082723)
503271.98 3633125.90 40.36223 (20111701) 503321.98
3633125.90 49.93924 (19081924)
503371.98 3633125.90 56.00922 (19081924) 503421.98
3633125.90 43.28325 (19110606)
503471.98 3633125.90 52.59975 (19110606) 503621.98
3633125.90 44.16580 (20050102)
503671.98 3633125.90 44.26079 (20050102) 503721.98
3633125.90 43.83842 (21020203)
503771.98 3633125.90 37.43332 (20032924) 503821.98
3633125.90 41.86950 (20110207)
503871.98 3633125.90 35.56761 (20110207) 503921.98
3633125.90 35.55738 (20082519)
503971.98 3633125.90 41.34305 (19032124) 504021.98
3633125.90 41.75625 (20022622)
504071.98 3633125.90 41.72829 (21013120) 504121.98
3633125.90 36.07218 (20081819)
504171.98 3633125.90 40.00850 (21022205) 504221.98
3633125.90 40.65554 (20022403)
504271.98 3633125.90 38.74669 (21011620) 504321.98
3633125.90 39.11820 (20052501)
504371.98 3633125.90 38.21471 (21013021) 504421.98
3633125.90 37.72797 (20042404)
504471.98 3633125.90 36.40346 (20112701) 504521.98
3633125.90 35.95003 (20112022)
504571.98 3633125.90 35.90836 (21022020) 504621.98
3633125.90 35.39963 (21120804)
504671.98 3633125.90 35.59645 (21010102) 504721.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3633175.90        5.15585  (19010119)                502371.98
3633175.90        5.05762  (21030103)
        502421.98   3633175.90        6.65793  (21030103)                502471.98
3633175.90        8.51998  (21030103)
        502521.98   3633175.90       10.55231  (21030103)                502571.98
3633175.90       12.59042  (21030103)
        502621.98   3633175.90       14.41481  (21030103)                502671.98
3633175.90       15.77351  (21030103)
        502721.98   3633175.90       16.42786  (21030103)                502771.98
3633175.90       26.25083  (21030103)
        502821.98   3633175.90       33.24326  (21031822)                502871.98
3633175.90       32.95140  (20121603)
        502921.98   3633175.90       35.42376  (20121603)                502971.98

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3633175.90       35.43204  (20092124)
        503021.98   3633175.90       49.90228  (20092124)                503071.98
3633175.90       51.65886  (20092124)
        503121.98   3633175.90       45.09006  (20092124)                503171.98
3633175.90       35.54532  (20102407)
        503221.98   3633175.90       44.93811  (20082723)                503271.98
3633175.90       43.96776  (20111701)
        503321.98   3633175.90       46.77128  (19081924)                503371.98
3633175.90       56.92746  (19081924)
        503421.98   3633175.90       48.59317  (19081924)                503471.98
3633175.90       53.94496  (19110606)
        503621.98   3633175.90       40.90891  (20050102)                503671.98
3633175.90       45.58427  (20050102)
        503721.98   3633175.90       43.82416  (21020203)                503771.98
3633175.90       39.86162  (20032924)
        503821.98   3633175.90       44.16937  (20110207)                503871.98
3633175.90       36.23519  (20110207)
        503921.98   3633175.90       38.44060  (20082519)                503971.98
3633175.90       43.49646  (19032124)
        504021.98   3633175.90       42.07278  (20022622)                504071.98
3633175.90       43.75753  (21011302)
        504121.98   3633175.90       39.44828  (19102905)                504171.98
3633175.90       42.73788  (21022205)
        504221.98   3633175.90       44.00278  (20022403)                504271.98
3633175.90       42.57841  (21011620)
        504321.98   3633175.90       40.88154  (21013021)                504371.98
3633175.90       38.96214  (20042404)
        504421.98   3633175.90       40.31912  (21120723)                504471.98
3633175.90       38.71965  (20101423)
        504521.98   3633175.90       37.22009  (20112022)                504571.98
3633175.90       38.37532  (21011323)
        504621.98   3633175.90       37.08766  (21010102)                504671.98
3633175.90       36.81854  (20011902)
        504721.98   3633175.90       35.67096  (19022705)                504771.98
3633175.90       35.77402  (21021820)
        504821.98   3633175.90       34.30716  (20121007)                504871.98
3633175.90       33.75235  (21011520)
        504921.98   3633175.90       33.24821  (21010522)                504971.98
3633175.90       32.48206  (19122301)
        505021.98   3633175.90       31.57945  (20122923)                505071.98
3633175.90       29.44412  (20100121)
        505121.98   3633175.90       30.55403  (21022502)                505171.98
3633175.90       30.10240  (21022502)
        505221.98   3633175.90       28.29802  (19120104)                502221.98
3633225.90        6.47979  (19010119)
        502271.98   3633225.90        6.25073  (19010119)                502321.98
3633225.90        5.92264  (19010119)
        502371.98   3633225.90        5.51818  (19010119)                502421.98
3633225.90        5.40239  (21030103)
        502471.98   3633225.90        7.14421  (21030103)                502521.98
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3633225.90        9.17661  (21030103)
        502571.98   3633225.90       11.38019  (21030103)                502621.98
3633225.90       13.56419  (21030103)
        502671.98   3633225.90       15.47115  (21030103)                502721.98
3633225.90       16.80568  (21030103)
        502771.98   3633225.90       17.33852  (21030103)                502821.98
3633225.90       29.17720  (21031822)
        502871.98   3633225.90       33.06801  (20121603)                502921.98
3633225.90       35.98802  (20121603)
        502971.98   3633225.90       34.94125  (20121603)                503021.98
3633225.90       40.23841  (20092124)
        503071.98   3633225.90       47.03920  (20092124)                503121.98
3633225.90       43.94868  (20092124)
        503171.98   3633225.90       36.30960  (20092124)                503221.98
3633225.90       43.85986  (20082723)
        503271.98   3633225.90       47.46376  (20082723)                503321.98
3633225.90       44.77238  (20111701)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                   INCLUDING SOURCE(S):     L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633225.90 41.37978 (20082519)
503971.98 3633225.90 45.34722 (19032124) 504021.98
3633225.90 45.63938 (21013120)
504071.98 3633225.90 45.20053 (21011302) 504121.98
3633225.90 43.07554 (19102905)
504171.98 3633225.90 44.05239 (19121107) 504221.98
3633225.90 45.19331 (20022403)
504271.98 3633225.90 44.06500 (21011620) 504321.98
3633225.90 42.86454 (21013021)
504371.98 3633225.90 41.65763 (20042404) 504421.98
3633225.90 39.92339 (20112701)
504471.98 3633225.90 39.57675 (20112022) 504521.98
3633225.90 39.32055 (21011323)
504571.98 3633225.90 38.90280 (21120804) 504621.98
3633225.90 38.29077 (20011902)
504671.98 3633225.90 36.91354 (21022803) 504721.98
3633225.90 37.12323 (21021820)
504771.98 3633225.90 36.38247 (20121007) 504821.98
3633225.90 36.27839 (21011520)
504871.98 3633225.90 34.67674 (21010522) 504921.98
3633225.90 34.15924 (19122301)
504971.98 3633225.90 33.33595 (20122923) 505021.98
3633225.90 30.75482 (19081501)
505071.98 3633225.90 32.02962 (21022502) 505121.98
3633225.90 31.53265 (21022502)
505171.98 3633225.90 29.51339 (19120104) 505221.98
3633225.90 30.23172 (20021702)
502221.98 3633275.90 7.00382 (19010119) 502271.98
3633275.90 6.89201 (19010119)
502321.98 3633275.90 6.67246 (19010119) 502371.98
3633275.90 6.34099 (19010119)
502421.98 3633275.90 5.90757 (19010119) 502471.98
3633275.90 5.78000 (21030103)
502521.98 3633275.90 7.68723 (21030103) 502571.98
3633275.90 9.90698 (21030103)
502621.98 3633275.90 12.30103 (21030103) 502671.98
3633275.90 14.64195 (21030103)
502721.98 3633275.90 16.62831 (21030103) 502771.98
3633275.90 17.92657 (21030103)
502821.98 3633275.90 35.86596 (21031822) 502871.98
3633275.90 33.68599 (21031822)
502921.98 3633275.90 35.04942 (20121603) 502971.98
3633275.90 36.90472 (20121603)
503021.98 3633275.90 35.59425 (20121603) 503071.98
3633275.90 42.68694 (20092124)
503121.98 3633275.90 42.38258 (20092124) 503171.98
3633275.90 39.82581 (20092124)
503221.98 3633275.90 38.94258 (20102407) 503271.98
3633275.90 51.18256 (20082723)
503321.98 3633275.90 49.60515 (20111701) 503371.98

3633275.90       53.80259  (19081924)
        503421.98   3633275.90       55.93255  (19081924)                503471.98
3633275.90       49.24723  (21020924)
        503621.98   3633275.90       40.76243  (19091221)                503671.98
3633275.90       47.66002  (20050102)
        503721.98   3633275.90       48.30613  (21020203)                503771.98
3633275.90       44.38341  (20032924)
        503821.98   3633275.90       48.91074  (20110207)                503871.98
3633275.90       37.44371  (20110207)
        503921.98   3633275.90       44.33455  (20082519)                503971.98
3633275.90       48.58389  (20022622)
        504021.98   3633275.90       48.87244  (21013120)                504071.98
3633275.90       45.51837  (21011302)
        504121.98   3633275.90       45.50019  (19102905)                504171.98
3633275.90       46.71848  (19121107)
        504221.98   3633275.90       45.08357  (21011620)                504271.98
3633275.90       44.80917  (20052501)
        504321.98   3633275.90       41.81778  (20042404)                504371.98
3633275.90       44.26567  (21120723)
        504421.98   3633275.90       42.61611  (20101423)                504471.98
3633275.90       40.86531  (21022020)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                   INCLUDING SOURCE(S):     L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633275.90 38.56960 (21011520)
504821.98 3633275.90 35.98813 (19121906) 504871.98
3633275.90 35.82170 (19122301)
504921.98 3633275.90 35.02399 (20122923) 504971.98
3633275.90 32.32622 (19081501)
505021.98 3633275.90 33.64114 (21022502) 505071.98
3633275.90 33.10715 (21022502)
505121.98 3633275.90 30.84387 (19120104) 505171.98
3633275.90 31.93236 (20021702)
505221.98 3633275.90 31.10858 (20020804) 502221.98
3633325.90 7.40108 (19010119)
502271.98 3633325.90 7.43550 (19010119) 502321.98
3633325.90 7.34868 (19010119)
502371.98 3633325.90 7.13297 (19010119) 502421.98
3633325.90 6.79257 (19010119)
502471.98 3633325.90 6.33625 (19010119) 502521.98
3633325.90 6.19762 (21030103)
502571.98 3633325.90 8.29012 (21030103) 502621.98
3633325.90 10.72311 (21030103)
502671.98 3633325.90 13.33052 (21030103) 502721.98
3633325.90 15.83967 (21030103)
502771.98 3633325.90 24.72419 (21030103) 502821.98
3633325.90 32.29211 (21030103)
502871.98 3633325.90 21.32657 (20121603) 502921.98
3633325.90 25.61225 (20121603)
502971.98 3633325.90 32.44935 (20121603) 503021.98
3633325.90 38.36595 (20121603)
503071.98 3633325.90 29.85151 (20121603) 503121.98
3633325.90 23.42260 (21063005)
503171.98 3633325.90 23.42278 (21063005) 503221.98
3633325.90 35.57430 (20102407)
503271.98 3633325.90 52.60700 (20082723) 503321.98
3633325.90 54.19527 (20111701)
503371.98 3633325.90 49.74314 (19081924) 503421.98
3633325.90 49.32119 (21110603)
503471.98 3633325.90 47.00744 (21020924) 503621.98
3633325.90 39.66222 (19091221)
503671.98 3633325.90 49.72336 (20050102) 503721.98
3633325.90 51.45537 (21020203)
503771.98 3633325.90 46.61313 (20032924) 503821.98
3633325.90 51.36583 (20110207)
503871.98 3633325.90 37.96326 (20110207) 503921.98
3633325.90 47.24143 (20082519)
503971.98 3633325.90 51.03060 (20022622) 504021.98
3633325.90 50.92429 (21013120)
504071.98 3633325.90 44.33325 (21011302) 504121.98
3633325.90 48.46770 (21022205)
504171.98 3633325.90 50.62927 (20022403) 504221.98
3633325.90 49.27813 (21011620)
504271.98 3633325.90 47.59894 (21013021) 504321.98

3633325.90       45.55454  (20042404)
        504371.98   3633325.90       43.62009  (21120723)                504421.98
3633325.90       43.55659  (20112022)
        504471.98   3633325.90       44.13265  (21011323)                504521.98
3633325.90       42.29411  (21010102)
        504571.98   3633325.90       42.73524  (20011902)                504621.98
3633325.90       41.62099  (19022705)
        504671.98   3633325.90       41.25709  (21021820)                504721.98
3633325.90       40.53553  (21011520)
        504771.98   3633325.90       38.43401  (19121906)                504821.98
3633325.90       37.42073  (19122301)
        504871.98   3633325.90       36.92250  (20122923)                504921.98
3633325.90       33.73808  (19081501)
        504971.98   3633325.90       35.21464  (21022502)                505021.98
3633325.90       34.72218  (21022502)
        505071.98   3633325.90       32.33004  (20100521)                505121.98
3633325.90       33.75845  (20021702)
        505171.98   3633325.90       32.88171  (20020804)                505221.98
3633325.90       31.09389  (20011323)
        502221.98   3633375.90        8.45352  (21111004)                502271.98
3633375.90        7.82727  (19010119)
        502321.98   3633375.90        7.89948  (19010119)                502371.98
3633375.90        7.83751  (19010119)
        502421.98   3633375.90        7.63524  (19010119)                502471.98
3633375.90        7.29100  (19010119)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633375.90 6.66068 (21030103)
502621.98 3633375.90 8.96415 (21030103) 502671.98
3633375.90 11.63979 (21030103)
502721.98 3633375.90 14.48527 (21030103) 502771.98
3633375.90 17.17473 (21030103)
502821.98 3633375.90 19.29461 (21030103) 502871.98
3633375.90 20.42973 (21030103)
502921.98 3633375.90 24.01463 (20121603) 502971.98
3633375.90 28.28766 (20121603)
503021.98 3633375.90 30.50950 (20121603) 503071.98
3633375.90 29.92726 (20121603)
503121.98 3633375.90 26.47401 (20121603) 503171.98
3633375.90 25.11388 (21063005)
503221.98 3633375.90 29.20347 (21063005) 503271.98
3633375.90 39.79491 (20102407)
503321.98 3633375.90 52.51240 (20082723) 503371.98
3633375.90 56.97488 (20111701)
503421.98 3633375.90 47.17602 (21110603) 503471.98
3633375.90 52.81674 (21020924)
503621.98 3633375.90 41.68459 (19091221) 503671.98
3633375.90 51.89350 (20050102)
503721.98 3633375.90 53.98885 (21020203) 503771.98
3633375.90 48.76165 (20032924)
503821.98 3633375.90 53.16460 (20110207) 503871.98
3633375.90 39.80545 (20080919)
503921.98 3633375.90 49.15035 (20082519) 503971.98
3633375.90 52.84944 (20022622)
504021.98 3633375.90 51.93781 (21013120) 504071.98
3633375.90 47.56555 (19102905)
504121.98 3633375.90 50.65920 (21022205) 504171.98
3633375.90 52.25608 (20022403)
504221.98 3633375.90 50.16509 (21011620) 504271.98
3633375.90 47.78423 (21013021)
504321.98 3633375.90 48.23386 (21120723) 504371.98
3633375.90 45.88742 (20101423)
504421.98 3633375.90 45.38613 (21022020) 504471.98
3633375.90 45.44527 (21011323)
504521.98 3633375.90 44.98750 (21010102) 504571.98
3633375.90 42.65425 (21022803)
504621.98 3633375.90 43.70165 (21021820) 504671.98
3633375.90 41.75161 (21011520)
504721.98 3633375.90 40.68096 (19121906) 504771.98
3633375.90 40.12954 (21010522)
504821.98 3633375.90 39.01792 (20122923) 504871.98
3633375.90 35.51855 (19081501)
504921.98 3633375.90 36.77001 (21022502) 504971.98
3633375.90 36.20565 (21022502)
505021.98 3633375.90 34.06058 (21010602) 505071.98
3633375.90 35.52744 (20021702)
505121.98 3633375.90 34.70517 (20020804) 505171.98

3633375.90       32.77814  (20011323)
        505221.98   3633375.90       32.79931  (21012402)                502221.98
3633425.90        9.79004  (21111004)
        502271.98   3633425.90        9.25951  (21111004)                502321.98
3633425.90        8.57317  (21111004)
        502371.98   3633425.90        8.38298  (19010119)                502421.98
3633425.90        8.36444  (19010119)
        502471.98   3633425.90        8.19644  (19010119)                502521.98
3633425.90        7.84984  (19010119)
        502571.98   3633425.90        7.35155  (19010119)                502621.98
3633425.90        7.17608  (21030103)
        502671.98   3633425.90        9.72201  (21030103)                502721.98
3633425.90       12.67610  (21030103)
        502771.98   3633425.90       15.79151  (21030103)                502821.98
3633425.90       18.67677  (21030103)
        502871.98   3633425.90       20.84078  (21030103)                502921.98
3633425.90       21.80471  (21030103)
        502971.98   3633425.90       27.01393  (20121603)                503021.98
3633425.90       31.12310  (20121603)
        503071.98   3633425.90       32.56217  (20121603)                503121.98
3633425.90       30.71622  (20121603)
        503171.98   3633425.90       26.27099  (21063005)                503221.98
3633425.90       26.40928  (21063005)
        503271.98   3633425.90       34.43751  (20102407)                503321.98
3633425.90       55.14307  (20082723)
        503371.98   3633425.90       64.85322  (20111701)                503421.98
3633425.90       48.36379  (21110603)
        503471.98   3633425.90       55.59254  (21020924)                503621.98
3633425.90       51.17485  (19101521)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)

| Y-COORD (M) | | CONC | (YYMMDDHH) | | |
|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 54.17878 | (20050102) | 503721.98 | 3633425.90 | 56.35064 | (21020203) |
| 503771.98 | 3633425.90 | 50.72534 | (20032924) | 503821.98 | 3633425.90 | 55.39593 | (20110207) |
| 503871.98 | 3633425.90 | 45.28102 | (20081802) | 503921.98 | 3633425.90 | 51.65672 | (19032124) |
| 503971.98 | 3633425.90 | 54.22550 | (20022622) | 504021.98 | 3633425.90 | 54.44818 | (21011302) |
| 504071.98 | 3633425.90 | 52.02038 | (19102905) | 504121.98 | 3633425.90 | 53.10257 | (19121107) |
| 504171.98 | 3633425.90 | 52.52361 | (21011620) | 504221.98 | 3633425.90 | 51.82603 | (21013021) |
| 504271.98 | 3633425.90 | 49.28176 | (20042404) | 504321.98 | 3633425.90 | 48.10754 | (21120723) |
| 504371.98 | 3633425.90 | 47.04943 | (20112022) | 504421.98 | 3633425.90 | 48.77819 | (21011323) |
| 504471.98 | 3633425.90 | 47.97201 | (21010102) | 504521.98 | 3633425.90 | 46.38387 | (20011902) |
| 504571.98 | 3633425.90 | 46.10349 | (19022705) | 504621.98 | 3633425.90 | 44.48155 | (20121007) |
| 504671.98 | 3633425.90 | 43.43723 | (21011520) | 504721.98 | 3633425.90 | 42.43826 | (21010522) |
| 504771.98 | 3633425.90 | 40.80196 | (20122923) | 504821.98 | 3633425.90 | 37.97905 | (19081501) |
| 504871.98 | 3633425.90 | 38.63908 | (21022502) | 504921.98 | 3633425.90 | 37.99122 | (21022502) |
| 504971.98 | 3633425.90 | 35.76087 | (21010602) | 505021.98 | 3633425.90 | 37.47883 | (20021702) |
| 505071.98 | 3633425.90 | 36.53086 | (20020804) | 505121.98 | 3633425.90 | 34.40630 | (20011323) |
| 505171.98 | 3633425.90 | 34.34116 | (21012402) | 505221.98 | 3633425.90 | 32.53809 | (20121620) |
| 502221.98 | 3633475.90 | 10.94938 | (21111004) | 502271.98 | 3633475.90 | 10.64648 | (21111004) |
| 502321.98 | 3633475.90 | 10.14929 | (21111004) | 502371.98 | 3633475.90 | 9.46911 | (21111004) |
| 502421.98 | 3633475.90 | 8.92697 | (19010119) | 502471.98 | 3633475.90 | 8.96859 | (19010119) |
| 502521.98 | 3633475.90 | 8.80798 | (19010119) | 502571.98 | 3633475.90 | 8.46704 | (19010119) |
| 502621.98 | 3633475.90 | 7.94961 | (19010119) | 502671.98 | 3633475.90 | 7.75321 | (21030103) |
| 504771.98 | 3633475.90 | 39.99258 | (20122923) | 504821.98 | 3633475.90 | 40.64968 | (21022502) |
| 504871.98 | 3633475.90 | 39.92615 | (21022502) | 504921.98 | 3633475.90 | 37.24492 | (20100521) |
| 504971.98 | 3633475.90 | 39.04624 | (20021702) | 505021.98 | | | |

3633475.90       38.15528  (20020804)
        505071.98   3633475.90       36.30131  (21012402)                505121.98
3633475.90       35.62310  (21012402)
        505171.98   3633475.90       34.75884  (20022406)                505221.98
3633475.90       33.65340  (20022406)
        502221.98   3633525.90       11.80427  (21111004)                502271.98
3633525.90       11.80157  (21111004)
        502321.98   3633525.90       11.58069  (21111004)                502371.98
3633525.90       11.14652  (21111004)
        502421.98   3633525.90       10.48804  (21111004)                502471.98
3633525.90        9.62246  (21111004)
        502521.98   3633525.90        9.60519  (19010119)                502571.98
3633525.90        9.46876  (19010119)
        502621.98   3633525.90        9.14716  (19010119)                502671.98
3633525.90        8.61393  (19010119)
        504771.98   3633525.90       43.09034  (21022502)                504821.98
3633525.90       42.35322  (21022502)
        504871.98   3633525.90       39.55436  (20100521)                504921.98
3633525.90       40.84183  (20021702)
        504971.98   3633525.90       39.03508  (20020804)                505021.98
3633525.90       38.43482  (21012402)
        505071.98   3633525.90       37.14070  (20121620)                505121.98
3633525.90       37.35308  (20022406)
        505171.98   3633525.90       34.92959  (19010903)                505221.98
3633525.90       33.74045  (21121121)
        502221.98   3633575.90       12.24041  (21111004)                502271.98
3633575.90       12.56086  (21111004)
        502321.98   3633575.90       12.68999  (21111004)                502371.98
3633575.90       12.59758  (21111004)
        502421.98   3633575.90       12.23570  (21111004)                502471.98
3633575.90       11.60144  (21111004)
        502521.98   3633575.90       10.71749  (21111004)                502571.98
3633575.90       10.29101  (19010119)


                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 10.22489 | (19010119) | 502671.98 | 3633575.90 | 9.91652 | (19010119) |
| 504771.98 | 3633575.90 | 44.99600 | (21022502) | 504821.98 | 3633575.90 | 42.42470 | (20021702) |
| 504871.98 | 3633575.90 | 42.99927 | (20021702) | 504921.98 | 3633575.90 | 40.81129 | (21010922) |
| 504971.98 | 3633575.90 | 40.60234 | (21012402) | 505021.98 | 3633575.90 | 38.76421 | (20121620) |
| 505071.98 | 3633575.90 | 38.88902 | (20022406) | 505121.98 | 3633575.90 | 36.72369 | (19010903) |
| 505171.98 | 3633575.90 | 35.68741 | (21121121) | 505221.98 | 3633575.90 | 34.71402 | (21120121) |
| 502221.98 | 3633625.90 | 12.14100 | (21111004) | 502271.98 | 3633625.90 | 12.80150 | (21111004) |
| 502321.98 | 3633625.90 | 13.32885 | (21111004) | 502371.98 | 3633625.90 | 13.63420 | (21111004) |
| 502421.98 | 3633625.90 | 13.68147 | (21111004) | 502471.98 | 3633625.90 | 13.40957 | (21111004) |
| 502521.98 | 3633625.90 | 12.85539 | (21111004) | 502571.98 | 3633625.90 | 11.98713 | (21111004) |
| 502621.98 | 3633625.90 | 11.08709 | (19010119) | 502671.98 | 3633625.90 | 11.07956 | (19010119) |
| 504771.98 | 3633625.90 | 45.97540 | (20021702) | 504821.98 | 3633625.90 | 45.58703 | (20020804) |
| 504871.98 | 3633625.90 | 43.56445 | (21010922) | 504921.98 | 3633625.90 | 43.01461 | (21012402) |
| 504971.98 | 3633625.90 | 41.14789 | (20111118) | 505021.98 | 3633625.90 | 39.89846 | (20111118) |
| 505071.98 | 3633625.90 | 38.01859 | (21121121) | 505121.98 | 3633625.90 | 37.47191 | (21120121) |
| 505171.98 | 3633625.90 | 35.86274 | (21021801) | 505221.98 | 3633625.90 | 34.37552 | (21011022) |
| 502221.98 | 3633675.90 | 11.50898 | (21111004) | 502271.98 | 3633675.90 | 12.46209 | (21111004) |
| 502321.98 | 3633675.90 | 13.35437 | (21111004) | 502371.98 | 3633675.90 | 14.07211 | (21111004) |
| 502421.98 | 3633675.90 | 14.59309 | (21111004) | 502471.98 | 3633675.90 | 14.81280 | (21111004) |
| 502521.98 | 3633675.90 | 14.71247 | (21111004) | 502571.98 | 3633675.90 | 14.24671 | (21111004) |
| 502621.98 | 3633675.90 | 13.41670 | (21111004) | 502671.98 | 3633675.90 | 12.24748 | (21111004) |
| 504771.98 | 3633675.90 | 49.09914 | (20020804) | 504821.98 | | | |

3633675.90       46.27935  (21010922)
        504871.98   3633675.90       45.24829  (20081803)                504921.98
3633675.90       45.77877  (20111118)
        504971.98   3633675.90       43.04736  (20111118)                505021.98
3633675.90       42.91991  (21011418)
        505071.98   3633675.90       39.63933  (21120121)                505121.98
3633675.90       38.26908  (21021801)
        505171.98   3633675.90       37.15809  (21011022)                505221.98
3633675.90       35.62470  (20021024)
        502221.98   3633725.90       10.39010  (21111004)                502271.98
3633725.90       11.55589  (21111004)
        502321.98   3633725.90       12.74666  (21111004)                502371.98
3633725.90       13.84874  (21111004)
        502421.98   3633725.90       14.81022  (21111004)                502471.98
3633725.90       15.55463  (21111004)
        502521.98   3633725.90       16.00970  (21111004)                502571.98
3633725.90       16.10518  (21111004)
        502621.98   3633725.90       15.78984  (21111004)                502671.98
3633725.90       15.03549  (21111004)
        504771.98   3633725.90       53.42791  (20081803)                504821.98
3633725.90       49.15149  (20111118)
        504871.98   3633725.90       50.54133  (20111118)                504921.98
3633725.90       47.37590  (20082222)
        504971.98   3633725.90       48.19809  (21011418)                505021.98
3633725.90       44.53357  (21011418)
        505071.98   3633725.90       40.01691  (21011022)                505121.98
3633725.90       38.85530  (20021024)
        505171.98   3633725.90       38.90328  (21122302)                505221.98
3633725.90       37.37412  (21122302)
        502221.98   3633775.90        8.92259  (21111004)                502271.98
3633775.90       10.18167  (21111004)
        502321.98   3633775.90       11.56225  (21111004)                502371.98
3633775.90       12.92717  (21111004)
        502421.98   3633775.90       14.26568  (21111004)                502471.98
3633775.90       15.47076  (21111004)
        502521.98   3633775.90       16.50086  (21111004)                502571.98
3633775.90       17.24052  (21111004)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 17.59038 | (21111004) | 502671.98 | 3633775.90 | 17.48199 | (21111004) |
| 504771.98 | 3633775.90 | 59.16110 | (20111118) | 504821.98 | 3633775.90 | 56.74543 | (20111118) |
| 504871.98 | 3633775.90 | 53.68646 | (21011418) | 504921.98 | 3633775.90 | 51.80626 | (21011418) |
| 504971.98 | 3633775.90 | 46.40127 | (21011418) | 505021.98 | 3633775.90 | 42.35384 | (21011022) |
| 505071.98 | 3633775.90 | 41.29352 | (21122302) | 505121.98 | 3633775.90 | 41.70125 | (21122302) |
| 505171.98 | 3633775.90 | 39.19028 | (21011724) | 505221.98 | 3633775.90 | 38.90518 | (21010408) |
| 502221.98 | 3633825.90 | 12.08432 | (21012320) | 502271.98 | 3633825.90 | 11.03951 | (21012320) |
| 502321.98 | 3633825.90 | 9.97021 | (21012320) | 502371.98 | 3633825.90 | 11.40131 | (21111004) |
| 502421.98 | 3633825.90 | 12.95922 | (21111004) | 502471.98 | 3633825.90 | 14.52451 | (21111004) |
| 502521.98 | 3633825.90 | 16.03645 | (21111004) | 502571.98 | 3633825.90 | 17.39412 | (21111004) |
| 502621.98 | 3633825.90 | 18.47980 | (21111004) | 502671.98 | 3633825.90 | 19.16335 | (21111004) |
| 504771.98 | 3633825.90 | 62.63995 | (20082222) | 504821.98 | 3633825.90 | 62.30111 | (21011418) |
| 504871.98 | 3633825.90 | 54.08802 | (21011418) | 504921.98 | 3633825.90 | 46.98066 | (21011022) |
| 504971.98 | 3633825.90 | 45.22370 | (20021024) | 505021.98 | 3633825.90 | 45.39813 | (21122302) |
| 505071.98 | 3633825.90 | 42.90630 | (21011724) | 505121.98 | 3633825.90 | 42.96355 | (21010408) |
| 505171.98 | 3633825.90 | 40.14466 | (21011720) | 505221.98 | 3633825.90 | 37.89679 | (21011720) |
| 502221.98 | 3633875.90 | 15.51179 | (21012320) | 502271.98 | 3633875.90 | 14.70918 | (21012320) |
| 502321.98 | 3633875.90 | 13.81565 | (21012320) | 502371.98 | 3633875.90 | 12.68203 | (21012320) |
| 502421.98 | 3633875.90 | 11.43660 | (21012320) | 502471.98 | 3633875.90 | 12.80341 | (21111004) |
| 502521.98 | 3633875.90 | 14.63232 | (21111004) | 502571.98 | | | |

3633875.90       16.46577  (21111004)
        502621.98   3633875.90       18.19215  (21111004)                502671.98
3633875.90       19.67623  (21111004)
        504771.98   3633875.90       69.67217  (21011418)                504821.98
3633875.90       58.87562  (21011418)
        504871.98   3633875.90       49.50973  (20021024)                504921.98
3633875.90       49.97235  (21122302)
        504971.98   3633875.90       47.20614  (21011724)                505021.98
3633875.90       46.93006  (21010408)
        505071.98   3633875.90       43.98736  (21011720)                505121.98
3633875.90       41.87872  (21011720)
        505171.98   3633875.90       40.41072  (20121406)                505221.98
3633875.90       39.92071  (20121406)
        502221.98   3633925.90       18.53244  (21012320)                502271.98
3633925.90       18.22383  (21012320)
        502321.98   3633925.90       17.72496  (21012320)                502371.98
3633925.90       16.91140  (21012320)
        502421.98   3633925.90       15.93371  (21012320)                502471.98
3633925.90       14.66676  (21012320)
        502521.98   3633925.90       13.23009  (21012320)                502571.98
3633925.90       14.54354  (21111004)
        502621.98   3633925.90       16.69168  (21111004)                502671.98
3633925.90       18.81274  (21111004)
        504771.98   3633925.90       60.57029  (21011418)                504821.98
3633925.90       54.49866  (21122302)
        504871.98   3633925.90       52.57910  (21122302)                504921.98
3633925.90       51.42972  (21010408)
        504971.98   3633925.90       49.13854  (21010408)                505021.98
3633925.90       46.34881  (21011720)
        505071.98   3633925.90       45.05345  (20121406)                505121.98
3633925.90       43.97568  (20121406)
        505171.98   3633925.90       40.74529  (20021305)                505221.98
3633925.90       40.13972  (20021723)
        502221.98   3633975.90       20.53228  (21012320)                502271.98
3633975.90       20.79236  (21012320)
        502321.98   3633975.90       20.93390  (21012320)                502371.98
3633975.90       20.82603  (21012320)
        502421.98   3633975.90       20.39701  (21012320)                502471.98
3633975.90       19.62713  (21012320)
        502521.98   3633975.90       18.55012  (21012320)                502571.98
3633975.90       17.14385  (21012320)



                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  FORKN    ***
                                INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633975.90       15.47271  (21012320)               502671.98
3633975.90       16.65149  (21111004)
        504771.98   3633975.90       60.43596  (21122302)               504821.98
3633975.90       56.67275  (21010408)
        504871.98   3633975.90       54.27729  (21010408)               504921.98
3633975.90       51.06141  (21011720)
        504971.98   3633975.90       50.47480  (20121406)               505021.98
3633975.90       48.66108  (20121406)
        505071.98   3633975.90       45.19141  (20021305)               505121.98
3633975.90       44.50934  (20021723)
        505171.98   3633975.90       43.33188  (19011606)               505221.98
3633975.90       40.82560  (19011606)
        502221.98   3634025.90       20.98437  (21012320)               502271.98
3634025.90       21.88513  (21012320)
        502321.98   3634025.90       22.74977  (21012320)               502371.98
3634025.90       23.44518  (21012320)
        502421.98   3634025.90       23.84265  (21012320)               502471.98
3634025.90       23.91598  (21012320)
        502521.98   3634025.90       23.62395  (21012320)               502571.98
3634025.90       22.92664  (21012320)
        502621.98   3634025.90       21.80875  (21012320)               502671.98
3634025.90       20.23748  (21012320)
        504771.98   3634025.90       61.48625  (21010408)               504821.98
3634025.90       57.82644  (21011221)
        504871.98   3634025.90       55.81083  (20121406)               504921.98
3634025.90       52.88660  (20121406)
        504971.98   3634025.90       51.31596  (20021723)               505021.98
3634025.90       49.58473  (19011606)
        505071.98   3634025.90       48.68132  (19011606)               505121.98
3634025.90       44.43145  (20012223)
        505171.98   3634025.90       42.79826  (19121305)               505221.98
3634025.90       41.69095  (19121305)
        502221.98   3634075.90       19.64885  (21012320)               502271.98
3634075.90       21.11664  (21012320)
        502321.98   3634075.90       22.60329  (21012320)               502371.98

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3634075.90       24.00543  (21012320)
        502421.98   3634075.90       25.25348  (21012320)                502471.98
3634075.90       26.33040  (21012320)
        502521.98   3634075.90       27.15447  (21012320)                502571.98
3634075.90       27.64451  (21012320)
        502621.98   3634075.90       27.61447  (21012320)                502671.98
3634075.90       27.08927  (21012320)
        504771.98   3634075.90       63.31848  (20121406)                504821.98
3634075.90       58.61962  (20021305)
        504871.98   3634075.90       57.45217  (20021723)                504921.98
3634075.90       56.23139  (19011606)
        504971.98   3634075.90       53.12186  (19011606)                505021.98
3634075.90       49.53910  (20012223)
        505071.98   3634075.90       47.96310  (21022322)                505121.98
3634075.90       44.56228  (21010422)
        505171.98   3634075.90       42.43675  (19011923)                505221.98
3634075.90       41.75711  (19011923)
        502221.98   3634125.90       16.83037  (21012320)                502271.98
3634125.90       18.63290  (21012320)
        502321.98   3634125.90       20.46056  (21012320)                502371.98
3634125.90       22.41029  (21012320)
        502421.98   3634125.90       24.33915  (21012320)                502471.98
3634125.90       26.24283  (21012320)
        502521.98   3634125.90       28.04502  (21012320)                502571.98
3634125.90       29.67523  (21012320)
        502621.98   3634125.90       31.15899  (21012320)                502671.98
3634125.90       32.18961  (21012320)
        504771.98   3634125.90       65.13362  (20021723)                504821.98
3634125.90       63.04730  (19011606)
        504871.98   3634125.90       58.09335  (20012223)                504921.98
3634125.90       56.36533  (21022322)
        504971.98   3634125.90       52.16345  (21010422)                505021.98
3634125.90       50.02785  (19011923)
        505071.98   3634125.90       48.56093  (19011923)                505121.98
3634125.90       45.31081  (19012803)
        505171.98   3634125.90       43.32901  (19012803)                505221.98
3634125.90       42.08086  (21121821)
        502221.98   3634175.90       13.90560  (19083104)                502271.98
3634175.90       14.83667  (21012320)
        502321.98   3634175.90       16.67286  (21012320)                502371.98
3634175.90       18.95194  (21012320)
        502421.98   3634175.90       21.16275  (21012320)                502471.98
3634175.90       23.51577  (21012320)
        502521.98   3634175.90       25.95449  (21012320)                502571.98
3634175.90       28.48716  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN  ***
INCLUDING SOURCE(S):  L0000910  , L0000911 , L0000912  , L0000913  , L0000914  ,
L0000915  , L0000916  , L0000917  , L0000918  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 31.00979 | (21012320) | 502671.98 | 3634175.90 | 33.49931 | (21012320) |
| 504771.98 | 3634175.90 | 66.92552 | (21022322) | 504821.98 | 3634175.90 | 62.63855 | (21022322) |
| 504871.98 | 3634175.90 | 59.19995 | (19011923) | 504921.98 | 3634175.90 | 57.38503 | (19011923) |
| 504971.98 | 3634175.90 | 53.95707 | (19012803) | 505021.98 | 3634175.90 | 50.55481 | (21121821) |
| 505071.98 | 3634175.90 | 48.85663 | (21121821) | 505121.98 | 3634175.90 | 45.95488 | (20121224) |
| 505171.98 | 3634175.90 | 44.17284 | (20121224) | 505221.98 | 3634175.90 | 42.52003 | (20020703) |
| 502221.98 | 3634225.90 | 16.50477 | (19083104) | 502271.98 | 3634225.90 | 16.80849 | (19083104) |
| 502321.98 | 3634225.90 | 17.14850 | (19083104) | 502371.98 | 3634225.90 | 17.43117 | (19083104) |
| 502421.98 | 3634225.90 | 17.57290 | (19083104) | 502471.98 | 3634225.90 | 18.80155 | (21012320) |
| 502521.98 | 3634225.90 | 21.34146 | (21012320) | 502571.98 | 3634225.90 | 24.19025 | (21012320) |
| 502621.98 | 3634225.90 | 27.26020 | (21012320) | 502671.98 | 3634225.90 | 30.57540 | (21012320) |
| 504771.98 | 3634225.90 | 69.13684 | (19011923) | 504821.98 | 3634225.90 | 64.88762 | (19012803) |
| 504871.98 | 3634225.90 | 61.20846 | (21121821) | 504921.98 | 3634225.90 | 57.23107 | (21121821) |
| 504971.98 | 3634225.90 | 54.59644 | (20121224) | 505021.98 | 3634225.90 | 51.24532 | (20020703) |
| 505071.98 | 3634225.90 | 49.02380 | (20020703) | 505121.98 | 3634225.90 | 45.30996 | (21022324) |
| 505171.98 | 3634225.90 | 43.46271 | (21022324) | 505221.98 | | | |

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3634225.90       40.38937  (20122520)
        502221.98   3634275.90       17.98858  (19083104)                502271.98
3634275.90       18.66078  (19083104)
        502321.98   3634275.90       19.38599  (19083104)                502371.98
3634275.90       20.15689  (19083104)
        502421.98   3634275.90       20.80021  (19083104)                502471.98
3634275.90       21.38824  (19083104)
        502521.98   3634275.90       21.91989  (19083104)                502571.98
3634275.90       22.36343  (19083104)
        502621.98   3634275.90       22.72106  (19083104)                502671.98
3634275.90       24.26870  (21012320)
        504771.98   3634275.90       70.15349  (20121224)                504821.98
3634275.90       65.21251  (20020703)
        504871.98   3634275.90       61.83899  (20020703)                504921.98
3634275.90       57.12768  (21022324)
        504971.98   3634275.90       52.98761  (21022324)                505021.98
3634275.90       51.49616  (20122520)
        505071.98   3634275.90       48.77999  (21122121)                505121.98
3634275.90       47.52074  (21122121)
        505171.98   3634275.90       45.64191  (21122121)                505221.98
3634275.90       43.85076  (20121803)
        502221.98   3634325.90       17.96850  (19083104)                502271.98
3634325.90       18.93851  (19083104)
        502321.98   3634325.90       19.93989  (19083104)                502371.98
3634325.90       20.98549  (19083104)
        502421.98   3634325.90       22.06229  (19083104)                502471.98
3634325.90       23.15623  (19083104)
        502521.98   3634325.90       24.28382  (19083104)                502571.98
3634325.90       25.41690  (19083104)
        502621.98   3634325.90       26.54166  (19083104)                502671.98
3634325.90       27.66331  (19083104)
        504771.98   3634325.90       67.92378  (20122520)                504821.98
3634325.90       65.07832  (21122121)
        504871.98   3634325.90       63.05739  (21122121)                504921.98
3634325.90       59.08585  (21122121)
        504971.98   3634325.90       56.65636  (20121803)                505021.98
3634325.90       54.67665  (20121803)
        505071.98   3634325.90       51.22984  (20121803)                505121.98
3634325.90       47.74622  (21122201)
        505171.98   3634325.90       45.64370  (21122201)                505221.98
3634325.90       43.22031  (21122201)
        502221.98   3634375.90       16.42727  (19083104)                502271.98
3634375.90       17.49561  (19083104)
        502321.98   3634375.90       18.59396  (19083104)                502371.98
3634375.90       19.78134  (19083104)
        502421.98   3634375.90       21.14829  (19083104)                502471.98
3634375.90       22.61484  (19083104)
        502521.98   3634375.90       24.20759  (19083104)                502571.98
3634375.90       25.84603  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634375.90       27.50889  (19083104)               502671.98
3634375.90       29.19175  (19083104)
        504771.98   3634375.90       73.81785  (20121803)               504821.98
3634375.90       66.98237  (21122201)
        504871.98   3634375.90       62.49204  (21122201)               504921.98
3634375.90       57.72749  (19021906)
        504971.98   3634375.90       55.05367  (19021906)               505021.98
3634375.90       52.10852  (19021906)
        505071.98   3634375.90       48.83123  (20022423)               505121.98
3634375.90       45.75792  (20031603)
        505171.98   3634375.90       44.04815  (20013123)               505221.98
3634375.90       43.08722  (20013123)
        502221.98   3634425.90       13.73322  (19083104)               502271.98
3634425.90       14.72200  (19083104)
        502321.98   3634425.90       15.79094  (19083104)               502371.98
3634425.90       16.96298  (19083104)
        502421.98   3634425.90       18.25714  (19083104)               502471.98
3634425.90       19.66474  (19083104)
        502521.98   3634425.90       21.23532  (19083104)               502571.98
3634425.90       22.95783  (19083104)
        502621.98   3634425.90       24.86568  (19083104)               502671.98
3634425.90       26.96783  (19083104)
        504771.98   3634425.90       70.84092  (20013123)               504821.98
3634425.90       67.02933  (20013123)
        504871.98   3634425.90       62.95443  (20013123)               504921.98
3634425.90       60.52383  (20013123)
        504971.98   3634425.90       56.01558  (20013123)               505021.98

3634425.90 52.35664 (20013123)
505071.98 3634425.90 49.38506 (20013123) 505121.98
3634425.90 46.60345 (20013123)
505171.98 3634425.90 43.21901 (21121920) 505221.98
3634425.90 41.73530 (21013019)
502221.98 3634475.90 14.24182 (20022619) 502271.98
3634475.90 14.90523 (20022619)
502321.98 3634475.90 15.61178 (20022619) 502371.98
3634475.90 16.37351 (20022619)
502421.98 3634475.90 17.19492 (20022619) 502471.98
3634475.90 18.07422 (20022619)
502521.98 3634475.90 19.05739 (20022619) 502571.98
3634475.90 20.11200 (20022619)
502621.98 3634475.90 21.26056 (20022619) 502671.98
3634475.90 22.52159 (20022619)
504771.98 3634475.90 72.18335 (21013019) 504821.98
3634475.90 66.91128 (21013019)
504871.98 3634475.90 60.65825 (21013019) 504921.98
3634475.90 62.19439 (20092120)
504971.98 3634475.90 57.71674 (20092120) 505021.98
3634475.90 54.89330 (20092120)
505071.98 3634475.90 53.51115 (20092120) 505121.98
3634475.90 50.40771 (20092120)
505171.98 3634475.90 46.81138 (19122101) 505221.98
3634475.90 44.41206 (19122101)
502221.98 3634525.90 18.85001 (21021102) 502271.98
3634525.90 19.76686 (21021102)
502321.98 3634525.90 20.76220 (21021102) 502371.98
3634525.90 21.84552 (21021102)
502421.98 3634525.90 23.01625 (21021102) 502471.98
3634525.90 24.29719 (21021102)
502521.98 3634525.90 25.69422 (21021102) 502571.98
3634525.90 27.23966 (21021102)
502621.98 3634525.90 28.93892 (21021102) 502671.98
3634525.90 30.84904 (21021102)
504771.98 3634525.90 73.17260 (21021007) 504821.98
3634525.90 68.79556 (21021007)
504871.98 3634525.90 64.43975 (21021007) 504921.98
3634525.90 70.03891 (20082306)
504971.98 3634525.90 70.15842 (21021007) 505021.98
3634525.90 65.24037 (21021007)
505071.98 3634525.90 60.92597 (21021007) 505121.98
3634525.90 55.23227 (21021007)
505171.98 3634525.90 50.18112 (21021007) 505221.98
3634525.90 46.36146 (21021007)
502221.98 3634575.90 22.40379 (21021102) 502271.98
3634575.90 23.49683 (21021102)
502321.98 3634575.90 24.70922 (21021102) 502371.98
3634575.90 26.03647 (21021102)
502421.98 3634575.90 27.48475 (21021102) 502471.98

 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

                          *** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN  ***
                          INCLUDING SOURCE(S):  L0000910  , L0000911
, L0000912  , L0000913  , L0000914  ,
            L0000915  , L0000916  , L0000917  , L0000918  ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10  IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)  CONC  (YYMMDDHH)  X-COORD (M)
Y-COORD (M)  CONC  (YYMMDDHH)
 - - -

3634625.90 84.63202 (21013119)
504871.98 3634625.90 80.54427 (21013119) 504921.98
3634625.90 76.74077 (21013119)
504971.98 3634625.90 71.80916 (21013119) 505021.98
3634625.90 64.61445 (21013119)
505071.98 3634625.90 57.18997 (21013119) 505121.98
3634625.90 52.24747 (21013119)
505171.98 3634625.90 44.93742 (21013119) 505221.98
3634625.90 42.75825 (20011720)
502221.98 3634675.90 22.13194 (21021102) 502271.98
3634675.90 22.95867 (21021102)
502321.98 3634675.90 23.80332 (21021102) 502371.98
3634675.90 24.66942 (21021102)
502421.98 3634675.90 25.58176 (21021102) 502471.98
3634675.90 26.52646 (21021102)
502521.98 3634675.90 27.50075 (21021102) 502571.98
3634675.90 28.51117 (21021102)
502621.98 3634675.90 29.54167 (21021102) 502671.98
3634675.90 30.57182 (21021102)
504771.98 3634675.90 64.05637 (21090306) 504821.98
3634675.90 60.76392 (21090306)
504871.98 3634675.90 77.50587 (20041201) 504921.98
3634675.90 75.07126 (20041201)
504971.98 3634675.90 73.66355 (20041201) 505021.98
3634675.90 71.13338 (20041201)
505071.98 3634675.90 64.40277 (20041201) 505121.98
3634675.90 60.03754 (20041201)
505171.98 3634675.90 52.29631 (20041201) 505221.98
3634675.90 46.62169 (20041201)
502221.98 3634725.90 18.46247 (21021102) 502271.98
3634725.90 18.86716 (21021102)
502321.98 3634725.90 19.23011 (21021102) 502371.98
3634725.90 19.59655 (21021102)
502421.98 3634725.90 19.96431 (21021102) 502471.98
3634725.90 20.46782 (19101801)
502521.98 3634725.90 21.57043 (19101801) 502571.98
3634725.90 23.11839 (19050903)
502621.98 3634725.90 25.62163 (19050903) 502671.98
3634725.90 28.40600 (19050903)
504771.98 3634725.90 73.23707 (21012820) 504821.98
3634725.90 70.11982 (21012820)
504871.98 3634725.90 60.07264 (21032601) 504921.98
3634725.90 63.40947 (20081806)
504971.98 3634725.90 59.20956 (20081806) 505021.98
3634725.90 54.61376 (20041201)
505071.98 3634725.90 52.07213 (20041201) 505121.98
3634725.90 50.25946 (20041201)
505171.98 3634725.90 44.99330 (20041201) 505221.98
3634725.90 43.38775 (20041201)
502221.98 3634775.90 15.91611 (19101801) 502271.98

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN  ***
INCLUDING SOURCE(S):  L0000910  , L0000911 , L0000912  , L0000913  , L0000914  ,
  L0000915  , L0000916  , L0000917  , L0000918  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 30.10630 | (19050903) | 502671.98 | 3634775.90 | 32.51747 | (19050903) |
| 504771.98 | 3634775.90 | 79.76045 | (21012820) | 504821.98 | 3634775.90 | 90.26181 | (21012820) |
| 504871.98 | 3634775.90 | 83.45862 | (21012820) | 504921.98 | 3634775.90 | 70.67544 | (20081806) |
| 504971.98 | 3634775.90 | 68.33455 | (20081806) | 505021.98 | 3634775.90 | 60.89220 | (20081806) |
| 505071.98 | 3634775.90 | 56.35863 | (20081806) | 505121.98 | 3634775.90 | 51.39538 | (20081806) |
| 505171.98 | 3634775.90 | 42.65082 | (20081806) | 505221.98 | 3634775.90 | 37.33011 | (20081806) |
| 502221.98 | 3634825.90 | 18.50585 | (19050903) | 502271.98 | 3634825.90 | 19.88402 | (19050903) |
| 502321.98 | 3634825.90 | 21.32044 | (19050903) | 502371.98 | 3634825.90 | 22.82004 | (19050903) |
| 502421.98 | 3634825.90 | 24.34866 | (19050903) | 502471.98 | 3634825.90 | 25.88997 | (19050903) |
| 502521.98 | 3634825.90 | 27.52215 | (19050903) | 502571.98 | | | |

3634825.90 29.06896 (19050903)
502621.98 3634825.90 30.52949 (19050903) 502671.98
3634825.90 31.85179 (19050903)
504771.98 3634825.90 82.73698 (20082303) 504821.98
3634825.90 91.62340 (20081401)
504871.98 3634825.90 68.90080 (20081401) 504921.98
3634825.90 60.83838 (19022319)
504971.98 3634825.90 51.44747 (20081806) 505021.98
3634825.90 47.46835 (21020220)
505071.98 3634825.90 48.10538 (20081806) 505121.98
3634825.90 48.21461 (20081806)
505171.98 3634825.90 43.60192 (20081806) 505221.98
3634825.90 40.81125 (20081806)
502221.98 3634875.90 20.25160 (19050903) 502271.98
3634875.90 21.34433 (19050903)
502321.98 3634875.90 22.41320 (19050903) 502371.98
3634875.90 23.44765 (19050903)
502421.98 3634875.90 24.41195 (19050903) 502471.98
3634875.90 25.27544 (19050903)
502521.98 3634875.90 26.00031 (19050903) 502571.98
3634875.90 26.54244 (19050903)
502621.98 3634875.90 26.85115 (19050903) 502671.98
3634875.90 26.87414 (19050903)
504771.98 3634875.90 65.60167 (20082303) 504821.98
3634875.90 79.85098 (20082303)
504871.98 3634875.90 73.49978 (20081401) 504921.98
3634875.90 58.52749 (19022319)
504971.98 3634875.90 49.33457 (19022319) 505021.98
3634875.90 41.86129 (19022319)
505071.98 3634875.90 39.29661 (21020220) 505121.98
3634875.90 40.96146 (21020220)
505171.98 3634875.90 41.69122 (21020220) 505221.98
3634875.90 40.69259 (21020220)
502221.98 3634925.90 20.11640 (19050903) 502271.98
3634925.90 20.71865 (19050903)
502321.98 3634925.90 21.21739 (19050903) 502371.98
3634925.90 21.59329 (19050903)
502421.98 3634925.90 21.81848 (19050903) 502471.98
3634925.90 21.86251 (19050903)
502521.98 3634925.90 21.70169 (19050903) 502571.98
3634925.90 21.30323 (19050903)
502621.98 3634925.90 20.64614 (19050903) 502671.98
3634925.90 19.96932 (19120120)
504771.98 3634925.90 26.21396 (20082303) 504821.98
3634925.90 55.19593 (20082303)
504871.98 3634925.90 65.71354 (19042006) 504921.98
3634925.90 56.46822 (19030607)
504971.98 3634925.90 47.50492 (19030607) 505021.98
3634925.90 40.12242 (20082303)
505071.98 3634925.90 35.00384 (20082303) 505121.98

3634925.90       35.15859  (19022319)
        505171.98   3634925.90       34.56027  (19022319)                505221.98
3634925.90       33.75987  (19022319)
        502221.98   3634975.90       18.19018  (19050903)                502271.98
3634975.90       18.24348  (19050903)
        502321.98   3634975.90       18.15320  (19050903)                502371.98
3634975.90       17.90777  (19050903)
        502421.98   3634975.90       17.49396  (19050903)                502471.98
3634975.90       16.90099  (19050903)
        502521.98   3634975.90       16.48328  (19022707)                502571.98
3634975.90       18.22370  (19120120)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                  INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635025.90 15.28086 (19120120)
502471.98 3635025.90 16.54023 (19120120) 502521.98
3635025.90 18.98616 (20021724)
502571.98 3635025.90 21.96494 (20021724) 502621.98
3635025.90 25.08748 (20021724)
502671.98 3635025.90 28.22091 (20021724) 504871.98
3635025.90 57.99031 (20010802)
504921.98 3635025.90 45.73108 (20041904) 504971.98
3635025.90 49.26571 (20121617)
505021.98 3635025.90 42.27884 (20082024) 505071.98
3635025.90 39.06581 (20082024)
505121.98 3635025.90 39.74695 (19030607) 505171.98
3635025.90 39.39646 (19030607)
505221.98 3635025.90 36.46609 (19030607) 502221.98
3635075.90 12.04159 (19022707)
502271.98 3635075.90 13.03373 (19120120) 502321.98
3635075.90 14.08148 (19120120)
502371.98 3635075.90 15.34174 (20021724) 502421.98
3635075.90 17.67809 (20021724)
502471.98 3635075.90 20.16342 (20021724) 502521.98
3635075.90 22.72382 (20021724)
502571.98 3635075.90 25.24987 (20021724) 502621.98
3635075.90 29.87454 (21011719)
502671.98 3635075.90 36.97891 (21011719) 504921.98
3635075.90 56.59847 (20010802)
504971.98 3635075.90 50.07864 (20082106) 505021.98
3635075.90 44.75379 (20041202)
505071.98 3635075.90 42.59261 (20121617) 505121.98
3635075.90 42.34593 (20121617)
505171.98 3635075.90 40.39019 (20121617) 505221.98
3635075.90 39.03121 (19030607)
502221.98 3635125.90 12.92910 (19120120) 502271.98
3635125.90 14.48758 (20021724)
502321.98 3635125.90 16.48484 (20021724) 502371.98
3635125.90 18.58015 (20021724)
502421.98 3635125.90 20.70026 (20021724) 502471.98
3635125.90 22.75461 (20021724)
502521.98 3635125.90 26.87049 (21011719) 502571.98
3635125.90 32.77382 (21011719)
502621.98 3635125.90 38.12928 (21011719) 502671.98
3635125.90 41.96428 (21011719)
505021.98 3635125.90 50.59768 (20082106) 505071.98
3635125.90 47.06415 (20041904)
505121.98 3635125.90 40.28205 (20041904) 505171.98
3635125.90 35.80792 (19022007)
505221.98 3635125.90 39.00753 (20121617) 502221.98
3635175.90 15.38888 (20021724)
502271.98 3635175.90 17.18538 (20021724) 502321.98
3635175.90 18.95486 (20021724)
502371.98 3635175.90 20.65447 (20021724) 502421.98

3635175.90       24.33159  (21011719)
        502471.98   3635175.90       29.29954  (21011719)                502521.98
3635175.90       33.81247  (21011719)
        502571.98   3635175.90       37.14499  (21011719)                502621.98
3635175.90       38.54414  (21011719)
        502671.98   3635175.90       37.46600  (21011719)                505121.98
3635175.90       44.14330  (20010802)
        505171.98   3635175.90       43.13323  (20010802)                505221.98
3635175.90       38.39109  (19022007)
        502221.98   3635225.90       17.43168  (20021724)                502271.98
3635225.90       18.86763  (20021724)
        502321.98   3635225.90       22.17334  (21011719)                502371.98
3635225.90       26.41343  (21011719)
        502421.98   3635225.90       30.26840  (21011719)                502471.98
3635225.90       33.17573  (21011719)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635275.90 25.55531 (21011719)
502621.98 3635275.90 29.75701 (20022207) 502671.98
3635275.90 33.75490 (20022207)
502221.98 3635325.90 46.15190 (21011719) 502271.98
3635325.90 27.05781 (21011719)
502321.98 3635325.90 54.58768 (21011719) 502371.98
3635325.90 53.49337 (21011719)
502421.98 3635325.90 48.67697 (21011719) 502471.98
3635325.90 43.06269 (21052423)
502521.98 3635325.90 45.75615 (21052423) 502571.98
3635325.90 41.96800 (21040223)
502621.98 3635325.90 38.66105 (20022207) 502671.98
3635325.90 39.87039 (20022207)
502221.98 3635375.90 49.54112 (21011719) 502271.98
3635375.90 49.59437 (21011719)
502321.98 3635375.90 45.86260 (21011719) 502371.98
3635375.90 39.39245 (21011719)
502421.98 3635375.90 45.27753 (21052423) 502471.98
3635375.90 48.18377 (21052423)
502521.98 3635375.90 41.94150 (21052423) 502571.98
3635375.90 41.57684 (20022207)
502621.98 3635375.90 44.77293 (19012005) 502671.98
3635375.90 44.36377 (20122320)
502221.98 3635425.90 42.33944 (21011719) 502271.98
3635425.90 38.05198 (21011719)
502321.98 3635425.90 38.03877 (21052423) 502371.98
3635425.90 41.50494 (21052423)
502421.98 3635425.90 42.90982 (21052423) 502471.98
3635425.90 42.97554 (21031323)
502521.98 3635425.90 45.21835 (19012005) 502571.98
3635425.90 46.38073 (19012005)
502621.98 3635425.90 44.63891 (19012005) 502671.98
3635425.90 45.70340 (21012023)
504771.98 3635425.90 28.56470 (21012617) 502221.98
3635475.90 38.00069 (21052423)
502271.98 3635475.90 39.15048 (21052423) 502321.98
3635475.90 40.36026 (21052423)
502371.98 3635475.90 39.30872 (21052423) 502421.98
3635475.90 41.83871 (21031323)
502471.98 3635475.90 49.83529 (19012005) 502521.98
3635475.90 46.43897 (19012005)
502571.98 3635475.90 44.20670 (19083024) 502621.98
3635475.90 44.25299 (21012023)
502671.98 3635475.90 46.05439 (21012023) 504771.98
3635475.90 45.75294 (21122618)
504821.98 3635475.90 37.35807 (20091421) 504871.98
3635475.90 39.74974 (19102623)
504921.98 3635475.90 45.03079 (19102623) 502221.98
3635525.90 44.34398 (21052423)
502271.98 3635525.90 38.93391 (21052423) 502321.98

3635525.90       37.38637  (21031323)
        502371.98   3635525.90       39.52093  (19012005)                502421.98
3635525.90       44.79237  (19012005)
        502471.98   3635525.90       46.50706  (19012005)                502521.98
3635525.90       45.26767  (20071201)
        502571.98   3635525.90       44.94530  (20071201)                502621.98
3635525.90       45.19657  (21072005)
        502671.98   3635525.90       44.71012  (21072005)                502721.98
3635525.90       49.79685  (21110406)
        502771.98   3635525.90       52.39862  (20070801)                502821.98
3635525.90       49.01660  (20070801)
        502871.98   3635525.90       58.28605  (20070802)                502921.98
3635525.90       59.92703  (20070802)
        502971.98   3635525.90       62.40207  (19091321)                503021.98
3635525.90       68.64306  (19091321)
        503071.98   3635525.90       68.80135  (20042421)                503121.98
3635525.90       54.23326  (20042421)
        503171.98   3635525.90       46.71018  (19121706)                503221.98
3635525.90       67.46891  (20110924)


                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503271.98   3635525.90       70.92308  (19073101)                503321.98
3635525.90       75.22860  (20091222)
        503371.98   3635525.90       74.61604  (20033120)                503421.98
3635525.90       80.20017  (20033120)
        503471.98   3635525.90       90.85379  (20101023)                503521.98
3635525.90       85.21438  (21061224)
        503571.98   3635525.90       87.94330  (19031924)                503621.98

3635525.90 73.14601 (21081004)
503671.98 3635525.90 73.34423 (19101219) 503721.98
3635525.90 76.66508 (19101219)
503771.98 3635525.90 84.19467 (20071102) 503821.98
3635525.90 65.56130 (21061222)
503871.98 3635525.90 75.66477 (19013104) 503921.98
3635525.90 97.04918 (19122420)
503971.98 3635525.90 83.44359 (21062624) 504021.98
3635525.90 77.65787 (20092001)
504071.98 3635525.90 63.39675 (21060422) 504121.98
3635525.90 41.47917 (21013118)
504171.98 3635525.90 47.02616 (20121721) 504221.98
3635525.90 26.94467 (21013118)
504271.98 3635525.90 17.86036 (21013118) 504321.98
3635525.90 11.53757 (19031219)
504371.98 3635525.90 15.03296 (20040223) 504421.98
3635525.90 18.13608 (20040223)
504471.98 3635525.90 22.85324 (20011620) 504521.98
3635525.90 26.63747 (20011620)
504571.98 3635525.90 38.87722 (20011620) 504621.98
3635525.90 49.68037 (21090701)
504671.98 3635525.90 50.87294 (21122618) 504721.98
3635525.90 59.30437 (21122618)
504771.98 3635525.90 54.82788 (21122618) 504821.98
3635525.90 44.39237 (21122618)
504871.98 3635525.90 39.06781 (20091421) 504921.98
3635525.90 34.52624 (19102623)
504971.98 3635525.90 42.26927 (19102623) 505021.98
3635525.90 48.83750 (19102623)
505071.98 3635525.90 46.43758 (19102623) 505121.98
3635525.90 39.50250 (19102623)
505171.98 3635525.90 30.75468 (19102623) 505221.98
3635525.90 25.92614 (19010822)
502221.98 3635575.90 39.24896 (20042123) 502271.98
3635575.90 38.75760 (21031323)
502321.98 3635575.90 40.10135 (19012005) 502371.98
3635575.90 43.42030 (19012005)
502421.98 3635575.90 44.46141 (19083024) 502471.98
3635575.90 44.97505 (20071201)
502521.98 3635575.90 42.04338 (20071201) 502571.98
3635575.90 42.20738 (21072005)
502621.98 3635575.90 41.80644 (21120718) 502671.98
3635575.90 46.95753 (21110406)
502721.98 3635575.90 49.72455 (20070801) 502771.98
3635575.90 46.30222 (20070801)
502821.98 3635575.90 54.98839 (20070802) 502871.98
3635575.90 57.42293 (20070802)
502921.98 3635575.90 58.17492 (20111121) 502971.98
3635575.90 66.14535 (19091321)
503021.98 3635575.90 67.82907 (20042421) 503071.98

3635575.90       69.51401  (20042421)
        503121.98   3635575.90       47.13682  (19121706)                503171.98
3635575.90       43.68531  (20110924)
        503221.98   3635575.90       72.24053  (19073101)                503271.98
3635575.90       77.18998  (20091222)
        503321.98   3635575.90       73.08835  (19111601)                503371.98
3635575.90       78.87632  (20033120)
        503421.98   3635575.90       81.79634  (19071201)                503471.98
3635575.90       79.83104  (20101023)
        503521.98   3635575.90       80.57597  (19031924)                503571.98
3635575.90       84.74005  (20090823)
        503621.98   3635575.90       80.98843  (21081004)                503671.98
3635575.90       78.61092  (19101219)
        503721.98   3635575.90       75.56728  (19101219)                503771.98
3635575.90       79.69692  (20071102)
        503821.98   3635575.90       59.50091  (20071102)                503871.98
3635575.90       73.52206  (19013104)
        503921.98   3635575.90       91.45745  (19122420)                503971.98
3635575.90       79.82772  (21062624)
        504021.98   3635575.90       62.86736  (20092001)                504071.98
3635575.90       47.19838  (21060422)
        504121.98   3635575.90       53.06594  (21013118)                504171.98
3635575.90       54.97609  (20121721)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635575.90 11.91582 (20040223)
504421.98 3635575.90 15.06019 (20040223) 504471.98
3635575.90 17.98548 (20011620)
504521.98 3635575.90 22.32670 (20011620) 504571.98
3635575.90 25.37576 (20011620)
504621.98 3635575.90 46.82802 (21090701) 504671.98
3635575.90 47.04787 (21090701)
504721.98 3635575.90 49.13963 (21122618) 504771.98
3635575.90 54.96655 (21122618)
504821.98 3635575.90 52.71189 (21122618) 504871.98
3635575.90 41.58586 (21122618)
504921.98 3635575.90 32.53104 (20091421) 504971.98
3635575.90 32.35125 (19102623)
505021.98 3635575.90 40.99190 (19102623) 505071.98
3635575.90 45.44934 (19102623)
505121.98 3635575.90 48.55122 (19102623) 505171.98
3635575.90 38.50110 (19102623)
505221.98 3635575.90 34.07699 (19102623) 502221.98
3635625.90 38.23487 (21031323)
502271.98 3635625.90 42.52110 (19012005) 502321.98
3635625.90 42.94472 (19012005)
502371.98 3635625.90 41.80265 (19083024) 502421.98
3635625.90 43.87076 (20071201)
502471.98 3635625.90 42.22885 (21012023) 502521.98
3635625.90 42.15751 (21072005)
502571.98 3635625.90 40.43530 (21110406) 502621.98
3635625.90 43.28336 (21110406)
502671.98 3635625.90 46.59804 (20070801) 502721.98
3635625.90 43.94970 (20070801)
502771.98 3635625.90 51.65298 (20070802) 502821.98
3635625.90 54.69646 (20070802)
502871.98 3635625.90 54.70196 (20111121) 502921.98
3635625.90 60.80514 (19091321)
502971.98 3635625.90 61.42587 (19071423) 503021.98
3635625.90 68.13499 (20042421)
503071.98 3635625.90 61.91458 (20042421) 503121.98
3635625.90 62.74391 (20110924)
503171.98 3635625.90 66.82507 (20110924) 503221.98
3635625.90 64.09222 (19073101)
503271.98 3635625.90 67.15786 (20091222) 503321.98
3635625.90 61.47354 (20033120)
503371.98 3635625.90 73.14769 (20033120) 503421.98
3635625.90 78.28193 (20101023)
503471.98 3635625.90 72.47414 (20120224) 503521.98
3635625.90 70.56247 (20120224)
503571.98 3635625.90 74.98042 (20090823) 503621.98
3635625.90 81.15839 (21081004)
503671.98 3635625.90 80.67686 (19101219) 503721.98
3635625.90 74.18445 (19101219)
503771.98 3635625.90 79.57499 (20071102) 503821.98

3635625.90       59.43723  (20071102)
        503871.98   3635625.90       65.64051  (19013104)                503921.98
3635625.90       84.24349  (19122420)
        503971.98   3635625.90       75.51691  (21062101)                504021.98
3635625.90       62.16607  (20092001)
        504071.98   3635625.90       54.96774  (21060422)                504121.98
3635625.90       52.73839  (21060422)
        504171.98   3635625.90       51.53019  (21013118)                504221.98
3635625.90       60.12859  (20121721)
        504271.98   3635625.90       55.77765  (20121721)                504321.98
3635625.90       14.91525  (21013118)
        504371.98   3635625.90       10.13443  (19031219)                504421.98
3635625.90       17.64166  (21121422)
        504471.98   3635625.90       14.94323  (20040223)                504521.98
3635625.90       17.99730  (20011620)
        504571.98   3635625.90       21.71290  (20011620)                504621.98
3635625.90       25.33972  (20011620)
        504671.98   3635625.90       34.38770  (20011620)                504721.98
3635625.90       43.67798  (21090701)
        504771.98   3635625.90       48.19657  (21122618)                504821.98
3635625.90       53.07583  (21122618)
        504871.98   3635625.90       48.27254  (21122618)                504921.98
3635625.90       36.69738  (21122618)
        504971.98   3635625.90       34.84307  (20091421)                505021.98
3635625.90       28.61001  (21012617)
        505071.98   3635625.90       32.19278  (19102623)                505121.98
3635625.90       42.37775  (19102623)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

- - - - - - - - - - - - - - - - - - - - - - - - - -
505171.98 3635625.90 40.99777 (19102623) 505221.98 3635625.90 36.77946 (19102623)
502221.98 3635675.90 37.90664 (20122320) 502271.98 3635675.90 39.35470 (19083024)
502321.98 3635675.90 39.96558 (20071201) 502371.98 3635675.90 40.61906 (20071201)
502421.98 3635675.90 40.39796 (21012023) 502471.98 3635675.90 39.05361 (21072005)
502521.98 3635675.90 39.15572 (20121101) 502571.98 3635675.90 41.88355 (21110406)
502621.98 3635675.90 44.00877 (20070801) 502671.98 3635675.90 41.25979 (20070801)
502721.98 3635675.90 48.00401 (20070802) 502771.98 3635675.90 50.29463 (20070802)
502821.98 3635675.90 52.31728 (21121424) 502871.98 3635675.90 53.01735 (19091321)
502921.98 3635675.90 50.32720 (19071423) 502971.98 3635675.90 57.18833 (20042421)
503021.98 3635675.90 60.75988 (19121706) 503071.98 3635675.90 54.04524 (19121706)
503121.98 3635675.90 51.00478 (20110924) 503171.98 3635675.90 50.82009 (21021621)
503221.98 3635675.90 54.23158 (20091222) 503271.98 3635675.90 53.71302 (19111601)
503321.98 3635675.90 54.08561 (19050823) 503371.98 3635675.90 58.86906 (19071201)
503421.98 3635675.90 66.40470 (20101023) 503471.98 3635675.90 71.38590 (20120224)
503521.98 3635675.90 64.82181 (19072124) 503571.98 3635675.90 64.82033 (20090823)
503621.98 3635675.90 75.07185 (21081004) 503671.98 3635675.90 76.70584 (19101219)
503721.98 3635675.90 68.31737 (19101219) 503771.98 3635675.90 74.89555 (20071102)
503821.98 3635675.90 57.20196 (20071102) 503871.98 3635675.90 66.03107 (21061222)
503921.98 3635675.90 81.85015 (19122420) 503971.98 3635675.90 76.04061 (19122420)
504021.98 3635675.90 62.01177 (20092001) 504071.98 3635675.90 56.04355 (20092001)
504121.98 3635675.90 53.10066 (21060422) 504171.98 3635675.90 49.57925 (21013118)
504221.98 3635675.90 52.17539 (20121721) 504271.98 3635675.90 57.01774 (20121721)
504321.98 3635675.90 44.48583 (20092821) 504371.98 3635675.90 10.81277 (21013118)
504421.98 3635675.90 9.73558 (20040223) 504471.98 3635675.90 42.85493 (21121422)
504521.98 3635675.90 47.69507 (21121422) 504571.98

3635675.90       17.87842  (20011620)
        504621.98   3635675.90       34.25395  (21061321)                504671.98
3635675.90       33.70546  (21090701)
        504721.98   3635675.90       40.72636  (21090701)                504771.98
3635675.90       48.74301  (21090701)
        504821.98   3635675.90       46.78659  (21122618)                504871.98
3635675.90       48.85620  (21122618)
        504921.98   3635675.90       42.50527  (21122618)                504971.98
3635675.90       37.68527  (21122618)
        505021.98   3635675.90       32.17556  (20091421)                505071.98
3635675.90       27.24006  (21012617)
        505121.98   3635675.90       34.44458  (19102623)                505171.98
3635675.90       39.01884  (19102623)
        505221.98   3635675.90       38.52787  (19102623)                502221.98
3635725.90       39.78486  (20122320)
        502271.98   3635725.90       37.63171  (21012023)                502321.98
3635725.90       39.05070  (21012023)
        502371.98   3635725.90       37.53538  (21012023)                502421.98
3635725.90       36.01288  (21072005)
        502471.98   3635725.90       37.38683  (20122721)                502521.98
3635725.90       39.92800  (20122721)
        502571.98   3635725.90       41.63749  (20070801)                502621.98
3635725.90       38.94875  (20070801)
        502671.98   3635725.90       44.82371  (20070802)                502721.98
3635725.90       48.29617  (20070802)
        502771.98   3635725.90       49.02993  (21121424)                502821.98
3635725.90       49.89571  (21121424)
        502871.98   3635725.90       49.35707  (19091321)                502921.98
3635725.90       51.34670  (19112801)
        502971.98   3635725.90       57.64573  (19121706)                503021.98
3635725.90       55.26748  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 45.89334 | (21100523) | 503121.98 | 3635725.90 | 47.99575 | (21100523) |
| 503171.98 | 3635725.90 | 52.55849 | (21021621) | 503221.98 | 3635725.90 | 48.60115 | (21112718) |
| 503271.98 | 3635725.90 | 50.81419 | (19050823) | 503321.98 | 3635725.90 | 53.69082 | (19050823) |
| 503371.98 | 3635725.90 | 55.45401 | (21100603) | 503421.98 | 3635725.90 | 59.66581 | (20120224) |
| 503471.98 | 3635725.90 | 68.02760 | (20120224) | 503521.98 | 3635725.90 | 60.78162 | (19072124) |
| 503571.98 | 3635725.90 | 61.69506 | (21021806) | 503621.98 | 3635725.90 | 67.13727 | (21081004) |
| 503671.98 | 3635725.90 | 72.18871 | (19101219) | 503721.98 | 3635725.90 | 63.52517 | (19021305) |
| 503771.98 | 3635725.90 | 69.72067 | (20071102) | 503821.98 | 3635725.90 | 54.42750 | (20071102) |
| 503871.98 | 3635725.90 | 63.71940 | (21061222) | 503921.98 | 3635725.90 | 76.10422 | (19122420) |
| 503971.98 | 3635725.90 | 75.96938 | (19122420) | 504021.98 | 3635725.90 | 60.70394 | (20092001) |
| 504071.98 | 3635725.90 | 60.21119 | (20092001) | 504121.98 | 3635725.90 | 55.14200 | (21060422) |
| 504171.98 | 3635725.90 | 48.16270 | (21013118) | 504221.98 | 3635725.90 | 53.31741 | (19012903) |
| 504271.98 | 3635725.90 | 60.16510 | (20121721) | 504321.98 | 3635725.90 | 49.77191 | (20121721) |
| 504371.98 | 3635725.90 | 44.10657 | (20092821) | 504421.98 | 3635725.90 | 16.32208 | (19022602) |
| 504471.98 | 3635725.90 | 45.44813 | (19022602) | 504521.98 | 3635725.90 | 50.39079 | (21121422) |
| 504571.98 | 3635725.90 | 41.67366 | (21121422) | 504621.98 | 3635725.90 | 33.94170 | (21061321) |
| 504671.98 | 3635725.90 | 34.10998 | (21061321) | 504721.98 | 3635725.90 | 37.26610 | (21090701) |
| 504771.98 | 3635725.90 | 39.32979 | (21090701) | 504821.98 | 3635725.90 | 39.50331 | (21090701) |
| 504871.98 | 3635725.90 | 41.44468 | (21122618) | 504921.98 | 3635725.90 | 43.32591 | (21122618) |
| 504971.98 | 3635725.90 | 43.74667 | (21122618) | 505021.98 | 3635725.90 | 36.67377 | (21122618) |
| 505071.98 | 3635725.90 | 30.48398 | (20091421) | 505121.98 | 3635725.90 | 28.26614 | (20091421) |
| 505171.98 | 3635725.90 | 31.34784 | (19102623) | 505221.98 | 3635725.90 | 35.29233 | (19102623) |
| 502221.98 | 3635775.90 | 38.93068 | (21012023) | 502271.98 | | | |

3635775.90  38.48744  (21012023)
  502321.98  3635775.90  36.51830  (21012023)  502371.98
3635775.90  33.79071  (21072005)
  502421.98  3635775.90  36.38355  (20122721)  502471.98
3635775.90  38.13938  (20122721)
  502521.98  3635775.90  38.27842  (20070801)  502571.98
3635775.90  36.66746  (19031105)
  502621.98  3635775.90  41.24406  (20070802)  502671.98
3635775.90  44.91398  (20070802)
  502721.98  3635775.90  44.87070  (21121424)  502771.98
3635775.90  46.46393  (21121424)
  502821.98  3635775.90  48.54163  (19091321)  502871.98
3635775.90  47.44974  (20042421)
  502921.98  3635775.90  53.05207  (19121706)  502971.98
3635775.90  54.87119  (19121706)
  503021.98  3635775.90  44.28286  (20112321)  503071.98
3635775.90  46.84704  (21100523)
  503121.98  3635775.90  48.08930  (21021621)  503171.98
3635775.90  50.07518  (21021621)
  503221.98  3635775.90  49.89685  (21112718)  503271.98
3635775.90  54.14872  (19050823)
  503321.98  3635775.90  52.66136  (21100603)  503371.98
3635775.90  55.55281  (21100603)
  503421.98  3635775.90  61.31910  (20120224)  503471.98
3635775.90  63.76362  (20120224)
  503521.98  3635775.90  58.10609  (19072124)  503571.98
3635775.90  58.90508  (21021806)
  503621.98  3635775.90  54.85241  (21081004)  503671.98
3635775.90  64.41479  (19101219)
  503721.98  3635775.90  60.42121  (19021305)  503771.98
3635775.90  65.17021  (20071102)
  503821.98  3635775.90  51.28503  (20071102)  503871.98
3635775.90  59.68769  (21061222)
  503921.98  3635775.90  69.07067  (19122420)  503971.98
3635775.90  74.24211  (19122420)



 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN  ***
INCLUDING SOURCE(S):  L0000910  , L0000911 , L0000912  , L0000913  , L0000914  ,
  L0000915  , L0000916  , L0000917  , L0000918  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 60.26634 | (21062624) | 504071.98 | 3635775.90 | 68.64311 | (20092001) |
| 504121.98 | 3635775.90 | 61.07372 | (21060422) | 504171.98 | 3635775.90 | 54.88998 | (21060422) |
| 504221.98 | 3635775.90 | 53.55276 | (19012903) | 504271.98 | 3635775.90 | 59.74014 | (20121721) |
| 504321.98 | 3635775.90 | 56.13277 | (20121721) | 504371.98 | 3635775.90 | 48.37230 | (20092821) |
| 504421.98 | 3635775.90 | 42.92825 | (19022602) | 504471.98 | 3635775.90 | 48.63306 | (19022602) |
| 504521.98 | 3635775.90 | 47.85605 | (21121422) | 504571.98 | 3635775.90 | 45.40620 | (21121422) |
| 504621.98 | 3635775.90 | 38.80238 | (21121422) | 504671.98 | 3635775.90 | 33.04385 | (21061321) |
| 504721.98 | 3635775.90 | 31.45126 | (21090701) | 504771.98 | 3635775.90 | 37.64850 | (21090701) |
| 504821.98 | 3635775.90 | 38.91723 | (21090701) | 504871.98 | 3635775.90 | 35.48848 | (21081602) |
| 504921.98 | 3635775.90 | 39.58932 | (21122618) | 504971.98 | 3635775.90 | 45.37809 | (21122618) |
| 505021.98 | 3635775.90 | 42.88902 | (21122618) | 505071.98 | 3635775.90 | 33.40795 | (21122618) |
| 505121.98 | 3635775.90 | 31.70307 | (20091421) | 505171.98 | 3635775.90 | 27.03912 | (20091421) |
| 505221.98 | 3635775.90 | 28.37724 | (19102623) | 502221.98 | 3635825.90 | 38.98797 | (21012023) |
| 502271.98 | 3635825.90 | 35.01042 | (21012023) | 502321.98 | 3635825.90 | 31.90259 | (20122721) |
| 502371.98 | 3635825.90 | 34.55544 | (20122721) | 502421.98 | 3635825.90 | 36.76628 | (20122721) |
| 502471.98 | 3635825.90 | 35.97879 | (20070801) | 502521.98 | 3635825.90 | 35.71807 | (19031105) |
| 502571.98 | 3635825.90 | 38.03617 | (20070802) | 502621.98 | 3635825.90 | 42.13599 | (20070802) |
| 502671.98 | 3635825.90 | 42.75277 | (21121424) | 502721.98 | 3635825.90 | 44.97727 | (21121424) |
| 502771.98 | 3635825.90 | 46.84989 | (19091321) | 502821.98 | 3635825.90 | 45.67865 | (19071423) |
| 502871.98 | 3635825.90 | 48.42142 | (20042421) | 502921.98 | 3635825.90 | 53.07374 | (19121706) |
| 502971.98 | 3635825.90 | 47.32835 | (19121706) | 503021.98 | | | |

3635825.90       44.47132  (21100523)
        503071.98   3635825.90       44.57000  (21100523)                503121.98
3635825.90       48.42198  (21021621)
        503171.98   3635825.90       47.05578  (21112718)                503221.98
3635825.90       47.20016  (19050823)
        503271.98   3635825.90       51.77657  (19050823)                503321.98
3635825.90       52.88591  (21100603)
        503371.98   3635825.90       51.43288  (21100603)                503421.98
3635825.90       61.04219  (20120224)
        503471.98   3635825.90       58.03678  (20120224)                503521.98
3635825.90       51.73184  (19072124)
        503571.98   3635825.90       54.91518  (19051001)                503621.98
3635825.90       49.83107  (19080922)
        503671.98   3635825.90       54.45530  (19101219)                503721.98
3635825.90       57.74720  (21041324)
        503771.98   3635825.90       60.71804  (20071102)                503821.98
3635825.90       47.68538  (20071102)
        503871.98   3635825.90       54.49062  (21061222)                503921.98
3635825.90       63.10141  (19122420)
        503971.98   3635825.90       69.85395  (19122420)                504021.98
3635825.90       61.58760  (21062624)
        504071.98   3635825.90       66.63445  (20092001)                504121.98
3635825.90       62.68610  (21060422)
        504171.98   3635825.90       61.90661  (21060422)                504221.98
3635825.90       53.37998  (21070824)
        504271.98   3635825.90       59.18665  (19012903)                504321.98
3635825.90       62.89596  (20121721)
        504371.98   3635825.90       52.50861  (20092821)                504421.98
3635825.90       45.31761  (20092821)
        504471.98   3635825.90       49.06714  (19022602)                504521.98
3635825.90       49.19746  (19022602)
        504571.98   3635825.90       47.07419  (21121422)                504621.98
3635825.90       43.98823  (21121422)
        504671.98   3635825.90       33.07611  (21121422)                504721.98
3635825.90       28.84025  (21061321)
        504771.98   3635825.90       31.01471  (21090701)                504821.98
3635825.90       37.40348  (21090701)
        504871.98   3635825.90       38.64020  (21090701)                504921.98
3635825.90       35.06621  (21081602)


 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                INCLUDING SOURCE(S):     L0000910    , L0000911

, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504971.98   3635825.90       40.21689  (21122618)               505021.98
3635825.90       42.45527  (21122618)
        505071.98   3635825.90       40.04772  (21122618)               505121.98
3635825.90       32.87448  (21122618)
        505171.98   3635825.90       31.12246  (20091421)               505221.98
3635825.90       26.69269  (20091421)
        502221.98   3635875.90       34.08140  (21012023)               502271.98
3635875.90       31.85135  (20122721)
        502321.98   3635875.90       34.39599  (20122721)               502371.98
3635875.90       34.67497  (20122721)
        502421.98   3635875.90       33.61504  (20122721)               502471.98
3635875.90       34.13171  (19031105)
        502521.98   3635875.90       34.31804  (20070802)               502571.98
3635875.90       38.63320  (20070802)
        502621.98   3635875.90       41.19591  (21121424)               502671.98
3635875.90       43.93167  (21121424)
        502721.98   3635875.90       42.16921  (19091321)               502771.98
3635875.90       43.44936  (19071423)
        502821.98   3635875.90       45.51938  (20042421)               502871.98
3635875.90       49.06710  (19121706)
        502921.98   3635875.90       48.17041  (19121706)               502971.98
3635875.90       39.50533  (20112321)
        503021.98   3635875.90       43.60849  (21100523)               503071.98
3635875.90       44.18022  (21021621)
        503121.98   3635875.90       45.90830  (21021621)               503171.98
3635875.90       45.57684  (21112718)
        503221.98   3635875.90       49.00732  (19050823)               503271.98
3635875.90       48.39864  (19050823)
        503321.98   3635875.90       51.74374  (21100603)               503371.98
3635875.90       48.14642  (19080122)
        503421.98   3635875.90       59.28216  (20120224)               503471.98
3635875.90       55.22321  (19072124)
        503521.98   3635875.90       46.41485  (20052321)               503571.98
3635875.90       52.69109  (19051001)
        503621.98   3635875.90       47.41412  (19080922)               503671.98
3635875.90       51.83039  (19101219)
        503721.98   3635875.90       55.29149  (21041324)               503771.98

3635875.90       55.56302  (20071102)
        503821.98   3635875.90       43.82244  (20071102)                503871.98
3635875.90       46.66296  (19072224)
        503921.98   3635875.90       56.34422  (19122420)                503971.98
3635875.90       66.00868  (19122420)
        504021.98   3635875.90       59.19647  (21062624)                504071.98
3635875.90       60.47661  (20092001)
        504121.98   3635875.90       58.06811  (20092001)                504171.98
3635875.90       61.61123  (21060422)
        504221.98   3635875.90       51.86169  (21013118)                504271.98
3635875.90       55.12922  (19012903)
        504321.98   3635875.90       60.84528  (20121721)                504371.98
3635875.90       59.55456  (20121721)
        504421.98   3635875.90       55.93549  (20092821)                504471.98
3635875.90       47.11865  (19022602)
        504521.98   3635875.90       50.07253  (19022602)                504571.98
3635875.90       45.55204  (21121422)
        504621.98   3635875.90       46.94115  (21121422)                504671.98
3635875.90       39.63056  (21121422)
        504721.98   3635875.90       28.02813  (21061321)                504771.98
3635875.90       27.87448  (21061321)
        504821.98   3635875.90       32.47720  (21090701)                504871.98
3635875.90       36.45450  (21090701)
        504921.98   3635875.90       36.33169  (21090701)                504971.98
3635875.90       36.75260  (21081602)
        505021.98   3635875.90       38.68361  (21122618)                505071.98
3635875.90       39.46480  (21122618)
        505121.98   3635875.90       37.69791  (21122618)                505171.98
3635875.90       31.84262  (21122618)
        505221.98   3635875.90       30.46752  (20091421)                502221.98
3635925.90       33.33882  (20122721)
        502271.98   3635925.90       34.71458  (20122721)                502321.98
3635925.90       34.66686  (20122721)
        502371.98   3635925.90       32.14867  (20070801)                502421.98
3635925.90       32.86365  (19031105)
        502471.98   3635925.90       32.32030  (20070802)                502521.98
3635925.90       34.51427  (20070802)
        502571.98   3635925.90       39.02459  (21121424)                502621.98
3635925.90       42.58168  (21121424)
        502671.98   3635925.90       40.63263  (21121424)                502721.98
3635925.90       39.03510  (19071423)
        502771.98   3635925.90       42.20030  (20042421)                502821.98
3635925.90       45.57150  (19121706)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***

INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 47.18779 | (19121706) | 502921.98 | 3635925.90 | 39.66530 | (19121706) |
| 502971.98 | 3635925.90 | 40.61409 | (21100523) | 503021.98 | 3635925.90 | 40.47720 | (20070104) |
| 503071.98 | 3635925.90 | 44.14644 | (21021621) | 503121.98 | 3635925.90 | 43.27661 | (21112718) |
| 503171.98 | 3635925.90 | 42.34249 | (19050823) | 503221.98 | 3635925.90 | 48.11098 | (19050823) |
| 503271.98 | 3635925.90 | 46.68474 | (21100603) | 503321.98 | 3635925.90 | 49.13728 | (21100603) |
| 503371.98 | 3635925.90 | 50.22536 | (20120224) | 503421.98 | 3635925.90 | 56.12776 | (20120224) |
| 503471.98 | 3635925.90 | 51.21400 | (19072124) | 503521.98 | 3635925.90 | 44.47147 | (19051001) |
| 503571.98 | 3635925.90 | 50.16190 | (19051001) | 503621.98 | 3635925.90 | 44.23346 | (19080922) |
| 503671.98 | 3635925.90 | 50.35430 | (21041324) | 503721.98 | 3635925.90 | 53.58235 | (21041324) |
| 503771.98 | 3635925.90 | 50.65092 | (19072223) | 503821.98 | 3635925.90 | 41.36974 | (19072223) |
| 503871.98 | 3635925.90 | 44.22712 | (21061222) | 503921.98 | 3635925.90 | 51.49825 | (19122420) |
| 503971.98 | 3635925.90 | 61.82971 | (19122420) | 504021.98 | 3635925.90 | 55.76364 | (21062101) |
| 504071.98 | 3635925.90 | 55.34414 | (20092001) | 504121.98 | 3635925.90 | 55.63084 | (20092001) |
| 504171.98 | 3635925.90 | 55.37591 | (21060422) | 504221.98 | 3635925.90 | 50.31513 | (21013118) |
| 504271.98 | 3635925.90 | 51.29333 | (21013118) | 504321.98 | 3635925.90 | 52.85185 | (19012903) |
| 504371.98 | 3635925.90 | 58.48958 | (20121721) | 504421.98 | 3635925.90 | 55.21918 | (20092821) |
| 504471.98 | 3635925.90 | 49.88657 | (20092821) | 504521.98 | | | |

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3635925.90       52.07477  (19022602)
        504571.98   3635925.90       48.92887  (19022602)                504621.98
3635925.90       44.32353  (21121422)
        504671.98   3635925.90       44.01589  (21121422)                504721.98
3635925.90       34.96427  (21121422)
        504771.98   3635925.90       29.76314  (21061321)                504821.98
3635925.90       26.56564  (21061321)
        504871.98   3635925.90       31.58015  (21090701)                504921.98
3635925.90       34.77842  (21090701)
        504971.98   3635925.90       37.54783  (21090701)                505021.98
3635925.90       36.97092  (21081602)
        505071.98   3635925.90       39.69596  (21122618)                505121.98
3635925.90       39.41120  (21122618)
        505171.98   3635925.90       36.38342  (21122618)                505221.98
3635925.90       33.53324  (20091421)
        502221.98   3635975.90       36.74891  (20122721)                502271.98
3635975.90       35.42292  (20122721)
        502321.98   3635975.90       32.22252  (20122721)                502371.98
3635975.90       31.61922  (19031105)
        502421.98   3635975.90       31.18284  (20040823)                502471.98
3635975.90       33.07533  (20070802)
        502521.98   3635975.90       36.92876  (21121424)                502571.98
3635975.90       40.26320  (21121424)
        502621.98   3635975.90       39.58017  (21121424)                502671.98
3635975.90       35.27888  (19091321)
        502721.98   3635975.90       38.36887  (19112801)                502771.98
3635975.90       41.79576  (19121706)
        502821.98   3635975.90       45.96058  (19121706)                502871.98
3635975.90       41.75616  (19121706)
        502921.98   3635975.90       37.47185  (21100523)                502971.98
3635975.90       39.11493  (21100523)
        503021.98   3635975.90       40.87116  (21021621)                503071.98
3635975.90       42.09873  (21021621)
        503121.98   3635975.90       41.98738  (21112718)                503171.98
3635975.90       43.97552  (19050823)
        503221.98   3635975.90       45.61515  (19050823)                503271.98
3635975.90       46.83074  (21100603)
        503321.98   3635975.90       45.47430  (21100603)                503371.98
3635975.90       51.99583  (20120224)
        503421.98   3635975.90       49.91347  (20120224)                503471.98
3635975.90       46.70748  (19072124)
        503521.98   3635975.90       45.32132  (19051001)                503571.98
3635975.90       46.98663  (19051001)
        503621.98   3635975.90       41.83339  (19080922)                503671.98
3635975.90       49.28278  (21041324)
        503721.98   3635975.90       51.81637  (21041324)                503771.98
3635975.90       49.53349  (19072223)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKN ***
INCLUDING SOURCE(S): L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 40.21784 | (19072223) | 503871.98 | 3635975.90 | 40.78784 | (19072224) |
| 503921.98 | 3635975.90 | 47.36763 | (19072224) | 503971.98 | 3635975.90 | 58.29804 | (19122420) |
| 504021.98 | 3635975.90 | 52.91520 | (19122420) | 504071.98 | 3635975.90 | 46.94486 | (20092001) |
| 504121.98 | 3635975.90 | 49.24811 | (20092001) | 504171.98 | 3635975.90 | 45.98898 | (21060422) |
| 504221.98 | 3635975.90 | 46.00007 | (21013118) | 504271.98 | 3635975.90 | 51.49269 | (21013118) |
| 504321.98 | 3635975.90 | 46.42064 | (19012903) | 504371.98 | 3635975.90 | 49.01647 | (20121721) |
| 504421.98 | 3635975.90 | 47.53495 | (20121721) | 504471.98 | 3635975.90 | 48.93978 | (20092821) |
| 504521.98 | 3635975.90 | 44.53639 | (19022602) | 504571.98 | 3635975.90 | 50.53246 | (19022602) |
| 504621.98 | 3635975.90 | 45.68545 | (19022602) | 504671.98 | 3635975.90 | 50.09017 | (21121422) |
| 504721.98 | 3635975.90 | 45.10804 | (21121422) | 504771.98 | 3635975.90 | 33.75566 | (21061321) |
| 504821.98 | 3635975.90 | 31.27410 | (21061321) | 504871.98 | 3635975.90 | 27.10221 | (21061321) |
| 504921.98 | 3635975.90 | 31.62181 | (21090701) | 504971.98 | 3635975.90 | 37.32424 | (21090701) |
| 505021.98 | 3635975.90 | 36.59295 | (21090701) | 505071.98 | 3635975.90 | 35.97593 | (21081602) |
| 505121.98 | 3635975.90 | 37.96214 | (21122618) | 505171.98 | 3635975.90 | 38.81404 | (21122618) |
| 505221.98 | 3635975.90 | 34.99917 | (21122618) | 501721.98 | | | |

3632475.90 2.95125 (21030103)
501821.98 3632475.90 4.41345 (21030103) 501921.98
3632475.90 6.12815 (21030103)
502021.98 3632475.90 7.78809 (21030103) 502121.98
3632475.90 8.94688 (21030103)
502221.98 3632475.90 9.18362 (21030103) 502321.98
3632475.90 11.96471 (20121603)
502421.98 3632475.90 13.80893 (20121603) 502521.98
3632475.90 13.42615 (20121603)
502621.98 3632475.90 10.81833 (20121603) 502721.98
3632475.90 18.89478 (20092124)
502821.98 3632475.90 16.85214 (20102407) 502921.98
3632475.90 19.77531 (20102407)
503021.98 3632475.90 23.07296 (20111701) 503121.98
3632475.90 30.30186 (19081924)
503221.98 3632475.90 34.57361 (19081924) 503321.98
3632475.90 30.40098 (19110606)
503421.98 3632475.90 33.36164 (19101521) 503721.98
3632475.90 32.56423 (21020203)
503821.98 3632475.90 34.47461 (20082921) 503921.98
3632475.90 26.37902 (20082921)
504021.98 3632475.90 23.49405 (20080820) 504121.98
3632475.90 25.88362 (20022622)
504221.98 3632475.90 25.51337 (21011302) 504321.98
3632475.90 23.98745 (19102905)
504421.98 3632475.90 24.59569 (19121107) 504521.98
3632475.90 24.82584 (21011620)
504621.98 3632475.90 23.83453 (21013021) 504721.98
3632475.90 23.13294 (21120723)
504821.98 3632475.90 22.54846 (20101423) 504921.98
3632475.90 22.69181 (21022020)
505021.98 3632475.90 22.41971 (21120804) 505121.98
3632475.90 21.65456 (19042204)
505221.98 3632475.90 21.14211 (19022705) 505321.98
3632475.90 20.18210 (19031124)
505421.98 3632475.90 19.89080 (21011520) 505521.98
3632475.90 19.31752 (21010522)
505621.98 3632475.90 18.43757 (20122923) 505721.98
3632475.90 17.06638 (20110323)
501721.98 3632575.90 2.65305 (19010119) 501821.98
3632575.90 3.26362 (21030103)
501921.98 3632575.90 4.91595 (21030103) 502021.98
3632575.90 6.83024 (21030103)
502121.98 3632575.90 8.61788 (21030103) 502221.98
3632575.90 9.74043 (21030103)
502321.98 3632575.90 10.50674 (20121603) 502421.98
3632575.90 13.65821 (20121603)
502521.98 3632575.90 14.94835 (20121603) 502621.98
3632575.90 13.53131 (20121603)
502721.98 3632575.90 12.05837 (21063005) 502821.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502921.98   3632575.90       20.26197  (20102407)               503021.98   3632575.90       24.22326  (20111701)
        503121.98   3632575.90       26.45368  (19081924)               503221.98   3632575.90       38.23186  (19081924)
        503321.98   3632575.90       30.76393  (19110606)               503421.98   3632575.90       35.63593  (19101521)
        503721.98   3632575.90       33.15357  (21020203)               503821.98   3632575.90       34.88031  (20082921)
        503921.98   3632575.90       22.18548  (20081802)               504021.98   3632575.90       26.57955  (20082519)
        504121.98   3632575.90       26.67348  (20022622)               504221.98   3632575.90       26.68760  (21011302)
        504321.98   3632575.90       26.17899  (21022205)               504421.98   3632575.90       27.88223  (20022403)
        504521.98   3632575.90       25.46319  (21011620)               504621.98   3632575.90       23.30985  (20042404)
        504721.98   3632575.90       24.55721  (21120723)               504821.98   3632575.90       23.76814  (20112022)
        504921.98   3632575.90       24.09587  (21011323)               505021.98   3632575.90       23.24284  (21010102)
        505121.98   3632575.90       22.22674  (21022803)               505221.98   3632575.90       22.15886  (21021820)
        505321.98   3632575.90       21.81334  (21011520)               505421.98   3632575.90       20.68532  (21010522)
        505521.98   3632575.90       19.50206  (19122301)               505621.98

3632575.90 18.39314 (20110323)
505721.98 3632575.90 19.03340 (21022502) 501721.98
3632675.90 3.38688 (19010119)
501821.98 3632675.90 2.92609 (19010119) 501921.98
3632675.90 3.62458 (21030103)
502021.98 3632675.90 5.50095 (21030103) 502121.98
3632675.90 7.64384 (21030103)
502221.98 3632675.90 9.55914 (21030103) 502321.98
3632675.90 10.59431 (21030103)
502421.98 3632675.90 12.40960 (20121603) 502521.98
3632675.90 15.43334 (20121603)
502621.98 3632675.90 15.85133 (20121603) 502721.98
3632675.90 13.17832 (20121603)
502821.98 3632675.90 28.29419 (20092124) 502921.98
3632675.90 25.88215 (20061222)
503021.98 3632675.90 30.13796 (20082723) 503721.98
3632675.90 34.92159 (21020203)
503821.98 3632675.90 37.63117 (20082921) 503921.98
3632675.90 27.33704 (20032501)
504021.98 3632675.90 27.98468 (19032124) 504121.98
3632675.90 29.17661 (21013120)
504221.98 3632675.90 25.73727 (21011302) 504321.98
3632675.90 28.81321 (21022205)
504421.98 3632675.90 27.40146 (20022403) 504521.98
3632675.90 27.24594 (21013021)
504621.98 3632675.90 26.62663 (20042404) 504721.98
3632675.90 26.03343 (20101423)
504821.98 3632675.90 25.68090 (21022020) 504921.98
3632675.90 24.82508 (21120804)
505021.98 3632675.90 23.72706 (21022803) 505121.98
3632675.90 23.78169 (21021820)
505221.98 3632675.90 23.23501 (21011520) 505321.98
3632675.90 21.81857 (21010522)
505421.98 3632675.90 21.34340 (19122301) 505521.98
3632675.90 19.71306 (20110323)
505621.98 3632675.90 20.41260 (21022502) 505721.98
3632675.90 19.30554 (19120104)
502421.98 3632775.90 18.77089 (21030103) 502521.98
3632775.90 23.81103 (21031822)
502621.98 3632775.90 24.42647 (20121603) 502721.98
3632775.90 16.35881 (20121603)
502821.98 3632775.90 35.05789 (20092124) 502921.98
3632775.90 35.13470 (20090205)
503021.98 3632775.90 34.49976 (20102407) 503121.98
3632775.90 38.08004 (20111701)
503221.98 3632775.90 33.15910 (19081924) 503621.98
3632775.90 41.66045 (20050102)
503721.98 3632775.90 37.99012 (21020203) 503821.98
3632775.90 37.87174 (20082921)
503921.98 3632775.90 30.27525 (20032501) 504021.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                   INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3632775.90       28.24950  (21013021)                504621.98
3632775.90       28.60437  (21120723)
        504721.98   3632775.90       27.43941  (20112022)                504821.98
3632775.90       26.97535  (21011323)
        504921.98   3632775.90       26.54356  (20011902)                505021.98
3632775.90       25.87722  (19022705)
        505121.98   3632775.90       24.71607  (20121007)                505221.98
3632775.90       23.65430  (19121906)
        505321.98   3632775.90       23.23751  (19122301)                505421.98
3632775.90       21.28972  (19081501)
        505521.98   3632775.90       21.95208  (21022502)                505621.98
3632775.90       20.59870  (19120104)
        505721.98   3632775.90       20.54545  (20021702)                501721.98
3632875.90        4.74886  (19010119)
        501821.98   3632875.90        4.55315  (19010119)                501921.98
3632875.90        4.16184  (19010119)
        502021.98   3632875.90        3.61095  (19010119)                502121.98
3632875.90        4.53753  (21030103)
        502221.98   3632875.90        6.99737  (21030103)                502321.98
3632875.90        9.70161  (21030103)
        502421.98   3632875.90       11.83421  (21030103)                502521.98

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3632875.90       12.45356  (21030103)
        502621.98   3632875.90       17.02432  (20121603)                502721.98
3632875.90       18.78070  (20121603)
        502821.98   3632875.90       31.55885  (20092124)                502921.98
3632875.90       42.10444  (20090205)
        503021.98   3632875.90       25.29114  (20090723)                503121.98
3632875.90       36.20538  (20111701)
        503221.98   3632875.90       32.79333  (19050103)                503321.98
3632875.90       43.69088  (19081924)
        503421.98   3632875.90       42.42654  (19110606)                503621.98
3632875.90       43.76433  (20050102)
        503721.98   3632875.90       40.16956  (21020203)                503821.98
3632875.90       39.05344  (20082921)
        503921.98   3632875.90       27.90277  (20081802)                504021.98
3632875.90       33.34429  (19032124)
        504121.98   3632875.90       33.90736  (21013120)                504221.98
3632875.90       32.33187  (19102905)
        504321.98   3632875.90       34.43834  (20022403)                504421.98
3632875.90       31.92066  (20052501)
        504521.98   3632875.90       31.08586  (20042404)                504621.98
3632875.90       30.13790  (20101423)
        504721.98   3632875.90       29.25307  (21011323)                504821.98
3632875.90       29.04976  (21010102)
        504921.98   3632875.90       27.23201  (19022705)                505021.98
3632875.90       26.67762  (20121007)
        505121.98   3632875.90       25.68598  (19121906)                505221.98
3632875.90       25.13859  (19122301)
        505321.98   3632875.90       22.99500  (20122923)                505421.98
3632875.90       23.70523  (21022502)
        505521.98   3632875.90       22.21555  (19120104)                505621.98
3632875.90       22.21834  (20021702)
        505721.98   3632875.90       21.18382  (20020804)                501721.98
3632975.90        5.13040  (19010119)
        501821.98   3632975.90        5.20468  (19010119)                501921.98
3632975.90        5.04421  (19010119)
        502021.98   3632975.90        4.64489  (19010119)                502121.98
3632975.90        4.04324  (19010119)
        505321.98   3632975.90       25.70436  (21022502)                505421.98
3632975.90       23.96422  (19120104)
        505521.98   3632975.90       24.06284  (20021702)                505621.98
3632975.90       22.17664  (20020804)
        505721.98   3632975.90       22.07105  (21012402)                501721.98
3633075.90        6.57978  (21111004)
        501821.98   3633075.90        5.88609  (21111004)                501921.98
3633075.90        5.71362  (19010119)
        502021.98   3633075.90        5.60748  (19010119)                502121.98
3633075.90        5.21140  (19010119)
        505321.98   3633075.90       26.00258  (19120104)                505421.98
3633075.90       26.02745  (20021702)
        505521.98   3633075.90       24.02054  (20011323)                505621.98
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3633075.90       23.21593  (21012402)
        505721.98   3633075.90       22.97709  (20022406)                501721.98
3633175.90        7.79638  (21111004)
        501821.98   3633175.90        7.52696  (21111004)                501921.98
3633175.90        6.87840  (21111004)
        502021.98   3633175.90        6.28393  (19010119)                502121.98
3633175.90        6.24967  (19010119)
        505321.98   3633175.90       28.17518  (20021702)                505421.98
3633175.90       26.22360  (20011323)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                   INCLUDING SOURCE(S):     L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

```
3633375.90        9.39863  (21111004)
        505321.98   3633375.90       30.87424  (20022406)                505421.98
3633375.90       28.06182  (21121121)
        505521.98   3633375.90       27.14733  (21120121)                505621.98
3633375.90       25.04995  (21011022)
        505721.98   3633375.90       24.10263  (20021024)                501721.98
3633475.90        6.57358  (21111004)
        501821.98   3633475.90        7.94392  (21111004)                501921.98
3633475.90        9.26627  (21111004)
        502021.98   3633475.90       10.35039  (21111004)                502121.98
3633475.90       10.97096  (21111004)
        505321.98   3633475.90       30.86588  (21121121)                505421.98
3633475.90       29.49961  (21021801)
        505521.98   3633475.90       27.23491  (21011022)                505621.98
3633475.90       27.36065  (21122302)
        505721.98   3633475.90       25.22726  (21011724)                501721.98
3633575.90        6.72910  (21012320)
        501821.98   3633575.90        6.19118  (21111004)                501921.98
3633575.90        7.79116  (21111004)
        502021.98   3633575.90        9.46955  (21111004)                502121.98
3633575.90       11.05194  (21111004)
        505321.98   3633575.90       32.29636  (21011022)                505421.98
3633575.90       31.32185  (21122302)
        505521.98   3633575.90       29.21061  (21011724)                505621.98
3633575.90       28.13998  (21010408)
        505721.98   3633575.90       25.70681  (21011720)                501721.98
3633675.90       10.56713  (21012320)
        501821.98   3633675.90        9.61421  (21012320)                501921.98
3633675.90        8.37325  (21012320)
        502021.98   3633675.90        7.36867  (21111004)                502121.98
3633675.90        9.39994  (21111004)
        505321.98   3633675.90       34.03075  (21122302)                505421.98
3633675.90       33.55876  (21010408)
        505521.98   3633675.90       29.83919  (21011720)                505621.98
3633675.90       28.90935  (20121406)
        505721.98   3633675.90       26.51636  (20021305)                501721.98
3633775.90       13.60423  (21012320)
        501821.98   3633775.90       13.57659  (21012320)                501921.98
3633775.90       13.08768  (21012320)
        502021.98   3633775.90       12.09545  (21012320)                502121.98
3633775.90       10.61576  (21012320)
        505321.98   3633775.90       35.01128  (21011720)                505421.98
3633775.90       34.22933  (20121406)
        505521.98   3633775.90       30.66177  (21121024)                505621.98
3633775.90       29.14751  (20021723)
        505721.98   3633775.90       27.94501  (19011606)                501721.98
3633875.90       14.11191  (21012320)
        501821.98   3633875.90       15.33529  (21012320)                501921.98
3633875.90       16.15691  (21012320)
        502021.98   3633875.90       16.64055  (21012320)                502121.98
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3633875.90       16.43078  (21012320)
        505321.98   3633875.90       36.73684  (20021723)                505421.98
3633875.90       35.36486  (19011606)
        505521.98   3633875.90       31.72526  (20012223)                505621.98
3633875.90       29.89904  (21022322)
        505721.98   3633875.90       29.00578  (20082223)                501721.98
3633975.90       11.64311  (21012320)
        501821.98   3633975.90       13.57628  (21012320)                501921.98
3633975.90       15.58716  (21012320)
        502021.98   3633975.90       17.53390  (21012320)                502121.98
3633975.90       19.28023  (21012320)
        505321.98   3633975.90       37.73493  (21022322)                505421.98
3633975.90       34.70426  (21010422)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                    INCLUDING SOURCE(S):     L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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3634175.90       12.07841  (19083104)
        501821.98   3634175.90       12.68388  (19083104)                501921.98
3634175.90       13.20881  (19083104)
        502021.98   3634175.90       13.57933  (19083104)                502121.98
3634175.90       13.88212  (19083104)
        505321.98   3634175.90       38.16572  (20020703)                505421.98
3634175.90       33.99873  (20032124)
        505521.98   3634175.90       33.94725  (21122121)                505621.98
3634175.90       32.24332  (21122121)
        505721.98   3634175.90       29.57221  (21122121)                501721.98
3634275.90       11.90850  (19083104)
        501821.98   3634275.90       12.98255  (19083104)                501921.98
3634275.90       14.13825  (19083104)
        502021.98   3634275.90       15.35770  (19083104)                502121.98
3634275.90       16.65240  (19083104)
        505321.98   3634275.90       43.67759  (20121803)                505421.98
3634275.90       41.37937  (21122201)
        505521.98   3634275.90       34.66355  (21122201)                505621.98
3634275.90       31.52010  (19021906)
        505721.98   3634275.90       29.23656  (19021906)                501721.98
3634375.90        9.22358  (19083104)
        501821.98   3634375.90       10.30560  (19083104)                501921.98
3634375.90       11.50288  (19083104)
        502021.98   3634375.90       12.89634  (19083104)                502121.98
3634375.90       14.54851  (19083104)
        505321.98   3634375.90       45.56255  (20013123)                505421.98
3634375.90       41.93633  (20013123)
        505521.98   3634375.90       33.89836  (20013123)                505621.98
3634375.90       31.58736  (21121920)
        505721.98   3634375.90       29.68514  (21121920)                501721.98
3634475.90        9.86869  (21021102)
        501821.98   3634475.90       10.55317  (21021102)                501921.98
3634475.90       11.30353  (21021102)
        502021.98   3634475.90       12.15425  (21021102)                502121.98
3634475.90       13.08591  (20022619)
        505321.98   3634475.90       43.07027  (19122101)                505421.98
3634475.90       47.91917  (19122101)
        505521.98   3634475.90       37.98353  (19122101)                505621.98
3634475.90       32.33874  (19122101)
        505721.98   3634475.90       30.13641  (21010219)                501721.98
3634575.90       14.65396  (21021102)
        501821.98   3634575.90       15.81384  (21021102)                501921.98
3634575.90       17.13200  (21021102)
        502021.98   3634575.90       18.65461  (21021102)                502121.98
3634575.90       20.40215  (21021102)
        505321.98   3634575.90       38.90820  (21101921)                505421.98
3634575.90       45.33916  (21101921)
        505521.98   3634575.90       40.77555  (21101921)                505621.98
3634575.90       31.13042  (21101921)
        505721.98   3634575.90       28.74215  (21101921)                501721.98
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3634675.90       15.82943  (21021102)
        501821.98   3634675.90       16.88928  (21021102)                501921.98
3634675.90       18.03046  (21021102)
        502021.98   3634675.90       19.29614  (21021102)                502121.98
3634675.90       20.59700  (21021102)
        505321.98   3634675.90       44.33917  (20041201)                505421.98
3634675.90       46.20585  (20041201)
        505521.98   3634675.90       45.90186  (21013119)                505621.98
3634675.90       39.67411  (21013119)
        505721.98   3634675.90       30.50816  (21013119)                501721.98
3634775.90       12.42251  (21021102)
        501821.98   3634775.90       12.80406  (21021102)                501921.98
3634775.90       13.12813  (21021102)
        502021.98   3634775.90       13.48997  (19101801)                502121.98
3634775.90       14.66952  (19101801)
        505321.98   3634775.90       36.01171  (21082522)                505421.98
3634775.90       39.86229  (20041201)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                    INCLUDING SOURCE(S):     L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3634875.90       42.46221  (21032601)
        505521.98   3634875.90       37.93954  (21032601)                505621.98
3634875.90       34.47132  (20081806)
        505721.98   3634875.90       33.03551  (20081806)                501721.98
3634975.90       13.61223  (19050903)
        501821.98   3634975.90       14.81039  (19050903)                501921.98
3634975.90       15.94269  (19050903)
        502021.98   3634975.90       16.95549  (19050903)                502121.98
3634975.90       17.75083  (19050903)
        505321.98   3634975.90       42.42697  (19022319)                505421.98
3634975.90       44.77578  (20081401)
        505521.98   3634975.90       43.13082  (21012820)                505621.98
3634975.90       40.60718  (21012820)
        505721.98   3634975.90       36.65388  (21012820)                501721.98
3635075.90       30.75066  (21012721)
        501821.98   3635075.90       18.50944  (21121021)                501921.98
3635075.90       42.75282  (21121021)
        502021.98   3635075.90       40.75518  (21121021)                502121.98
3635075.90       12.42450  (19050903)
        505321.98   3635075.90       36.53069  (19030607)                505421.98
3635075.90       41.04937  (19042006)
        505521.98   3635075.90       43.29516  (20081401)                505621.98
3635075.90       39.77123  (20081401)
        505721.98   3635075.90       38.83783  (20081401)                501721.98
3635175.90       34.59627  (21121021)
        501821.98   3635175.90       32.65900  (19110921)                501921.98
3635175.90       42.71714  (19110921)
        502021.98   3635175.90       42.76825  (19100422)                502121.98
3635175.90       37.33335  (21112918)
        505321.98   3635175.90       34.41478  (19022007)                505421.98
3635175.90       29.94159  (19022007)
        505521.98   3635175.90       30.56230  (19042006)                505621.98
3635175.90       32.72018  (19042006)
        505721.98   3635175.90       32.56395  (19042006)                501721.98
3635275.90       35.49785  (19100422)
        501821.98   3635275.90       40.18865  (21112918)                501921.98
3635275.90       42.69750  (21112918)
        502021.98   3635275.90       44.24435  (19122123)                502121.98
3635275.90       43.25130  (20021924)
        505621.98   3635275.90       22.60424  (21122106)                505721.98
3635275.90       20.64040  (21122106)
        501721.98   3635375.90       31.29726  (19120120)                501821.98
3635375.90       36.80426  (20021924)
        501921.98   3635375.90       42.13090  (20021924)                502021.98
3635375.90       45.31164  (19012720)
        502121.98   3635375.90       40.88397  (21011719)                505621.98
3635375.90       19.15239  (20010802)
        501721.98   3635475.90       29.27140  (20021924)                501821.98
3635475.90       33.20585  (19012720)
        501921.98   3635475.90       34.59978  (19012720)                502021.98
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3635475.90       39.82768  (21011719)
        502121.98   3635475.90       42.56497  (19111006)                505621.98
3635475.90        4.83123  (20092620)
        505721.98   3635475.90        4.15177  (20092620)                501721.98
3635575.90       27.73741  (21011719)
        501821.98   3635575.90       32.81869  (21011719)                501921.98
3635575.90       33.79581  (19111006)
        502021.98   3635575.90       33.67981  (21111519)                502121.98
3635575.90       38.50998  (21052423)
        505321.98   3635575.90       27.13839  (19010822)                505421.98
3635575.90        9.44339  (21071520)
        505521.98   3635575.90        7.64400  (21071520)                505621.98
3635575.90        5.96102  (21071520)
        505721.98   3635575.90        4.61865  (20092620)                501721.98
3635675.90       28.47581  (21011719)
        501821.98   3635675.90       26.36842  (21021622)                501921.98
3635675.90       29.21156  (21052423)
        502021.98   3635675.90       33.71076  (19013101)                502121.98
3635675.90       38.40480  (19013101)
        505321.98   3635675.90       32.44104  (19102623)                505421.98
3635675.90       21.90898  (20022105)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911 , L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635775.90 34.36149 (19013101)
502021.98 3635775.90 34.01583 (19013101) 502121.98
3635775.90 37.56002 (20122320)
505321.98 3635775.90 36.60451 (19102623) 505421.98
3635775.90 34.29087 (19102623)
505521.98 3635775.90 25.08758 (19010822) 505621.98
3635775.90 19.12477 (19010822)
505721.98 3635775.90 21.45430 (19030707) 501721.98
3635875.90 26.99132 (19013101)
501821.98 3635875.90 32.46652 (19013101) 501921.98
3635875.90 30.50166 (20122320)
502021.98 3635875.90 35.81947 (20122320) 502121.98
3635875.90 37.46631 (21012023)
505321.98 3635875.90 24.92616 (19102623) 505421.98
3635875.90 31.93647 (19102623)
505521.98 3635875.90 32.51414 (19102623) 505621.98
3635875.90 24.69295 (19102623)
505721.98 3635875.90 22.26220 (19010822) 501721.98
3635975.90 26.44885 (19013101)
501821.98 3635975.90 29.85757 (20122320) 501921.98
3635975.90 32.39420 (20122320)
502021.98 3635975.90 34.88413 (21012023) 502121.98
3635975.90 29.20871 (21012023)
505321.98 3635975.90 29.43224 (20091421) 505421.98
3635975.90 21.13703 (21012617)
505521.98 3635975.90 27.76013 (19102623) 505621.98
3635975.90 31.00088 (19102623)
505721.98 3635975.90 24.77960 (19102623) 501721.98
3636075.90 27.32900 (20122320)
501821.98 3636075.90 27.71320 (21012023) 501921.98
3636075.90 31.35993 (21012023)
502021.98 3636075.90 25.87748 (20122721) 502121.98
3636075.90 34.60601 (20122721)
502221.98 3636075.90 31.63152 (19031105) 502321.98
3636075.90 29.86568 (20040823)
502421.98 3636075.90 32.71870 (21121424) 502521.98
3636075.90 38.12484 (21121424)
502621.98 3636075.90 34.70770 (19112801) 502721.98
3636075.90 41.19316 (19121706)
502821.98 3636075.90 36.18131 (19121706) 502921.98
3636075.90 35.71520 (21100523)
503021.98 3636075.90 39.05784 (21021621) 503121.98
3636075.90 39.17184 (19050823)
503221.98 3636075.90 41.76795 (21100603) 503321.98
3636075.90 43.03767 (20120224)
503421.98 3636075.90 46.93215 (19072124) 503521.98
3636075.90 44.74673 (21021806)
503621.98 3636075.90 39.46459 (19051020) 503721.98
3636075.90 48.14758 (21041324)
503821.98 3636075.90 38.98835 (21031321) 503921.98

3636075.90       49.37268  (19072224)
        504021.98   3636075.90       45.53132  (19122420)                504121.98
3636075.90       38.82098  (21050322)
        504221.98   3636075.90       38.45827  (21120218)                504321.98
3636075.90       48.85475  (21013118)
        504421.98   3636075.90       36.28327  (19111019)                504521.98
3636075.90       35.33917  (20102221)
        504621.98   3636075.90       33.30171  (19060920)                504721.98
3636075.90       39.00056  (21121422)
        504821.98   3636075.90       35.12747  (21121422)                504921.98
3636075.90       32.48130  (21061321)
        505021.98   3636075.90       36.05023  (21090701)                505121.98
3636075.90       32.85393  (21090701)
        505221.98   3636075.90       34.69502  (21122618)                505321.98
3636075.90       33.13306  (21122618)
        505421.98   3636075.90       23.97341  (20091421)                505521.98
3636075.90       19.81543  (21012617)
        505621.98   3636075.90       24.77694  (19102623)                505721.98
3636075.90       28.11468  (19102623)
        501721.98   3636175.90       24.86552  (21012023)                501821.98
3636175.90       26.21676  (21012023)
        501921.98   3636175.90       24.67897  (20122721)                502021.98
3636175.90       31.90428  (20122721)
        502121.98   3636175.90       28.91102  (19031105)                502221.98
3636175.90       28.08883  (21101802)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKN    ***
                                 INCLUDING SOURCE(S):     L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3636175.90       29.32710  (21121424)                502421.98

3636175.90 35.64968 (21121424)
502521.98 3636175.90 29.71377 (19112801) 502621.98
3636175.90 34.98262 (19121706)
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3636175.90 32.71673 (21100523)
502921.98 3636175.90 35.44385 (21021621) 503021.98
3636175.90 35.94226 (21112718)
503121.98 3636175.90 37.64562 (19050823) 503221.98
3636175.90 40.41050 (21100603)
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3636175.90 43.14092 (19072124)
503521.98 3636175.90 40.99206 (19051001) 503621.98
3636175.90 38.29900 (19051020)
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3636175.90 38.45068 (21031321)
503921.98 3636175.90 45.77404 (19072224) 504021.98
3636175.90 38.78301 (19122420)
504121.98 3636175.90 36.97366 (19050321) 504221.98
3636175.90 36.98331 (21051124)
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3636175.90 31.50339 (19111019)
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3636175.90 29.45492 (19060406)
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3636175.90 30.06142 (21121422)
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3636175.90 29.81207 (19010920)
505121.98 3636175.90 33.76711 (21090701) 505221.98
3636175.90 30.88096 (21081602)
505321.98 3636175.90 34.11992 (21122618) 505421.98
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505521.98 3636175.90 25.05846 (20091421) 505621.98
3636175.90 18.97597 (20091421)
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3636275.90 21.90254 (21012023)
501821.98 3636275.90 22.62844 (20122721) 501921.98
3636275.90 29.16706 (20122721)
502021.98 3636275.90 26.61668 (19031105) 502121.98
3636275.90 26.27727 (21101802)
502221.98 3636275.90 26.32037 (19122519) 502321.98
3636275.90 33.91682 (21121424)
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3636275.90 32.35342 (19112801)
502621.98 3636275.90 37.15166 (19121706) 502721.98
3636275.90 29.07532 (20040204)
502821.98 3636275.90 30.99240 (20070104) 502921.98
3636275.90 33.73972 (21021621)
503021.98 3636275.90 32.23318 (19050823) 503121.98
3636275.90 34.48305 (19050823)
503221.98 3636275.90 35.14114 (21100603) 503321.98

3636275.90  39.68601  (20120224)
  503421.98  3636275.90  36.77334  (19072124)  503521.98
3636275.90  38.10831  (19051001)
  503621.98  3636275.90  36.65543  (19051020)  503721.98
3636275.90  40.91395  (19072223)
  503821.98  3636275.90  36.08595  (21031321)  503921.98
3636275.90  41.19059  (19072224)
  504021.98  3636275.90  37.53104  (19072224)  504121.98
3636275.90  33.45964  (19070422)
  504221.98  3636275.90  30.59588  (20050822)  504321.98
3636275.90  25.14569  (21013118)
  504421.98  3636275.90  27.20445  (21013118)  504521.98
3636275.90  23.07898  (21070321)
  504621.98  3636275.90  22.52559  (20102221)  504721.98
3636275.90  25.59592  (19110518)
  504821.98  3636275.90  24.04561  (19081721)  504921.98
3636275.90  28.67897  (19032022)
  505021.98  3636275.90  28.39111  (21061321)  505121.98
3636275.90  26.80281  (19010920)
  505221.98  3636275.90  32.06175  (21090701)  505321.98
3636275.90  30.33054  (21081602)
  505421.98  3636275.90  32.37899  (21122618)  505521.98
3636275.90  29.03698  (21122618)
  505621.98  3636275.90  24.19218  (20091421)  505721.98
3636275.90  18.53352  (20091421)
  501721.98  3636375.90  20.91345  (20122721)  501821.98
3636375.90  26.13660  (20122721)
  501921.98  3636375.90  24.32070  (19031105)  502021.98
3636375.90  24.51065  (21101802)



 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKN  ***
INCLUDING SOURCE(S):  L0000910  , L0000911 , L0000912  , L0000913  , L0000914  ,
  L0000915  , L0000916  , L0000917  , L0000918  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) |
|---|---|---|---|---|

```
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
```

3636475.90       27.47056  (20070104)
        502821.98   3636475.90       28.90373  (21021621)                502921.98
3636475.90       27.85141  (19070523)
        503021.98   3636475.90       30.28819  (19050823)                503121.98
3636475.90       30.36723  (21100603)
        503221.98   3636475.90       26.41846  (20120224)                503321.98
3636475.90       29.37941  (19072124)
        503421.98   3636475.90       28.96555  (20071122)                503521.98
3636475.90       30.01886  (19051001)
        503621.98   3636475.90       31.23840  (19051020)                503721.98
3636475.90       34.60040  (19072223)
        503821.98   3636475.90       30.20527  (21031321)                503921.98
3636475.90       30.94135  (19072224)
        504021.98   3636475.90       27.80858  (19072224)                504121.98
3636475.90       23.20211  (20020307)
        504221.98   3636475.90       24.08518  (19082724)                504321.98
3636475.90       21.41313  (21071621)
        504421.98   3636475.90       26.61651  (21013118)                504521.98
3636475.90       20.04002  (21070621)
        504621.98   3636475.90       19.88196  (21070321)                504721.98
3636475.90       19.50831  (21071021)
        504821.98   3636475.90       18.81338  (19060920)                504921.98
3636475.90       18.48254  (19112903)
        505021.98   3636475.90       23.63725  (21050522)                505121.98
3636475.90       22.59201  (21061321)
        505221.98   3636475.90       24.00530  (21061321)                505321.98
3636475.90       25.74751  (21090701)
        505421.98   3636475.90       28.13751  (21090701)                505521.98
3636475.90       26.27319  (21081602)
        505621.98   3636475.90       28.05893  (21122618)                505721.98
3636475.90       25.31557  (21122618)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 10.94515 | (19010119) | 502771.98 | 3633475.90 | 10.43760 | (19010119) |
| 502821.98 | 3633475.90 | 9.65351 | (19010119) | 502871.98 | 3633475.90 | 13.22279 | (21030103) |
| 502921.98 | 3633475.90 | 17.74359 | (21030103) | 502971.98 | 3633475.90 | 22.41155 | (21030103) |
| 503021.98 | 3633475.90 | 26.37521 | (21030103) | 503071.98 | 3633475.90 | 28.63307 | (21030103) |
| 503121.98 | 3633475.90 | 35.71961 | (20121603) | 503171.98 | 3633475.90 | 41.62917 | (20121603) |
| 503221.98 | 3633475.90 | 42.59623 | (20121603) | 503271.98 | 3633475.90 | 37.86528 | (20121603) |
| 503321.98 | 3633475.90 | 85.49457 | (20092124) | 503371.98 | 3633475.90 | 72.70223 | (20090205) |
| 503421.98 | 3633475.90 | 77.56468 | (20111701) | 503471.98 | 3633475.90 | 71.07854 | (20111701) |
| 503521.98 | 3633475.90 | 75.78968 | (19081924) | 503621.98 | 3633475.90 | 81.45549 | (19101521) |
| 503671.98 | 3633475.90 | 61.16445 | (19091221) | 503721.98 | 3633475.90 | 67.07387 | (21020203) |
| 503771.98 | 3633475.90 | 61.19187 | (20032924) | 503821.98 | 3633475.90 | 71.94065 | (20082921) |
| 503871.98 | 3633475.90 | 61.82976 | (20081802) | 503921.98 | 3633475.90 | 69.00624 | (20022622) |
| 503971.98 | 3633475.90 | 69.22283 | (21013120) | 504021.98 | 3633475.90 | 65.72733 | (19102905) |
| 504071.98 | 3633475.90 | 67.47722 | (20022403) | 504121.98 | 3633475.90 | 66.99517 | (21011620) |
| 504171.98 | 3633475.90 | 64.48870 | (21013021) | 504221.98 | 3633475.90 | 63.05865 | (21120723) |
| 504271.98 | 3633475.90 | 59.13891 | (20112022) | 504321.98 | 3633475.90 | 60.71226 | (21011323) |
| 504371.98 | 3633475.90 | 59.13295 | (20011902) | 504421.98 | 3633475.90 | 59.00081 | (19022705) |
| 504471.98 | 3633475.90 | 57.41613 | (20121007) | 504521.98 | 3633475.90 | 55.31404 | (19121906) |
| 504571.98 | 3633475.90 | 53.88573 | (19122301) | 504621.98 | 3633475.90 | 51.60826 | (20122923) |
| 504671.98 | 3633475.90 | 49.09574 | (21022502) | 504721.98 | 3633475.90 | 48.55243 | (21022502) |
| 502721.98 | 3633525.90 | 12.09069 | (19010119) | 502771.98 | 3633525.90 | 11.92560 | (19010119) |
| 502821.98 | 3633525.90 | 11.42530 | (19010119) | 502871.98 | 3633525.90 | 10.60800 | (19010119) |
| 502921.98 | 3633525.90 | 14.60429 | (21030103) | 502971.98 | | | |

3633525.90       19.72210  (21030103)
        503021.98   3633525.90       24.91851  (21030103)                503071.98
3633525.90       29.13091  (21030103)
        503121.98   3633525.90       32.01960  (20121603)                503171.98
3633525.90       40.93061  (20121603)
        503221.98   3633525.90       46.01733  (20121603)                503271.98
3633525.90       44.70220  (20121603)
        503321.98   3633525.90       37.68324  (21063005)                503371.98
3633525.90       86.83830  (20092124)
        503421.98   3633525.90       78.74834  (20111701)                503471.98
3633525.90       86.93322  (20111701)
        503521.98   3633525.90       87.02725  (19081924)                503621.98
3633525.90       92.78097  (19101521)
        503671.98   3633525.90       79.75215  (21090401)                503721.98
3633525.90       87.02594  (20050102)
        503771.98   3633525.90       72.77931  (20082921)                503821.98
3633525.90       82.74950  (20082921)
        503871.98   3633525.90       72.35474  (20081802)                503921.98
3633525.90       77.02872  (20022622)
        503971.98   3633525.90       73.83379  (21011302)                504021.98
3633525.90       71.41730  (19102905)
        504071.98   3633525.90       72.53723  (20022403)                504121.98
3633525.90       73.50483  (21013021)
        504171.98   3633525.90       70.44784  (20073022)                504221.98
3633525.90       68.96009  (20073020)
        504271.98   3633525.90       65.07955  (21011323)                504321.98
3633525.90       64.30787  (21010102)
        504371.98   3633525.90       61.00178  (19022705)                504421.98
3633525.90       62.57972  (21021820)
        504471.98   3633525.90       61.25834  (21011520)                504521.98
3633525.90       58.10851  (21010522)
        504571.98   3633525.90       55.70499  (20122923)                504621.98
3633525.90       52.14022  (21022502)
        504671.98   3633525.90       51.91467  (21022502)                504721.98
3633525.90       49.82008  (20021702)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                    INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 14.21181 | (21111004) | 502771.98 | 3633575.90 | 13.11430 | (19010119) |
| 502821.98 | 3633575.90 | 13.04714 | (19010119) | 502871.98 | 3633575.90 | 12.58345 | (19010119) |
| 502921.98 | 3633575.90 | 11.70484 | (19010119) | 502971.98 | 3633575.90 | 16.20983 | (21030103) |
| 503021.98 | 3633575.90 | 22.03518 | (21030103) | 503071.98 | 3633575.90 | 27.83610 | (21030103) |
| 503121.98 | 3633575.90 | 32.25492 | (21030103) | 503171.98 | 3633575.90 | 37.59757 | (20121603) |
| 503221.98 | 3633575.90 | 46.75292 | (20121603) | 503271.98 | 3633575.90 | 50.27697 | (20121603) |
| 503321.98 | 3633575.90 | 45.90105 | (20121603) | 503371.98 | 3633575.90 | 87.97319 | (20092124) |
| 503421.98 | 3633575.90 | 73.18934 | (20082723) | 503471.98 | 3633575.90 | 90.54412 | (20082723) |
| 503521.98 | 3633575.90 | 106.17976 | (19081924) | 503621.98 | 3633575.90 | 99.23190 | (19110606) |
| 503671.98 | 3633575.90 | 95.47880 | (21090401) | 503721.98 | 3633575.90 | 101.52990 | (20050102) |
| 503771.98 | 3633575.90 | 86.94578 | (21020203) | 503821.98 | 3633575.90 | 103.14077 | (20082921) |
| 503871.98 | 3633575.90 | 86.21317 | (20032501) | 503921.98 | 3633575.90 | 90.23968 | (20022622) |
| 503971.98 | 3633575.90 | 81.23274 | (21011302) | 504021.98 | 3633575.90 | 80.14419 | (21022205) |
| 504071.98 | 3633575.90 | 77.22863 | (21011620) | 504121.98 | 3633575.90 | 84.99423 | (21013021) |
| 504171.98 | 3633575.90 | 77.67154 | (21120723) | 504221.98 | 3633575.90 | 77.04031 | (20073020) |
| 504271.98 | 3633575.90 | 67.98484 | (21011323) | 504321.98 | 3633575.90 | 67.96457 | (20011902) |
| 504371.98 | 3633575.90 | 67.33589 | (21021820) | 504421.98 | 3633575.90 | 66.88170 | (21011520) |
| 504471.98 | 3633575.90 | 63.56470 | (21010522) | 504521.98 | 3633575.90 | 60.41864 | (20122923) |
| 504571.98 | 3633575.90 | 55.66771 | (21022502) | 504621.98 | 3633575.90 | 55.65770 | (21022502) |
| 504671.98 | 3633575.90 | 54.20160 | (20021702) | 504721.98 | 3633575.90 | 53.43207 | (20020804) |
| 502721.98 | 3633625.90 | 17.12906 | (21111004) | 502771.98 | | | |

3633625.90       16.10282  (21111004)
        502821.98   3633625.90       14.58146  (21111004)                502871.98
3633625.90       14.32165  (19010119)
        502921.98   3633625.90       13.88625  (19010119)                502971.98
3633625.90       12.98458  (19010119)
        503021.98   3633625.90       18.10226  (21030103)                503071.98
3633625.90       24.75803  (21030103)
        503121.98   3633625.90       31.23195  (21030103)                503171.98
3633625.90       35.84475  (21030103)
        503221.98   3633625.90       44.23537  (20121603)                503271.98
3633625.90       53.06791  (20121603)
        503321.98   3633625.90       53.98524  (20121603)                503371.98
3633625.90       45.69346  (20121603)
        503421.98   3633625.90       85.76342  (20092124)                503471.98
3633625.90       89.38311  (20082723)
        503521.98   3633625.90       96.54474  (19081924)                503621.98
3633625.90      106.18196  (19110606)
        503671.98   3633625.90      103.87211  (19101521)                503721.98
3633625.90      109.99098  (20050102)
        503771.98   3633625.90       96.11615  (20082503)                503821.98
3633625.90      116.26881  (20082921)
        503871.98   3633625.90       92.81252  (20032501)                503921.98
3633625.90       96.26455  (21013120)
        503971.98   3633625.90       93.22593  (19102905)                504021.98
3633625.90       91.65074  (20081021)
        504071.98   3633625.90       86.18299  (21013021)                504121.98
3633625.90       91.33448  (20073022)
        504171.98   3633625.90       89.44114  (20073020)                504221.98
3633625.90       84.05183  (21011323)
        504271.98   3633625.90       74.91745  (21010102)                504321.98
3633625.90       71.63585  (19022705)
        504371.98   3633625.90       70.33790  (21011520)                504421.98
3633625.90       68.32901  (21010522)
        504471.98   3633625.90       65.91341  (20122923)                504521.98
3633625.90       60.21756  (20100121)
        504571.98   3633625.90       59.63429  (21022502)                504621.98
3633625.90       58.76409  (20021702)
        504671.98   3633625.90       56.84869  (20020804)                504721.98
3633625.90       54.65695  (21012402)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                    INCLUDING SOURCE(S):     L0000919    , L0000920

, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633675.90       19.44800  (21111004)               502771.98
3633675.90       19.18030  (21111004)
        502821.98   3633675.90       18.27567  (21111004)               502871.98
3633675.90       16.74961  (21111004)
        502921.98   3633675.90       15.81151  (19010119)               502971.98
3633675.90       15.45427  (19010119)
        503021.98   3633675.90       14.50718  (19010119)               503071.98
3633675.90       20.32169  (21030103)
        503121.98   3633675.90       28.00734  (21030103)               503171.98
3633675.90       35.28615  (21030103)
        503221.98   3633675.90       39.96410  (21030103)               503271.98
3633675.90       52.03301  (20121603)
        503321.98   3633675.90       59.67265  (20121603)               503371.98
3633675.90       56.82486  (20121603)
        503421.98   3633675.90       49.38165  (21063005)               503471.98
3633675.90       53.47106  (20102407)
        503521.98   3633675.90       81.25821  (20111701)               503571.98
3633675.90      136.66710  (19081924)
        503671.98   3633675.90      115.75841  (19101521)               503721.98
3633675.90      118.25991  (20050102)
        503771.98   3633675.90      120.18398  (20082503)               503821.98
3633675.90      127.40357  (20082921)
        503871.98   3633675.90      103.88777  (19032124)               503921.98
3633675.90      111.65849  (21013120)
        503971.98   3633675.90      108.17631  (19102905)               504021.98
3633675.90      103.34240  (20081021)
        504071.98   3633675.90      107.50896  (21013021)               504121.98
3633675.90       99.41485  (21120723)
        504171.98   3633675.90       94.78090  (20073020)               504221.98
3633675.90       94.41237  (21010102)
        504271.98   3633675.90       87.61737  (20080120)               504321.98
3633675.90       75.31716  (20121007)
        504371.98   3633675.90       72.03377  (19121906)               504421.98
3633675.90       70.63766  (20122923)
        504471.98   3633675.90       65.26238  (20100121)               504521.98
3633675.90       64.60915  (19120104)
        504571.98   3633675.90       63.72068  (20021702)               504621.98

3633675.90       60.68200  (20020804)
        504671.98   3633675.90       58.77960  (21012402)                504721.98
3633675.90       56.90266  (20111118)
        502721.98   3633725.90       20.67856  (21111004)                502771.98
3633725.90       21.40733  (21111004)
        502821.98   3633725.90       21.47166  (21111004)                502871.98
3633725.90       20.80803  (21111004)
        502921.98   3633725.90       19.38070  (21111004)                502971.98
3633725.90       17.55280  (19010119)
        503021.98   3633725.90       17.24992  (19010119)                503071.98
3633725.90       16.28960  (19010119)
        503121.98   3633725.90       23.00289  (21030103)                503171.98
3633725.90       31.95039  (21030103)
        503221.98   3633725.90       40.13432  (21030103)                503271.98
3633725.90       46.62442  (20121603)
        503321.98   3633725.90       61.05422  (20121603)                503371.98
3633725.90       66.21527  (20121603)
        503421.98   3633725.90       57.91677  (20121603)                503471.98
3633725.90       55.63173  (20102407)
        503521.98   3633725.90       59.80968  (20102407)                503571.98
3633725.90      108.67661  (19081924)
        503721.98   3633725.90      146.58497  (21090401)                503771.98
3633725.90      140.04634  (20082503)
        503821.98   3633725.90      135.11554  (20082921)                503871.98
3633725.90      120.08930  (20022622)
        503921.98   3633725.90      124.24009  (21013120)                503971.98
3633725.90      117.92186  (19102905)
        504021.98   3633725.90      111.00267  (21011620)                504071.98
3633725.90      114.91686  (21013021)
        504121.98   3633725.90      110.24211  (20073020)                504171.98
3633725.90      109.46516  (21011323)
        504221.98   3633725.90      103.98443  (20011902)                504271.98
3633725.90      100.88670  (21021820)
        504321.98   3633725.90       82.05206  (19121906)                504371.98
3633725.90       76.25884  (19122301)
        504421.98   3633725.90       70.28725  (20100121)                504471.98
3633725.90       70.49531  (19120104)
        504521.98   3633725.90       69.32201  (20021702)                504571.98
3633725.90       66.10375  (20081803)
        504621.98   3633725.90       69.43885  (20081803)                504671.98
3633725.90       66.13224  (20111118)
        504721.98   3633725.90       60.60624  (20082222)                502721.98
3633775.90       20.44987  (21111004)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***

INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 22.20922 | (21111004) | 502821.98 | 3633775.90 | 23.46927 | (21111004) |
| 502871.98 | 3633775.90 | 24.03257 | (21111004) | 502921.98 | 3633775.90 | 23.75627 | (21111004) |
| 502971.98 | 3633775.90 | 22.47058 | (21111004) | 503021.98 | 3633775.90 | 20.17187 | (21111004) |
| 503071.98 | 3633775.90 | 19.44707 | (19010119) | 503121.98 | 3633775.90 | 18.45904 | (19010119) |
| 503171.98 | 3633775.90 | 26.26729 | (21030103) | 503221.98 | 3633775.90 | 36.77873 | (21030103) |
| 503271.98 | 3633775.90 | 45.95167 | (21030103) | 503321.98 | 3633775.90 | 56.76286 | (20121603) |
| 503371.98 | 3633775.90 | 71.18687 | (20121603) | 503421.98 | 3633775.90 | 71.77850 | (20121603) |
| 503471.98 | 3633775.90 | 60.77317 | (21063005) | 503771.98 | 3633775.90 | 165.32675 | (20082503) |
| 503821.98 | 3633775.90 | 143.45315 | (20082921) | 503871.98 | 3633775.90 | 140.93611 | (20022622) |
| 503921.98 | 3633775.90 | 134.50512 | (21011302) | 503971.98 | 3633775.90 | 125.89823 | (19121107) |
| 504021.98 | 3633775.90 | 130.31667 | (21013021) | 504071.98 | 3633775.90 | 131.24485 | (21120723) |
| 504121.98 | 3633775.90 | 121.14485 | (21011323) | 504171.98 | 3633775.90 | 123.75148 | (21010102) |
| 504221.98 | 3633775.90 | 117.15916 | (19022705) | 504271.98 | 3633775.90 | 109.21317 | (21011520) |
| 504321.98 | 3633775.90 | 91.94968 | (19122301) | 504371.98 | 3633775.90 | 83.66352 | (20080623) |
| 504421.98 | 3633775.90 | 78.84928 | (19120104) | 504471.98 | 3633775.90 | 79.24587 | (20081805) |
| 504521.98 | 3633775.90 | 83.27194 | (20081803) | 504571.98 | 3633775.90 | 83.18364 | (20081803) |
| 504621.98 | 3633775.90 | 77.46779 | (20111118) | 504671.98 | | | |

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3633775.90       75.36327  (21011418)
        504721.98   3633775.90       70.41443  (21011418)                502721.98
3633825.90       18.70392  (21111004)
        502771.98   3633825.90       21.27648  (21111004)                502821.98
3633825.90       23.66399  (21111004)
        502871.98   3633825.90       25.60883  (21111004)                502921.98
3633825.90       26.88855  (21111004)
        502971.98   3633825.90       27.13007  (21111004)                503021.98
3633825.90       26.13595  (21111004)
        503071.98   3633825.90       23.86123  (21111004)                503121.98
3633825.90       22.05650  (19010119)
        503171.98   3633825.90       21.13411  (19010119)                503221.98
3633825.90       30.31773  (21030103)
        503271.98   3633825.90       42.82146  (21030103)                503771.98
3633825.90      197.24142  (20082503)
        503821.98   3633825.90      172.22886  (20080822)                503871.98
3633825.90      159.74026  (20022622)
        503921.98   3633825.90      143.53782  (19102905)                503971.98
3633825.90      143.10676  (20022403)
        504021.98   3633825.90      156.27362  (21013021)                504071.98
3633825.90      135.61897  (19033021)
        504121.98   3633825.90      138.36676  (21011323)                504171.98
3633825.90      135.35384  (19022705)
        504221.98   3633825.90      130.95958  (21011520)                504271.98
3633825.90      121.16018  (19122301)
        504321.98   3633825.90      105.75999  (19022722)                504371.98
3633825.90      102.00543  (19120104)
        504421.98   3633825.90      105.81292  (20081805)                504471.98
3633825.90      101.63134  (20081803)
        504521.98   3633825.90       92.52138  (20111118)                504571.98
3633825.90       91.00308  (20082222)
        504621.98   3633825.90       88.46963  (21011418)                504671.98
3633825.90       76.61002  (21011418)
        504721.98   3633825.90       66.32738  (20081722)                502721.98
3633875.90       18.96184  (21012320)
        502771.98   3633875.90       18.67681  (21111004)                502821.98
3633875.90       21.81523  (21111004)
        502871.98   3633875.90       24.91300  (21111004)                502921.98
3633875.90       27.78330  (21111004)
        502971.98   3633875.90       29.90071  (21111004)                503021.98
3633875.90       30.94291  (21111004)
        503071.98   3633875.90       30.55160  (21111004)                503121.98
3633875.90       28.44859  (21111004)
        503171.98   3633875.90       25.24608  (19010119)                503221.98
3633875.90       24.44875  (19010119)
        503271.98   3633875.90       35.40044  (21030103)                503821.98
3633875.90      194.27623  (21082504)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 ,
L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 176.27900 | (20022622) | 503921.98 | 3633875.90 | 167.52759 | (19102905) |
| 503971.98 | 3633875.90 | 192.82727 | (20032321) | 504021.98 | 3633875.90 | 174.05803 | (19033021) |
| 504071.98 | 3633875.90 | 154.84810 | (21011323) | 504121.98 | 3633875.90 | 152.96269 | (20011902) |
| 504171.98 | 3633875.90 | 146.31148 | (21021820) | 504221.98 | 3633875.90 | 139.68591 | (21010522) |
| 504271.98 | 3633875.90 | 125.40709 | (20122923) | 504321.98 | 3633875.90 | 119.60151 | (19120104) |
| 504371.98 | 3633875.90 | 131.49171 | (20081805) | 504421.98 | 3633875.90 | 122.11574 | (20081803) |
| 504471.98 | 3633875.90 | 104.85713 | (20111118) | 504521.98 | 3633875.90 | 104.12571 | (20082222) |
| 504571.98 | 3633875.90 | 98.81810 | (21011418) | 504621.98 | 3633875.90 | 82.14693 | (21011022) |
| 504671.98 | 3633875.90 | 73.10960 | (21122302) | 504721.98 | 3633875.90 | 70.77307 | (21011724) |
| 502721.98 | 3633925.90 | 26.47098 | (21012320) | 502771.98 | 3633925.90 | 24.89946 | (21012320) |
| 502821.98 | 3633925.90 | 22.75364 | (21012320) | 502871.98 | 3633925.90 | 21.95273 | (21111004) |
| 502921.98 | 3633925.90 | 25.90294 | (21111004) | 502971.98 | 3633925.90 | 29.69190 | (21111004) |
| 503021.98 | 3633925.90 | 32.98577 | (21111004) | 503071.98 | 3633925.90 | 35.22304 | (21111004) |
| 503121.98 | 3633925.90 | 35.77290 | (21111004) | 503171.98 | 3633925.90 | 34.17982 | (21111004) |
| 503221.98 | 3633925.90 | 30.28988 | (21111004) | 503271.98 | | | |

3633925.90 28.59022 (19010119)
503821.98 3633925.90 208.07396 (21082504) 503871.98
3633925.90 194.19907 (21013120)
503921.98 3633925.90 187.07987 (21022205) 503971.98
3633925.90 207.81103 (20032321)
504021.98 3633925.90 207.10777 (19033021) 504071.98
3633925.90 169.51655 (21010102)
504121.98 3633925.90 166.84128 (21021820) 504171.98
3633925.90 156.89592 (21010522)
504221.98 3633925.90 152.35981 (21060824) 504271.98
3633925.90 154.88203 (20081805)
504321.98 3633925.90 172.61072 (20081805) 504371.98
3633925.90 152.90677 (20081803)
504421.98 3633925.90 130.88166 (20081603) 504471.98
3633925.90 120.87043 (20081603)
504521.98 3633925.90 102.51641 (21011418) 504571.98
3633925.90 89.76230 (21122302)
504621.98 3633925.90 83.93606 (21011724) 504671.98
3633925.90 78.05196 (21021921)
504721.98 3633925.90 72.79246 (21011221) 502721.98
3633975.90 32.71130 (21012320)
502771.98 3633975.90 32.64005 (21012320) 502821.98
3633975.90 31.82552 (21012320)
502871.98 3633975.90 30.32054 (21012320) 502921.98
3633975.90 27.89924 (21012320)
502971.98 3633975.90 26.25973 (21111004) 503021.98
3633975.90 31.24256 (21111004)
503071.98 3633975.90 36.00465 (21111004) 503121.98
3633975.90 39.86018 (21111004)
503171.98 3633975.90 41.92538 (21111004) 503221.98
3633975.90 41.34892 (21111004)
503271.98 3633975.90 37.60205 (21111004) 503821.98
3633975.90 207.39025 (21082504)
503871.98 3633975.90 208.04423 (21013120) 503921.98
3633975.90 138.50454 (21022105)
503971.98 3633975.90 176.77965 (21120723) 504021.98
3633975.90 186.10658 (21060903)
504071.98 3633975.90 182.51981 (19022705) 504121.98
3633975.90 172.85612 (21011520)
504171.98 3633975.90 181.83943 (21060824) 504221.98
3633975.90 198.37951 (20081805)
504271.98 3633975.90 210.09659 (20081805) 504321.98
3633975.90 185.88382 (20081803)
504371.98 3633975.90 163.17642 (20081603) 504421.98
3633975.90 134.52684 (20081603)
504471.98 3633975.90 109.91330 (20021024) 504521.98
3633975.90 98.03889 (21011724)
504571.98 3633975.90 91.34581 (21021921) 504621.98
3633975.90 84.18514 (21011221)
504671.98 3633975.90 78.11777 (20121406) 504721.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634025.90 100.52402 (21011221)
504571.98 3634025.90 92.04847 (20121406) 504621.98
3634025.90 81.57449 (20021723)
504671.98 3634025.90 76.50842 (19011606) 504721.98
3634025.90 72.12250 (20081804)
502721.98 3634075.90 33.46177 (21012320) 502771.98
3634075.90 36.89837 (21012320)
502821.98 3634075.90 40.38174 (21012320) 502871.98
3634075.90 43.70349 (21012320)
502921.98 3634075.90 46.39817 (21012320) 502971.98
3634075.90 48.18846 (21012320)
503021.98 3634075.90 48.83280 (21012320) 503071.98
3634075.90 47.70865 (21012320)
503121.98 3634075.90 44.59030 (21012320) 503171.98
3634075.90 40.36959 (21111004)
503221.98 3634075.90 49.21671 (21111004) 503271.98
3634075.90 57.03553 (21111004)
503871.98 3634075.90 204.63252 (21022105) 503921.98
3634075.90 175.68963 (20050805)
503971.98 3634075.90 191.98585 (21120804) 504021.98
3634075.90 214.80222 (21011520)
504071.98 3634075.90 203.29284 (20122923) 504121.98
3634075.90 283.78639 (20081805)
504171.98 3634075.90 311.47388 (20081803) 504221.98
3634075.90 290.58470 (20081603)
504271.98 3634075.90 238.67182 (20081603) 504321.98
3634075.90 166.34211 (20080121)
504371.98 3634075.90 144.32787 (21021921) 504421.98
3634075.90 127.11115 (21011221)
504471.98 3634075.90 111.47255 (20121406) 504521.98
3634075.90 98.67898 (20021723)
504571.98 3634075.90 90.98955 (20081804) 504621.98
3634075.90 82.59573 (19121305)
504671.98 3634075.90 77.54186 (19121305) 504721.98
3634075.90 70.66017 (19011923)
502721.98 3634125.90 27.11017 (21012320) 502771.98
3634125.90 31.07660 (21012320)
502821.98 3634125.90 35.63214 (21012320) 502871.98
3634125.90 40.66853 (21012320)
502921.98 3634125.90 45.79155 (21012320) 502971.98
3634125.90 50.96095 (21012320)
503021.98 3634125.90 55.90369 (21012320) 503071.98
3634125.90 59.84527 (21012320)
503121.98 3634125.90 62.25531 (21012320) 503171.98
3634125.90 62.32763 (21012320)
503221.98 3634125.90 59.03323 (21012320) 503271.98
3634125.90 52.66606 (21111004)
503921.98 3634125.90 234.47692 (21022020) 503971.98
3634125.90 222.47885 (21022623)
504021.98 3634125.90 198.71418 (21022802) 504071.98

3634125.90      299.34081  (20081805)
        504121.98   3634125.90      248.94152  (20081803)                504171.98
3634125.90      314.61315  (20081603)
        504221.98   3634125.90      225.36379  (20080121)                504271.98
3634125.90      219.33831  (20080721)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3634175.90      265.24407  (21021721)
        504021.98   3634175.90      230.02630  (20021603)              504071.98
3634175.90      205.75116  (21020424)
        504121.98   3634175.90      177.49120  (20021502)              504171.98
3634175.90      164.19246  (19012124)
        504221.98   3634175.90      209.18082  (21040622)              504271.98
3634175.90      212.75336  (21040622)
        504321.98   3634175.90      211.94506  (21081123)              504371.98
3634175.90      164.15871  (19121305)
        504421.98   3634175.90      122.32557  (20082223)              504471.98
3634175.90      105.79172  (19012803)
        504521.98   3634175.90       97.66330  (21121821)              504571.98
3634175.90       91.33750  (20121224)
        504621.98   3634175.90       85.21009  (20020703)              504671.98
3634175.90       79.39151  (20020703)
        504721.98   3634175.90       72.86234  (21022324)              502721.98
3634225.90       31.10871  (19083104)
        502771.98   3634225.90       33.26570  (19083104)              502821.98
3634225.90       35.53920  (19083104)
        502871.98   3634225.90       37.87050  (19083104)              502921.98
3634225.90       40.17764  (19083104)
        502971.98   3634225.90       42.52036  (19083104)              503021.98
3634225.90       44.84003  (19083104)
        503071.98   3634225.90       46.87575  (19083104)              503121.98
3634225.90       55.20330  (21012320)
        503171.98   3634225.90       66.97675  (21012320)              503221.98
3634225.90       80.38643  (21012320)
        503271.98   3634225.90       94.97529  (21012320)              504071.98
3634225.90      241.04448  (19012124)
        504121.98   3634225.90      203.87852  (21022221)              504171.98
3634225.90      177.87863  (21020122)
        504221.98   3634225.90      154.60614  (21020122)              504271.98
3634225.90      220.87295  (20081502)
        504321.98   3634225.90      223.45645  (20073101)              504371.98
3634225.90      148.24693  (21121821)
        504421.98   3634225.90      117.12789  (20121224)              504471.98
3634225.90      106.65216  (20020703)
        504521.98   3634225.90       91.52093  (21022324)              504571.98
3634225.90       91.78611  (21122121)
        504621.98   3634225.90       89.15337  (21122121)              504671.98
3634225.90       84.72719  (20121803)
        504721.98   3634225.90       80.22790  (20121803)              502721.98
3634275.90       28.65134  (19083104)
        502771.98   3634275.90       31.21603  (19083104)              502821.98
3634275.90       34.13602  (19083104)
        502871.98   3634275.90       37.45267  (19083104)              502921.98
3634275.90       40.93491  (19083104)
        502971.98   3634275.90       44.83876  (19083104)              503021.98
3634275.90       49.35279  (19083104)
        503071.98   3634275.90       54.22069  (19083104)              503121.98
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3634275.90       59.53148  (19083104)
        503171.98   3634275.90       65.28390  (19083104)                503221.98
3634275.90       71.29668  (19083104)
        503271.98   3634275.90       77.48476  (19083104)                504121.98
3634275.90      222.69426  (21010422)
        504171.98   3634275.90      187.59400  (21022220)                504221.98
3634275.90      258.95070  (20090623)
        504271.98   3634275.90      239.96795  (20080102)                504321.98
3634275.90      223.79822  (20081301)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        504371.98   3634275.90      164.19620  (21122121)                504421.98
3634275.90      127.88755  (20121803)
        504471.98   3634275.90      111.37767  (20121803)                504521.98
3634275.90      102.35207  (21122201)
        504571.98   3634275.90       94.79685  (19021906)                504621.98
3634275.90       88.88761  (19021906)
        504671.98   3634275.90       81.48465  (20031603)                504721.98
3634275.90       76.55929  (20031603)
        502721.98   3634325.90       23.31305  (20022619)                502771.98
3634325.90       24.90276  (20022619)
        502821.98   3634325.90       27.24555  (19083104)                502871.98
3634325.90       30.60617  (19083104)
        502971.98   3634325.90       37.90751  (19083104)                503021.98
3634325.90       42.65395  (19083104)
        503071.98   3634325.90       48.22489  (19083104)                503121.98
3634325.90       54.77707  (19083104)
        503171.98   3634325.90       62.65112  (19083104)                503221.98

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3634325.90       72.15767  (19083104)
        503271.98   3634325.90       83.81708  (19083104)                504171.98
3634325.90      193.72365  (21020307)
        504221.98   3634325.90      274.93845  (20073024)                504271.98
3634325.90      233.54766  (20073024)
        504321.98   3634325.90      223.48778  (20073024)                504371.98
3634325.90      176.04951  (20013123)
        504421.98   3634325.90      135.71346  (20013123)                504471.98
3634325.90      111.84855  (20013123)
        504521.98   3634325.90       98.93302  (20013123)                504571.98
3634325.90       94.20443  (21013019)
        504621.98   3634325.90       88.67322  (21013019)                504671.98
3634325.90       83.09984  (21013019)
        504721.98   3634325.90       77.67716  (21013019)                502721.98
3634375.90       32.64128  (21021102)
        502771.98   3634375.90       35.06894  (21021102)                502821.98
3634375.90       37.66350  (21021102)
        503021.98   3634375.90       52.87273  (21021102)                503071.98
3634375.90       58.36861  (21021102)
        503121.98   3634375.90       64.54424  (21021102)                503171.98
3634375.90       71.84308  (21021102)
        503221.98   3634375.90       80.83605  (21021102)                503271.98
3634375.90       91.92598  (21021102)
        504221.98   3634375.90      335.31145  (20082306)                504271.98
3634375.90      303.90774  (20082306)
        504321.98   3634375.90      267.83981  (20082306)                504371.98
3634375.90      219.95901  (20082306)
        504421.98   3634375.90      139.70786  (20082306)                504471.98
3634375.90      115.86530  (21021007)
        504521.98   3634375.90      108.47961  (21021007)                504571.98
3634375.90      101.11658  (21021007)
        504621.98   3634375.90       93.55048  (21021007)                504671.98
3634375.90       86.86057  (21021007)
        504721.98   3634375.90       80.94215  (21021007)                502721.98
3634425.90       39.01948  (21021102)
        502771.98   3634425.90       41.81188  (21021102)                502821.98
3634425.90       44.93261  (21021102)
        504271.98   3634425.90      135.52448  (21011518)                504321.98
3634425.90      185.42945  (20082304)
        504371.98   3634425.90      174.16691  (20082306)                504421.98
3634425.90      129.34983  (20041201)
        504471.98   3634425.90      109.00359  (20011720)                504521.98
3634425.90      102.48830  (20011720)
        504571.98   3634425.90       94.47847  (20011720)                504621.98
3634425.90       86.99647  (20011720)
        504671.98   3634425.90       80.73541  (20011720)                504721.98
3634425.90       75.15238  (20011720)
        502721.98   3634475.90       38.33025  (21021102)                502771.98
3634475.90       40.68088  (21021102)
        502821.98   3634475.90       43.14318  (21021102)                504321.98
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3634475.90      104.81906  (21101422)
        504371.98   3634475.90      118.20994  (21090306)                504421.98
3634475.90      135.95168  (20041201)
        504471.98   3634475.90      138.86757  (20041201)                504521.98
3634475.90      120.76444  (20041201)
        504571.98   3634475.90      109.62135  (20041201)                504621.98
3634475.90      100.36512  (20041201)
        504671.98   3634475.90       84.06113  (20041201)                504721.98
3634475.90       70.66458  (20041201)
        502721.98   3634525.90       30.72149  (21021102)                502771.98
3634525.90       31.65105  (21021102)
        504371.98   3634525.90       97.66065  (21020220)                504421.98
3634525.90       87.09431  (21020220)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                    INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634575.90 97.79317 (20081806)
504721.98 3634575.90 91.57137 (20081806) 502721.98
3634625.90 34.62501 (19050903)
502771.98 3634625.90 36.98125 (19050903) 502821.98
3634625.90 39.31030 (19050903)
502871.98 3634625.90 41.36698 (19050903) 502921.98
3634625.90 43.05187 (19050903)
502971.98 3634625.90 44.23088 (19050903) 503021.98
3634625.90 44.67439 (19050903)
503071.98 3634625.90 44.14024 (19050903) 503121.98
3634625.90 44.75592 (20021724)
504471.98 3634625.90 54.36074 (20082303) 504521.98
3634625.90 53.10089 (21020220)
504571.98 3634625.90 53.85658 (21020220) 504621.98
3634625.90 109.70370 (20082303)
504671.98 3634625.90 92.10296 (20082303) 504721.98
3634625.90 83.15959 (21012820)
502721.98 3634675.90 32.45711 (19050903) 502771.98
3634675.90 33.21076 (19050903)
502821.98 3634675.90 33.59892 (19050903) 502871.98
3634675.90 33.46010 (19050903)
502921.98 3634675.90 32.71766 (19050903) 502971.98
3634675.90 31.78690 (19120120)
503021.98 3634675.90 39.41250 (20021724) 503071.98
3634675.90 48.26386 (20021724)
503121.98 3634675.90 58.28987 (21011719) 503171.98
3634675.90 83.05410 (21011719)
503221.98 3634675.90 106.06837 (21011719) 503271.98
3634675.90 116.31820 (21011719)
503321.98 3634675.90 106.15090 (20022207) 503371.98
3634675.90 130.73000 (20022207)
503421.98 3634675.90 138.87127 (21012023) 503471.98
3634675.90 142.21286 (21012023)
503521.98 3634675.90 153.02781 (20040823) 504521.98
3634675.90 37.10702 (20082303)
504571.98 3634675.90 40.05981 (20082303) 504621.98
3634675.90 41.07655 (20082303)
504671.98 3634675.90 40.39759 (20082303) 504721.98
3634675.90 97.35551 (20082303)
502721.98 3634725.90 26.04733 (19050903) 502771.98
3634725.90 25.32122 (19050903)
502821.98 3634725.90 24.70209 (19120120) 502871.98
3634725.90 28.78725 (20021724)
502921.98 3634725.90 34.86226 (20021724) 502971.98
3634725.90 41.44609 (20021724)
503021.98 3634725.90 49.73586 (21011719) 503071.98
3634725.90 67.75998 (21011719)
503121.98 3634725.90 84.35194 (21011719) 503171.98
3634725.90 93.08356 (21011719)
503221.98 3634725.90 88.13378 (21011719) 503271.98

3634725.90       97.17294  (20022207)
        503321.98   3634725.90      109.14643  (20022207)                503371.98
3634725.90      115.55117  (21012023)
        503421.98   3634725.90      112.23908  (21012023)                503471.98
3634725.90      124.57739  (20040823)
        503521.98   3634725.90      136.50123  (21121424)                503571.98
3634725.90      145.68265  (19121706)
        503621.98   3634725.90      119.69036  (19020322)                504571.98
3634725.90       22.80510  (20082303)
        504621.98   3634725.90       26.67896  (20082303)                504671.98
3634725.90       29.73950  (20082303)
        504721.98   3634725.90       31.69176  (20082303)                502721.98
3634775.90       22.04984  (19120120)
        502771.98   3634775.90       26.17173  (20021724)                502821.98
3634775.90       30.96724  (20021724)
        502871.98   3634775.90       35.99358  (20021724)                502921.98
3634775.90       43.04896  (21011719)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634775.90 103.59533 (20040823)
503471.98 3634775.90 113.99749 (21121424) 503521.98
3634775.90 119.97195 (19121706)
503571.98 3634775.90 107.90307 (19121706) 503621.98
3634775.90 100.13362 (19020322)
503671.98 3634775.90 138.52496 (20120224) 503721.98
3634775.90 162.35815 (21021806)
503771.98 3634775.90 173.83651 (21012024) 503821.98
3634775.90 122.85677 (21012024)
504621.98 3634775.90 14.46910 (20092620) 504671.98
3634775.90 16.57657 (20082303)
504721.98 3634775.90 19.64289 (20082303) 502721.98
3634825.90 27.69669 (20021724)
502771.98 3634825.90 31.61688 (20021724) 502821.98
3634825.90 37.70725 (21011719)
502871.98 3634825.90 48.40678 (21011719) 502921.98
3634825.90 58.09281 (21011719)
502971.98 3634825.90 64.14281 (21011719) 503021.98
3634825.90 63.98603 (21011719)
503071.98 3634825.90 56.52208 (21011719) 503121.98
3634825.90 68.63248 (20022207)
503171.98 3634825.90 76.03117 (20022207) 503221.98
3634825.90 76.56515 (21012023)
503271.98 3634825.90 82.40628 (21012023) 503321.98
3634825.90 76.27005 (20040823)
503371.98 3634825.90 87.78679 (20040823) 503421.98
3634825.90 96.20748 (21121424)
503471.98 3634825.90 97.35552 (19121706) 503521.98
3634825.90 100.33822 (19121706)
503571.98 3634825.90 86.20992 (19020322) 503621.98
3634825.90 92.68529 (20120224)
503671.98 3634825.90 121.31601 (20120224) 503721.98
3634825.90 137.40409 (21021806)
503771.98 3634825.90 148.99342 (21012024) 503821.98
3634825.90 109.13087 (21012024)
503871.98 3634825.90 80.55140 (21041323) 503921.98
3634825.90 115.26300 (21013118)
504671.98 3634825.90 14.68400 (21071520) 504721.98
3634825.90 12.27262 (20092620)
502721.98 3634875.90 33.35263 (21011719) 502771.98
3634875.90 41.93397 (21011719)
502821.98 3634875.90 49.68608 (21011719) 502871.98
3634875.90 54.77686 (21011719)
502921.98 3634875.90 55.46015 (21011719) 502971.98
3634875.90 50.73789 (21011719)
503021.98 3634875.90 54.68492 (20022207) 503071.98
3634875.90 62.92599 (20022207)
503121.98 3634875.90 66.39740 (20022207) 503171.98
3634875.90 68.27747 (21012023)
503221.98 3634875.90 70.80696 (21012023) 503271.98

3634875.90       66.47432  (20040823)
        503321.98   3634875.90       75.64895  (20040823)                503371.98
3634875.90       82.14808  (21121424)
        503421.98   3634875.90       79.94679  (21121424)                503471.98
3634875.90       89.30462  (19121706)
        503521.98   3634875.90       74.26483  (19121706)                503571.98
3634875.90       74.29877  (19020322)
        503621.98   3634875.90       92.29466  (20120224)                503671.98
3634875.90      109.35662  (21021806)
        503721.98   3634875.90      116.39564  (21021806)                503771.98
3634875.90      129.26522  (21012024)
        503821.98   3634875.90       96.38270  (21012024)                503871.98
3634875.90       72.01356  (21041323)
        503921.98   3634875.90      167.03735  (21060422)                504721.98
3634875.90       15.29555  (21071520)
        502721.98   3634925.90       43.11436  (21011719)                502771.98
3634925.90       47.46804  (21011719)
        502821.98   3634925.90       48.56200  (21011719)                502871.98
3634925.90       45.57074  (21011719)
        502921.98   3634925.90       44.02449  (20022207)                502971.98
3634925.90       51.84779  (20022207)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634925.90 66.16262 (20040823)
503321.98 3634925.90 70.87955 (21121424) 503371.98
3634925.90 71.87422 (21121424)
503421.98 3634925.90 77.68551 (19121706) 503471.98
3634925.90 72.70155 (19121706)
503521.98 3634925.90 65.30124 (19020322) 503571.98
3634925.90 61.47518 (19020322)
503621.98 3634925.90 88.04582 (20120224) 503671.98
3634925.90 101.64270 (21021806)
503721.98 3634925.90 98.80912 (21021806) 503771.98
3634925.90 144.97369 (21012024)
503821.98 3634925.90 137.53865 (19013104) 503871.98
3634925.90 195.33559 (19122420)
502721.98 3634975.90 42.91507 (21011719) 502771.98
3634975.90 41.06247 (21011719)
502821.98 3634975.90 36.12777 (21011719) 502871.98
3634975.90 42.83476 (20022207)
502921.98 3634975.90 48.43018 (20022207) 502971.98
3634975.90 51.18752 (20022207)
503021.98 3634975.90 50.20876 (21012023) 503071.98
3634975.90 54.69926 (21012023)
503121.98 3634975.90 53.70299 (21012023) 503171.98
3634975.90 52.10080 (20040823)
503221.98 3634975.90 58.40237 (20040823) 503271.98
3634975.90 61.74475 (21121424)
503321.98 3634975.90 64.60480 (21121424) 503371.98
3634975.90 66.75350 (19121706)
503421.98 3634975.90 68.19526 (19121706) 503471.98
3634975.90 54.89320 (19020322)
503521.98 3634975.90 58.11781 (19020322) 503571.98
3634975.90 62.78745 (20120224)
503621.98 3634975.90 81.47583 (20120224) 503671.98
3634975.90 93.37136 (21021806)
503721.98 3634975.90 129.88572 (19101219) 503771.98
3634975.90 171.94276 (20071102)
503821.98 3634975.90 150.02291 (21061222) 503871.98
3634975.90 161.26011 (19122420)
502721.98 3635025.90 33.55260 (21011719) 502771.98
3635025.90 35.60093 (20022207)
502821.98 3635025.90 41.03141 (20022207) 502871.98
3635025.90 44.77524 (20022207)
502921.98 3635025.90 45.84694 (20022207) 502971.98
3635025.90 46.37653 (21012023)
503021.98 3635025.90 49.13484 (21012023) 503071.98
3635025.90 47.29170 (21012023)
503121.98 3635025.90 46.90629 (20040823) 503171.98
3635025.90 52.26915 (20040823)
503221.98 3635025.90 54.27667 (21121424) 503271.98
3635025.90 58.11401 (21121424)
503321.98 3635025.90 56.95668 (19121706) 503371.98

3635025.90       62.25776  (19121706)
        503421.98   3635025.90       54.80817  (19121706)                503471.98
3635025.90       51.93311  (19020322)
        503521.98   3635025.90       49.90114  (19020322)                503571.98
3635025.90       63.40808  (20120224)
        503621.98   3635025.90       73.72148  (20120224)                503671.98
3635025.90       84.77269  (21021806)
        503721.98   3635025.90      156.58357  (19101219)                503771.98
3635025.90      155.08119  (20071102)
        503821.98   3635025.90      121.43281  (21061222)                504371.98
3635025.90       45.81531  (20011620)
        502721.98   3635075.90       34.79210  (20022207)                502771.98
3635075.90       38.82140  (20022207)
        502821.98   3635075.90       41.08429  (20022207)                502871.98
3635075.90       40.91216  (20022207)
        502921.98   3635075.90       42.77724  (21012023)                502971.98
3635075.90       44.27820  (21012023)
        503021.98   3635075.90       41.93236  (21012023)                503071.98
3635075.90       42.47043  (20040823)
        503121.98   3635075.90       47.06498  (20040823)                503171.98
3635075.90       48.06229  (21121424)
        503221.98   3635075.90       52.40037  (21121424)                503271.98
3635075.90       49.07138  (21121424)
        503321.98   3635075.90       55.81836  (19121706)                503371.98
3635075.90       53.27602  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635075.90 47.19262 (19020322)
503521.98 3635075.90 43.95987 (20120224) 503571.98
3635075.90 62.00282 (20120224)
503621.98 3635075.90 66.92502 (21021806) 503671.98
3635075.90 76.76682 (21021806)
503721.98 3635075.90 132.73871 (19101219) 503771.98
3635075.90 142.76218 (20071102)
503821.98 3635075.90 107.91950 (19072224) 504371.98
3635075.90 45.94469 (20011620)
504421.98 3635075.90 40.54611 (20011620) 504471.98
3635075.90 39.83162 (21012617)
504521.98 3635075.90 41.44764 (21012617) 502721.98
3635125.90 36.40412 (20022207)
502771.98 3635125.90 37.50718 (20022207) 502821.98
3635125.90 36.44805 (20022207)
502871.98 3635125.90 39.44645 (21012023) 502921.98
3635125.90 40.04252 (21012023)
502971.98 3635125.90 37.40605 (21012023) 503021.98
3635125.90 38.70963 (20040823)
503071.98 3635125.90 42.68479 (20040823) 503121.98
3635125.90 42.84948 (21121424)
503171.98 3635125.90 47.38837 (21121424) 503221.98
3635125.90 45.77043 (21121424)
503271.98 3635125.90 49.49991 (19121706) 503321.98
3635125.90 50.33157 (19121706)
503371.98 3635125.90 42.57931 (19121706) 503421.98
3635125.90 42.64104 (19020322)
503471.98 3635125.90 41.53393 (19020322) 503521.98
3635125.90 46.14107 (20120224)
503571.98 3635125.90 59.01096 (20120224) 503621.98
3635125.90 64.34105 (21021806)
503671.98 3635125.90 94.36398 (21081004) 503721.98
3635125.90 133.80563 (19101219)
503771.98 3635125.90 122.66901 (20071102) 503821.98
3635125.90 96.52772 (19072224)
504371.98 3635125.90 42.24261 (20011620) 504421.98
3635125.90 41.23124 (20011620)
504471.98 3635125.90 36.16386 (20011620) 504521.98
3635125.90 36.03301 (21012617)
504571.98 3635125.90 37.60761 (21012617) 502721.98
3635175.90 34.12885 (20022207)
502771.98 3635175.90 34.05580 (21012023) 502821.98
3635175.90 36.38338 (21012023)
502871.98 3635175.90 36.30348 (21012023) 502921.98
3635175.90 33.54830 (21012023)
502971.98 3635175.90 35.47816 (20040823) 503021.98
3635175.90 38.95268 (20040823)
503071.98 3635175.90 39.20941 (20040823) 503121.98
3635175.90 42.99624 (21121424)
503171.98 3635175.90 42.60296 (21121424) 503221.98

3635175.90       43.61231  (19121706)
        503271.98   3635175.90       46.65973  (19121706)                503321.98
3635175.90       42.43231  (19121706)
        503371.98   3635175.90       37.34266  (19020322)                503421.98
3635175.90       39.31567  (19020322)
        503471.98   3635175.90       35.65743  (19020322)                503521.98
3635175.90       46.91022  (20120224)
        503571.98   3635175.90       55.17711  (20120224)                503621.98
3635175.90       72.53753  (21021806)
        503671.98   3635175.90      104.07992  (21081004)                503721.98
3635175.90      117.49611  (19101219)
        503771.98   3635175.90      104.35065  (19072223)                503821.98
3635175.90       90.05138  (21031321)
        504371.98   3635175.90       36.10127  (20011620)                504421.98
3635175.90       38.72962  (20011620)
        504471.98   3635175.90       37.24106  (20011620)                504521.98
3635175.90       32.48397  (20011620)
        504571.98   3635175.90       32.76804  (21012617)                504621.98
3635175.90       34.33761  (21012617)
        502721.98   3635225.90       32.04225  (21012023)                502771.98
3635225.90       33.61382  (21012023)
        502821.98   3635225.90       33.05709  (21012023)                502871.98
3635225.90       30.23263  (21012023)
        502921.98   3635225.90       32.66746  (20040823)                502971.98
3635225.90       35.74126  (20040823)
        503021.98   3635225.90       36.10795  (20040823)                503071.98
3635225.90       39.14226  (21121424)
        503121.98   3635225.90       39.59880  (21121424)                503171.98
3635225.90       38.30662  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)

```
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3635325.90       32.73394  (21121424)
        503021.98   3635325.90       34.16415  (21121424)                503071.98
3635325.90       32.23764  (21121424)
        503121.98   3635325.90       34.79152  (19121706)                503171.98
3635325.90       36.68789  (19121706)
        503221.98   3635325.90       34.08960  (19121706)                503271.98
3635325.90       27.80024  (19020322)
        503321.98   3635325.90       30.71768  (19020322)                503371.98
3635325.90       30.40459  (19020322)
        503421.98   3635325.90       26.73247  (19020322)                503471.98
3635325.90       36.47991  (20120224)
        503521.98   3635325.90       43.25991  (20120224)                503571.98
3635325.90       45.12118  (21021806)
        503621.98   3635325.90       69.12520  (21021806)                504371.98
3635325.90       17.88946  (20040223)
        504421.98   3635325.90       22.18573  (20011620)                504471.98
3635325.90       27.09659  (20011620)
        504521.98   3635325.90       29.97116  (20011620)                504571.98
3635325.90       30.26974  (20011620)
        504621.98   3635325.90       28.14961  (20011620)                504671.98
3635325.90       24.32618  (20011620)
        504721.98   3635325.90       25.51442  (21012617)                502721.98
3635375.90       22.80811  (20040823)
        502771.98   3635375.90       42.20203  (20070801)                502821.98
3635375.90       41.85722  (20040823)
        502871.98   3635375.90       49.71126  (20070802)                502921.98
3635375.90       47.89998  (21121424)
        502971.98   3635375.90       31.77669  (21121424)                503021.98
3635375.90       50.00709  (19091321)
        503071.98   3635375.90       62.59488  (20042421)                503121.98
3635375.90       34.00870  (19121706)
        503171.98   3635375.90       33.05524  (19121706)                503221.98
3635375.90       28.35297  (19121706)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 27.60740 | (19020322) | 503321.98 | 3635375.90 | 28.86841 | (19020322) |
| 503371.98 | 3635375.90 | 27.14320 | (19020322) | 503421.98 | 3635375.90 | 27.42582 | (20120224) |
| 503471.98 | 3635375.90 | 36.50969 | (20120224) | 503521.98 | 3635375.90 | 40.81312 | (20120224) |
| 503571.98 | 3635375.90 | 43.88743 | (21021806) | 503621.98 | 3635375.90 | 47.36590 | (21021806) |
| 503671.98 | 3635375.90 | 75.73513 | (21081004) | 503721.98 | 3635375.90 | 88.18240 | (19101219) |
| 504371.98 | 3635375.90 | 14.40321 | (20040223) | 504421.98 | 3635375.90 | 17.60629 | (20040223) |
| 504471.98 | 3635375.90 | 21.96500 | (20011620) | 504521.98 | 3635375.90 | 26.00677 | (20011620) |
| 504571.98 | 3635375.90 | 28.12962 | (20011620) | 504621.98 | 3635375.90 | 27.98700 | (20011620) |
| 504671.98 | 3635375.90 | 25.83860 | (20011620) | 504721.98 | 3635375.90 | 22.30773 | (20011620) |
| 502721.98 | 3635425.90 | 32.80643 | (20122721) | 502771.98 | 3635425.90 | 40.34456 | (20070801) |
| 502821.98 | 3635425.90 | 49.15944 | (20070802) | 502871.98 | 3635425.90 | 51.94247 | (20070802) |
| 502921.98 | 3635425.90 | 52.10928 | (20111121) | 502971.98 | 3635425.90 | 56.93577 | (19091321) |
| 503021.98 | 3635425.90 | 59.03625 | (20042421) | 503071.98 | 3635425.90 | 63.74192 | (20042421) |
| 503121.98 | 3635425.90 | 31.61345 | (19121706) | 503171.98 | 3635425.90 | 28.48511 | (19121706) |
| 503221.98 | 3635425.90 | 24.37180 | (19020322) | 503271.98 | 3635425.90 | 26.63999 | (19020322) |
| 503321.98 | 3635425.90 | 26.51805 | (19020322) | 503371.98 | 3635425.90 | 23.82207 | (19020322) |
| 503421.98 | 3635425.90 | 28.63484 | (20120224) | 503471.98 | 3635425.90 | 35.88022 | (20120224) |
| 503521.98 | 3635425.90 | 38.04565 | (20120224) | 503571.98 | 3635425.90 | 42.28438 | (21021806) |
| 503621.98 | 3635425.90 | 43.96365 | (21021806) | 503671.98 | 3635425.90 | 71.59245 | (19101219) |
| 503721.98 | 3635425.90 | 80.13167 | (19101219) | 503771.98 | 3635425.90 | 85.16849 | (20071102) |
| 503821.98 | 3635425.90 | 66.30271 | (20071102) | 504371.98 | 3635425.90 | 11.34008 | (20040223) |
| 504421.98 | 3635425.90 | 14.51173 | (20040223) | 504471.98 | | | |

3635425.90       17.17706  (20040223)
        504521.98   3635425.90       21.57474  (20011620)                504571.98
3635425.90       24.87445  (20011620)
        504621.98   3635425.90       26.38266  (20011620)                504671.98
3635425.90       25.94157  (20011620)
        504721.98   3635425.90       23.80717  (20011620)                502721.98
3635475.90       36.52809  (20040823)
        502771.98   3635475.90       45.59669  (20070802)                502821.98
3635475.90       48.76771  (20070802)
        502871.98   3635475.90       49.28472  (20111121)                502921.98
3635475.90       52.87055  (19091321)
        502971.98   3635475.90       55.36394  (19071423)                503021.98
3635475.90       62.06917  (20042421)
        503071.98   3635475.90       52.79123  (20042421)                503121.98
3635475.90       28.11841  (19121706)
        503171.98   3635475.90       23.63574  (19121706)                503221.98
3635475.90       24.18184  (19020322)
        503271.98   3635475.90       25.21583  (19020322)                503321.98
3635475.90       23.98170  (19020322)
        503371.98   3635475.90       21.26950  (20120224)                503421.98
3635475.90       29.32117  (20120224)
        503471.98   3635475.90       34.79995  (20120224)                503521.98
3635475.90       35.21715  (20120224)
        503571.98   3635475.90       49.53045  (21021806)                503621.98
3635475.90       48.74983  (21021806)
        503671.98   3635475.90       59.79034  (19101219)                503721.98
3635475.90       61.86124  (19101219)
        503771.98   3635475.90       77.95944  (20071102)                503821.98
3635475.90       61.78258  (20071102)
        503871.98   3635475.90       67.61330  (21061222)                503921.98
3635475.90       83.62019  (19122420)
        504371.98   3635475.90       10.19283  (19031219)                504421.98
3635475.90       11.71158  (20040223)
        504471.98   3635475.90       14.47483  (20040223)                504521.98
3635475.90       17.23409  (20011620)
        504571.98   3635475.90       21.06936  (20011620)                504621.98
3635475.90       23.73038  (20011620)



                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 24.76677 | (20011620) | 504721.98 | 3635475.90 | 41.81227 | (21090701) |
| 502221.98 | 3632975.90 | 5.29498 | (19010119) | 502271.98 | 3632975.90 | 4.93106 | (19010119) |
| 502321.98 | 3632975.90 | 4.51791 | (21030103) | 502371.98 | 3632975.90 | 5.94575 | (21030103) |
| 502421.98 | 3632975.90 | 7.62808 | (21030103) | 502471.98 | 3632975.90 | 9.49425 | (21030103) |
| 502521.98 | 3632975.90 | 11.41185 | (21030103) | 502571.98 | 3632975.90 | 13.20665 | (21030103) |
| 502621.98 | 3632975.90 | 14.65755 | (21030103) | 502671.98 | 3632975.90 | 15.54067 | (21030103) |
| 502721.98 | 3632975.90 | 16.34387 | (20121603) | 502771.98 | 3632975.90 | 19.70100 | (20121603) |
| 502821.98 | 3632975.90 | 32.60030 | (21031822) | 502871.98 | 3632975.90 | 40.58439 | (20121603) |
| 502921.98 | 3632975.90 | 38.10119 | (20121603) | 502971.98 | 3632975.90 | 35.08975 | (20092123) |
| 503021.98 | 3632975.90 | 40.51782 | (20090205) | 503071.98 | 3632975.90 | 51.98872 | (20090205) |
| 503121.98 | 3632975.90 | 44.76517 | (20090205) | 503171.98 | 3632975.90 | 40.88265 | (20102407) |
| 503221.98 | 3632975.90 | 43.35149 | (20082723) | 503271.98 | 3632975.90 | 43.56466 | (20111701) |
| 503321.98 | 3632975.90 | 46.45585 | (19081924) | 503371.98 | 3632975.90 | 56.23416 | (19081924) |
| 503421.98 | 3632975.90 | 47.32701 | (19081924) | 503471.98 | 3632975.90 | 52.06680 | (19110606) |
| 503621.98 | 3632975.90 | 45.98961 | (20050102) | 503671.98 | 3632975.90 | 49.28582 | (20050102) |
| 503721.98 | 3632975.90 | 47.61632 | (21020203) | 503771.98 | 3632975.90 | 38.15963 | (20082921) |
| 503821.98 | 3632975.90 | 42.17356 | (20082921) | 503871.98 | 3632975.90 | 37.08261 | (20110207) |
| 503921.98 | 3632975.90 | 34.21690 | (20082519) | 503971.98 | 3632975.90 | 40.93140 | (19032124) |
| 504021.98 | 3632975.90 | 42.53882 | (20022622) | 504071.98 | 3632975.90 | 42.44974 | (21013120) |
| 504121.98 | 3632975.90 | 37.17731 | (21011302) | 504171.98 | | | |

3632975.90       39.84087  (19102905)
        504221.98   3632975.90       40.81282  (19121107)                504271.98
3632975.90       39.46120  (20022403)
        504321.98   3632975.90       39.30215  (21011620)                504371.98
3632975.90       38.78215  (21013021)
        504421.98   3632975.90       38.06334  (20042404)                504471.98
3632975.90       36.49232  (20112701)
        504521.98   3632975.90       36.43449  (20101423)                504571.98
3632975.90       36.15273  (21022020)
        504621.98   3632975.90       35.73589  (21011323)                504671.98
3632975.90       35.82557  (21010102)
        504721.98   3632975.90       34.51576  (20011902)                504771.98
3632975.90       34.56446  (19022705)
        504821.98   3632975.90       34.02207  (21021820)                504871.98
3632975.90       33.07371  (21011520)
        504921.98   3632975.90       31.77202  (19121906)                504971.98
3632975.90       31.77809  (21010522)
        505021.98   3632975.90       30.96507  (19122301)                505071.98
3632975.90       30.12554  (20122923)
        505121.98   3632975.90       28.18050  (20100121)                505171.98
3632975.90       29.15974  (21022502)
        505221.98   3632975.90       29.01105  (21022502)                502221.98
3633025.90        5.92113  (19010119)
        502271.98   3633025.90        5.63778  (19010119)                502321.98
3633025.90        5.25412  (19010119)
        502371.98   3633025.90        4.81471  (19010119)                502421.98
3633025.90        6.36445  (21030103)
        502471.98   3633025.90        8.19230  (21030103)                502521.98
3633025.90       10.21514  (21030103)
        502571.98   3633025.90       12.28012  (21030103)                502621.98
3633025.90       14.17331  (21030103)
        502671.98   3633025.90       15.64085  (21030103)                502721.98
3633025.90       16.44318  (21030103)
        502771.98   3633025.90       18.21547  (20121603)                502821.98
3633025.90       35.80533  (21031822)
        502871.98   3633025.90       41.25398  (21031822)                502921.98
3633025.90       42.50822  (20121603)
        502971.98   3633025.90       35.35645  (20092123)                503021.98
3633025.90       38.23633  (20090205)
        503071.98   3633025.90       52.38324  (20090205)                503121.98
3633025.90       45.59202  (20092124)


                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  FORKS    ***
                                INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503171.98   3633025.90       39.48371  (20102407)               503221.98
3633025.90       45.65629  (20082723)
        503271.98   3633025.90       45.15082  (20111701)               503321.98
3633025.90       44.45956  (19050103)
        503371.98   3633025.90       57.69825  (19081924)               503421.98
3633025.90       49.47886  (19081924)
        503471.98   3633025.90       52.90068  (19110606)               503621.98
3633025.90       45.02124  (20050102)
        503671.98   3633025.90       51.07523  (20050102)               503721.98
3633025.90       50.62126  (21020203)
        503771.98   3633025.90       38.43330  (20032924)               503821.98
3633025.90       42.83034  (20110207)
        503871.98   3633025.90       38.13714  (20110207)               503921.98
3633025.90       37.20001  (20082519)
        503971.98   3633025.90       43.42075  (19032124)               504021.98
3633025.90       43.27636  (20022622)
        504071.98   3633025.90       43.78936  (21011302)               504121.98
3633025.90       38.57667  (19102905)
        504171.98   3633025.90       42.71386  (21022205)               504221.98
3633025.90       43.89311  (20022403)
        504271.98   3633025.90       42.38191  (21011620)               504321.98
3633025.90       40.61347  (21013021)
        504371.98   3633025.90       38.50159  (20042404)               504421.98
3633025.90       40.48724  (21120723)
        504471.98   3633025.90       38.67249  (20101423)               504521.98
3633025.90       37.65179  (20112022)
        504571.98   3633025.90       38.54207  (21011323)               504621.98
3633025.90       36.95320  (21010102)
        504671.98   3633025.90       36.98633  (20011902)               504721.98
3633025.90       35.53052  (19022705)
        504771.98   3633025.90       35.85362  (21021820)               504821.98
3633025.90       34.54466  (20121007)
        504871.98   3633025.90       34.11145  (21011520)               504921.98
3633025.90       33.26585  (21010522)
        504971.98   3633025.90       32.59304  (19122301)               505021.98

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3633025.90       31.75253  (20122923)
        505071.98   3633025.90       29.35416  (20100121)                505121.98
3633025.90       30.49626  (21022502)
        505171.98   3633025.90       30.35007  (21022502)                505221.98
3633025.90       28.51966  (19120104)
        502221.98   3633075.90        6.51796  (19010119)                502271.98
3633075.90        6.32358  (19010119)
        502321.98   3633075.90        6.01375  (19010119)                502371.98
3633075.90        5.61675  (19010119)
        502421.98   3633075.90        5.14782  (19010119)                502471.98
3633075.90        6.82306  (21030103)
        502521.98   3633075.90        8.81935  (21030103)                502571.98
3633075.90       11.02000  (21030103)
        502621.98   3633075.90       13.24061  (21030103)                502671.98
3633075.90       15.23031  (21030103)
        502721.98   3633075.90       16.70278  (21030103)                502771.98
3633075.90       17.39390  (21030103)
        502821.98   3633075.90       27.91769  (21030103)                502871.98
3633075.90       40.01045  (21031822)
        502921.98   3633075.90       41.74625  (20121603)                502971.98
3633075.90       44.10361  (20121603)
        503021.98   3633075.90       41.01320  (20092124)                503071.98
3633075.90       51.95864  (20092124)
        503121.98   3633075.90       55.49043  (20092124)                503171.98
3633075.90       44.47666  (20061222)
        503221.98   3633075.90       42.22726  (20082723)                503271.98
3633075.90       48.33002  (20082723)
        503321.98   3633075.90       45.71865  (20111701)                503371.98
3633075.90       56.64491  (19081924)
        503421.98   3633075.90       53.64404  (19081924)                503471.98
3633075.90       52.92137  (19110606)
        503621.98   3633075.90       43.87308  (20050102)                503671.98
3633075.90       51.17138  (20050102)
        503721.98   3633075.90       50.49331  (21020203)                503771.98
3633075.90       40.73548  (20032924)
        503821.98   3633075.90       45.39602  (20110207)                503871.98
3633075.90       39.15356  (20110207)
        503921.98   3633075.90       40.29446  (20082519)                503971.98
3633075.90       45.65219  (19032124)
        504021.98   3633075.90       44.82978  (21013120)                504071.98
3633075.90       45.75462  (21011302)
        504121.98   3633075.90       42.73633  (19102905)                504171.98
3633075.90       44.48968  (21022205)
        504221.98   3633075.90       45.82021  (20022403)                504271.98
3633075.90       44.58115  (21011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS  ***
INCLUDING SOURCE(S):  L0000919  , L0000920 , L0000921  , L0000922  , L0000923  ,
L0000924  , L0000925  , L0000926  , L0000927  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 43.23727 | (21013021) | 504371.98 | 3633075.90 | 41.84599 | (20042404) |
| 504421.98 | 3633075.90 | 40.36876 | (21120723) | 504471.98 | 3633075.90 | 39.73131 | (20101423) |
| 504521.98 | 3633075.90 | 39.23018 | (21022020) | 504571.98 | 3633075.90 | 38.97793 | (21120804) |
| 504621.98 | 3633075.90 | 38.56131 | (21010102) | 504671.98 | 3633075.90 | 37.03737 | (21022803) |
| 504721.98 | 3633075.90 | 37.14198 | (19022705) | 504771.98 | 3633075.90 | 36.45830 | (20121007) |
| 504821.98 | 3633075.90 | 36.53132 | (21011520) | 504871.98 | 3633075.90 | 34.61947 | (21010522) |
| 504921.98 | 3633075.90 | 34.22708 | (19122301) | 504971.98 | 3633075.90 | 33.47956 | (20122923) |
| 505021.98 | 3633075.90 | 30.93285 | (19081501) | 505071.98 | 3633075.90 | 31.94780 | (21022502) |
| 505121.98 | 3633075.90 | 31.79235 | (21022502) | 505171.98 | 3633075.90 | 29.76751 | (19120104) |
| 505221.98 | 3633075.90 | 30.25294 | (20021702) | 502221.98 | 3633125.90 | 7.03185 | (19010119) |
| 502271.98 | 3633125.90 | 6.94535 | (19010119) | 502321.98 | 3633125.90 | 6.74142 | (19010119) |
| 502371.98 | 3633125.90 | 6.42666 | (19010119) | 502421.98 | 3633125.90 | 6.01320 | (19010119) |
| 502471.98 | 3633125.90 | 5.51051 | (19010119) | 502521.98 | 3633125.90 | 7.33664 | (21030103) |
| 502571.98 | 3633125.90 | 9.52075 | (21030103) | 502621.98 | 3633125.90 | 11.91450 | (21030103) |
| 502671.98 | 3633125.90 | 14.30403 | (21030103) | 502721.98 | 3633125.90 | 16.39158 | (21030103) |
| 502771.98 | 3633125.90 | 17.84696 | (21030103) | 502821.98 | | | |

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3633125.90       18.38344  (21030103)
        502871.98   3633125.90       32.45246  (21031822)                502921.98
3633125.90       39.86725  (21031822)
        502971.98   3633125.90       44.07669  (20121603)                503021.98
3633125.90       42.12167  (20121603)
        503071.98   3633125.90       54.76211  (20092124)                503121.98
3633125.90       60.99118  (20092124)
        503171.98   3633125.90       50.86360  (20092124)                503221.98
3633125.90       39.27563  (20102407)
        503271.98   3633125.90       49.19174  (20082723)                503321.98
3633125.90       47.16686  (20111701)
        503371.98   3633125.90       55.23670  (19081924)                503421.98
3633125.90       56.73400  (19081924)
        503471.98   3633125.90       52.10363  (19110606)                503621.98
3633125.90       43.30500  (21090401)
        503671.98   3633125.90       50.66016  (20050102)                503721.98
3633125.90       50.53291  (21020203)
        503771.98   3633125.90       43.79375  (20032924)                503821.98
3633125.90       48.11611  (20110207)
        503871.98   3633125.90       39.96763  (20110207)                503921.98
3633125.90       43.45971  (20082519)
        503971.98   3633125.90       48.07224  (20022622)                504021.98
3633125.90       48.56466  (21013120)
        504071.98   3633125.90       46.65315  (21011302)                504121.98
3633125.90       45.99013  (19102905)
        504171.98   3633125.90       46.90303  (19121107)                504221.98
3633125.90       45.15684  (20022403)
        504271.98   3633125.90       45.04869  (20052501)                504321.98
3633125.90       42.90717  (21013021)
        504371.98   3633125.90       44.48761  (21120723)                504421.98
3633125.90       42.54365  (20101423)
        504471.98   3633125.90       41.07172  (20112022)                504521.98
3633125.90       42.20622  (21011323)
        504571.98   3633125.90       41.25949  (21010102)                504621.98
3633125.90       39.88417  (20011902)
        504671.98   3633125.90       39.80840  (19022705)                504721.98
3633125.90       38.49297  (21021820)
        504771.98   3633125.90       38.69370  (21011520)                504821.98
3633125.90       36.27398  (19121906)
        504871.98   3633125.90       35.81388  (19122301)                504921.98
3633125.90       35.28503  (20122923)
        504971.98   3633125.90       32.65756  (19081501)                505021.98
3633125.90       33.54638  (21022502)
        505071.98   3633125.90       33.36371  (21022502)                505121.98
3633125.90       31.09848  (19120104)
        505171.98   3633125.90       31.97931  (20021702)                505221.98
3633125.90       31.16930  (20020804)
        502221.98   3633175.90        7.39707  (19010119)                502271.98
3633175.90        7.44957  (19010119)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633175.90 46.84355 (20032924)
503821.98 3633175.90 51.02103 (20110207) 503871.98
3633175.90 40.73736 (20110207)
503921.98 3633175.90 46.63614 (20082519) 503971.98
3633175.90 51.53424 (20022622)
504021.98 3633175.90 51.65038 (21013120) 504071.98
3633175.90 46.26316 (21011302)
504121.98 3633175.90 48.53862 (21022205) 504171.98
3633175.90 50.40032 (20022403)
504221.98 3633175.90 49.23353 (21011620) 504271.98
3633175.90 47.82007 (21013021)
504321.98 3633175.90 46.07688 (20042404) 504371.98
3633175.90 44.99006 (21120723)
504421.98 3633175.90 43.70773 (20112022) 504471.98
3633175.90 43.87564 (21011323)
504521.98 3633175.90 42.62822 (21120804) 504571.98
3633175.90 42.82502 (20011902)
504621.98 3633175.90 41.46803 (19022705) 504671.98
3633175.90 41.47051 (21021820)
504721.98 3633175.90 40.46839 (21011520) 504771.98
3633175.90 38.62905 (19121906)
504821.98 3633175.90 37.75709 (21010522) 504871.98
3633175.90 37.12571 (20122923)
504921.98 3633175.90 34.50115 (19081501) 504971.98
3633175.90 35.28889 (21022502)
505021.98 3633175.90 35.10051 (21022502) 505071.98
3633175.90 32.57191 (20100521)
505121.98 3633175.90 33.80735 (20021702) 505171.98
3633175.90 32.97086 (20020804)
505221.98 3633175.90 31.18837 (20011323) 502221.98
3633225.90 8.60498 (21111004)
502271.98 3633225.90 7.95726 (21111004) 502321.98
3633225.90 7.91076 (19010119)
502371.98 3633225.90 7.89223 (19010119) 502421.98
3633225.90 7.71964 (19010119)
502471.98 3633225.90 7.39270 (19010119) 502521.98
3633225.90 6.94443 (19010119)
502571.98 3633225.90 6.37679 (19010119) 502621.98
3633225.90 8.54966 (21030103)
502671.98 3633225.90 11.18592 (21030103) 502721.98
3633225.90 14.03302 (21030103)
502771.98 3633225.90 16.79692 (21030103) 502821.98
3633225.90 19.05213 (21030103)
502871.98 3633225.90 30.19410 (21030103) 502921.98
3633225.90 26.83799 (21030103)
502971.98 3633225.90 28.86037 (20121603) 503021.98
3633225.90 41.40985 (20121603)
503071.98 3633225.90 40.68055 (20121603) 503121.98
3633225.90 42.73339 (20092124)
503171.98 3633225.90 52.80131 (20092124) 503221.98

 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

                          *** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS  ***
                              INCLUDING SOURCE(S):  L0000919  , L0000920
, L0000921  , L0000922  , L0000923  ,
              L0000924  , L0000925  , L0000926  , L0000927  ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10  IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)  CONC  (YYMMDDHH)  X-COORD (M)
Y-COORD (M)  CONC  (YYMMDDHH)
 - - -

3633225.90 43.65021 (21021820)
504671.98 3633225.90 42.18651 (20121007) 504721.98
3633225.90 40.80991 (19121906)
504771.98 3633225.90 40.43661 (21010522) 504821.98
3633225.90 39.04163 (20122923)
504871.98 3633225.90 36.45239 (19081501) 504921.98
3633225.90 37.18756 (21022502)
504971.98 3633225.90 37.01016 (21022502) 505021.98
3633225.90 34.48305 (20100521)
505071.98 3633225.90 35.76233 (20021702) 505121.98
3633225.90 34.82269 (20020804)
505171.98 3633225.90 32.90417 (20011323) 505221.98
3633225.90 32.93673 (21012402)
502221.98 3633275.90 9.91294 (21111004) 502271.98
3633275.90 9.42163 (21111004)
502321.98 3633275.90 8.77481 (21111004) 502371.98
3633275.90 8.41914 (19010119)
502421.98 3633275.90 8.42543 (19010119) 502471.98
3633275.90 8.27438 (19010119)
502521.98 3633275.90 7.96192 (19010119) 502571.98
3633275.90 7.49240 (19010119)
502621.98 3633275.90 6.88572 (19010119) 502671.98
3633275.90 9.26386 (21030103)
502721.98 3633275.90 12.17518 (21030103) 502771.98
3633275.90 15.29834 (21030103)
502821.98 3633275.90 47.70636 (20122620) 502871.98
3633275.90 30.41565 (21030103)
502921.98 3633275.90 21.82222 (21030103) 502971.98
3633275.90 26.24980 (20121603)
503021.98 3633275.90 39.48275 (20121603) 503071.98
3633275.90 32.64856 (20121603)
503121.98 3633275.90 31.33717 (20121603) 503171.98
3633275.90 26.85070 (20121603)
503221.98 3633275.90 55.49686 (20092124) 503271.98
3633275.90 54.04608 (20061222)
503321.98 3633275.90 59.52658 (20082723) 503371.98
3633275.90 63.04621 (20111701)
503421.98 3633275.90 57.89064 (19081924) 503471.98
3633275.90 51.59308 (21020924)
503621.98 3633275.90 49.63236 (19101521) 503671.98
3633275.90 52.86816 (20050102)
503721.98 3633275.90 56.36852 (21020203) 503771.98
3633275.90 52.29192 (20032924)
503821.98 3633275.90 56.85645 (20110207) 503871.98
3633275.90 42.14244 (20082921)
503921.98 3633275.90 52.70314 (20082519) 503971.98
3633275.90 56.91960 (20022622)
504021.98 3633275.90 56.09662 (21011302) 504071.98
3633275.90 52.65152 (19102905)
504121.98 3633275.90 54.54656 (19121107) 504171.98

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3633275.90       46.94523  (20011902)                504571.98
3633275.90       46.49913  (19022705)
        504621.98   3633275.90       44.96394  (20121007)                504671.98
3633275.90       44.40693  (21011520)
        504721.98   3633275.90       43.11033  (21010522)                504771.98
3633275.90       41.16671  (19122301)
        504821.98   3633275.90       38.56017  (19081501)                504871.98
3633275.90       39.23994  (21022502)
        504921.98   3633275.90       39.04999  (21022502)                504971.98
3633275.90       36.51969  (20100521)
        505021.98   3633275.90       37.83308  (20021702)                505071.98
3633275.90       36.71878  (20020804)
        505121.98   3633275.90       34.59679  (20011323)                505171.98
3633275.90       34.51693  (21012402)
        505221.98   3633275.90       32.89546  (20121620)                502221.98
3633325.90       11.02801  (21111004)
        502271.98   3633325.90       10.77866  (21111004)                502321.98
3633325.90       10.32936  (21111004)
        502371.98   3633325.90        9.68402  (21111004)                502421.98

3633325.90  8.94911  (19010119)
  502471.98  3633325.90  9.00268  (19010119)  502521.98
3633325.90  8.89019  (19010119)
  502571.98  3633325.90  8.58848  (19010119)  502621.98
3633325.90  8.10331  (19010119)
  502671.98  3633325.90  7.45307  (19010119)  502721.98
3633325.90  10.06886  (21030103)
  502771.98  3633325.90  13.28636  (21030103)  502821.98
3633325.90  16.72143  (21030103)
  502871.98  3633325.90  19.94255  (21030103)  502921.98
3633325.90  22.33428  (21030103)
  502971.98  3633325.90  23.58579  (20121603)  503021.98
3633325.90  29.58088  (20121603)
  503071.98  3633325.90  33.76189  (20121603)  503121.98
3633325.90  34.71925  (20121603)
  503171.98  3633325.90  31.85152  (20121603)  503221.98
3633325.90  28.45600  (21063005)
  503271.98  3633325.90  66.87745  (20092124)  503321.98
3633325.90  58.47609  (20082723)
  503371.98  3633325.90  67.50537  (20111701)  503421.98
3633325.90  57.12156  (20111701)
  503471.98  3633325.90  46.32101  (21110603)  503621.98
3633325.90  53.52914  (19101521)
  503671.98  3633325.90  54.36255  (20050102)  503721.98
3633325.90  59.83799  (21020203)
  503771.98  3633325.90  55.03467  (20032924)  503821.98
3633325.90  60.06206  (20110207)
  503871.98  3633325.90  44.41634  (20080919)  503921.98
3633325.90  56.83947  (19032124)
  503971.98  3633325.90  57.87908  (20022622)  504021.98
3633325.90  58.23966  (21011302)
  504071.98  3633325.90  56.45622  (19102905)  504121.98
3633325.90  58.42217  (20022403)
  504171.98  3633325.90  57.96954  (21011620)  504221.98
3633325.90  56.20686  (21013021)
  504271.98  3633325.90  54.41312  (21120723)  504321.98
3633325.90  52.25788  (20101423)
  504371.98  3633325.90  50.58116  (21022020)  504421.98
3633325.90  50.20105  (20031721)
  504471.98  3633325.90  50.50421  (20011902)  504521.98
3633325.90  49.26390  (19022705)
  504571.98  3633325.90  48.22271  (21021820)  504621.98
3633325.90  47.95808  (21011520)
  504671.98  3633325.90  45.69384  (21010522)  504721.98
3633325.90  44.24735  (19122301)
  504771.98  3633325.90  41.37337  (20122923)  504821.98
3633325.90  41.48293  (21022502)
  504871.98  3633325.90  41.33483  (21022502)  504921.98
3633325.90  38.30547  (20100521)
  504971.98  3633325.90  39.85855  (20021702)  505021.98

3633325.90       38.55196  (20020804)
        505071.98   3633325.90       36.28944  (21012402)                505121.98
3633325.90       35.88009  (21012402)
        505171.98   3633325.90       34.81726  (20022406)                505221.98
3633325.90       34.09436  (20022406)
        502221.98   3633375.90       11.82126  (21111004)                502271.98
3633375.90       11.87406  (21111004)
        502321.98   3633375.90       11.70837  (21111004)                502371.98
3633375.90       11.31292  (21111004)
        502421.98   3633375.90       10.69154  (21111004)                502471.98
3633375.90        9.85868  (21111004)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3633375.90 30.40398 (21063005)
503321.98 3633375.90 52.40831 (20092124) 503371.98
3633375.90 67.92802 (20111701)
503421.98 3633375.90 58.71446 (20111701) 503471.98
3633375.90 52.29181 (21110603)
503621.98 3633375.90 59.03226 (19101521) 503671.98
3633375.90 55.46177 (20050102)
503721.98 3633375.90 62.45985 (21020203) 503771.98
3633375.90 58.04003 (20032924)
503821.98 3633375.90 62.93683 (20110207) 503871.98
3633375.90 47.41051 (20080820)
503921.98 3633375.90 60.78445 (19032124) 503971.98
3633375.90 61.43938 (21013120)
504021.98 3633375.90 58.51747 (21011302) 504071.98
3633375.90 60.62422 (21022205)
504121.98 3633375.90 61.82821 (20022403) 504171.98
3633375.90 59.17033 (21011620)
504221.98 3633375.90 55.79789 (20042404) 504271.98
3633375.90 56.78271 (21120723)
504321.98 3633375.90 53.64960 (20112022) 504371.98
3633375.90 54.70811 (21011323)
504421.98 3633375.90 54.02213 (21010102) 504471.98
3633375.90 50.42097 (21022803)
504521.98 3633375.90 52.11458 (21021820) 504571.98
3633375.90 51.04106 (21011520)
504621.98 3633375.90 48.06256 (21010522) 504671.98
3633375.90 47.29635 (19122301)
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3633375.90 43.97456 (21022502)
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3633375.90 40.58210 (21010602)
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3633375.90 39.95337 (20020804)
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3633375.90 37.39654 (20121620)
505121.98 3633375.90 37.49910 (20022406) 505171.98
3633375.90 35.15152 (19010903)
505221.98 3633375.90 34.15118 (21121121) 502221.98
3633425.90 12.15439 (21111004)
502271.98 3633425.90 12.54445 (21111004) 502321.98
3633425.90 12.72703 (21111004)
502371.98 3633425.90 12.67910 (21111004) 502421.98
3633425.90 12.37803 (21111004)
502471.98 3633425.90 11.82553 (21111004) 502521.98
3633425.90 10.99243 (21111004)
502571.98 3633425.90 10.35148 (19010119) 502621.98
3633425.90 10.33567 (19010119)
502671.98 3633425.90 10.07158 (19010119) 502721.98
3633425.90 9.56138 (19010119)
502771.98 3633425.90 8.82257 (19010119) 502821.98

3633425.90       12.02589  (21030103)
        502871.98   3633425.90       16.04980  (21030103)                502921.98
3633425.90       20.25128  (21030103)
        502971.98   3633425.90       23.95180  (21030103)                503021.98
3633425.90       26.32867  (21030103)
        503071.98   3633425.90       31.09763  (20121603)                503121.98
3633425.90       37.32903  (20121603)
        503171.98   3633425.90       39.89391  (20121603)                503221.98
3633425.90       37.54268  (20121603)
        503271.98   3633425.90       32.53951  (21063005)                503321.98
3633425.90       66.56338  (20092124)
        503371.98   3633425.90       70.16589  (20102407)                503421.98
3633425.90       68.82912  (20111701)
        503471.98   3633425.90       55.36754  (21110603)                503621.98
3633425.90       68.43442  (19101521)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3633425.90 55.80963 (20011902)
504471.98 3633425.90 55.08880 (19022705) 504521.98
3633425.90 53.34418 (21011520)
504571.98 3633425.90 51.55549 (19121906) 504621.98
3633425.90 50.46102 (19122301)
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3633425.90 46.41307 (21022502)
504771.98 3633425.90 46.50627 (21022502) 504821.98
3633425.90 43.51276 (20100521)
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3633425.90 37.15658 (19010903)
505171.98 3633425.90 36.10298 (21121121) 505221.98
3633425.90 35.19531 (21120121)
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3633475.90 41.18898 (20022406)
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3633475.90 34.92397 (21011022)
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3633525.90 14.42372 (21111004)
502621.98 3633525.90 13.68154 (21111004) 502671.98

3633525.90       12.58227  (21111004)
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        504871.98   3633525.90       45.70723  (21012402)                504921.98
3633525.90       44.83960  (20022406)
        504971.98   3633525.90       42.15490  (19010903)                505021.98
3633525.90       41.19631  (21121121)
        505071.98   3633525.90       40.58645  (21120121)                505121.98
3633525.90       38.99209  (21021801)
        505171.98   3633525.90       37.78123  (21011022)                505221.98
3633525.90       36.26660  (20021024)
        502221.98   3633575.90       10.16575  (21111004)                502271.98
3633575.90       11.33891  (21111004)
        502321.98   3633575.90       12.52459  (21111004)                502371.98
3633575.90       13.67359  (21111004)
        502421.98   3633575.90       14.68451  (21111004)                502471.98
3633575.90       15.48028  (21111004)
        502521.98   3633575.90       15.99475  (21111004)                502571.98
3633575.90       16.16791  (21111004)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3633575.90       41.92910  (21011418)
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        505171.98   3633575.90       39.55953  (21122302)                505221.98
3633575.90       37.91727  (21122302)
        502221.98   3633625.90        9.12314  (21012320)                502271.98
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        502321.98   3633625.90       11.27549  (21111004)                502371.98
3633625.90       12.66009  (21111004)
        502421.98   3633625.90       14.02972  (21111004)                502471.98
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        502621.98   3633625.90       17.64318  (21111004)                502671.98
3633625.90       17.64033  (21111004)
        504771.98   3633625.90       52.17080  (20121620)                504821.98
3633625.90       50.04434  (20022406)
        504871.98   3633625.90       47.88799  (21121121)                504921.98
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        504971.98   3633625.90       44.53577  (21011418)                505021.98
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        505071.98   3633625.90       41.61819  (21122302)                505121.98
3633625.90       42.07867  (21122302)
        505171.98   3633625.90       39.67138  (21011724)                505221.98
3633625.90       39.33526  (21010408)
        502221.98   3633675.90       12.42481  (21012320)                502271.98
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        502321.98   3633675.90       10.31636  (21012320)                502371.98
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        502421.98   3633675.90       12.64253  (21111004)                502471.98
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        502521.98   3633675.90       15.78536  (21111004)                502571.98
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        502621.98   3633675.90       18.35344  (21111004)                502671.98
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        504771.98   3633675.90       53.28536  (19010903)                504821.98
3633675.90       54.07858  (21011418)
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3633675.90       47.23426  (21011022)
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        505071.98   3633675.90       43.10366  (21011724)                505121.98
3633675.90       43.32032  (21010408)
        505171.98   3633675.90       40.63358  (21011720)                505221.98
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3633725.90       15.00496  (21012320)
        502321.98   3633725.90       14.14361  (21012320)                502371.98
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3633725.90       12.45253  (21111004)
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        502621.98   3633725.90       17.90011  (21111004)                502671.98
3633725.90       19.46171  (21111004)
        504771.98   3633725.90       63.35057  (21011418)                504821.98
3633725.90       55.32067  (21011418)
        504871.98   3633725.90       50.00576  (20021024)                504921.98
3633725.90       49.93486  (21122302)
        504971.98   3633725.90       47.35518  (21011724)                505021.98
3633725.90       46.60930  (21010408)
        505071.98   3633725.90       44.29572  (21011720)                505121.98
3633725.90       42.30287  (21011221)
        505171.98   3633725.90       40.98235  (20121406)                505221.98
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        502221.98   3633775.90       18.69093  (21012320)                502271.98
3633775.90       18.37586  (21012320)
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3633775.90       17.30403  (21012320)
        502421.98   3633775.90       16.36581  (21012320)                502471.98
3633775.90       15.13615  (21012320)
        502521.98   3633775.90       13.73872  (21012320)                502571.98
3633775.90       14.11887  (21111004)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3633775.90 46.12319 (21011221)
505071.98 3633775.90 45.24138 (20121406) 505121.98
3633775.90 44.44015 (20121406)
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3633775.90 40.56080 (20021723)
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3633825.90 17.69488 (21012320)
502621.98 3633825.90 16.07685 (21012320) 502671.98
3633825.90 16.14591 (21111004)
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3633825.90 58.44414 (21010408)
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3633825.90 51.44414 (21011221)
504971.98 3633825.90 50.26013 (20121406) 505021.98
3633825.90 48.11881 (20121406)
505071.98 3633825.90 45.10178 (20021723) 505121.98
3633825.90 45.10293 (20021723)
505171.98 3633825.90 44.05267 (19011606) 505221.98
3633825.90 41.10488 (19011606)
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3633875.90 21.75317 (21012320)
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3633875.90 23.45439 (21012320)
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3633875.90 24.07866 (21012320)
502521.98 3633875.90 23.93560 (21012320) 502571.98
3633875.90 23.38350 (21012320)
502621.98 3633875.90 22.36822 (21012320) 502671.98
3633875.90 20.87710 (21012320)
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3633875.90 58.82495 (21011221)
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3633875.90 53.06059 (20121406)
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505071.98 3633875.90 48.47916 (19011606) 505121.98
3633875.90 44.95840 (20012223)
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502221.98 3633925.90 19.33318 (21012320) 502271.98

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3633925.90       20.84943  (21012320)
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3633925.90       23.81608  (21012320)
        502421.98   3633925.90       25.23925  (21012320)                502471.98
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        502521.98   3633925.90       27.26248  (21012320)                502571.98
3633925.90       27.82324  (21012320)
        502621.98   3633925.90       27.94433  (21012320)                502671.98
3633925.90       27.50817  (21012320)
        504771.98   3633925.90       66.17690  (20121406)                504821.98
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        504871.98   3633925.90       57.54603  (20021723)                504921.98
3633925.90       56.26927  (19011606)
        504971.98   3633925.90       52.93839  (19011606)                505021.98
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        505071.98   3633925.90       48.03092  (21022322)                505121.98
3633925.90       45.22015  (21010422)
        505171.98   3633925.90       43.01675  (19011923)                505221.98
3633925.90       41.92521  (19011923)
        502221.98   3633975.90       16.51973  (21012320)                502271.98
3633975.90       18.17718  (21012320)
        502321.98   3633975.90       20.05287  (21012320)                502371.98
3633975.90       22.03614  (21012320)
        502421.98   3633975.90       24.03912  (21012320)                502471.98
3633975.90       26.00026  (21012320)
        502521.98   3633975.90       27.91969  (21012320)                502571.98
3633975.90       29.64467  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 756
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -
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	504771.98	3633975.90	66.00408	(20021723)	504821.98
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	504871.98	3633975.90	58.43918	(20081804)	504921.98
3633975.90	56.31830	(19121305)
	504971.98	3633975.90	52.56781	(21010422)	505021.98
3633975.90	50.50216	(19011923)
	505071.98	3633975.90	49.01154	(19011923)	505121.98
3633975.90	45.89878	(19012803)
	505171.98	3633975.90	43.47052	(19012803)	505221.98
3633975.90	42.10965	(21121821)
	502221.98	3634025.90	14.23595	(19083104)	502271.98
3634025.90	14.47289	(21012320)
	502321.98	3634025.90	16.31800	(21012320)	502371.98
3634025.90	18.38240	(21012320)
	502421.98	3634025.90	20.59407	(21012320)	502471.98
3634025.90	22.96181	(21012320)
	502521.98	3634025.90	25.46720	(21012320)	502571.98
3634025.90	28.06499	(21012320)
	502621.98	3634025.90	30.70214	(21012320)	502671.98
3634025.90	33.20903	(21012320)
	504771.98	3634025.90	69.00920	(19121305)	504821.98
3634025.90	64.89530	(19121305)
	504871.98	3634025.90	58.57008	(19011923)	504921.98
3634025.90	56.74437	(19011923)
	504971.98	3634025.90	54.35276	(19012803)	505021.98
3634025.90	51.39926	(21121821)
	505071.98	3634025.90	49.31598	(21121821)	505121.98
3634025.90	46.58101	(20121224)
	505171.98	3634025.90	44.25090	(20121224)	505221.98
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	502221.98	3634075.90	16.72223	(19083104)	502271.98
3634075.90	17.04070	(19083104)
	502321.98	3634075.90	17.34151	(19083104)	502371.98
3634075.90	17.58275	(19083104)
	502421.98	3634075.90	17.74660	(19083104)	502471.98
3634075.90	18.02736	(21012320)
	502521.98	3634075.90	20.59886	(21012320)	502571.98
3634075.90	23.49317	(21012320)
	502621.98	3634075.90	26.58511	(21012320)	502671.98
3634075.90	29.95634	(21012320)
	504771.98	3634075.90	67.41459	(19011923)	504821.98
3634075.90	63.39249	(19012803)
	504871.98	3634075.90	60.43789	(21121821)	504921.98
3634075.90	57.13577	(20121224)
	504971.98	3634075.90	55.29381	(20121224)	505021.98
3634075.90	52.24034	(20020703)
	505071.98	3634075.90	49.48156	(20020703)	505121.98

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3634075.90       46.20790  (21022324)
        505171.98   3634075.90       43.35750  (21022324)                505221.98
3634075.90       41.23553  (20122520)
        502221.98   3634125.90       18.01226  (19083104)                502271.98
3634125.90       18.74939  (19083104)
        502321.98   3634125.90       19.44041  (19083104)                502371.98
3634125.90       20.15545  (19083104)
        502421.98   3634125.90       20.82026  (19083104)                502471.98
3634125.90       21.45119  (19083104)
        502521.98   3634125.90       22.02783  (19083104)                502571.98
3634125.90       22.53879  (19083104)
        502621.98   3634125.90       23.02719  (19083104)                502671.98
3634125.90       23.42174  (21012320)
        504771.98   3634125.90       68.95344  (20121224)                504821.98
3634125.90       64.35709  (20020703)
        504871.98   3634125.90       60.95403  (20020703)                504921.98
3634125.90       57.61089  (21022324)
        504971.98   3634125.90       53.94546  (21022324)                505021.98
3634125.90       52.45616  (20122520)
        505071.98   3634125.90       49.74348  (21122121)                505121.98
3634125.90       48.02064  (21122121)
        505171.98   3634125.90       45.72964  (21122121)                505221.98
3634125.90       44.36444  (20121803)
        502221.98   3634175.90       17.72592  (19083104)                502271.98
3634175.90       18.70966  (19083104)
        502321.98   3634175.90       19.70314  (19083104)                502371.98
3634175.90       20.93463  (19083104)
        502421.98   3634175.90       22.03214  (19083104)                502471.98
3634175.90       23.16359  (19083104)
        502521.98   3634175.90       24.30756  (19083104)                502571.98
3634175.90       25.49187  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 757
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 26.68283 | (19083104) | 502671.98 | 3634175.90 | 27.90626 | (19083104) |
| 504771.98 | 3634175.90 | 68.79734 | (20122520) | 504821.98 | 3634175.90 | 66.19921 | (21122121) |
| 504871.98 | 3634175.90 | 64.10074 | (21122121) | 504921.98 | 3634175.90 | 60.36068 | (20121803) |
| 504971.98 | 3634175.90 | 58.64255 | (20121803) | 505021.98 | 3634175.90 | 55.44731 | (20121803) |
| 505071.98 | 3634175.90 | 51.55900 | (20121803) | 505121.98 | 3634175.90 | 48.15045 | (21122201) |
| 505171.98 | 3634175.90 | 45.85498 | (21122201) | 505221.98 | 3634175.90 | 43.70689 | (21122201) |
| 502221.98 | 3634225.90 | 16.03422 | (19083104) | 502271.98 | 3634225.90 | 17.06118 | (19083104) |
| 502321.98 | 3634225.90 | 18.27201 | (19083104) | 502371.98 | 3634225.90 | 19.59007 | (19083104) |
| 502421.98 | 3634225.90 | 20.92315 | (19083104) | 502471.98 | 3634225.90 | 22.33847 | (19083104) |
| 502521.98 | 3634225.90 | 23.83140 | (19083104) | 502571.98 | 3634225.90 | 25.47309 | (19083104) |
| 502621.98 | 3634225.90 | 27.21424 | (19083104) | 502671.98 | 3634225.90 | 29.09981 | (19083104) |
| 504771.98 | 3634225.90 | 73.77092 | (20121803) | 504821.98 | 3634225.90 | 68.74877 | (21122201) |
| 504871.98 | 3634225.90 | 63.90161 | (21122201) | 504921.98 | 3634225.90 | 59.76126 | (19021906) |
| 504971.98 | 3634225.90 | 56.06521 | (19021906) | 505021.98 | 3634225.90 | 52.48560 | (19021906) |
| 505071.98 | 3634225.90 | 50.23742 | (20022423) | 505121.98 | 3634225.90 | 47.28492 | (20022423) |
| 505171.98 | 3634225.90 | 44.76626 | (20022423) | 505221.98 | 3634225.90 | 44.03994 | (20013123) |
| 502221.98 | 3634275.90 | 13.25670 | (19083104) | 502271.98 | 3634275.90 | 14.19370 | (19083104) |
| 502321.98 | 3634275.90 | 15.27321 | (19083104) | 502371.98 | 3634275.90 | 16.51789 | (19083104) |
| 502421.98 | 3634275.90 | 17.78643 | (19083104) | 502471.98 | 3634275.90 | 19.16929 | (19083104) |
| 502521.98 | 3634275.90 | 20.69861 | (19083104) | 502571.98 | 3634275.90 | 22.37877 | (19083104) |
| 502621.98 | 3634275.90 | 24.26225 | (19083104) | 502671.98 | 3634275.90 | 26.34598 | (19083104) |
| 504771.98 | 3634275.90 | 72.58674 | (20013123) | 504821.98 | 3634275.90 | 69.24041 | (20013123) |
| 504871.98 | 3634275.90 | 65.35636 | (20013123) | 504921.98 | | | |

3634275.90       60.85257  (20013123)
        504971.98   3634275.90       56.10412  (20013123)                505021.98
3634275.90       52.61278  (21121920)
        505071.98   3634275.90       50.20860  (21121920)                505121.98
3634275.90       46.94117  (21121920)
        505171.98   3634275.90       44.86444  (21121920)                505221.98
3634275.90       42.45242  (21013019)
        502221.98   3634325.90       14.23958  (21021102)                502271.98
3634325.90       14.85178  (21021102)
        502321.98   3634325.90       15.49309  (21021102)                502371.98
3634325.90       16.18188  (21021102)
        502421.98   3634325.90       16.91372  (21021102)                502471.98
3634325.90       17.68572  (21021102)
        502521.98   3634325.90       18.61482  (20022619)                502571.98
3634325.90       19.62964  (20022619)
        502621.98   3634325.90       20.73504  (20022619)                502671.98
3634325.90       21.98719  (20022619)
        504771.98   3634325.90       72.47020  (21013019)                504821.98
3634325.90       67.53290  (21013019)
        504871.98   3634325.90       62.53801  (21013019)                504921.98
3634325.90       57.39599  (21013019)
        504971.98   3634325.90       52.84992  (19122101)                505021.98
3634325.90       51.06886  (19122101)
        505071.98   3634325.90       49.05877  (19122101)                505121.98
3634325.90       47.02575  (19122101)
        505171.98   3634325.90       45.17720  (19122101)                505221.98
3634325.90       43.59583  (19122101)
        502221.98   3634375.90       18.89063  (21021102)                502271.98
3634375.90       19.82768  (21021102)
        502321.98   3634375.90       20.76955  (21021102)                502371.98
3634375.90       21.80027  (21021102)
        502421.98   3634375.90       23.04190  (21021102)                502471.98
3634375.90       24.39147  (21021102)
        502521.98   3634375.90       25.89367  (21021102)                502571.98
3634375.90       27.44560  (21021102)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                    INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 29.03468 | (21021102) | 502671.98 | 3634375.90 | 30.68885 | (21021102) |
| 504771.98 | 3634375.90 | 75.61625 | (21021007) | 504821.98 | 3634375.90 | 69.66242 | (21021007) |
| 504871.98 | 3634375.90 | 65.04562 | (21021007) | 504921.98 | 3634375.90 | 60.84607 | (21021007) |
| 504971.98 | 3634375.90 | 57.48270 | (21021007) | 505021.98 | 3634375.90 | 54.77304 | (21021007) |
| 505071.98 | 3634375.90 | 51.84123 | (21021007) | 505121.98 | 3634375.90 | 49.38322 | (21021007) |
| 505171.98 | 3634375.90 | 46.92030 | (21021007) | 505221.98 | 3634375.90 | 44.76338 | (21021007) |
| 502221.98 | 3634425.90 | 22.35243 | (21021102) | 502271.98 | 3634425.90 | 23.49339 | (21021102) |
| 502321.98 | 3634425.90 | 24.70102 | (21021102) | 502371.98 | 3634425.90 | 26.01174 | (21021102) |
| 502421.98 | 3634425.90 | 27.45173 | (21021102) | 502471.98 | 3634425.90 | 28.99071 | (21021102) |
| 502521.98 | 3634425.90 | 30.71252 | (21021102) | 502571.98 | 3634425.90 | 32.58080 | (21021102) |
| 502621.98 | 3634425.90 | 34.64513 | (21021102) | 502671.98 | 3634425.90 | 36.90850 | (21021102) |
| 504771.98 | 3634425.90 | 69.80203 | (21032906) | 504821.98 | 3634425.90 | 64.33968 | (21032906) |
| 504871.98 | 3634425.90 | 59.30324 | (21032906) | 504921.98 | 3634425.90 | 56.66081 | (21032906) |
| 504971.98 | 3634425.90 | 52.97148 | (21032906) | 505021.98 | 3634425.90 | 50.16972 | (21032906) |
| 505071.98 | 3634425.90 | 47.95803 | (21032906) | 505121.98 | 3634425.90 | 46.13512 | (20082306) |
| 505171.98 | 3634425.90 | 43.74231 | (21101921) | 505221.98 | 3634425.90 | 41.75209 | (21101921) |
| 502221.98 | 3634475.90 | 23.39986 | (21021102) | 502271.98 | 3634475.90 | 24.47698 | (21021102) |
| 502321.98 | 3634475.90 | 25.62102 | (21021102) | 502371.98 | 3634475.90 | 26.84629 | (21021102) |
| 502421.98 | 3634475.90 | 28.15831 | (21021102) | 502471.98 | 3634475.90 | 29.55487 | (21021102) |
| 502521.98 | 3634475.90 | 31.08960 | (21021102) | 502571.98 | 3634475.90 | 32.72310 | (21021102) |
| 502621.98 | 3634475.90 | 34.47983 | (21021102) | 502671.98 | | | |

3634475.90       36.37838  (21021102)
        504771.98   3634475.90       67.85846  (21013119)                504821.98
3634475.90       64.80125  (21013119)
        504871.98   3634475.90       62.11450  (20041201)                504921.98
3634475.90       67.84857  (20041201)
        504971.98   3634475.90       61.24047  (20041201)                505021.98
3634475.90       56.38921  (20041201)
        505071.98   3634475.90       54.17903  (21013119)                505121.98
3634475.90       50.94378  (21013119)
        505171.98   3634475.90       47.29869  (21013119)                505221.98
3634475.90       44.18673  (21013119)
        502221.98   3634525.90       21.78797  (21021102)                502271.98
3634525.90       22.55738  (21021102)
        502321.98   3634525.90       23.36233  (21021102)                502371.98
3634525.90       24.20315  (21021102)
        502421.98   3634525.90       25.06419  (21021102)                502471.98
3634525.90       25.95810  (21021102)
        502521.98   3634525.90       26.87118  (21021102)                502571.98
3634525.90       27.81925  (21021102)
        502621.98   3634525.90       28.77754  (21021102)                502671.98
3634525.90       29.77887  (21021102)
        504771.98   3634525.90       61.97152  (20041201)                504821.98
3634525.90       60.49193  (20041201)
        504871.98   3634525.90       66.64475  (20041201)                504921.98
3634525.90       75.43226  (20041201)
        504971.98   3634525.90       74.36165  (20041201)                505021.98
3634525.90       70.79847  (20041201)
        505071.98   3634525.90       67.14551  (20041201)                505121.98
3634525.90       62.43524  (20041201)
        505171.98   3634525.90       57.28587  (20041201)                505221.98
3634525.90       52.31712  (20041201)
        502221.98   3634575.90       18.09414  (21021102)                502271.98
3634575.90       18.42683  (21021102)
        502321.98   3634575.90       18.77165  (21021102)                502371.98
3634575.90       19.10700  (21021102)
        502421.98   3634575.90       19.42008  (21021102)                502471.98
3634575.90       20.27464  (19101801)
        502521.98   3634575.90       21.34498  (19101801)                502571.98
3634575.90       23.15563  (19050903)


                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                    INCLUDING SOURCE(S):     L0000919    , L0000920

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, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634575.90       25.63293  (19050903)                502671.98
3634575.90       28.39417  (19050903)
        504771.98   3634575.90       82.25574  (20081806)                504821.98
3634575.90       75.00176  (20081806)
        504871.98   3634575.90       73.09574  (20081806)                504921.98
3634575.90       67.63842  (20081806)
        504971.98   3634575.90       61.20814  (20081806)                505021.98
3634575.90       54.99727  (20041201)
        505071.98   3634575.90       54.49034  (20041201)                505121.98
3634575.90       53.39420  (20041201)
        505171.98   3634575.90       48.79963  (20041201)                505221.98
3634575.90       46.61271  (20041201)
        502221.98   3634625.90       15.77982  (19101801)                502271.98
3634625.90       16.74925  (19050903)
        502321.98   3634625.90       18.20540  (19050903)                502371.98
3634625.90       19.82506  (19050903)
        502421.98   3634625.90       21.57681  (19050903)                502471.98
3634625.90       23.46878  (19050903)
        502521.98   3634625.90       25.52252  (19050903)                502571.98
3634625.90       27.66579  (19050903)
        502621.98   3634625.90       29.92344  (19050903)                502671.98
3634625.90       32.25283  (19050903)
        504771.98   3634625.90       76.58993  (21032601)                504821.98
3634625.90       76.51033  (21012820)
        504871.98   3634625.90       73.76191  (21032601)                504921.98
3634625.90       70.58010  (21032601)
        504971.98   3634625.90       68.95171  (20081806)                505021.98
3634625.90       66.21297  (20081806)
        505071.98   3634625.90       61.38347  (20081806)                505121.98
3634625.90       56.38894  (20081806)
        505171.98   3634625.90       47.48212  (20081806)                505221.98
3634625.90       41.77579  (20081806)
        502221.98   3634675.90       18.46054  (19050903)                502271.98
3634675.90       19.83734  (19050903)
        502321.98   3634675.90       21.26131  (19050903)                502371.98
3634675.90       22.72365  (19050903)
        502421.98   3634675.90       24.23914  (19050903)                502471.98
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3634675.90  25.77316  (19050903)
  502521.98  3634675.90  27.29748  (19050903)  502571.98
3634675.90  28.78949  (19050903)
  502621.98  3634675.90  30.18913  (19050903)  502671.98
3634675.90  31.42089  (19050903)
  504771.98  3634675.90  86.89818  (20082303)  504821.98
3634675.90  77.77555  (20081401)
  504871.98  3634675.90  68.18178  (20081401)  504921.98
3634675.90  63.00283  (21020220)
  504971.98  3634675.90  61.54187  (21020220)  505021.98
3634675.90  57.94619  (21032601)
  505071.98  3634675.90  55.08748  (20081806)  505121.98
3634675.90  54.19703  (20081806)
  505171.98  3634675.90  49.73405  (20081806)  505221.98
3634675.90  45.85864  (20081806)
  502221.98  3634725.90  20.10995  (19050903)  502271.98
3634725.90  21.18596  (19050903)
  502321.98  3634725.90  22.19922  (19050903)  502371.98
3634725.90  23.19483  (19050903)
  502421.98  3634725.90  24.15406  (19050903)  502471.98
3634725.90  24.98466  (19050903)
  502521.98  3634725.90  25.65419  (19050903)  502571.98
3634725.90  26.16451  (19050903)
  502621.98  3634725.90  26.42517  (19050903)  502671.98
3634725.90  26.41438  (19050903)
  504771.98  3634725.90  78.85246  (20082303)  504821.98
3634725.90  75.60252  (20082303)
  504871.98  3634725.90  80.38680  (20081401)  504921.98
3634725.90  64.29016  (20081401)
  504971.98  3634725.90  57.49581  (19022319)  505021.98
3634725.90  54.77982  (19022319)
  505071.98  3634725.90  49.48370  (19022319)  505121.98
3634725.90  44.64753  (19022319)
  505171.98  3634725.90  39.58329  (21020220)  505221.98
3634725.90  39.43615  (21020220)
  502221.98  3634775.90  19.93335  (19050903)  502271.98
3634775.90  20.51639  (19050903)
  502321.98  3634775.90  20.93577  (19050903)  502371.98
3634775.90  21.26833  (19050903)
  502421.98  3634775.90  21.45747  (19050903)  502471.98
3634775.90  21.48535  (19050903)
  502521.98  3634775.90  21.34559  (19050903)  502571.98
3634775.90  20.92015  (19050903)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***

INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 20.24802 | (19050903) | 502671.98 | 3634775.90 | 19.88230 | (19120120) |
| 504771.98 | 3634775.90 | 22.36691 | (20082303) | 504821.98 | 3634775.90 | 52.31182 | (19042006) |
| 504871.98 | 3634775.90 | 65.39711 | (19042006) | 504921.98 | 3634775.90 | 53.12006 | (19030607) |
| 504971.98 | 3634775.90 | 52.67338 | (19030607) | 505021.98 | 3634775.90 | 45.68027 | (20082303) |
| 505071.98 | 3634775.90 | 43.21759 | (20082303) | 505121.98 | 3634775.90 | 42.16776 | (19022319) |
| 505171.98 | 3634775.90 | 37.32795 | (19022319) | 505221.98 | 3634775.90 | 34.97929 | (19022319) |
| 502221.98 | 3634825.90 | 17.98256 | (19050903) | 502271.98 | 3634825.90 | 18.01465 | (19050903) |
| 502321.98 | 3634825.90 | 17.89541 | (19050903) | 502371.98 | 3634825.90 | 17.62985 | (19050903) |
| 502421.98 | 3634825.90 | 17.18310 | (19050903) | 502471.98 | 3634825.90 | 16.55416 | (19050903) |
| 502521.98 | 3634825.90 | 16.42283 | (19120120) | 502571.98 | 3634825.90 | 18.12821 | (19120120) |
| 502621.98 | 3634825.90 | 20.34648 | (20021724) | 502671.98 | 3634825.90 | 23.89456 | (20021724) |
| 504771.98 | 3634825.90 | 12.40264 | (20082303) | 504821.98 | 3634825.90 | 64.89567 | (19022007) |
| 504871.98 | 3634825.90 | 51.88406 | (19022007) | 504921.98 | 3634825.90 | 51.70831 | (20121617) |
| 504971.98 | 3634825.90 | 46.85022 | (19030607) | 505021.98 | 3634825.90 | 40.96081 | (19030607) |
| 505071.98 | 3634825.90 | 40.07920 | (19030607) | 505121.98 | 3634825.90 | 37.76176 | (19030607) |
| 505171.98 | 3634825.90 | 34.13452 | (20082303) | 505221.98 | 3634825.90 | 32.09854 | (20082303) |
| 502221.98 | 3634875.90 | 14.83345 | (19050903) | 502271.98 | | | |

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3634875.90       14.41444  (19050903)
        502321.98   3634875.90       13.87770  (19050903)                502371.98
3634875.90       13.91735  (19022707)
        502421.98   3634875.90       15.21642  (19120120)                502471.98
3634875.90       16.44102  (19120120)
        502521.98   3634875.90       18.92822  (20021724)                502571.98
3634875.90       21.87211  (20021724)
        502621.98   3634875.90       24.95635  (20021724)                502671.98
3634875.90       28.04526  (20021724)
        504771.98   3634875.90       12.13959  (21071520)                504821.98
3634875.90       40.40568  (20011806)
        504871.98   3634875.90       56.18903  (20010802)                504921.98
3634875.90       52.03836  (20041904)
        504971.98   3634875.90       45.02735  (20041202)                505021.98
3634875.90       38.69064  (20082024)
        505071.98   3634875.90       34.93647  (20082024)                505121.98
3634875.90       34.18753  (20082024)
        505171.98   3634875.90       32.53156  (19030607)                505221.98
3634875.90       31.47631  (19030607)
        502221.98   3634925.90       12.00676  (19022707)                502271.98
3634925.90       12.99209  (19120120)
        502321.98   3634925.90       14.01775  (19120120)                502371.98
3634925.90       15.31936  (20021724)
        502421.98   3634925.90       17.63754  (20021724)                502471.98
3634925.90       20.08103  (20021724)
        502521.98   3634925.90       22.61346  (20021724)                502571.98
3634925.90       25.09702  (20021724)
        502621.98   3634925.90       29.78332  (21011719)                502671.98
3634925.90       36.79816  (21011719)
        504771.98   3634925.90       15.61355  (21071520)                504821.98
3634925.90       48.22329  (20011806)
        504871.98   3634925.90       56.85211  (20010802)                504921.98
3634925.90       59.68711  (20082106)
        504971.98   3634925.90       51.33522  (20082106)                505021.98
3634925.90       37.88849  (20041202)
        505071.98   3634925.90       33.98250  (20072505)                505121.98
3634925.90       33.11231  (20072505)
        505171.98   3634925.90       31.94982  (20082024)                505221.98
3634925.90       31.21169  (20082024)
        502221.98   3634975.90       12.86987  (19120120)                502271.98
3634975.90       14.47063  (20021724)
        502321.98   3634975.90       16.44581  (20021724)                502371.98
3634975.90       18.51939  (20021724)
        502421.98   3634975.90       20.61480  (20021724)                502471.98
3634975.90       22.63697  (20021724)
        502521.98   3634975.90       26.80437  (21011719)                502571.98
3634975.90       32.62483  (21011719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 ,
L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 37.89002 | (21011719) | 502671.98 | 3634975.90 | 41.64300 | (21011719) |
| 504821.98 | 3634975.90 | 44.32416 | (20011806) | 504871.98 | 3634975.90 | 50.22669 | (21122806) |
| 504921.98 | 3634975.90 | 58.53069 | (20092620) | 504971.98 | 3634975.90 | 55.46632 | (20082106) |
| 505021.98 | 3634975.90 | 48.04378 | (20082106) | 505071.98 | 3634975.90 | 39.90644 | (20082106) |
| 505121.98 | 3634975.90 | 36.12729 | (20082106) | 505171.98 | 3634975.90 | 34.20696 | (20041202) |
| 505221.98 | 3634975.90 | 31.83564 | (20041202) | 502221.98 | 3635025.90 | 15.37095 | (20021724) |
| 502271.98 | 3635025.90 | 17.13895 | (20021724) | 502321.98 | 3635025.90 | 18.89453 | (20021724) |
| 502371.98 | 3635025.90 | 20.57183 | (20021724) | 502421.98 | 3635025.90 | 24.28832 | (21011719) |
| 502471.98 | 3635025.90 | 29.20150 | (21011719) | 502521.98 | 3635025.90 | 33.65211 | (21011719) |
| 502571.98 | 3635025.90 | 36.91026 | (21011719) | 502621.98 | 3635025.90 | 38.25428 | (21011719) |
| 502671.98 | 3635025.90 | 37.15854 | (21011719) | 504871.98 | 3635025.90 | 54.82090 | (19030707) |
| 504921.98 | 3635025.90 | 60.38236 | (20092620) | 504971.98 | 3635025.90 | 60.21660 | (20092620) |
| 505021.98 | 3635025.90 | 48.67713 | (21011602) | 505071.98 | 3635025.90 | 45.92495 | (20082106) |
| 505121.98 | 3635025.90 | 46.16312 | (20082106) | 505171.98 | 3635025.90 | 42.22426 | (20082106) |
| 505221.98 | 3635025.90 | 35.99744 | (20082106) | 502221.98 | | | |

3635075.90 17.39160 (20021724)
502271.98 3635075.90 18.80264 (20021724) 502321.98
3635075.90 22.13542 (21011719)
502371.98 3635075.90 26.33283 (21011719) 502421.98
3635075.90 30.13826 (21011719)
502471.98 3635075.90 32.99710 (21011719) 502521.98
3635075.90 34.34681 (21011719)
502571.98 3635075.90 33.76387 (21011719) 502621.98
3635075.90 31.12287 (21011719)
502671.98 3635075.90 29.77686 (20022207) 504921.98
3635075.90 58.06940 (19030707)
504971.98 3635075.90 57.02301 (20092620) 505021.98
3635075.90 55.50999 (20092620)
505071.98 3635075.90 51.29102 (20082302) 505121.98
3635075.90 46.91597 (21011602)
505171.98 3635075.90 46.43220 (20082106) 505221.98
3635075.90 44.57470 (20082106)
502221.98 3635125.90 20.27630 (21011719) 502271.98
3635125.90 23.90186 (21011719)
502321.98 3635125.90 27.19238 (21011719) 502371.98
3635125.90 29.71801 (21011719)
502421.98 3635125.90 31.03374 (21011719) 502471.98
3635125.90 30.79285 (21011719)
502521.98 3635125.90 28.86416 (21011719) 502571.98
3635125.90 25.40332 (21011719)
502621.98 3635125.90 29.58918 (20022207) 502671.98
3635125.90 33.56613 (20022207)
505021.98 3635125.90 49.15441 (20092620) 505071.98
3635125.90 54.20356 (20092620)
505121.98 3635125.90 51.14160 (20092620) 505171.98
3635125.90 44.04352 (20092620)
505221.98 3635125.90 43.97135 (20092620) 502221.98
3635175.90 24.69010 (21011719)
502271.98 3635175.90 26.94255 (21011719) 502321.98
3635175.90 28.20332 (21011719)
502371.98 3635175.90 28.19809 (21011719) 502421.98
3635175.90 26.79091 (21011719)
502471.98 3635175.90 24.06303 (21011719) 502521.98
3635175.90 25.24650 (20022207)
502571.98 3635175.90 29.00051 (20022207) 502621.98
3635175.90 32.05261 (20022207)
502671.98 3635175.90 33.90267 (20022207) 505121.98
3635175.90 40.56473 (19030707)
505171.98 3635175.90 38.91821 (19030707) 505221.98
3635175.90 38.87903 (20092620)
502221.98 3635225.90 25.76173 (21011719) 502271.98
3635225.90 25.92342 (21011719)
502321.98 3635225.90 24.90923 (21011719) 502371.98
3635225.90 22.75563 (21011719)
502421.98 3635225.90 21.65872 (20022207) 502471.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635375.90 21.33026 (20022207)
502321.98 3635375.90 27.28555 (20022207) 502371.98
3635375.90 32.75693 (20022207)
502421.98 3635375.90 35.87597 (19012005) 502471.98
3635375.90 37.19655 (19012005)
502521.98 3635375.90 33.20264 (21012023) 502571.98
3635375.90 26.49469 (21012023)
502621.98 3635375.90 26.62951 (21012023) 502671.98
3635375.90 25.33830 (21012023)
502221.98 3635425.90 31.26283 (21052423) 502271.98
3635425.90 22.32227 (20022207)
502321.98 3635425.90 30.67096 (20022207) 502371.98
3635425.90 32.20217 (19012005)
502421.98 3635425.90 33.79179 (20122320) 502471.98
3635425.90 36.13256 (21012023)
502521.98 3635425.90 37.01784 (21012023) 502571.98
3635425.90 35.30785 (21012023)
502621.98 3635425.90 31.85780 (21012023) 502671.98
3635425.90 32.31374 (20122721)
504771.98 3635425.90 20.57629 (19030801) 502221.98
3635475.90 30.37191 (21031323)
502271.98 3635475.90 30.86824 (19012005) 502321.98
3635475.90 31.92773 (19012005)
502371.98 3635475.90 32.24901 (20122320) 502421.98
3635475.90 34.59200 (21012023)
502471.98 3635475.90 37.66982 (21012023) 502521.98
3635475.90 33.91989 (21012023)
502571.98 3635475.90 30.30960 (20122721) 502621.98
3635475.90 31.86274 (20122721)
502671.98 3635475.90 34.98799 (20070801) 504771.98
3635475.90 42.54838 (21122618)
504821.98 3635475.90 45.07030 (21122618) 504871.98
3635475.90 44.51218 (21122618)
504921.98 3635475.90 36.73703 (21122618) 502221.98
3635525.90 39.04732 (19012005)
502271.98 3635525.90 31.87551 (19012005) 502321.98
3635525.90 31.37616 (20071201)
502371.98 3635525.90 32.76186 (21012023) 502421.98
3635525.90 33.93027 (21012023)
502471.98 3635525.90 32.81577 (21012023) 502521.98
3635525.90 30.51054 (20122721)
502571.98 3635525.90 32.50906 (20122721) 502621.98
3635525.90 35.95558 (20070801)
502671.98 3635525.90 36.78557 (20070801) 502721.98
3635525.90 44.27363 (20070802)
502771.98 3635525.90 47.55081 (20070802) 502821.98
3635525.90 47.24523 (20111121)
502871.98 3635525.90 50.70008 (19091321) 502921.98
3635525.90 52.32682 (19091321)
502971.98 3635525.90 57.88889 (20042421) 503021.98

3635525.90       57.01172  (20042421)
        503071.98   3635525.90       43.81268  (20110924)                503121.98
3635525.90       24.07793  (19121706)
        503171.98   3635525.90       21.62919  (19020322)                503221.98
3635525.90       48.24995  (20091222)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503271.98   3635525.90       52.83452  (19111601)                503321.98
3635525.90       55.82872  (20033120)
        503371.98   3635525.90       59.76566  (19071201)                503421.98
3635525.90       65.72529  (20101023)
        503471.98   3635525.90       66.40202  (21061224)                503521.98
3635525.90       76.05613  (19031924)
        503571.98   3635525.90       62.23191  (20090823)                503621.98
3635525.90       54.45420  (21081004)
        503671.98   3635525.90       54.71682  (19101219)                503721.98
3635525.90       55.36683  (21012024)
        503771.98   3635525.90       62.32230  (20071102)                503821.98
3635525.90       52.74853  (20071102)
        503871.98   3635525.90       51.95112  (19013104)                503921.98
3635525.90       70.85445  (19122420)
        503971.98   3635525.90       72.54555  (19122420)                504021.98
3635525.90       55.16880  (20092001)
        504071.98   3635525.90       24.02965  (21013118)                504121.98
3635525.90       29.98020  (21013118)
        504171.98   3635525.90       32.27040  (21013118)                504221.98
3635525.90       30.18895  (21013118)
        504271.98   3635525.90       24.69136  (21013118)                504321.98

3635525.90 17.86561 (21013118)
504371.98 3635525.90 11.59019 (21013118) 504421.98
3635525.90 9.30678 (19031219)
504471.98 3635525.90 11.93583 (20040223) 504521.98
3635525.90 14.32293 (20040223)
504571.98 3635525.90 17.20154 (20011620) 504621.98
3635525.90 20.48289 (20011620)
504671.98 3635525.90 22.61050 (20011620) 504721.98
3635525.90 41.78205 (21090701)
504771.98 3635525.90 40.16326 (21090701) 504821.98
3635525.90 42.22193 (21122618)
504871.98 3635525.90 46.35683 (21122618) 504921.98
3635525.90 40.37117 (21122618)
504971.98 3635525.90 35.71900 (21122618) 505021.98
3635525.90 33.22291 (20091421)
505071.98 3635525.90 28.12560 (21012617) 505121.98
3635525.90 29.52356 (19102623)
505171.98 3635525.90 31.84091 (19102623) 505221.98
3635525.90 30.62615 (19102623)
502221.98 3635575.90 38.25007 (19083024) 502271.98
3635575.90 32.50630 (20071201)
502321.98 3635575.90 31.85431 (21012023) 502371.98
3635575.90 32.29246 (21012023)
502421.98 3635575.90 31.50130 (21072005) 502471.98
3635575.90 31.23296 (21110406)
502521.98 3635575.90 31.62433 (20070801) 502571.98
3635575.90 33.88143 (20070801)
502621.98 3635575.90 34.35351 (20070801) 502671.98
3635575.90 41.96784 (20070802)
502721.98 3635575.90 46.53853 (20070802) 502771.98
3635575.90 45.26378 (19100620)
502821.98 3635575.90 48.78209 (19091321) 502871.98
3635575.90 52.21676 (19091321)
502921.98 3635575.90 54.84027 (20042421) 502971.98
3635575.90 59.22878 (20042421)
503021.98 3635575.90 50.92662 (20042421) 503071.98
3635575.90 49.95877 (20110924)
503121.98 3635575.90 19.95943 (19121706) 503171.98
3635575.90 21.48891 (19020322)
503221.98 3635575.90 60.82950 (20091222) 503271.98
3635575.90 57.67752 (19111601)
503321.98 3635575.90 66.05817 (20033120) 503371.98
3635575.90 68.14338 (19071201)
503421.98 3635575.90 70.18285 (20101023) 503471.98
3635575.90 66.34642 (21061224)
503521.98 3635575.90 72.20428 (19031924) 503571.98
3635575.90 64.71305 (20090823)
503621.98 3635575.90 62.17348 (21081004) 503671.98
3635575.90 60.42050 (19101219)
503721.98 3635575.90 55.64351 (19101219) 503771.98

3635575.90       59.65695  (20071102)
        503821.98   3635575.90       47.90499  (20071102)                503871.98
3635575.90       51.61490  (21061222)
        503921.98   3635575.90       65.69962  (19122420)                503971.98
3635575.90       70.26136  (19122420)
        504021.98   3635575.90       18.95168  (21041323)                504071.98
3635575.90       20.77604  (21013118)
        504121.98   3635575.90       26.84777  (21013118)                504171.98
3635575.90       30.15957  (21013118)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635575.90 31.65490 (20091421)
505121.98 3635575.90 31.26483 (20091421) 505171.98
3635575.90 26.49894 (19102623)
505221.98 3635575.90 33.03846 (19102623) 502221.98
3635625.90 35.76474 (20071201)
502271.98 3635625.90 34.77102 (20071201) 502321.98
3635625.90 32.96438 (21072005)
502371.98 3635625.90 29.75404 (21072005) 502421.98
3635625.90 34.73325 (21110406)
502471.98 3635625.90 36.94989 (20070801) 502521.98
3635625.90 38.72058 (20070801)
502571.98 3635625.90 34.05166 (20070801) 502621.98
3635625.90 37.41783 (20070802)
502671.98 3635625.90 43.81103 (20070802) 502721.98
3635625.90 44.51008 (19100620)
502771.98 3635625.90 46.58501 (19091321) 502821.98
3635625.90 52.11462 (19091321)
502871.98 3635625.90 52.05662 (21061223) 502921.98
3635625.90 58.46044 (20042421)
502971.98 3635625.90 53.68847 (20042421) 503021.98
3635625.90 50.81317 (20110924)
503071.98 3635625.90 58.64902 (20110924) 503121.98
3635625.90 57.20018 (19073101)
503171.98 3635625.90 59.40865 (20091222) 503221.98
3635625.90 57.02535 (19111601)
503271.98 3635625.90 55.24258 (20033120) 503321.98
3635625.90 61.83719 (20033120)
503371.98 3635625.90 66.64899 (20101023) 503421.98
3635625.90 62.80049 (20101023)
503471.98 3635625.90 61.91238 (20120224) 503521.98
3635625.90 60.84775 (20090823)
503571.98 3635625.90 59.33831 (21081004) 503621.98
3635625.90 67.81281 (21081004)
503671.98 3635625.90 67.45209 (19101219) 503721.98
3635625.90 59.11322 (19021305)
503771.98 3635625.90 64.44941 (20071102) 503821.98
3635625.90 50.33687 (20071102)
503871.98 3635625.90 45.77648 (21061222) 503921.98
3635625.90 59.49280 (19122420)
503971.98 3635625.90 65.53607 (19122420) 504021.98
3635625.90 18.46632 (21041323)
504071.98 3635625.90 17.89637 (21013118) 504121.98
3635625.90 23.86719 (21013118)
504171.98 3635625.90 27.86304 (21013118) 504221.98
3635625.90 28.56901 (21013118)
504271.98 3635625.90 25.88770 (21013118) 504321.98
3635625.90 20.88056 (21013118)
504371.98 3635625.90 15.10403 (21013118) 504421.98
3635625.90 9.92358 (21013118)
504471.98 3635625.90 8.31875 (19031219) 504521.98

3635625.90        9.90780  (20040223)
        504571.98   3635625.90       12.01812  (20040223)                504621.98
3635625.90       13.77130  (20011620)
        504671.98   3635625.90       16.82825  (20011620)                504721.98
3635625.90       19.18085  (20011620)
        504771.98   3635625.90       34.82442  (21090701)                504821.98
3635625.90       38.47430  (21090701)
        504871.98   3635625.90       34.84527  (21090701)                504921.98
3635625.90       17.67882  (20011620)
        504971.98   3635625.90       40.78289  (21122618)                505021.98
3635625.90       23.82277  (21122618)
        505071.98   3635625.90       20.94505  (21012617)                505121.98
3635625.90       30.42430  (20091421)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                    INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635675.90 48.68653 (19091321)
502821.98 3635675.90 48.91832 (19071423) 502871.98
3635675.90 53.39897 (20042421)
502921.98 3635675.90 50.51945 (19121706) 502971.98
3635675.90 46.30106 (19121706)
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3635675.90 45.58113 (20110924)
503121.98 3635675.90 44.98350 (19073101) 503171.98
3635675.90 45.84150 (20091222)
503221.98 3635675.90 45.37115 (19111601) 503271.98
3635675.90 48.97949 (20033120)
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3635675.90 56.37705 (20101023)
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3635675.90 58.05647 (20120224)
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3635675.90 56.38917 (21081004)
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3635675.90 65.56183 (19101219)
503721.98 3635675.90 58.50527 (19021305) 503771.98
3635675.90 64.02693 (20071102)
503821.98 3635675.90 50.67465 (20071102) 503871.98
3635675.90 48.40580 (21061222)
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3635675.90 65.21233 (19122420)
504021.98 3635675.90 44.57834 (19122420) 504071.98
3635675.90 15.37314 (21013118)
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3635675.90 25.49072 (21013118)
504221.98 3635675.90 27.21030 (21013118) 504271.98
3635675.90 25.77465 (21013118)
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3635675.90 16.59132 (21013118)
504421.98 3635675.90 11.45777 (21013118) 504471.98
3635675.90 8.08706 (19031219)
504521.98 3635675.90 8.02651 (20040223) 504571.98
3635675.90 10.07335 (20040223)
504621.98 3635675.90 11.91421 (20040223) 504671.98
3635675.90 13.83354 (20011620)
504721.98 3635675.90 16.52480 (20011620) 504771.98
3635675.90 32.43349 (21090701)
504821.98 3635675.90 34.83636 (21090701) 504871.98
3635675.90 35.15047 (21090701)
504921.98 3635675.90 19.19541 (20011620) 504971.98
3635675.90 36.80663 (21122618)
505021.98 3635675.90 37.55111 (21122618) 505071.98
3635675.90 27.84853 (21122618)
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3635675.90 28.85334 (20091421)
505221.98 3635675.90 23.71206 (21012617) 502221.98

3635725.90       32.98511  (21012023)
        502271.98   3635725.90       29.92373  (20121101)                502321.98
3635725.90       31.95410  (21110406)
        502371.98   3635725.90       33.87999  (20070801)                502421.98
3635725.90       35.19679  (20070801)
        502471.98   3635725.90       33.17440  (20070801)                502521.98
3635725.90       36.32385  (20070802)
        502571.98   3635725.90       40.50101  (20070802)                502621.98
3635725.90       39.78039  (19100620)
        502671.98   3635725.90       41.33896  (20111121)                502721.98
3635725.90       45.94201  (19091321)
        502771.98   3635725.90       46.07724  (19071423)                502821.98
3635725.90       48.84601  (20042421)
        502871.98   3635725.90       49.76077  (20042421)                502921.98
3635725.90       47.86373  (19121706)
        502971.98   3635725.90       38.50078  (19121706)                503021.98
3635725.90       40.33570  (21100523)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3635725.90       51.29076  (20090823)
        503571.98   3635725.90       55.57801  (21081004)                503621.98
3635725.90       58.02937  (21081004)
        503671.98   3635725.90       62.56023  (19101219)                503721.98
3635725.90       55.64490  (19021305)
        503771.98   3635725.90       60.80231  (20071102)                503821.98
3635725.90       49.10760  (20071102)
        503871.98   3635725.90       48.75345  (21061222)                503921.98
3635725.90       54.82118  (19013104)
        503971.98   3635725.90       65.15372  (19122420)                504021.98
3635725.90       47.86662  (19122420)
        504071.98   3635725.90       44.88870  (20092001)                504121.98
3635725.90       21.86387  (21013118)
        504171.98   3635725.90       23.12088  (21013118)                504221.98
3635725.90       39.63080  (21013118)
        504271.98   3635725.90       38.94645  (21013118)                504321.98
3635725.90       22.34425  (21013118)
        504371.98   3635725.90       17.81316  (21013118)                504421.98
3635725.90       12.90449  (21013118)
        504471.98   3635725.90        8.57960  (21013118)                504521.98
3635725.90       27.86930  (19022602)
        504571.98   3635725.90        8.30399  (20040223)                504621.98
3635725.90       10.14830  (20040223)
        504671.98   3635725.90       23.93852  (21121422)                504721.98
3635725.90       13.81373  (20011620)
        504771.98   3635725.90       16.16949  (20011620)                504821.98
3635725.90       24.38027  (20011620)
        504871.98   3635725.90       18.54564  (20011620)                504921.98
3635725.90       18.31249  (20011620)
        504971.98   3635725.90       31.70893  (21081602)                505021.98
3635725.90       36.40515  (21122618)
        505071.98   3635725.90       35.41482  (21122618)                505121.98
3635725.90       37.16876  (21122618)
        505171.98   3635725.90       31.62600  (21122618)                505221.98
3635725.90       26.73664  (20091421)
        502221.98   3635775.90       31.49485  (20122721)                502271.98
3635775.90       32.01237  (20122721)
        502321.98   3635775.90       32.02872  (20070801)                502371.98
3635775.90       33.46880  (20070801)
        502421.98   3635775.90       31.41510  (20070801)                502471.98
3635775.90       34.04777  (20070802)
        502521.98   3635775.90       38.19331  (20070802)                502571.98
3635775.90       38.57955  (20070802)
        502621.98   3635775.90       39.22956  (20111121)                502671.98
3635775.90       42.50982  (19091321)
        502721.98   3635775.90       44.60047  (19091321)                502771.98
3635775.90       45.70562  (20042421)
        502821.98   3635775.90       48.79226  (20042421)                502871.98
3635775.90       45.05549  (19121706)
        502921.98   3635775.90       40.81597  (19121706)                502971.98
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3635775.90       37.32420  (20110924)
        503021.98   3635775.90       39.00480  (21041406)                503071.98
3635775.90       43.32353  (21021621)
        503121.98   3635775.90       41.63202  (21021621)                503171.98
3635775.90       40.54549  (21112718)
        503221.98   3635775.90       47.88348  (19050823)                503271.98
3635775.90       45.77714  (21100603)
        503321.98   3635775.90       49.22119  (21100603)                503371.98
3635775.90       50.10854  (20120224)
        503421.98   3635775.90       56.83678  (20120224)                503471.98
3635775.90       50.69245  (19072124)
        503521.98   3635775.90       49.83260  (21021806)                503571.98
3635775.90       49.26491  (21021806)
        503621.98   3635775.90       47.58590  (21081004)                503671.98
3635775.90       57.31952  (19101219)
        503721.98   3635775.90       53.22985  (19021305)                503771.98
3635775.90       57.56359  (20071102)
        503821.98   3635775.90       47.27541  (20071102)                503871.98
3635775.90       48.90566  (21061222)
        503921.98   3635775.90       54.11929  (19013104)                503971.98
3635775.90       65.20893  (19122420)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

```
3635775.90       40.57151  (21013118)
        504321.98   3635775.90       38.94730  (20121721)                504371.98
3635775.90       23.06877  (20121721)
        504421.98   3635775.90       14.20918  (21013118)                504471.98
3635775.90       27.53148  (20092821)
        504521.98   3635775.90       36.30220  (19022602)                504571.98
3635775.90        6.97387  (21032918)
        504621.98   3635775.90       29.42522  (21121422)                504671.98
3635775.90       18.41221  (21121422)
        504721.98   3635775.90       11.54485  (20040223)                504771.98
3635775.90       13.72370  (20011620)
        504821.98   3635775.90       15.77427  (20011620)                504871.98
3635775.90       17.13371  (20011620)
        504921.98   3635775.90       18.61017  (20011620)                504971.98
3635775.90       33.25195  (21090701)
        505021.98   3635775.90       32.15774  (21081602)                505071.98
3635775.90       32.80357  (21122618)
        505121.98   3635775.90       36.31499  (21122618)                505171.98
3635775.90       34.88990  (21122618)
        505221.98   3635775.90       30.06646  (21122618)                502221.98
3635825.90       34.35907  (20122721)
        502271.98   3635825.90       31.99530  (20122721)                502321.98
3635825.90       31.10429  (20070801)
        502371.98   3635825.90       29.96055  (20070801)                502421.98
3635825.90       31.79418  (20070802)
        502471.98   3635825.90       36.00227  (20070802)                502521.98
3635825.90       36.35341  (20070802)
        502571.98   3635825.90       37.31465  (21121424)                502621.98
3635825.90       39.29610  (19091321)
        502671.98   3635825.90       42.15813  (19091321)                502721.98
3635825.90       41.88485  (19071423)
        502771.98   3635825.90       46.74852  (20042421)                502821.98
3635825.90       44.15654  (20042421)
        502871.98   3635825.90       40.70001  (19121706)                502921.98
3635825.90       34.32200  (21100523)
        502971.98   3635825.90       36.17636  (21100523)                503021.98
3635825.90       40.28880  (21021621)
        503071.98   3635825.90       42.30892  (21021621)                503121.98
3635825.90       41.35024  (21112718)
        503171.98   3635825.90       42.60339  (19050823)                503221.98
3635825.90       45.68192  (19050823)
        503271.98   3635825.90       46.11953  (21100603)                503321.98
3635825.90       45.90869  (21100603)
        503371.98   3635825.90       51.32834  (20120224)                503421.98
3635825.90       53.80812  (20120224)
        503471.98   3635825.90       49.07169  (19072124)                503521.98
3635825.90       45.17591  (21021806)
        503571.98   3635825.90       47.58974  (19051001)                503621.98
3635825.90       42.64670  (19080922)
        503671.98   3635825.90       48.68839  (19101219)                503721.98
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3635825.90       49.47056  (21012024)
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3635825.90       44.69603  (20071102)
        503871.98   3635825.90       45.42600  (21061222)                503921.98
3635825.90       50.93853  (19013104)
        503971.98   3635825.90       60.95304  (19122420)                504021.98
3635825.90       55.81421  (19122420)
        504071.98   3635825.90       51.29033  (20092001)                504121.98
3635825.90       57.50821  (20092001)
        504171.98   3635825.90       50.01949  (21060422)                504221.98
3635825.90       49.40113  (21060422)
        504271.98   3635825.90       44.41755  (21070824)                504321.98
3635825.90       43.66887  (19012903)
        504371.98   3635825.90       43.21002  (20121721)                504421.98
3635825.90       40.07660  (20121721)
        504471.98   3635825.90       38.10883  (20092821)                504521.98
3635825.90       35.35100  (19022602)
        504571.98   3635825.90       36.18870  (19022602)                504621.98
3635825.90       34.12273  (19022602)
        504671.98   3635825.90       28.15784  (21121422)                504721.98
3635825.90       10.11267  (20040223)
        504771.98   3635825.90       11.35662  (20011620)                504821.98
3635825.90       16.47676  (20011620)
        504871.98   3635825.90       22.49546  (21090701)                504921.98
3635825.90       24.59538  (21090701)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3635825.90 30.79376 (21090701)
505071.98 3635825.90 29.93795 (21081602) 505121.98
3635825.90 32.86785 (21122618)
505171.98 3635825.90 35.38696 (21122618) 505221.98
3635825.90 33.83592 (21122618)
502221.98 3635875.90 33.86684 (20122721) 502271.98
3635875.90 29.18320 (20122721)
502321.98 3635875.90 28.86272 (19031105) 502371.98
3635875.90 30.12722 (20070802)
502421.98 3635875.90 33.73554 (20070802) 502471.98
3635875.90 34.64684 (20070802)
502521.98 3635875.90 36.49522 (21121424) 502571.98
3635875.90 36.29596 (21121424)
502621.98 3635875.90 38.37263 (19091321) 502671.98
3635875.90 38.84256 (19071423)
502721.98 3635875.90 42.71462 (20042421) 502771.98
3635875.90 43.52524 (20042421)
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3635875.90 34.39744 (19121706)
502921.98 3635875.90 35.97322 (21100523) 502971.98
3635875.90 35.64437 (21041406)
503021.98 3635875.90 40.67428 (21021621) 503071.98
3635875.90 39.12854 (21112718)
503121.98 3635875.90 39.26646 (21112718) 503171.98
3635875.90 43.30233 (19050823)
503221.98 3635875.90 42.36288 (19050823) 503271.98
3635875.90 45.45345 (21100603)
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3635875.90 51.22402 (20120224)
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3635875.90 46.91132 (19072124)
503521.98 3635875.90 43.36840 (19051001) 503571.98
3635875.90 45.35396 (19051001)
503621.98 3635875.90 40.40950 (19080922) 503671.98
3635875.90 46.43727 (19101219)
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3635875.90 50.50140 (20071102)
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3635875.90 39.67371 (21061222)
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3635875.90 56.76998 (19122420)
504021.98 3635875.90 57.33670 (19122420) 504071.98
3635875.90 49.66148 (21062624)
504121.98 3635875.90 54.89489 (20092001) 504171.98
3635875.90 49.96292 (20092001)
504221.98 3635875.90 53.56843 (21060422) 504271.98
3635875.90 44.68941 (21060422)
504321.98 3635875.90 45.77462 (19012903) 504371.98
3635875.90 46.80722 (20121721)
504421.98 3635875.90 49.68503 (20121721) 504471.98

3635875.90       41.28392  (20092821)
        504521.98   3635875.90       37.00947  (20092821)                504571.98
3635875.90       36.36863  (19022602)
        504621.98   3635875.90       36.68198  (19022602)                504671.98
3635875.90       33.41291  (21121422)
        504721.98   3635875.90        8.71315  (20040223)                504771.98
3635875.90       10.01318  (20040223)
        504821.98   3635875.90       18.18097  (21121422)                504871.98
3635875.90       19.45573  (21061321)
        504921.98   3635875.90       22.54686  (21090701)                504971.98
3635875.90       29.01393  (21090701)
        505021.98   3635875.90       29.75033  (21090701)                505071.98
3635875.90       28.16918  (21090701)
        505121.98   3635875.90       28.17144  (21081602)                505171.98
3635875.90       32.17769  (21122618)
        505221.98   3635875.90       34.41332  (21122618)                502221.98
3635925.90       30.54985  (19031105)
        502271.98   3635925.90       29.12179  (19031105)                502321.98
3635925.90       27.95545  (20040823)
        502371.98   3635925.90       32.19776  (20070802)                502421.98
3635925.90       32.78405  (20070802)
        502471.98   3635925.90       34.56203  (21121424)                502521.98
3635925.90       36.16892  (21121424)
        502571.98   3635925.90       35.20480  (19091321)                502621.98
3635925.90       35.55260  (19071423)
        502671.98   3635925.90       37.97725  (20042421)                502721.98
3635925.90       40.64297  (20042421)
        502771.98   3635925.90       39.24127  (19121706)                502821.98
3635925.90       35.80881  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)

```
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3635925.90       34.12667  (21122618)
        502221.98   3635975.90       30.72933  (19031105)                502271.98
3635975.90       28.14457  (20040823)
        502321.98   3635975.90       27.46576  (20070802)                502371.98
3635975.90       31.05655  (20070802)
        502421.98   3635975.90       33.36289  (21121424)                502471.98
3635975.90       34.58626  (21121424)
        502521.98   3635975.90       32.86758  (21121424)                502571.98
3635975.90       34.00985  (19071423)
        502621.98   3635975.90       34.78743  (20042421)                502671.98
3635975.90       37.26902  (20042421)
        502721.98   3635975.90       38.88916  (19121706)                502771.98
3635975.90       36.48462  (19121706)
        502821.98   3635975.90       30.22015  (20110924)                502871.98
3635975.90       32.82837  (20110924)
        502921.98   3635975.90       33.30089  (20070104)                502971.98
3635975.90       37.21856  (21021621)
        503021.98   3635975.90       36.04090  (21112718)                503071.98
3635975.90       36.64590  (21112718)
        503121.98   3635975.90       39.79333  (19050823)                503171.98
3635975.90       40.17064  (19050823)
        503221.98   3635975.90       41.30199  (21100603)                503271.98
3635975.90       40.69402  (21100603)
        503321.98   3635975.90       43.61594  (20120224)                503371.98
3635975.90       48.59931  (20120224)
        503421.98   3635975.90       44.87023  (19072124)                503471.98
3635975.90       39.51805  (20052321)
        503521.98   3635975.90       42.27204  (19051001)                503571.98
3635975.90       39.42443  (19051001)
        503621.98   3635975.90       37.13042  (19101219)                503671.98
3635975.90       43.87912  (21041324)
        503721.98   3635975.90       45.26939  (21012024)                503771.98
3635975.90       42.75137  (19072223)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 36.05234 | (19072223) | 503871.98 | 3635975.90 | 35.07532 | (21061222) |
| 503921.98 | 3635975.90 | 41.08724 | (19013104) | 503971.98 | 3635975.90 | 48.91685 | (19122420) |
| 504021.98 | 3635975.90 | 52.17968 | (19122420) | 504071.98 | 3635975.90 | 43.25610 | (21062101) |
| 504121.98 | 3635975.90 | 43.24896 | (20092001) | 504171.98 | 3635975.90 | 42.75611 | (20092001) |
| 504221.98 | 3635975.90 | 41.44050 | (21060422) | 504271.98 | 3635975.90 | 42.90504 | (21060422) |
| 504321.98 | 3635975.90 | 43.85087 | (21013118) | 504371.98 | 3635975.90 | 41.38361 | (21013118) |
| 504421.98 | 3635975.90 | 43.54963 | (20121721) | 504471.98 | 3635975.90 | 47.90287 | (20121721) |
| 504521.98 | 3635975.90 | 45.91686 | (20092821) | 504571.98 | 3635975.90 | 42.34088 | (20092821) |
| 504621.98 | 3635975.90 | 42.00568 | (19022602) | 504671.98 | 3635975.90 | 43.22917 | (19022602) |
| 504721.98 | 3635975.90 | 37.67594 | (20011818) | 504771.98 | 3635975.90 | 37.39002 | (21121422) |
| 504821.98 | 3635975.90 | 31.14732 | (21121422) | 504871.98 | 3635975.90 | 24.17811 | (21121422) |
| 504921.98 | 3635975.90 | 20.23027 | (21061321) | 504971.98 | 3635975.90 | 23.28285 | (21061321) |
| 505021.98 | 3635975.90 | 25.83401 | (21090701) | 505071.98 | 3635975.90 | 29.88328 | (21090701) |
| 505121.98 | 3635975.90 | 30.17813 | (21090701) | 505171.98 | 3635975.90 | 28.16406 | (21090701) |
| 505221.98 | 3635975.90 | 26.79564 | (21081602) | 501721.98 | 3632475.90 | 3.06431 | (19010119) |
| 501821.98 | 3632475.90 | 2.61472 | (21030103) | 501921.98 | 3632475.90 | 4.11893 | (21030103) |
| 502021.98 | 3632475.90 | 6.03202 | (21030103) | 502121.98 | 3632475.90 | 8.05908 | (21030103) |
| 502221.98 | 3632475.90 | 9.67391 | (21030103) | 502321.98 | 3632475.90 | 10.28646 | (21030103) |
| 502421.98 | 3632475.90 | 12.93285 | (20121603) | 502521.98 | 3632475.90 | 15.29983 | (20121603) |
| 502621.98 | 3632475.90 | 14.96930 | (20121603) | 502721.98 | 3632475.90 | 12.15744 | (21063005) |
| 502821.98 | 3632475.90 | 12.46769 | (21063005) | 502921.98 | 3632475.90 | 19.57344 | (20102407) |
| 503021.98 | 3632475.90 | 23.86123 | (20111701) | 503121.98 | | | |

3632475.90       25.16376  (19050103)
        503221.98   3632475.90       38.42396  (19081924)                503321.98
3632475.90       30.46977  (21092304)
        503421.98   3632475.90       35.21119  (19101521)                503721.98
3632475.90       37.49908  (21020203)
        503821.98   3632475.90       37.63563  (20082921)                503921.98
3632475.90       28.26781  (20082921)
        504021.98   3632475.90       25.98322  (20080820)                504121.98
3632475.90       26.86672  (20022622)
        504221.98   3632475.90       26.67374  (21011302)                504321.98
3632475.90       27.32198  (21022205)
        504421.98   3632475.90       27.86631  (20022403)                504521.98
3632475.90       26.01081  (20052501)
        504621.98   3632475.90       25.27294  (20042404)                504721.98
3632475.90       24.58944  (20112701)
        504821.98   3632475.90       24.19018  (21022020)                504921.98
3632475.90       24.47514  (21120804)
        505021.98   3632475.90       23.94438  (20011902)                505121.98
3632475.90       23.40934  (19022705)
        505221.98   3632475.90       22.44721  (19031124)                505321.98
3632475.90       21.38993  (19121906)
        505421.98   3632475.90       20.66569  (21010522)                505521.98
3632475.90       20.38075  (20122923)
        505621.98   3632475.90       19.53420  (21010401)                505721.98
3632475.90       19.55027  (21022502)
        501721.98   3632575.90        3.80642  (19010119)                501821.98
3632575.90        3.38607  (19010119)
        501921.98   3632575.90        2.88895  (21030103)                502021.98
3632575.90        4.60456  (21030103)
        502121.98   3632575.90        6.77447  (21030103)                502221.98
3632575.90        9.01474  (21030103)
        502321.98   3632575.90       10.66542  (21030103)                502421.98
3632575.90       11.08505  (20121603)
        502521.98   3632575.90       14.97530  (20121603)                502621.98
3632575.90       16.72922  (20121603)
        502721.98   3632575.90       15.11825  (20121603)                502821.98
3632575.90       13.58196  (21063005)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920 , L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 16.82444 | (20102407) | 503021.98 | 3632575.90 | 23.63263 | (20102407) |
| 503121.98 | 3632575.90 | 26.97207 | (20111701) | 503221.98 | 3632575.90 | 38.57297 | (19081924) |
| 503321.98 | 3632575.90 | 36.75357 | (19081924) | 503421.98 | 3632575.90 | 38.15720 | (19110606) |
| 503721.98 | 3632575.90 | 38.32153 | (21020203) | 503821.98 | 3632575.90 | 38.11213 | (20082921) |
| 503921.98 | 3632575.90 | 24.57337 | (20081802) | 504021.98 | 3632575.90 | 29.43223 | (19032124) |
| 504121.98 | 3632575.90 | 30.62949 | (21013120) | 504221.98 | 3632575.90 | 26.37508 | (20081819) |
| 504321.98 | 3632575.90 | 29.46910 | (21022205) | 504421.98 | 3632575.90 | 28.77789 | (21011620) |
| 504521.98 | 3632575.90 | 28.29745 | (21013021) | 504621.98 | 3632575.90 | 27.73045 | (21120723) |
| 504721.98 | 3632575.90 | 26.86119 | (20101423) | 504821.98 | 3632575.90 | 26.64080 | (21011323) |
| 504921.98 | 3632575.90 | 26.05841 | (21010102) | 505021.98 | 3632575.90 | 24.66889 | (21022803) |
| 505121.98 | 3632575.90 | 24.41669 | (21021820) | 505221.98 | 3632575.90 | 23.86479 | (21011520) |
| 505321.98 | 3632575.90 | 22.76274 | (21010522) | 505421.98 | 3632575.90 | 22.03159 | (20122923) |
| 505521.98 | 3632575.90 | 20.86786 | (21010401) | 505621.98 | 3632575.90 | 21.05028 | (21022502) |
| 505721.98 | 3632575.90 | 19.58024 | (21010602) | 501721.98 | 3632675.90 | 4.48671 | (19010119) |
| 501821.98 | 3632675.90 | 4.20539 | (19010119) | 501921.98 | 3632675.90 | 3.75777 | (19010119) |
| 502021.98 | 3632675.90 | 3.20660 | (21030103) | 502121.98 | 3632675.90 | 5.17457 | (21030103) |
| 502221.98 | 3632675.90 | 7.64709 | (21030103) | 502321.98 | 3632675.90 | 10.12111 | (21030103) |
| 502421.98 | 3632675.90 | 11.76425 | (21030103) | 502521.98 | 3632675.90 | 13.31434 | (20121603) |
| 502621.98 | 3632675.90 | 17.16781 | (20121603) | 502721.98 | 3632675.90 | 17.88870 | (20121603) |
| 502821.98 | 3632675.90 | 25.84099 | (20092124) | 502921.98 | | | |

3632675.90       35.32090  (20092124)
        503021.98   3632675.90       27.89112  (20102407)                503721.98
3632675.90       40.38783  (21020203)
        503821.98   3632675.90       41.34438  (20082921)                503921.98
3632675.90       30.31983  (20032501)
        504021.98   3632675.90       32.19334  (19032124)                504121.98
3632675.90       33.72031  (21013120)
        504221.98   3632675.90       30.14019  (19102905)                504321.98
3632675.90       32.12146  (20022403)
        504421.98   3632675.90       31.83957  (21011620)                504521.98
3632675.90       28.61971  (20042404)
        504621.98   3632675.90       28.58015  (20112701)                504721.98
3632675.90       28.32475  (21022020)
        504821.98   3632675.90       28.21455  (21120804)                504921.98
3632675.90       26.80323  (20011902)
        505021.98   3632675.90       26.69203  (21021820)                505121.98
3632675.90       26.16629  (21011520)
        505221.98   3632675.90       24.77646  (21010522)                505321.98
3632675.90       23.74523  (20122923)
        505421.98   3632675.90       22.40287  (20100121)                505521.98
3632675.90       22.67599  (21022502)
        505621.98   3632675.90       21.05686  (21010602)                505721.98
3632675.90       20.79332  (20021702)
        502421.98   3632775.90       11.39806  (21030103)                502521.98
3632775.90       22.20416  (21030103)
        502621.98   3632775.90       20.43816  (21031822)                502721.98
3632775.90       19.39914  (20121603)
        502821.98   3632775.90       25.64526  (20121603)                502921.98
3632775.90       37.33828  (20090205)
        503021.98   3632775.90       40.00861  (20090205)                503121.98
3632775.90       38.73245  (20111701)
        503221.98   3632775.90       37.32619  (20111701)                503621.98
3632775.90       44.69398  (20050102)
        503721.98   3632775.90       43.93630  (21020203)                503821.98
3632775.90       41.66409  (20082921)
        503921.98   3632775.90       33.64283  (20032501)                504021.98
3632775.90       34.41364  (20022622)
        504121.98   3632775.90       34.94548  (21011302)                504221.98
3632775.90       33.63240  (19102905)
        504321.98   3632775.90       35.47094  (20022403)                504421.98
3632775.90       32.81808  (21013021)


                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  FORKS    ***
                                INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3632775.90       32.22240  (21120723)                504621.98
3632775.90       31.07424  (20101423)
        504721.98   3632775.90       31.11563  (21011323)                504821.98
3632775.90       29.70461  (20011902)
        504921.98   3632775.90       29.08346  (19022705)                505021.98
3632775.90       27.66127  (21011520)
        505121.98   3632775.90       26.55049  (21010522)                505221.98
3632775.90       25.52176  (20122923)
        505321.98   3632775.90       24.10661  (20100121)                505421.98
3632775.90       24.53285  (21022502)
        505521.98   3632775.90       22.66453  (21010602)                505621.98
3632775.90       22.51007  (20020804)
        505721.98   3632775.90       21.15080  (20011323)                501721.98
3632875.90        5.92177  (21111004)
        501821.98   3632875.90        5.42639  (19010119)                501921.98
3632875.90        5.44600  (19010119)
        502021.98   3632875.90        5.20059  (19010119)                502121.98
3632875.90        4.70090  (19010119)
        502221.98   3632875.90        4.00629  (21030103)                502321.98
3632875.90        6.65268  (21030103)
        502421.98   3632875.90        9.92143  (21030103)                502521.98
3632875.90       12.90619  (21030103)
        502621.98   3632875.90       14.28883  (21030103)                502721.98
3632875.90       18.95397  (20121603)
        502821.98   3632875.90       30.77573  (20121603)                502921.98
3632875.90       36.26578  (21063005)
        503021.98   3632875.90       36.72463  (20090205)                503121.98
3632875.90       36.49910  (20102407)
        503221.98   3632875.90       41.88476  (20111701)                503321.98
3632875.90       49.15520  (19081924)
        503421.98   3632875.90       43.04093  (19110606)                503621.98
3632875.90       45.96214  (20050102)
        503721.98   3632875.90       46.41814  (21020203)                503821.98
3632875.90       43.13628  (20082921)
        503921.98   3632875.90       30.99804  (20081802)                504021.98

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3632875.90       39.10468  (20022622)
        504121.98   3632875.90       37.75990  (21011302)                504221.98
3632875.90       37.64956  (21022205)
        504321.98   3632875.90       36.91359  (21011620)                504421.98
3632875.90       34.62523  (21013021)
        504521.98   3632875.90       33.52512  (20112701)                504621.98
3632875.90       33.30906  (21022020)
        504721.98   3632875.90       32.75487  (21010102)                504821.98
3632875.90       30.85333  (19022705)
        504921.98   3632875.90       30.39874  (20121007)                505021.98
3632875.90       28.90556  (19121906)
        505121.98   3632875.90       27.83273  (19122301)                505221.98
3632875.90       26.02786  (20100121)
        505321.98   3632875.90       26.60976  (21022502)                505421.98
3632875.90       24.40760  (21010602)
        505521.98   3632875.90       24.69118  (20020804)                505621.98
3632875.90       22.81273  (21012402)
        505721.98   3632875.90       22.22079  (20121123)                501721.98
3632975.90        7.31650  (21111004)
        501821.98   3632975.90        6.83983  (21111004)                501921.98
3632975.90        6.03982  (21111004)
        502021.98   3632975.90        6.02373  (19010119)                502121.98
3632975.90        5.82314  (19010119)
        505321.98   3632975.90       27.07913  (20021702)                505421.98
3632975.90       26.80223  (20020804)
        505521.98   3632975.90       25.36116  (21012402)                505621.98
3632975.90       23.51259  (20022406)
        505721.98   3632975.90       22.64969  (21012121)                501721.98
3633075.90        8.16343  (21111004)
        501821.98   3633075.90        8.23151  (21111004)                501921.98
3633075.90        7.88919  (21111004)
        502021.98   3633075.90        7.12036  (21111004)                502121.98
3633075.90        6.67868  (19010119)
        505321.98   3633075.90       28.88449  (20020804)                505421.98
3633075.90       27.60446  (21012402)
        505521.98   3633075.90       26.43587  (20022406)                505621.98
3633075.90       23.97681  (19010903)
        505721.98   3633075.90       23.54937  (21120121)                501721.98
3633175.90        8.14578  (21111004)
        501821.98   3633175.90        8.85764  (21111004)                501921.98
3633175.90        9.20506  (21111004)
        502021.98   3633175.90        9.07689  (21111004)                502121.98
3633175.90        8.39531  (21111004)
        505321.98   3633175.90       29.54706  (20121620)                505421.98
3633175.90       28.62215  (20022406)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS  ***
INCLUDING SOURCE(S):  L0000919  , L0000920 , L0000921  , L0000922  , L0000923  ,
L0000924  , L0000925  , L0000926  , L0000927  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 26.60879 | (20121318) | 505621.98 | 3633175.90 | 24.74633 | (21120121) |
| 505721.98 | 3633175.90 | 24.04438 | (21011022) | 501721.98 | 3633275.90 | 7.19262 | (21111004) |
| 501821.98 | 3633275.90 | 8.42584 | (21111004) | 501921.98 | 3633275.90 | 9.48853 | (21111004) |
| 502021.98 | 3633275.90 | 10.21076 | (21111004) | 502121.98 | 3633275.90 | 10.38807 | (21111004) |
| 505321.98 | 3633275.90 | 30.80452 | (19010903) | 505421.98 | 3633275.90 | 29.34104 | (21120121) |
| 505521.98 | 3633275.90 | 27.20090 | (21021801) | 505621.98 | 3633275.90 | 25.71307 | (20021024) |
| 505721.98 | 3633275.90 | 25.79366 | (21122302) | 501721.98 | 3633375.90 | 5.55955 | (21111004) |
| 501821.98 | 3633375.90 | 6.98551 | (21111004) | 501921.98 | 3633375.90 | 8.50347 | (21111004) |
| 502021.98 | 3633375.90 | 9.96781 | (21111004) | 502121.98 | 3633375.90 | 11.16019 | (21111004) |
| 505321.98 | 3633375.90 | 31.43889 | (21120121) | 505421.98 | 3633375.90 | 30.25498 | (21011022) |
| 505521.98 | 3633375.90 | 29.61003 | (21122302) | 505621.98 | 3633375.90 | 27.15682 | (21011724) |
| 505721.98 | 3633375.90 | 26.26722 | (21010408) | 501721.98 | 3633475.90 | 8.81296 | (21012320) |
| 501821.98 | 3633475.90 | 7.69212 | (21012320) | 501921.98 | 3633475.90 | 6.55759 | (21111004) |
| 502021.98 | 3633475.90 | 8.34320 | (21111004) | 502121.98 | 3633475.90 | 10.21826 | (21111004) |
| 505321.98 | 3633475.90 | 32.95783 | (20021024) | 505421.98 | 3633475.90 | 31.77605 | (21011724) |
| 505521.98 | 3633475.90 | 30.77575 | (21010408) | 505621.98 | | | |

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3633475.90       27.58478  (21011720)
        505721.98   3633475.90       26.91972  (20121406)                501721.98
3633575.90       12.39658  (21012320)
        501821.98   3633575.90       11.90457  (21012320)                501921.98
3633575.90       10.97890  (21012320)
        502021.98   3633575.90        9.65261  (21012320)                502121.98
3633575.90        8.06493  (21012320)
        505321.98   3633575.90       36.16748  (21010408)                505421.98
3633575.90       32.51154  (21011720)
        505521.98   3633575.90       31.58772  (20121406)                505621.98
3633575.90       28.37929  (20021305)
        505721.98   3633575.90       27.50249  (20021723)                501721.98
3633675.90       14.18433  (21012320)
        501821.98   3633675.90       14.83805  (21012320)                501921.98
3633675.90       15.10237  (21012320)
        502021.98   3633675.90       14.83207  (21012320)                502121.98
3633675.90       13.97333  (21012320)
        505321.98   3633675.90       37.31035  (20121406)                505421.98
3633675.90       33.74983  (20021723)
        505521.98   3633675.90       32.64651  (19011606)                505621.98
3633675.90       29.30691  (20012223)
        505721.98   3633675.90       28.71996  (19121305)                501721.98
3633775.90       13.00178  (21012320)
        501821.98   3633775.90       14.68985  (21012320)                501921.98
3633775.90       16.28695  (21012320)
        502021.98   3633775.90       17.62773  (21012320)                502121.98
3633775.90       18.49427  (21012320)
        505321.98   3633775.90       38.78785  (19011606)                505421.98
3633775.90       34.34274  (20012223)
        505521.98   3633775.90       32.08935  (21010422)                505621.98
3633775.90       29.75922  (19011923)
        505721.98   3633775.90       28.33478  (19011923)                501721.98
3633875.90        9.40594  (21012320)
        501821.98   3633875.90       11.35809  (21012320)                501921.98
3633875.90       13.47336  (21012320)
        502021.98   3633875.90       15.92005  (21012320)                502121.98
3633875.90       18.37718  (21012320)
        505321.98   3633875.90       37.93230  (19011923)                505421.98
3633875.90       34.88015  (19011923)
        505521.98   3633875.90       32.46047  (21022220)                505621.98
3633875.90       30.48089  (21022220)
        505721.98   3633875.90       29.23568  (20121224)                501721.98
3633975.90       11.20308  (19083104)
        501821.98   3633975.90       11.47046  (19083104)                501921.98
3633975.90       11.62961  (19083104)
        502021.98   3633975.90       11.64243  (19083104)                502121.98
3633975.90       13.35633  (21012320)
        505321.98   3633975.90       39.18667  (20121224)                505421.98
3633975.90       35.78674  (20020703)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                 INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3633975.90       32.47087  (21022324)                505621.98
3633975.90       30.26840  (21022324)
        505721.98   3633975.90       28.25359  (20122520)                501721.98
3634075.90       12.33486  (19083104)
        501821.98   3634075.90       13.23809  (19083104)                501921.98
3634075.90       14.15616  (19083104)
        502021.98   3634075.90       15.06392  (19083104)                502121.98
3634075.90       15.92801  (19083104)
        505321.98   3634075.90       39.33802  (21122121)                505421.98
3634075.90       36.95768  (21122121)
        505521.98   3634075.90       35.21342  (20121803)                505621.98
3634075.90       33.34379  (20121803)
        505721.98   3634075.90       30.47788  (21122201)                501721.98
3634175.90       10.63413  (19083104)
        501821.98   3634175.90       11.79479  (19083104)                501921.98
3634175.90       13.07621  (19083104)
        502021.98   3634175.90       14.44068  (19083104)                502121.98
3634175.90       16.05654  (19083104)
        505321.98   3634175.90       40.09470  (19021906)                505421.98
3634175.90       37.15393  (19021906)
        505521.98   3634175.90       34.29488  (20013123)                505621.98
3634175.90       32.03314  (20013123)
        505721.98   3634175.90       30.05544  (20013123)                501721.98
3634275.90        9.37030  (20022619)
        501821.98   3634275.90        9.99064  (20022619)                501921.98
3634275.90       10.67455  (20022619)
        502021.98   3634275.90       11.41452  (20022619)                502121.98

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3634275.90       12.26091  (20022619)
        505321.98   3634275.90       40.64577  (21013019)                505421.98
3634275.90       39.46996  (20092120)
        505521.98   3634275.90       33.87602  (21013019)                505621.98
3634275.90       31.16426  (21013019)
        505721.98   3634275.90       28.73165  (21013019)                501721.98
3634375.90       12.57912  (21021102)
        501821.98   3634375.90       13.56518  (21021102)                501921.98
3634375.90       14.60720  (21021102)
        502021.98   3634375.90       15.81710  (21021102)                502121.98
3634375.90       17.26635  (21021102)
        505321.98   3634375.90       46.13989  (21021007)                505421.98
3634375.90       42.30020  (21021007)
        505521.98   3634375.90       34.64551  (21021007)                505621.98
3634375.90       32.09504  (21021007)
        505721.98   3634375.90       29.86009  (21021007)                501721.98
3634475.90       15.78096  (21021102)
        501821.98   3634475.90       16.98845  (21021102)                501921.98
3634475.90       18.32002  (21021102)
        502021.98   3634475.90       19.84181  (21021102)                502121.98
3634475.90       21.49053  (21021102)
        505321.98   3634475.90       42.60017  (20011720)                505421.98
3634475.90       47.00715  (20011720)
        505521.98   3634475.90       37.17446  (20011720)                505621.98
3634475.90       31.45498  (20011720)
        505721.98   3634475.90       29.07123  (20011720)                501721.98
3634575.90       14.37145  (21021102)
        501821.98   3634575.90       15.07292  (21021102)                501921.98
3634575.90       15.80367  (21021102)
        502021.98   3634575.90       16.57275  (21021102)                502121.98
3634575.90       17.34905  (21021102)
        505321.98   3634575.90       45.44489  (20041201)                505421.98
3634575.90       49.86648  (20041201)
        505521.98   3634575.90       46.45106  (20041201)                505621.98
3634575.90       37.47608  (20041201)
        505721.98   3634575.90       29.23136  (20041201)                501721.98
3634675.90       10.74555  (19101801)
        501821.98   3634675.90       11.50613  (19101801)                501921.98
3634675.90       12.27886  (19101801)
        502021.98   3634675.90       13.80418  (19050903)                502121.98
3634675.90       15.94039  (19050903)
        505321.98   3634675.90       44.50837  (20081806)                505421.98
3634675.90       44.44428  (20081806)
        505521.98   3634675.90       37.66664  (20081806)                505621.98
3634675.90       33.20175  (19030304)
        505721.98   3634675.90       27.25109  (21082522)                501721.98
3634775.90       12.53469  (19050903)
        501821.98   3634775.90       14.01483  (19050903)                501921.98
3634775.90       15.53011  (19050903)
        502021.98   3634775.90       17.11116  (19050903)                502121.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3635075.90        7.73352  (19050903)
        501821.98   3635075.90        8.77040  (19022707)                501921.98
3635075.90       35.68258  (21112918)
        502021.98   3635075.90       35.31312  (21112918)                502121.98
3635075.90       14.38124  (20021724)
        505321.98   3635075.90       35.06998  (20041904)                505421.98
3635075.90       35.13992  (19022007)
        505521.98   3635075.90       30.07556  (19022007)                505621.98
3635075.90       25.66447  (19042006)
        505721.98   3635075.90       29.10627  (19042006)                501721.98
3635175.90       31.93391  (21112918)
        501821.98   3635175.90       29.83140  (21112918)                501921.98
3635175.90       38.97585  (19122123)
        502021.98   3635175.90       39.72377  (20021924)                502121.98
3635175.90       18.65038  (21011719)
        505321.98   3635175.90       26.84050  (21122806)                505421.98
3635175.90       29.70979  (20010802)
        505521.98   3635175.90       27.72510  (20010802)                505621.98
3635175.90       26.55972  (19022007)
        505721.98   3635175.90       25.59269  (19022007)                501721.98
3635275.90       35.83159  (20021924)
        501821.98   3635275.90       39.39066  (20021924)                501921.98
3635275.90       41.83586  (19012720)
        502021.98   3635275.90       38.27972  (21020304)                502121.98
3635275.90       45.53914  (21011719)
        505621.98   3635275.90       18.88045  (20010802)                505721.98
3635275.90       20.27327  (20010802)
        501721.98   3635375.90       32.80680  (19012720)                501821.98
3635375.90       32.76885  (21020304)
        501921.98   3635375.90       36.44719  (21011719)                502021.98
3635375.90       39.33531  (19111006)
        502121.98   3635375.90       33.92994  (21111519)                505621.98
3635375.90        5.17667  (21071520)
        501721.98   3635475.90       30.48187  (21011719)                501821.98
3635475.90       30.96646  (21011719)
        501921.98   3635475.90       32.78988  (19111006)                502021.98
3635475.90       36.97338  (21052423)
        502121.98   3635475.90       37.11919  (21052423)                505621.98
3635475.90        6.98847  (21071520)
        505721.98   3635475.90        5.48500  (21071520)                501721.98
3635575.90       24.61711  (21021622)
        501821.98   3635575.90       26.53847  (21052423)                501921.98
3635575.90       32.93485  (21052423)
        502021.98   3635575.90       32.66874  (19013101)                502121.98
3635575.90       35.45290  (19012005)
        505321.98   3635575.90       32.53438  (19102623)                505421.98
3635575.90       10.36279  (21071520)
        505521.98   3635575.90        9.52861  (21071520)                505621.98
3635575.90        8.33324  (21071520)
        505721.98   3635575.90        6.99498  (21071520)                501721.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FORKS    ***
                                   INCLUDING SOURCE(S):     L0000919    , L0000920
, L0000921    , L0000922    , L0000923    ,
                L0000924    , L0000925    , L0000926    , L0000927    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3635675.90        9.40488  (21071520)                505621.98
3635675.90        8.87628  (21071520)
        505721.98   3635675.90        7.98378  (21071520)                501721.98
3635775.90       30.72845  (19013101)
        501821.98   3635775.90       29.16415  (19013101)                501921.98
3635775.90       32.54579  (20122320)
        502021.98   3635775.90       32.69074  (21012023)                502121.98
3635775.90       34.15887  (21012023)
        505321.98   3635775.90       23.95144  (20091421)                505421.98
3635775.90       24.31483  (19102623)
        505521.98   3635775.90       28.23771  (19102623)                505621.98
3635775.90       22.88478  (19102623)
        505721.98   3635775.90       18.84887  (19102623)                501721.98
3635875.90       25.37171  (20122320)
        501821.98   3635875.90       31.32504  (20122320)                501921.98
3635875.90       32.31835  (21012023)
        502021.98   3635875.90       31.45222  (21012023)                502121.98
3635875.90       31.12361  (20122721)
        505321.98   3635875.90       31.42303  (20091421)                505421.98

3635875.90 22.25022 (20091421)
505521.98 3635875.90 20.47170 (19102623) 505621.98
3635875.90 25.23026 (19102623)
505721.98 3635875.90 25.67598 (19102623) 501721.98
3635975.90 26.70913 (20122320)
501821.98 3635975.90 30.48341 (21012023) 501921.98
3635975.90 27.78891 (21012023)
502021.98 3635975.90 30.39880 (20122721) 502121.98
3635975.90 32.91530 (20122721)
505321.98 3635975.90 33.06004 (21122618) 505421.98
3635975.90 25.76533 (21122618)
505521.98 3635975.90 20.82145 (20091421) 505621.98
3635975.90 17.94729 (19102623)
505721.98 3635975.90 22.03818 (19102623) 501721.98
3636075.90 26.89744 (21012023)
501821.98 3636075.90 23.23066 (20031920) 501921.98
3636075.90 28.91929 (20122721)
502021.98 3636075.90 30.59670 (20122721) 502121.98
3636075.90 28.81583 (19031105)
502221.98 3636075.90 26.38192 (20112322) 502321.98
3636075.90 32.06010 (21121424)
502421.98 3636075.90 32.03454 (21121424) 502521.98
3636075.90 30.05239 (19112801)
502621.98 3636075.90 36.00733 (19121706) 502721.98
3636075.90 32.85809 (19121706)
502821.98 3636075.90 29.46218 (21100523) 502921.98
3636075.90 34.57876 (21021621)
503021.98 3636075.90 33.95089 (21112718) 503121.98
3636075.90 37.74880 (19050823)
503221.98 3636075.90 38.84939 (21100603) 503321.98
3636075.90 44.74897 (20120224)
503421.98 3636075.90 41.05751 (19072124) 503521.98
3636075.90 38.80151 (21021806)
503621.98 3636075.90 34.76725 (19051020) 503721.98
3636075.90 42.73599 (21041324)
503821.98 3636075.90 35.38825 (19072223) 503921.98
3636075.90 40.72355 (19072224)
504021.98 3636075.90 42.43898 (19122420) 504121.98
3636075.90 33.09178 (19050321)
504221.98 3636075.90 35.43556 (19050322) 504321.98
3636075.90 40.31318 (21013118)
504421.98 3636075.90 38.02979 (21013118) 504521.98
3636075.90 30.88167 (19080523)
504621.98 3636075.90 30.49451 (20102221) 504721.98
3636075.90 36.54156 (19022602)
504821.98 3636075.90 40.01787 (21121422) 504921.98
3636075.90 29.01821 (21121422)
505021.98 3636075.90 25.46942 (21061321) 505121.98
3636075.90 25.80603 (21090701)
505221.98 3636075.90 27.22001 (21090701) 505321.98

3636075.90       26.21426  (21122618)
        505421.98   3636075.90       26.96599  (21122618)                505521.98
3636075.90       24.38908  (21122618)
        505621.98   3636075.90       20.92962  (20091421)                505721.98
3636075.90       16.55077  (21012617)
        501721.98   3636175.90       20.29078  (20031920)                501821.98
3636175.90       26.43663  (20122721)
        501921.98   3636175.90       28.02923  (20122721)                502021.98
3636175.90       26.50555  (19031105)
        502121.98   3636175.90       25.28582  (20112322)                502221.98
3636175.90       29.20612  (21121424)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  FORKS    ***
                                  INCLUDING SOURCE(S):     L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
                 L0000924    , L0000925    , L0000926    , L0000927    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3636175.90 33.93433 (19072223)
503921.98 3636175.90 37.87688 (19072224) 504021.98
3636175.90 38.84624 (19072224)
504121.98 3636175.90 33.11244 (19070422) 504221.98
3636175.90 34.43702 (19050322)
504321.98 3636175.90 32.50558 (19073022) 504421.98
3636175.90 33.53560 (21013118)
504521.98 3636175.90 25.47619 (19111019) 504621.98
3636175.90 26.52069 (20102221)
504721.98 3636175.90 26.11818 (19060920) 504821.98
3636175.90 26.60004 (19022602)
504921.98 3636175.90 32.00666 (21121422) 505021.98
3636175.90 26.67639 (21061321)
505121.98 3636175.90 22.68245 (21061321) 505221.98
3636175.90 25.65705 (21090701)
505321.98 3636175.90 27.36748 (21090701) 505421.98
3636175.90 26.43804 (21122618)
505521.98 3636175.90 27.78321 (21122618) 505621.98
3636175.90 23.29500 (21122618)
505721.98 3636175.90 20.42577 (20091421) 501721.98
3636275.90 24.06169 (20122721)
501821.98 3636275.90 24.82687 (20122721) 501921.98
3636275.90 24.23887 (19031105)
502021.98 3636275.90 23.63462 (20112322) 502121.98
3636275.90 25.81427 (21121424)
502221.98 3636275.90 30.85051 (21121424) 502321.98
3636275.90 23.83833 (19020321)
502421.98 3636275.90 28.44129 (19112801) 502521.98
3636275.90 32.67393 (19121706)
502621.98 3636275.90 25.57618 (20040204) 502721.98
3636275.90 27.42607 (21100523)
502821.98 3636275.90 30.61218 (21021621) 502921.98
3636275.90 29.97008 (21112718)
503021.98 3636275.90 33.17803 (19050823) 503121.98
3636275.90 33.56834 (21100603)
503221.98 3636275.90 31.35280 (19080122) 503321.98
3636275.90 34.12957 (19072124)
503421.98 3636275.90 32.29033 (19081321) 503521.98
3636275.90 33.32727 (19051001)
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3636275.90 36.99628 (19072223)
503821.98 3636275.90 31.88480 (21031321) 503921.98
3636275.90 34.05525 (19072224)
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504221.98 3636275.90 29.35694 (19082724) 504321.98
3636275.90 22.20991 (20031720)
504421.98 3636275.90 27.68420 (21013118) 504521.98
3636275.90 20.44943 (19081120)
504621.98 3636275.90 20.47494 (21080821) 504721.98

3636275.90  24.99974  (20102221)
  504821.98  3636275.90  22.13903  (19110518)  504921.98
3636275.90  26.15651  (19112903)
  505021.98  3636275.90  31.06297  (21121422)  505121.98
3636275.90  23.20356  (21061321)
  505221.98  3636275.90  20.91830  (19010920)  505321.98
3636275.90  27.23128  (21090701)
  505421.98  3636275.90  26.79489  (21090701)  505521.98
3636275.90  24.76171  (21122618)
  505621.98  3636275.90  27.40899  (21122618)  505721.98
3636275.90  22.83980  (21122618)
  501721.98  3636375.90  22.04310  (20122721)  501821.98
3636375.90  21.71722  (19031105)
  501921.98  3636375.90  21.95851  (20112322)  502021.98
3636375.90  23.26510  (19122519)


*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FORKS ***
INCLUDING SOURCE(S): L0000919 , L0000920 , L0000921 , L0000922 , L0000923 ,
L0000924 , L0000925 , L0000926 , L0000927 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 29.01113 | (21121424) | 502221.98 | 3636375.90 | 23.98786 | (21121424) |
| 502321.98 | 3636375.90 | 27.78429 | (19112801) | 502421.98 | 3636375.90 | 30.53091 | (19121706) |
| 502521.98 | 3636375.90 | 27.72114 | (19121706) | 502621.98 | 3636375.90 | 25.06416 | (21100523) |
| 502721.98 | 3636375.90 | 26.62599 | (21021621) | 502821.98 | 3636375.90 | 27.69905 | (21021621) |
| 502921.98 | 3636375.90 | 27.56686 | (20101906) | 503021.98 | 3636375.90 | 29.89322 | (19050823) |
| 503121.98 | 3636375.90 | 30.96664 | (21100603) | 503221.98 | | | |

3636375.90 29.28870 (20120224)
503321.98 3636375.90 30.96276 (19072124) 503421.98
3636375.90 30.04296 (20071122)
503521.98 3636375.90 29.87497 (19051001) 503621.98
3636375.90 31.01320 (19051020)
503721.98 3636375.90 34.71670 (19072223) 503821.98
3636375.90 29.86929 (21031321)
503921.98 3636375.90 31.29548 (21050323) 504021.98
3636375.90 35.54303 (19072224)
504121.98 3636375.90 26.21714 (19082323) 504221.98
3636375.90 23.65982 (19082724)
504321.98 3636375.90 21.04221 (21071621) 504421.98
3636375.90 23.04845 (21013118)
504521.98 3636375.90 22.61621 (21013118) 504621.98
3636375.90 19.14490 (19080523)
504721.98 3636375.90 19.55436 (20102221) 504821.98
3636375.90 19.21110 (19060406)
504921.98 3636375.90 18.55614 (19061724) 505021.98
3636375.90 24.12493 (21050522)
505121.98 3636375.90 25.43061 (21121422) 505221.98
3636375.90 24.47911 (21061321)
505321.98 3636375.90 22.68989 (19010920) 505421.98
3636375.90 26.55417 (21090701)
505521.98 3636375.90 24.26022 (21090701) 505621.98
3636375.90 24.61242 (21122618)
505721.98 3636375.90 26.65718 (21122618) 501721.98
3636475.90 18.60509 (19031105)
501821.98 3636475.90 19.54142 (21101802) 501921.98
3636475.90 21.18875 (19122519)
502021.98 3636475.90 26.14039 (21121424) 502121.98
3636475.90 23.36212 (21121424)
502221.98 3636475.90 25.37154 (19112801) 502321.98
3636475.90 26.94345 (19121706)
502421.98 3636475.90 28.65933 (19121706) 502521.98
3636475.90 22.69928 (20040204)
502621.98 3636475.90 24.35936 (20070104) 502721.98
3636475.90 27.31249 (21021621)
502821.98 3636475.90 26.56122 (21112718) 502921.98
3636475.90 28.41841 (19050823)
503021.98 3636475.90 27.14071 (21100603) 503121.98
3636475.90 26.04753 (21100603)
503221.98 3636475.90 27.34997 (20120224) 503321.98
3636475.90 27.54239 (19072124)
503421.98 3636475.90 28.09091 (19051001) 503521.98
3636475.90 27.61841 (19080922)
503621.98 3636475.90 28.56134 (19051020) 503721.98
3636475.90 32.07441 (19072223)
503821.98 3636475.90 27.43582 (19082801) 503921.98
3636475.90 28.03623 (21050323)
504021.98 3636475.90 27.43830 (19072224) 504121.98

3636475.90       21.56944  (19081023)
        504221.98   3636475.90       21.09258  (19082724)                504321.98
3636475.90       19.43364  (21071621)
        504421.98   3636475.90       19.51408  (21052004)                504521.98
3636475.90       24.59301  (21013118)
        504621.98   3636475.90       18.46898  (19081120)                504721.98
3636475.90       17.49665  (19070220)
        504821.98   3636475.90       17.26890  (21071021)                504921.98
3636475.90       17.30289  (19110518)
        505021.98   3636475.90       22.65666  (19112903)                505121.98
3636475.90       28.55649  (21121422)
        505221.98   3636475.90       20.92191  (21061321)                505321.98
3636475.90       22.67008  (21061321)
        505421.98   3636475.90       21.04962  (21090701)                505521.98
3636475.90       25.12445  (21090701)
        505621.98   3636475.90       22.98932  (21081602)                505721.98
3636475.90       23.51592  (21122618)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503121.98 3633475.90 33.50170 (20121603) 503171.98 3633475.90 31.27190 (20121603)
503221.98 3633475.90 27.39364 (21063005) 503271.98 3633475.90 26.83417 (20102407)
503321.98 3633475.90 58.79204 (20082723) 503371.98 3633475.90 64.71027 (20111701)
503421.98 3633475.90 57.06967 (20111701) 503471.98 3633475.90 57.78695 (19081924)
503521.98 3633475.90 62.66796 (21020924) 503621.98 3633475.90 63.39139 (19101521)
503671.98 3633475.90 55.35686 (20050102) 503721.98 3633475.90 55.94219 (21020203)
503771.98 3633475.90 50.19706 (20082921) 503821.98 3633475.90 58.79797 (20082921)
503871.98 3633475.90 50.80773 (20081802) 503921.98 3633475.90 52.47455 (19032124)
503971.98 3633475.90 53.63821 (21013120) 504021.98 3633475.90 53.12250 (21011302)
504071.98 3633475.90 52.77527 (19102905) 504121.98 3633475.90 54.15504 (20022403)
504171.98 3633475.90 53.07532 (21011620) 504221.98 3633475.90 52.89447 (21013021)
504271.98 3633475.90 51.01985 (21120723) 504321.98 3633475.90 49.41112 (20073020)
504371.98 3633475.90 46.97759 (21011323) 504421.98 3633475.90 46.52903 (20031721)
504471.98 3633475.90 47.62489 (20011902) 504521.98 3633475.90 46.77636 (19022705)
504571.98 3633475.90 44.96759 (20121007) 504621.98 3633475.90 44.27747 (21011520)
504671.98 3633475.90 42.66882 (21010522) 504721.98 3633475.90 40.80373 (20122923)
502721.98 3633525.90 8.18491 (19010119) 502771.98 3633525.90 10.94008 (21030103)
502821.98 3633525.90 14.27715 (21030103) 502871.98 3633525.90 17.77677 (21030103)
502921.98 3633525.90 20.96800 (21030103) 502971.98 3633525.90 23.27423 (21030103)
503021.98 3633525.90 26.24387 (20121603) 503071.98 3633525.90 31.96966 (20121603)
503121.98 3633525.90 35.42482 (20121603) 503171.98 3633525.90 35.34642 (20121603)
503221.98 3633525.90 31.45293 (20121603) 503271.98 3633525.90 29.35091 (21063005)
503321.98 3633525.90 48.36960 (20092124) 503371.98 3633525.90 64.72122 (20111701)
503421.98 3633525.90 68.73499 (20111701) 503471.98 3633525.90 71.55220 (19081924)
503521.98 3633525.90 67.13038 (19081924) 503621.98 3633525.90 74.90419 (19101521)

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        503671.98   3633525.90       68.81222  (20050102)                503721.98
3633525.90       73.02323  (21020203)
        503771.98   3633525.90       61.74820  (20082921)                503821.98
3633525.90       67.58665  (20082921)
        503871.98   3633525.90       58.97391  (20081802)                503921.98
3633525.90       58.81246  (20022622)
        503971.98   3633525.90       59.64328  (21013120)                504021.98
3633525.90       53.52262  (21011302)
        504071.98   3633525.90       56.58287  (21022205)                504121.98
3633525.90       58.61876  (20081021)
        504171.98   3633525.90       59.15339  (21013021)                504221.98
3633525.90       57.91879  (20073022)
        504271.98   3633525.90       52.80758  (21120723)                504321.98
3633525.90       49.88886  (20112022)
        504371.98   3633525.90       51.40162  (21011323)                504421.98
3633525.90       50.47272  (21010102)
        504471.98   3633525.90       48.95926  (19022705)                504521.98
3633525.90       48.71083  (21021820)
        504571.98   3633525.90       47.68663  (21011520)                504621.98
3633525.90       45.20370  (21010522)
        504671.98   3633525.90       43.34775  (19122301)                504721.98
3633525.90       40.05864  (20122923)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 780
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633575.90        9.49759  (19010119)                502771.98
3633575.90        8.89739  (19010119)
        502821.98   3633575.90       11.95055  (21030103)                502871.98
```

3633575.90 15.68515 (21030103)
502921.98 3633575.90 19.56072 (21030103) 502971.98
3633575.90 23.00298 (21030103)
503021.98 3633575.90 25.30843 (21030103) 503071.98
3633575.90 30.01946 (20121603)
503121.98 3633575.90 35.79675 (20121603) 503171.98
3633575.90 38.42016 (20121603)
503221.98 3633575.90 36.72021 (20121603) 503271.98
3633575.90 31.36444 (21063005)
503321.98 3633575.90 38.76871 (21063005) 503371.98
3633575.90 62.49510 (20082723)
503421.98 3633575.90 71.50646 (20082723) 503471.98
3633575.90 83.68019 (19081924)
503521.98 3633575.90 96.37863 (19081924) 503621.98
3633575.90 80.40834 (19101521)
503671.98 3633575.90 75.14865 (21090401) 503721.98
3633575.90 83.11110 (21020203)
503771.98 3633575.90 72.15497 (20082921) 503821.98
3633575.90 83.11425 (20082921)
503871.98 3633575.90 70.39999 (20032501) 503921.98
3633575.90 71.48987 (20022622)
503971.98 3633575.90 67.58899 (21013120) 504021.98
3633575.90 64.97170 (19102905)
504071.98 3633575.90 62.98699 (20081021) 504121.98
3633575.90 63.77747 (21011620)
504171.98 3633575.90 69.64588 (21013021) 504221.98
3633575.90 65.96305 (20073022)
504271.98 3633575.90 56.41562 (20073020) 504321.98
3633575.90 54.03028 (21011323)
504371.98 3633575.90 53.80666 (21010102) 504421.98
3633575.90 51.88186 (20011902)
504471.98 3633575.90 52.34980 (21021820) 504521.98
3633575.90 50.83778 (21011520)
504571.98 3633575.90 47.70808 (21010522) 504621.98
3633575.90 46.66937 (19122301)
504671.98 3633575.90 43.37326 (20122923) 504721.98
3633575.90 44.76356 (21022502)
502721.98 3633625.90 10.72732 (19010119) 502771.98
3633625.90 10.35261 (19010119)
502821.98 3633625.90 9.72124 (19010119) 502871.98
3633625.90 13.10583 (21030103)
502921.98 3633625.90 17.29843 (21030103) 502971.98
3633625.90 21.61440 (21030103)
503021.98 3633625.90 25.31459 (21030103) 503071.98
3633625.90 27.56886 (21030103)
503121.98 3633625.90 34.35492 (20121603) 503171.98
3633625.90 39.89760 (20121603)
503221.98 3633625.90 41.23008 (20121603) 503271.98
3633625.90 37.42517 (20121603)
503321.98 3633625.90 33.93303 (21063005) 503371.98

3633625.90       55.65896  (20092124)
        503421.98   3633625.90       70.39133  (20082723)                503471.98
3633625.90       78.50983  (19081924)
        503521.98   3633625.90      103.58385  (19081924)                503621.98
3633625.90       85.31659  (19101521)
        503671.98   3633625.90       81.51571  (21090401)                503721.98
3633625.90       88.23662  (21020203)
        503771.98   3633625.90       77.57659  (20082921)                503821.98
3633625.90       92.56626  (20082921)
        503871.98   3633625.90       75.88706  (20032501)                503921.98
3633625.90       78.81345  (20022622)
        503971.98   3633625.90       76.02350  (21011302)                504021.98
3633625.90       74.58605  (19102905)
        504071.98   3633625.90       72.21069  (20081021)                504121.98
3633625.90       72.54108  (21013021)
        504171.98   3633625.90       74.92245  (21013021)                504221.98
3633625.90       67.87019  (20073020)
        504271.98   3633625.90       59.08634  (20073020)                504321.98
3633625.90       56.26645  (21011323)
        504371.98   3633625.90       56.53841  (20011902)                504421.98
3633625.90       55.79001  (19022705)
        504471.98   3633625.90       53.70469  (20121007)                504521.98
3633625.90       50.98753  (19121906)
        504571.98   3633625.90       50.08250  (19122301)                504621.98
3633625.90       46.94958  (20122923)
        504671.98   3633625.90       47.50289  (21022502)                504721.98
3633625.90       45.51502  (19120104)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)

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        503121.98   3633725.90       30.98717  (21030103)               503171.98
3633725.90       36.32330  (20121603)
        503221.98   3633725.90       44.81061  (20121603)               503271.98
3633725.90       48.47741  (20121603)
        503321.98   3633725.90       45.26885  (20121603)               503371.98
3633725.90       39.93395  (21063005)
        503421.98   3633725.90       42.82716  (20102407)               503471.98
3633725.90       43.35419  (20102407)
        503521.98   3633725.90       81.56420  (19081924)               503571.98
3633725.90      101.22650  (19081924)
        503721.98   3633725.90      101.99844  (20082503)               503771.98
3633725.90      101.39636  (20082503)
        503821.98   3633725.90      105.89572  (20082921)               503871.98
3633725.90       86.89792  (20080820)
        503921.98   3633725.90       95.84022  (20022622)               503971.98
3633725.90       87.46236  (21011302)
        504021.98   3633725.90       86.50065  (21022205)               504071.98
3633725.90       87.30687  (21011620)
        504121.98   3633725.90       95.52446  (21013021)               504171.98
3633725.90       86.27036  (21120723)
        504221.98   3633725.90       78.37854  (20073020)               504271.98
3633725.90       79.61543  (21010102)
        504321.98   3633725.90       70.35134  (20080120)               504371.98
3633725.90       62.71935  (21021820)
        504421.98   3633725.90       60.81152  (21011520)               504471.98
3633725.90       57.79854  (21010522)
        504521.98   3633725.90       55.75280  (20122923)               504571.98
3633725.90       54.58462  (21022502)
        504621.98   3633725.90       53.09835  (19120104)               504671.98
3633725.90       52.08067  (20021702)
        504721.98   3633725.90       50.14506  (20081805)               502721.98
3633775.90       16.93989  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 782
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 16.18541 | (21111004) | 502821.98 | 3633775.90 | 14.94873 | (21111004) |
| 502871.98 | 3633775.90 | 14.00499 | (19010119) | 502921.98 | 3633775.90 | 13.77065 | (19010119) |
| 502971.98 | 3633775.90 | 13.07710 | (19010119) | 503021.98 | 3633775.90 | 17.83942 | (21030103) |
| 503071.98 | 3633775.90 | 24.01036 | (21030103) | 503121.98 | 3633775.90 | 30.03931 | (21030103) |
| 503171.98 | 3633775.90 | 34.47910 | (21030103) | 503221.98 | 3633775.90 | 42.56779 | (20121603) |
| 503271.98 | 3633775.90 | 50.91018 | (20121603) | 503321.98 | 3633775.90 | 52.47493 | (20121603) |
| 503371.98 | 3633775.90 | 45.76694 | (20121603) | 503421.98 | 3633775.90 | 43.94180 | (20102407) |
| 503471.98 | 3633775.90 | 48.08678 | (20102407) | 503771.98 | 3633775.90 | 117.57625 | (20082503) |
| 503821.98 | 3633775.90 | 111.57622 | (20082921) | 503871.98 | 3633775.90 | 99.04147 | (19032124) |
| 503921.98 | 3633775.90 | 103.79480 | (21013120) | 503971.98 | 3633775.90 | 98.06467 | (19102905) |
| 504021.98 | 3633775.90 | 95.66585 | (20022403) | 504071.98 | 3633775.90 | 105.53811 | (21013021) |
| 504121.98 | 3633775.90 | 97.62010 | (21120723) | 504171.98 | 3633775.90 | 91.81989 | (20073020) |
| 504221.98 | 3633775.90 | 92.78949 | (21011323) | 504271.98 | 3633775.90 | 87.13157 | (20011902) |
| 504321.98 | 3633775.90 | 74.92949 | (21021820) | 504371.98 | 3633775.90 | 69.40257 | (21011520) |
| 504421.98 | 3633775.90 | 65.23552 | (21010522) | 504471.98 | 3633775.90 | 61.29032 | (20122923) |
| 504521.98 | 3633775.90 | 60.80195 | (21022502) | 504571.98 | 3633775.90 | 61.66843 | (19120104) |
| 504621.98 | 3633775.90 | 62.99950 | (20081805) | 504671.98 | 3633775.90 | 59.59496 | (20081805) |
| 504721.98 | 3633775.90 | 58.76253 | (20081803) | 502721.98 | 3633825.90 | 18.91353 | (21111004) |
| 502771.98 | 3633825.90 | 18.88181 | (21111004) | 502821.98 | 3633825.90 | 18.28327 | (21111004) |
| 502871.98 | 3633825.90 | 17.08614 | (21111004) | 502921.98 | 3633825.90 | 15.46944 | (19010119) |
| 502971.98 | 3633825.90 | 15.29775 | (19010119) | 503021.98 | 3633825.90 | 14.58583 | (19010119) |
| 503071.98 | 3633825.90 | 20.00343 | (21030103) | 503121.98 | | | |

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3633825.90       27.13255  (21030103)
        503171.98   3633825.90       33.92649  (21030103)                503221.98
3633825.90       38.50823  (21030103)
        503271.98   3633825.90       49.93197  (20121603)                503771.98
3633825.90      143.03373  (20082503)
        503821.98   3633825.90      128.90697  (20080822)                503871.98
3633825.90      111.54284  (20022622)
        503921.98   3633825.90      113.94451  (21013120)                503971.98
3633825.90      110.57998  (19102905)
        504021.98   3633825.90      113.21030  (20022403)                504071.98
3633825.90      117.35030  (21013021)
        504121.98   3633825.90      107.59584  (21120723)                504171.98
3633825.90      102.59675  (21011323)
        504221.98   3633825.90      102.28878  (21010102)                504271.98
3633825.90       97.63102  (19022705)
        504321.98   3633825.90       91.61863  (21011520)                504371.98
3633825.90       83.99591  (21010522)
        504421.98   3633825.90       75.75483  (20122923)                504471.98
3633825.90       70.95025  (19102119)
        504521.98   3633825.90       68.97242  (19120104)                504571.98
3633825.90       75.43130  (20081805)
        504621.98   3633825.90       71.25481  (20081803)                504671.98
3633825.90       67.84395  (20081803)
        504721.98   3633825.90       65.24073  (20111118)                502721.98
3633875.90       19.86456  (21111004)
        502771.98   3633875.90       20.72986  (21111004)                502821.98
3633875.90       21.04228  (21111004)
        502871.98   3633875.90       20.68413  (21111004)                502921.98
3633875.90       19.62863  (21111004)
        502971.98   3633875.90       17.81289  (21111004)                503021.98
3633875.90       17.07611  (19010119)
        503071.98   3633875.90       16.37818  (19010119)                503121.98
3633875.90       22.59534  (21030103)
        503171.98   3633875.90       30.90064  (21030103)                503221.98
3633875.90       38.57052  (21030103)
        503271.98   3633875.90       45.10032  (20121603)                503821.98
3633875.90      142.33546  (20080822)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 783
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 125.30649 | (20022622) | 503921.98 | 3633875.90 | 125.34935 | (21013120) |
| 503971.98 | 3633875.90 | 124.04262 | (21022205) | 504021.98 | 3633875.90 | 133.44045 | (20032321) |
| 504071.98 | 3633875.90 | 119.14622 | (21013021) | 504121.98 | 3633875.90 | 116.42266 | (19033021) |
| 504171.98 | 3633875.90 | 112.49332 | (21011323) | 504221.98 | 3633875.90 | 108.55664 | (20011902) |
| 504271.98 | 3633875.90 | 104.51567 | (21021820) | 504321.98 | 3633875.90 | 96.11442 | (21010522) |
| 504371.98 | 3633875.90 | 90.42761 | (20122923) | 504421.98 | 3633875.90 | 82.38308 | (19102119) |
| 504471.98 | 3633875.90 | 78.86413 | (19120104) | 504521.98 | 3633875.90 | 88.03791 | (20081805) |
| 504571.98 | 3633875.90 | 86.05343 | (20081803) | 504621.98 | 3633875.90 | 79.02214 | (20081803) |
| 504671.98 | 3633875.90 | 70.43100 | (20111118) | 504721.98 | 3633875.90 | 70.05577 | (21011418) |
| 502721.98 | 3633925.90 | 19.51807 | (21111004) | 502771.98 | 3633925.90 | 21.26627 | (21111004) |
| 502821.98 | 3633925.90 | 22.63104 | (21111004) | 502871.98 | 3633925.90 | 23.43236 | (21111004) |
| 502921.98 | 3633925.90 | 23.47826 | (21111004) | 502971.98 | 3633925.90 | 22.60068 | (21111004) |
| 503021.98 | 3633925.90 | 20.79024 | (21111004) | 503071.98 | 3633925.90 | 19.18152 | (19010119) |
| 503121.98 | 3633925.90 | 18.53402 | (19010119) | 503171.98 | 3633925.90 | 25.73838 | (21030103) |
| 503221.98 | 3633925.90 | 35.51469 | (21030103) | 503271.98 | 3633925.90 | 44.18835 | (21030103) |
| 503821.98 | 3633925.90 | 154.95817 | (20080822) | 503871.98 | 3633925.90 | 141.72768 | (19050105) |
| 503921.98 | 3633925.90 | 135.11241 | (21011302) | 503971.98 | 3633925.90 | 128.72396 | (20022403) |
| 504021.98 | 3633925.90 | 159.32267 | (20032321) | 504071.98 | 3633925.90 | 147.09410 | (19033021) |
| 504121.98 | 3633925.90 | 126.32694 | (21060903) | 504171.98 | 3633925.90 | 121.36000 | (20011902) |

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        504221.98   3633925.90      118.88505  (21021820)                504271.98
3633925.90      112.90133  (21011520)
        504321.98   3633925.90      107.01192  (20122923)                504371.98
3633925.90       99.17886  (19022722)
        504421.98   3633925.90       94.55130  (19120104)                504471.98
3633925.90      103.54619  (20081805)
        504521.98   3633925.90       98.62508  (20081803)                504571.98
3633925.90       83.80094  (20081803)
        504621.98   3633925.90       79.34541  (20082222)                504671.98
3633925.90       78.62017  (21011418)
        504721.98   3633925.90       71.34449  (21011418)                502721.98
3633975.90       17.83895  (21111004)
        502771.98   3633975.90       20.26750  (21111004)                502821.98
3633975.90       22.57245  (21111004)
        502871.98   3633975.90       24.60663  (21111004)                502921.98
3633975.90       26.04772  (21111004)
        502971.98   3633975.90       26.60781  (21111004)                503021.98
3633975.90       26.12222  (21111004)
        503071.98   3633975.90       24.42531  (21111004)                503121.98
3633975.90       21.70491  (19010119)
        503171.98   3633975.90       21.16221  (19010119)                503221.98
3633975.90       29.61160  (21030103)
        503271.98   3633975.90       41.24953  (21030103)                503821.98
3633975.90      159.75400  (21082504)
        503871.98   3633975.90      151.00632  (19050105)                503921.98
3633975.90      123.48376  (21011302)
        503971.98   3633975.90      145.62117  (20032321)                504021.98
3633975.90      157.49733  (20032321)
        504071.98   3633975.90      158.48096  (19033021)                504121.98
3633975.90      129.86129  (21010102)
        504171.98   3633975.90      128.56162  (19022705)                504221.98
3633975.90      127.79155  (21011520)
        504271.98   3633975.90      119.93470  (19122301)                504321.98
3633975.90      113.17620  (19022722)
        504371.98   3633975.90      112.97824  (20081805)                504421.98
3633975.90      121.79927  (20081805)
        504471.98   3633975.90      110.03135  (20081803)                504521.98
3633975.90       91.52569  (20111118)
        504571.98   3633975.90       87.96035  (20082222)                504621.98
3633975.90       84.86760  (21011418)
        504671.98   3633975.90       70.77134  (21011418)                504721.98
3633975.90       61.23945  (20081722)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 784
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 20.24633 | (21012320) | 502771.98 | 3634025.90 | 18.34571 | (21012320) |
| 502821.98 | 3634025.90 | 20.80171 | (21111004) | 502871.98 | 3634025.90 | 23.76577 | (21111004) |
| 502921.98 | 3634025.90 | 26.51674 | (21111004) | 502971.98 | 3634025.90 | 28.77314 | (21111004) |
| 503021.98 | 3634025.90 | 30.16750 | (21111004) | 503071.98 | 3634025.90 | 30.28979 | (21111004) |
| 503121.98 | 3634025.90 | 28.89690 | (21111004) | 503171.98 | 3634025.90 | 25.90789 | (21111004) |
| 503221.98 | 3634025.90 | 24.41346 | (19010119) | 503271.98 | 3634025.90 | 34.46886 | (21030103) |
| 503871.98 | 3634025.90 | 147.18763 | (20022622) | 503921.98 | 3634025.90 | 105.31087 | (21022105) |
| 503971.98 | 3634025.90 | 171.19090 | (20032321) | 504021.98 | 3634025.90 | 157.37645 | (19033021) |
| 504071.98 | 3634025.90 | 148.89614 | (21060903) | 504121.98 | 3634025.90 | 136.65014 | (20011902) |
| 504171.98 | 3634025.90 | 141.13547 | (21011520) | 504221.98 | 3634025.90 | 133.85115 | (19122301) |
| 504271.98 | 3634025.90 | 128.90311 | (21060824) | 504321.98 | 3634025.90 | 140.95956 | (20081805) |
| 504371.98 | 3634025.90 | 140.68379 | (20081805) | 504421.98 | 3634025.90 | 120.76927 | (20081803) |
| 504471.98 | 3634025.90 | 99.98917 | (20111118) | 504521.98 | 3634025.90 | 99.69194 | (21011418) |
| 504571.98 | 3634025.90 | 88.55916 | (21011418) | 504621.98 | 3634025.90 | 70.87651 | (20081722) |
| 504671.98 | 3634025.90 | 65.39399 | (21122302) | 504721.98 | 3634025.90 | 62.15816 | (21010408) |
| 502721.98 | 3634075.90 | 27.04673 | (21012320) | 502771.98 | 3634075.90 | 25.86587 | (21012320) |
| 502821.98 | 3634075.90 | 24.16965 | (21012320) | 502871.98 | | | |

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3634075.90       21.95084  (21012320)
        502921.98   3634075.90       24.60282  (21111004)                502971.98
3634075.90       28.26965  (21111004)
        503021.98   3634075.90       31.61812  (21111004)                503071.98
3634075.90       34.10633  (21111004)
        503121.98   3634075.90       35.20953  (21111004)                503171.98
3634075.90       34.43254  (21111004)
        503221.98   3634075.90       31.49041  (21111004)                503271.98
3634075.90       28.51017  (19010119)
        503871.98   3634075.90      111.60472  (21013120)                503921.98
3634075.90      119.62745  (21022105)
        503971.98   3634075.90      104.32383  (20050805)                504021.98
3634075.90      169.05729  (19033021)
        504071.98   3634075.90      151.17202  (21010102)                504121.98
3634075.90      151.05813  (21021820)
        504171.98   3634075.90      155.95134  (21082503)                504221.98
3634075.90      163.53268  (21060824)
        504271.98   3634075.90      180.85735  (20081805)                504321.98
3634075.90      169.72875  (20081805)
        504371.98   3634075.90      139.10980  (20081803)                504421.98
3634075.90      119.28168  (20081603)
        504471.98   3634075.90      110.11366  (21011418)                504521.98
3634075.90       86.88696  (21011418)
        504571.98   3634075.90       75.70418  (21122302)                504621.98
3634075.90       70.08235  (21010408)
        504671.98   3634075.90       66.52487  (21011720)                504721.98
3634075.90       62.66728  (21011221)
        502721.98   3634125.90       32.24897  (21012320)                502771.98
3634125.90       32.50641  (21012320)
        502821.98   3634125.90       32.25923  (21012320)                502871.98
3634125.90       31.31941  (21012320)
        502921.98   3634125.90       29.44778  (21012320)                502971.98
3634125.90       26.75932  (21012320)
        503021.98   3634125.90       29.68334  (21111004)                503071.98
3634125.90       34.33229  (21111004)
        503121.98   3634125.90       38.35274  (21111004)                503171.98
3634125.90       40.96606  (21111004)
        503221.98   3634125.90       41.29109  (21111004)                503271.98
3634125.90       38.77049  (21111004)
        503921.98   3634125.90      131.72403  (21022105)                503971.98
3634125.90      119.07579  (21022020)
        504021.98   3634125.90      130.10250  (21120804)                504071.98
3634125.90      166.74917  (21021820)
        504121.98   3634125.90      154.93409  (21010522)                504171.98
3634125.90      180.94643  (21060824)
        504221.98   3634125.90      223.19663  (20081805)                504271.98
3634125.90      219.59461  (20081803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 170.07409 | (20081803) | 504371.98 | 3634125.90 | 152.35948 | (20081603) |
| 504421.98 | 3634125.90 | 119.21052 | (21011418) | 504471.98 | 3634125.90 | 91.62251 | (20081722) |
| 504521.98 | 3634125.90 | 82.90364 | (21011724) | 504571.98 | 3634125.90 | 76.87559 | (21011720) |
| 504621.98 | 3634125.90 | 71.91604 | (21011221) | 504671.98 | 3634125.90 | 68.31353 | (20121406) |
| 504721.98 | 3634125.90 | 64.72028 | (20021723) | 502721.98 | 3634175.90 | 33.86338 | (21012320) |
| 502771.98 | 3634175.90 | 35.99128 | (21012320) | 502821.98 | 3634175.90 | 37.77834 | (21012320) |
| 502871.98 | 3634175.90 | 38.98307 | (21012320) | 502921.98 | 3634175.90 | 39.25236 | (21012320) |
| 502971.98 | 3634175.90 | 38.52875 | (21012320) | 503021.98 | 3634175.90 | 36.67701 | (21012320) |
| 503071.98 | 3634175.90 | 33.43013 | (21012320) | 503121.98 | 3634175.90 | 36.64787 | (21111004) |
| 503171.98 | 3634175.90 | 42.64301 | (21111004) | 503221.98 | 3634175.90 | 47.36685 | (21111004) |
| 503271.98 | 3634175.90 | 49.71211 | (21111004) | 503971.98 | 3634175.90 | 152.12273 | (21022020) |
| 504021.98 | 3634175.90 | 144.52368 | (21022803) | 504071.98 | 3634175.90 | 133.18058 | (21021721) |
| 504121.98 | 3634175.90 | 182.20709 | (21060824) | 504171.98 | 3634175.90 | 229.55006 | (20081805) |
| 504221.98 | 3634175.90 | 244.51408 | (20081803) | 504271.98 | 3634175.90 | 240.23789 | (20081603) |

504321.98 3634175.90 210.96179 (20081603) 504371.98 3634175.90 122.52608 (20021024)
504421.98 3634175.90 98.13400 (21011724) 504471.98 3634175.90 91.30237 (21011720)
504521.98 3634175.90 84.09033 (21011221) 504571.98 3634175.90 78.57366 (20121406)
504621.98 3634175.90 76.22523 (20021723) 504671.98 3634175.90 73.06685 (19011606)
504721.98 3634175.90 66.90310 (20012223) 502721.98 3634225.90 31.34466 (21012320)
502771.98 3634225.90 34.86602 (21012320) 502821.98 3634225.90 38.44467 (21012320)
502871.98 3634225.90 41.85832 (21012320) 502921.98 3634225.90 44.80510 (21012320)
502971.98 3634225.90 47.17822 (21012320) 503021.98 3634225.90 48.65376 (21012320)
503071.98 3634225.90 48.60981 (21012320) 503121.98 3634225.90 46.76749 (21012320)
503171.98 3634225.90 42.81849 (21012320) 503221.98 3634225.90 46.58664 (21111004)
503271.98 3634225.90 54.63125 (21111004) 504071.98 3634225.90 149.23430 (21010401)
504121.98 3634225.90 134.91220 (20021603) 504171.98 3634225.90 258.32365 (20081803)
504221.98 3634225.90 237.48963 (20081603) 504271.98 3634225.90 210.49921 (20081603)
504321.98 3634225.90 188.14359 (20080121) 504371.98 3634225.90 125.72828 (21011720)
504421.98 3634225.90 100.35441 (20121406) 504471.98 3634225.90 92.48327 (20021305)
504521.98 3634225.90 88.22260 (19011606) 504571.98 3634225.90 81.59673 (20012223)
504621.98 3634225.90 78.44483 (19121305) 504671.98 3634225.90 70.54870 (19011923)
504721.98 3634225.90 69.39883 (19011923) 502721.98 3634275.90 25.34415 (21012320)
502771.98 3634275.90 29.15672 (21012320) 502821.98 3634275.90 33.50179 (21012320)
502871.98 3634275.90 38.35915 (21012320) 502921.98 3634275.90 43.24333 (21012320)
502971.98 3634275.90 48.30315 (21012320) 503021.98 3634275.90 53.51860 (21012320)
503071.98 3634275.90 58.02788 (21012320) 503121.98 3634275.90 61.38829 (21012320)
503171.98 3634275.90 62.91711 (21012320) 503221.98 3634275.90 61.70267 (21012320)
503271.98 3634275.90 57.21276 (21012320) 504121.98 3634275.90 154.46604 (21020424)
504171.98 3634275.90 136.22181 (20020722) 504221.98 3634275.90 239.01719 (20080121)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 139.49137 | (20021723) | 504421.98 | 3634275.90 | 117.24893 | (20081804) |
| 504471.98 | 3634275.90 | 102.82522 | (19121305) | 504521.98 | 3634275.90 | 89.42037 | (19121305) |
| 504571.98 | 3634275.90 | 85.45430 | (19011923) | 504621.98 | 3634275.90 | 79.70756 | (19012803) |
| 504671.98 | 3634275.90 | 74.83234 | (21121821) | 504721.98 | 3634275.90 | 70.18941 | (20121224) |
| 502721.98 | 3634325.90 | 28.35475 | (19083104) | 502771.98 | 3634325.90 | 29.68385 | (19083104) |
| 502821.98 | 3634325.90 | 30.92174 | (19083104) | 502871.98 | 3634325.90 | 32.39576 | (19083104) |
| 502971.98 | 3634325.90 | 40.80129 | (21012320) | 503021.98 | 3634325.90 | 47.85819 | (21012320) |
| 503071.98 | 3634325.90 | 55.64619 | (21012320) | 503121.98 | 3634325.90 | 63.84459 | (21012320) |
| 503171.98 | 3634325.90 | 72.08951 | (21012320) | 503221.98 | 3634325.90 | 79.46830 | (21012320) |
| 503271.98 | 3634325.90 | 84.75145 | (21012320) | 504171.98 | 3634325.90 | 217.11355 | (20080721) |
| 504221.98 | 3634325.90 | 259.69913 | (21040622) | 504271.98 | 3634325.90 | 219.53048 | (21081123) |
| 504321.98 | 3634325.90 | 209.92830 | (21081123) | 504371.98 | | | |

3634325.90 163.03300 (19121305)
504421.98 3634325.90 124.23316 (20082223) 504471.98
3634325.90 99.92492 (19012803)
504521.98 3634325.90 91.29230 (20121224) 504571.98
3634325.90 86.55191 (20121224)
504621.98 3634325.90 80.90927 (20020703) 504671.98
3634325.90 71.97744 (20020703)
504721.98 3634325.90 67.20193 (20122520) 502721.98
3634375.90 29.38487 (19083104)
502771.98 3634375.90 31.59523 (19083104) 502821.98
3634375.90 33.86294 (19083104)
503021.98 3634375.90 44.58113 (19083104) 503071.98
3634375.90 47.40177 (19083104)
503121.98 3634375.90 51.13966 (21012320) 503171.98
3634375.90 62.20437 (21012320)
503221.98 3634375.90 75.37731 (21012320) 503271.98
3634375.90 90.26582 (21012320)
504221.98 3634375.90 250.36910 (21081123) 504271.98
3634375.90 237.56898 (20081502)
504321.98 3634375.90 212.31695 (20090623) 504371.98
3634375.90 156.40621 (20121224)
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3634375.90 94.97030 (20020703)
504521.98 3634375.90 94.09233 (21122121) 504571.98
3634375.90 90.21831 (21122121)
504621.98 3634375.90 84.77591 (20121803) 504671.98
3634375.90 79.82101 (20121803)
504721.98 3634375.90 73.07428 (20121803) 502721.98
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502771.98 3634425.90 29.12403 (19083104) 502821.98
3634425.90 31.81632 (19083104)
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3634425.90 191.77251 (20081301)
504371.98 3634425.90 167.62473 (20081301) 504421.98
3634425.90 121.65459 (21122201)
504471.98 3634425.90 103.73761 (21122201) 504521.98
3634425.90 95.99469 (19021906)
504571.98 3634425.90 88.13956 (19021906) 504621.98
3634425.90 80.28802 (20031603)
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3634425.90 73.27554 (20013123)
502721.98 3634475.90 24.84270 (21021102) 502771.98
3634475.90 26.41526 (21021102)
502821.98 3634475.90 28.09827 (21021102) 504321.98
3634475.90 119.66089 (20120922)
504371.98 3634475.90 176.50248 (20082805) 504421.98
3634475.90 149.05441 (20013123)
504471.98 3634475.90 110.38409 (20013123) 504521.98
3634475.90 92.28119 (20092120)
504571.98 3634475.90 84.57187 (21013019) 504621.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504471.98   3634525.90      219.44700  (20082306)                504521.98
3634525.90      173.15665  (20082306)
        504571.98   3634525.90      140.79332  (20082306)                504621.98
3634525.90      114.86674  (20082306)
        504671.98   3634525.90       89.55408  (20082306)                504721.98
3634525.90       72.76902  (20082306)
        502721.98   3634575.90       38.30987  (21021102)                502771.98
3634575.90       41.03833  (21021102)
        504421.98   3634575.90       89.24300  (21011518)                504471.98
3634575.90       80.66021  (21011518)
        504521.98   3634575.90      119.18095  (20082304)                504571.98
3634575.90      123.61425  (20082306)
        504621.98   3634575.90      105.27898  (20011720)                504671.98
3634575.90       92.93811  (20011720)
        504721.98   3634575.90       77.91351  (20011720)                502721.98
3634625.90       36.11546  (21021102)
        502771.98   3634625.90       38.11836  (21021102)                502821.98
3634625.90       40.33346  (21021102)

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        502871.98   3634625.90       42.65318  (21021102)              502921.98
3634625.90       45.12081  (21021102)
        502971.98   3634625.90       47.77383  (21021102)              503021.98
3634625.90       50.58934  (21021102)
        503071.98   3634625.90       53.53148  (21021102)              503121.98
3634625.90       56.54609  (21021102)
        504471.98   3634625.90       66.93995  (21101422)              504521.98
3634625.90       61.24455  (20122119)
        504571.98   3634625.90       74.64469  (21090306)              504621.98
3634625.90       78.84727  (21013119)
        504671.98   3634625.90       76.94225  (21013119)              504721.98
3634625.90       94.90208  (20041201)
        502721.98   3634675.90       28.45544  (21021102)              502771.98
3634675.90       29.26877  (21021102)
        502821.98   3634675.90       31.99197  (19050903)              502871.98
3634675.90       35.95515  (19050903)
        502921.98   3634675.90       40.43876  (19050903)              502971.98
3634675.90       45.47959  (19050903)
        503021.98   3634675.90       51.11377  (19050903)              503071.98
3634675.90       57.31729  (19050903)
        503121.98   3634675.90       64.00792  (19050903)              503171.98
3634675.90       70.93501  (19050903)
        503221.98   3634675.90       77.86044  (19050903)              503271.98
3634675.90       84.08970  (19050903)
        503321.98   3634675.90       88.51009  (19050903)              503371.98
3634675.90       91.53590  (20021724)
        503421.98   3634675.90      132.35376  (21011719)              503471.98
3634675.90      216.95418  (21011719)
        503521.98   3634675.90      274.99346  (21011719)              504521.98
3634675.90       66.13562  (21020220)
        504571.98   3634675.90       59.61798  (21101422)              504621.98
3634675.90       78.07577  (21012820)
        504671.98   3634675.90       68.56591  (21012820)              504721.98
3634675.90       61.27238  (21090306)
        502721.98   3634725.90       31.35361  (19050903)              502771.98
3634725.90       34.36005  (19050903)
        502821.98   3634725.90       37.56588  (19050903)              502871.98
3634725.90       40.93086  (19050903)
        502921.98   3634725.90       44.41488  (19050903)              502971.98
3634725.90       47.90008  (19050903)
        503021.98   3634725.90       51.23235  (19050903)              503071.98
3634725.90       54.18562  (19050903)
        503121.98   3634725.90       56.42369  (19050903)              503171.98
3634725.90       57.52427  (19050903)
        503221.98   3634725.90       57.06404  (19050903)              503271.98
3634725.90       72.22148  (20021724)
        503321.98   3634725.90      100.52429  (21011719)              503371.98
3634725.90      148.91695  (21011719)
        503421.98   3634725.90      183.88298  (21011719)              503471.98
3634725.90      177.79023  (20022207)
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        503521.98   3634725.90      210.37280  (20022207)               503571.98
3634725.90      222.95576  (21012023)
        503621.98   3634725.90      255.30363  (21121424)               504571.98
3634725.90       60.79966  (21020220)
        504621.98   3634725.90       56.57132  (21020220)               504671.98
3634725.90       71.76285  (21012820)
        504721.98   3634725.90       84.43160  (21012820)               502721.98
3634775.90       33.22205  (19050903)
        502771.98   3634775.90       35.22472  (19050903)               502821.98
3634775.90       37.10086  (19050903)
        502871.98   3634775.90       38.74042  (19050903)               502921.98
3634775.90       40.03354  (19050903)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 788
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502971.98   3634775.90       40.82367  (19050903)               503021.98
3634775.90       40.90938  (19050903)
        503071.98   3634775.90       40.12188  (19050903)               503121.98
3634775.90       47.36580  (20021724)
        503171.98   3634775.90       58.55054  (20021724)               503221.98
3634775.90       79.63922  (21011719)
        503271.98   3634775.90      110.50171  (21011719)               503321.98
3634775.90      133.59464  (21011719)
        503371.98   3634775.90      133.17764  (21011719)               503421.98
3634775.90      149.10327  (20022207)
        503471.98   3634775.90      161.40797  (21012023)               503521.98
3634775.90      162.46361  (21012023)
        503571.98   3634775.90      189.29651  (21121424)               503621.98
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3634775.90 203.97094 (19121706)
503671.98 3634775.90 167.81580 (19020322) 503721.98
3634775.90 237.94017 (21021806)
503771.98 3634775.90 271.96059 (21012024) 503821.98
3634775.90 176.12075 (21012024)
504621.98 3634775.90 49.02206 (21020220) 504671.98
3634775.90 47.99483 (21020220)
504721.98 3634775.90 82.70140 (20082303) 502721.98
3634825.90 30.37010 (19050903)
502771.98 3634825.90 30.90098 (19050903) 502821.98
3634825.90 31.07399 (19050903)
502871.98 3634825.90 30.80493 (19050903) 502921.98
3634825.90 29.99984 (19050903)
502971.98 3634825.90 33.50918 (20021724) 503021.98
3634825.90 40.76524 (20021724)
503071.98 3634825.90 48.66937 (20021724) 503121.98
3634825.90 65.08597 (21011719)
503171.98 3634825.90 86.31421 (21011719) 503221.98
3634825.90 102.58502 (21011719)
503271.98 3634825.90 105.35969 (21011719) 503321.98
3634825.90 106.18944 (20022207)
503371.98 3634825.90 122.15028 (20022207) 503421.98
3634825.90 130.21924 (21012023)
503471.98 3634825.90 125.21600 (20040823) 503521.98
3634825.90 145.41284 (21121424)
503571.98 3634825.90 155.45755 (19121706) 503621.98
3634825.90 146.99349 (19121706)
503671.98 3634825.90 154.84905 (20120224) 503721.98
3634825.90 203.13944 (21021806)
503771.98 3634825.90 220.35702 (21012024) 503821.98
3634825.90 149.18175 (21012024)
503871.98 3634825.90 176.06819 (21013118) 503921.98
3634825.90 147.71986 (21013118)
504671.98 3634825.90 37.55207 (20082303) 504721.98
3634825.90 53.50144 (20082303)
502721.98 3634875.90 24.14909 (19050903) 502771.98
3634875.90 23.42513 (19050903)
502821.98 3634875.90 24.97762 (20021724) 502871.98
3634875.90 29.99013 (20021724)
502921.98 3634875.90 35.48324 (20021724) 502971.98
3634875.90 41.23571 (20021724)
503021.98 3634875.90 54.48580 (21011719) 503071.98
3634875.90 69.89029 (21011719)
503121.98 3634875.90 81.93126 (21011719) 503171.98
3634875.90 85.58221 (21011719)
503221.98 3634875.90 77.85266 (20022207) 503271.98
3634875.90 93.84705 (20022207)
503321.98 3634875.90 99.99648 (20022207) 503371.98
3634875.90 107.07592 (21012023)
503421.98 3634875.90 102.83471 (20040823) 503471.98

3634875.90      115.50595  (21121424)
        503521.98   3634875.90      122.19474  (21121424)                503571.98
3634875.90      130.36753  (19121706)
        503621.98   3634875.90      109.69617  (19020322)                503671.98
3634875.90      143.76596  (20120224)
        503721.98   3634875.90      171.44590  (21021806)                503771.98
3634875.90      182.49733  (21012024)
        503821.98   3634875.90      127.44653  (21012024)                503871.98
3634875.90      207.91380  (21060422)
        503921.98   3634875.90      276.45268  (20121721)                504721.98
3634875.90       29.01493  (20082303)
        502721.98   3634925.90       22.94169  (20021724)                502771.98
3634925.90       26.94167  (20021724)
        502821.98   3634925.90       31.20738  (20021724)                502871.98
3634925.90       35.54566  (20021724)
        502921.98   3634925.90       46.49894  (21011719)                502971.98
3634925.90       58.14509  (21011719)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503421.98 3634925.90 94.85069 (20040823) 503471.98 3634925.90 103.96867 (21121424)
503521.98 3634925.90 110.78755 (19121706) 503571.98 3634925.90 94.73449 (19121706)
503621.98 3634925.90 90.17824 (20120224) 503671.98 3634925.90 127.87258 (20120224)
503721.98 3634925.90 209.04957 (21081004) 503771.98 3634925.90 223.50579 (20071102)
503821.98 3634925.90 251.08776 (19122420) 503871.98 3634925.90 265.71085 (20092001)
502721.98 3634975.90 27.69605 (20021724) 502771.98 3634975.90 31.19579 (21011719)
502821.98 3634975.90 40.28933 (21011719) 502871.98 3634975.90 49.38334 (21011719)
502921.98 3634975.90 56.70802 (21011719) 502971.98 3634975.90 60.17348 (21011719)
503021.98 3634975.90 58.00617 (21011719) 503071.98 3634975.90 56.82577 (20022207)
503121.98 3634975.90 66.27141 (20022207) 503171.98 3634975.90 71.00081 (20022207)
503221.98 3634975.90 73.43224 (21012023) 503271.98 3634975.90 75.86071 (21012023)
503321.98 3634975.90 74.25001 (20040823) 503371.98 3634975.90 81.23785 (20040823)
503421.98 3634975.90 89.11173 (21121424) 503471.98 3634975.90 92.44461 (19121706)
503521.98 3634975.90 90.06741 (19121706) 503571.98 3634975.90 79.06653 (19020322)
503621.98 3634975.90 91.71946 (20120224) 503671.98 3634975.90 111.18127 (21021806)
503721.98 3634975.90 204.57492 (21081004) 503771.98 3634975.90 220.70972 (20071102)
503821.98 3634975.90 214.75986 (19122420) 503871.98 3634975.90 173.57795 (19122420)
502721.98 3635025.90 35.34720 (21011719) 502771.98 3635025.90 42.63020 (21011719)
502821.98 3635025.90 48.57999 (21011719) 502871.98 3635025.90 51.71947 (21011719)
502921.98 3635025.90 50.80392 (21011719) 502971.98 3635025.90 45.41276 (21011719)
503021.98 3635025.90 53.77216 (20022207) 503071.98 3635025.90 59.80312 (20022207)
503121.98 3635025.90 61.32494 (20022207) 503171.98 3635025.90 64.83633 (21012023)
503221.98 3635025.90 65.00864 (21012023) 503271.98 3635025.90 64.54959 (20040823)
503321.98 3635025.90 70.38964 (20040823) 503371.98 3635025.90 77.05734 (21121424)
503421.98 3635025.90 76.53651 (19121706) 503471.98 3635025.90 81.92450 (19121706)

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        503521.98   3635025.90       66.31758  (19121706)                503571.98
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        503721.98   3635025.90      203.11159  (21081004)                503771.98
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3635025.90       56.06648  (21012617)
        502721.98   3635075.90       42.21606  (21011719)                502771.98
3635075.90       45.03911  (21011719)
        502821.98   3635075.90       44.84482  (21011719)                502871.98
3635075.90       41.23073  (21011719)
        502921.98   3635075.90       43.92762  (20022207)                502971.98
3635075.90       50.09838  (20022207)
        503021.98   3635075.90       53.59264  (20022207)                503071.98
3635075.90       53.04491  (20022207)
        503121.98   3635075.90       57.48614  (21012023)                503171.98
3635075.90       56.30697  (21012023)
        503221.98   3635075.90       56.84047  (20040823)                503271.98
3635075.90       61.77934  (20040823)
        503321.98   3635075.90       67.09139  (21121424)                503371.98
3635075.90       65.55297  (21121424)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 790
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503421.98   3635075.90       72.59071  (19121706)                503471.98
3635075.90       65.75234  (19121706)
        503521.98   3635075.90       60.69337  (19020322)                503571.98
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3635075.90 60.94599 (20120224)
503621.98 3635075.90 83.04760 (20120224) 503671.98
3635075.90 141.86816 (19031924)
503721.98 3635075.90 177.58953 (21081004) 503771.98
3635075.90 177.60675 (20071102)
503821.98 3635075.90 150.86696 (19072224) 504371.98
3635075.90 53.75335 (21012617)
504421.98 3635075.90 50.15843 (21012617) 504471.98
3635075.90 43.07945 (21012617)
504521.98 3635075.90 34.63625 (21012617) 502721.98
3635125.90 39.89854 (21011719)
502771.98 3635125.90 37.45898 (21011719) 502821.98
3635125.90 36.18120 (20022207)
502871.98 3635125.90 41.97840 (20022207) 502921.98
3635125.90 46.22969 (20022207)
502971.98 3635125.90 47.81932 (20022207) 503021.98
3635125.90 48.45073 (21012023)
503071.98 3635125.90 51.22117 (21012023) 503121.98
3635125.90 49.20408 (21012023)
503171.98 3635125.90 50.57189 (20040823) 503221.98
3635125.90 54.76060 (20040823)
503271.98 3635125.90 58.86464 (21121424) 503321.98
3635125.90 59.39379 (21121424)
503371.98 3635125.90 63.31245 (19121706) 503421.98
3635125.90 62.43819 (19121706)
503471.98 3635125.90 52.04800 (19020322) 503521.98
3635125.90 53.44860 (19020322)
503571.98 3635125.90 111.45739 (20101023) 503621.98
3635125.90 108.72342 (20120224)
503671.98 3635125.90 140.07985 (20090823) 503721.98
3635125.90 160.68111 (19101219)
503771.98 3635125.90 144.33639 (20071102) 503821.98
3635125.90 133.94319 (19072224)
504371.98 3635125.90 46.12494 (21012617) 504421.98
3635125.90 47.66558 (21012617)
504471.98 3635125.90 45.18809 (21012617) 504521.98
3635125.90 39.70986 (21012617)
504571.98 3635125.90 32.76824 (21012617) 502721.98
3635175.90 30.44270 (21011719)
502771.98 3635175.90 35.29685 (20022207) 502821.98
3635175.90 39.61549 (20022207)
502871.98 3635175.90 42.25636 (20022207) 502921.98
3635175.90 42.55578 (20022207)
502971.98 3635175.90 44.37166 (21012023) 503021.98
3635175.90 45.84354 (21012023)
503071.98 3635175.90 43.35657 (21012023) 503121.98
3635175.90 45.40214 (20040823)
503171.98 3635175.90 49.06229 (20040823) 503221.98
3635175.90 52.03188 (21121424)
503271.98 3635175.90 53.85414 (21121424) 503321.98

3635175.90       54.83400  (19121706)
        503371.98   3635175.90       57.64244  (19121706)                503421.98
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        503471.98   3635175.90       48.37428  (19020322)                503521.98
3635175.90       45.66943  (19020322)
        503571.98   3635175.90      120.57667  (20101023)                503621.98
3635175.90      122.48304  (19031924)
        503671.98   3635175.90      137.21135  (21081004)                503721.98
3635175.90      136.40064  (19101219)
        503771.98   3635175.90      122.44554  (19072223)                503821.98
3635175.90      115.27830  (19072224)
        504371.98   3635175.90       43.67925  (20011620)                504421.98
3635175.90       41.12050  (21012617)
        504471.98   3635175.90       42.75580  (21012617)                504521.98
3635175.90       40.98247  (21012617)
        504571.98   3635175.90       36.63231  (21012617)                504621.98
3635175.90       30.98890  (21012617)
        502721.98   3635225.90       34.02428  (20022207)                502771.98
3635225.90       37.12661  (20022207)
        502821.98   3635225.90       38.55864  (20022207)                502871.98
3635225.90       37.83200  (20022207)
        502921.98   3635225.90       40.64536  (21012023)                502971.98
3635225.90       41.21015  (21012023)
        503021.98   3635225.90       38.48621  (21012023)                503071.98
3635225.90       41.07789  (20040823)
        503121.98   3635225.90       44.27572  (20040823)                503171.98
3635225.90       46.35287  (21121424)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)

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        503021.98   3635325.90       36.67285  (20040823)               503071.98
3635325.90       37.32717  (21121424)
        503121.98   3635325.90       40.49032  (21121424)               503171.98
3635325.90       39.32841  (21121424)
        503221.98   3635325.90       41.86994  (19121706)               503271.98
3635325.90       43.50125  (19121706)
        503321.98   3635325.90       39.02914  (19121706)               503371.98
3635325.90       35.47841  (19020322)
        503421.98   3635325.90       36.53336  (19020322)               503471.98
3635325.90       32.97543  (19020322)
        503521.98   3635325.90       45.77026  (20120224)               503571.98
3635325.90       51.77104  (20120224)
        503621.98   3635325.90      100.47033  (19031924)               504371.98
3635325.90       50.70094  (21090701)
        504421.98   3635325.90       55.68333  (21090701)               504471.98
3635325.90       35.14923  (20011620)
        504521.98   3635325.90       31.27034  (20011620)               504571.98
3635325.90       30.62707  (21012617)
        504621.98   3635325.90       36.34376  (21012617)               504671.98
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        504721.98   3635325.90       29.37639  (21012617)               502721.98
3635375.90       44.96902  (21012023)
        502771.98   3635375.90       54.54970  (21072005)               502821.98
3635375.90       54.79198  (21072005)
        502871.98   3635375.90       58.41382  (21110406)               502921.98
3635375.90       57.88269  (20070801)
        502971.98   3635375.90       44.10348  (20040823)               503021.98
3635375.90       62.87569  (20070802)
        503071.98   3635375.90       69.35983  (20111121)               503121.98
3635375.90       61.33232  (19091321)
        503171.98   3635375.90       45.54824  (19121706)               503221.98
3635375.90       40.13834  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 792
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 38.05674 | (19121706) | 503321.98 | 3635375.90 | 31.24914 | (19121706) |
| 503371.98 | 3635375.90 | 33.64910 | (19020322) | 503421.98 | 3635375.90 | 32.66583 | (19020322) |
| 503471.98 | 3635375.90 | 34.54960 | (20120224) | 503521.98 | 3635375.90 | 44.73476 | (20120224) |
| 503571.98 | 3635375.90 | 47.53925 | (20120224) | 503621.98 | 3635375.90 | 75.31296 | (20090823) |
| 503671.98 | 3635375.90 | 106.19227 | (21081004) | 503721.98 | 3635375.90 | 103.62936 | (19101219) |
| 504371.98 | 3635375.90 | 52.26915 | (21121422) | 504421.98 | 3635375.90 | 38.55484 | (20011620) |
| 504471.98 | 3635375.90 | 33.36424 | (20011620) | 504521.98 | 3635375.90 | 31.99353 | (20011620) |
| 504571.98 | 3635375.90 | 28.34014 | (20011620) | 504621.98 | 3635375.90 | 53.02496 | (21122618) |
| 504671.98 | 3635375.90 | 53.65349 | (21122618) | 504721.98 | 3635375.90 | 41.57731 | (20091421) |
| 502721.98 | 3635425.90 | 45.26546 | (21012023) | 502771.98 | 3635425.90 | 50.99700 | (21072005) |
| 502821.98 | 3635425.90 | 56.22076 | (21110406) | 502871.98 | 3635425.90 | 58.95007 | (20070801) |
| 502921.98 | 3635425.90 | 58.67858 | (20070802) | 502971.98 | 3635425.90 | 66.84433 | (20070802) |
| 503021.98 | 3635425.90 | 66.78940 | (20111121) | 503071.98 | 3635425.90 | 74.67255 | (19091321) |
| 503121.98 | 3635425.90 | 60.51731 | (20042421) | 503171.98 | 3635425.90 | 53.89605 | (20042421) |
| 503221.98 | 3635425.90 | 36.37183 | (19121706) | 503271.98 | 3635425.90 | 66.57881 | (20110924) |
| 503321.98 | 3635425.90 | 61.33378 | (19073101) | 503371.98 | 3635425.90 | 33.64553 | (19020322) |
| 503421.98 | 3635425.90 | 28.63253 | (19020322) | 503471.98 | 3635425.90 | 44.29830 | (20120224) |
| 503521.98 | 3635425.90 | 71.37555 | (20101023) | 503571.98 | 3635425.90 | 78.39396 | (19031924) |
| 503621.98 | 3635425.90 | 73.38982 | (20090823) | 503671.98 | 3635425.90 | 97.22998 | (21081004) |
| 503721.98 | 3635425.90 | 100.60511 | (19101219) | 503771.98 | 3635425.90 | 99.67037 | (20071102) |
| 503821.98 | 3635425.90 | 75.09537 | (21061222) | 504371.98 | 3635425.90 | 65.33550 | (21121422) |
| 504421.98 | 3635425.90 | 49.97135 | (21061321) | 504471.98 | | | |

3635425.90       52.44354  (21090701)
        504521.98   3635425.90       30.78813  (20011620)                504571.98
3635425.90       29.22545  (20011620)
        504621.98   3635425.90       59.66155  (21122618)                504671.98
3635425.90       59.65831  (21122618)
        504721.98   3635425.90       50.59611  (21122618)                502721.98
3635475.90       46.01648  (21110406)
        502771.98   3635475.90       52.35506  (21110406)                502821.98
3635475.90       54.74486  (20070801)
        502871.98   3635475.90       54.07467  (20070802)                502921.98
3635475.90       61.94534  (20070802)
        502971.98   3635475.90       63.11678  (19100620)                503021.98
3635475.90       69.61228  (19091321)
        503071.98   3635475.90       66.86873  (21061223)                503121.98
3635475.90       60.32013  (20042421)
        503171.98   3635475.90       51.19838  (19121706)                503221.98
3635475.90       59.97688  (20110924)
        503271.98   3635475.90       61.28896  (20110924)                503321.98
3635475.90       63.99437  (20091222)
        503371.98   3635475.90       57.65564  (19111601)                503421.98
3635475.90       63.22975  (20033120)
        503471.98   3635475.90       70.79477  (20101023)                503521.98
3635475.90       65.45729  (20120224)
        503571.98   3635475.90       77.27809  (19031924)                503621.98
3635475.90       69.67050  (21081004)
        503671.98   3635475.90       80.45185  (21081004)                503721.98
3635475.90       85.50905  (19101219)
        503771.98   3635475.90       94.35017  (20071102)                503821.98
3635475.90       72.67863  (20071102)
        503871.98   3635475.90       87.62710  (19013104)                503921.98
3635475.90      103.97759  (19122420)
        504371.98   3635475.90       17.10041  (20040223)                504421.98
3635475.90       21.27958  (20011620)
        504471.98   3635475.90       40.17065  (21061321)                504521.98
3635475.90       28.11258  (20011620)
        504571.98   3635475.90       44.33016  (21090701)                504621.98
3635475.90       49.84995  (21090701)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 57.43066 | (21122618) | 504721.98 | 3635475.90 | 59.49452 | (21122618) |
| 502221.98 | 3632975.90 | 4.98750 | (21030103) | 502271.98 | 3632975.90 | 6.22833 | (21030103) |
| 502321.98 | 3632975.90 | 7.59828 | (21030103) | 502371.98 | 3632975.90 | 9.02794 | (21030103) |
| 502421.98 | 3632975.90 | 10.41701 | (21030103) | 502471.98 | 3632975.90 | 11.64095 | (21030103) |
| 502521.98 | 3632975.90 | 12.56665 | (21030103) | 502571.98 | 3632975.90 | 13.07353 | (21030103) |
| 502621.98 | 3632975.90 | 14.28570 | (20121603) | 502671.98 | 3632975.90 | 16.73243 | (20121603) |
| 502721.98 | 3632975.90 | 18.61223 | (20121603) | 502771.98 | 3632975.90 | 19.58761 | (20121603) |
| 502821.98 | 3632975.90 | 29.69494 | (20121603) | 502871.98 | 3632975.90 | 31.10327 | (20092124) |
| 502921.98 | 3632975.90 | 37.70470 | (20092124) | 502971.98 | 3632975.90 | 38.63723 | (20090205) |
| 503021.98 | 3632975.90 | 37.99236 | (20090205) | 503071.98 | 3632975.90 | 35.02379 | (20090205) |
| 503121.98 | 3632975.90 | 38.33003 | (20102407) | 503171.98 | 3632975.90 | 39.78254 | (20111701) |
| 503221.98 | 3632975.90 | 37.78475 | (20111701) | 503271.98 | 3632975.90 | 39.76313 | (19081924) |
| 503321.98 | 3632975.90 | 46.93814 | (19081924) | 503371.98 | 3632975.90 | 44.82056 | (19081924) |
| 503421.98 | 3632975.90 | 42.58650 | (19110606) | 503471.98 | 3632975.90 | 44.79895 | (19110606) |
| 503621.98 | 3632975.90 | 42.76310 | (20050102) | 503671.98 | 3632975.90 | 40.98881 | (21020203) |
| 503721.98 | 3632975.90 | 39.93271 | (21020203) | 503771.98 | 3632975.90 | 34.11977 | (20082921) |
| 503821.98 | 3632975.90 | 36.15463 | (20082921) | 503871.98 | 3632975.90 | 32.12543 | (20110207) |
| 503921.98 | 3632975.90 | 26.68379 | (20080919) | 503971.98 | 3632975.90 | 33.16931 | (20082519) |
| 504021.98 | 3632975.90 | 35.66730 | (20022622) | 504071.98 | 3632975.90 | 35.15086 | (21013120) |

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        504121.98   3632975.90       34.77792  (21011302)                504171.98
3632975.90       31.57166  (19102905)
        504221.98   3632975.90       33.98602  (21022205)                504271.98
3632975.90       34.41849  (20022403)
        504321.98   3632975.90       32.34581  (21011620)                504371.98
3632975.90       32.79118  (21011620)
        504421.98   3632975.90       32.65573  (21013021)                504471.98
3632975.90       31.78288  (20042404)
        504521.98   3632975.90       31.79219  (21120723)                504571.98
3632975.90       30.92518  (20101423)
        504621.98   3632975.90       29.95674  (20112022)                504671.98
3632975.90       30.59326  (21011323)
        504721.98   3632975.90       29.60831  (21120804)                504771.98
3632975.90       29.29644  (21010102)
        504821.98   3632975.90       28.04643  (21022803)                504871.98
3632975.90       28.77608  (19022705)
        504921.98   3632975.90       28.34587  (21021820)                504971.98
3632975.90       27.32751  (21011520)
        505021.98   3632975.90       27.06139  (21011520)                505071.98
3632975.90       26.34297  (21010522)
        505121.98   3632975.90       25.87604  (19122301)                505171.98
3632975.90       25.39950  (20122923)
        505221.98   3632975.90       23.84790  (20122923)                502221.98
3633025.90        4.13587  (21030103)
        502271.98   3633025.90        5.29913  (21030103)                502321.98
3633025.90        6.63694  (21030103)
        502371.98   3633025.90        8.11348  (21030103)                502421.98
3633025.90        9.64486  (21030103)
        502471.98   3633025.90       11.11235  (21030103)                502521.98
3633025.90       12.38089  (21030103)
        502571.98   3633025.90       13.29767  (21030103)                502621.98
3633025.90       13.73169  (21030103)
        502671.98   3633025.90       15.71132  (20121603)                502721.98
3633025.90       18.18526  (20121603)
        502771.98   3633025.90       19.91854  (20121603)                502821.98
3633025.90       32.31289  (20121603)
        502871.98   3633025.90       32.12389  (20121603)                502921.98
3633025.90       35.60994  (20092124)
        502971.98   3633025.90       36.90286  (20090205)                503021.98
3633025.90       43.44790  (20090205)
        503071.98   3633025.90       42.03230  (20090205)                503121.98
3633025.90       36.78329  (20102407)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 794
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 38.60164 | (20111701) | 503221.98 | 3633025.90 | 38.76531 | (20111701) |
| 503271.98 | 3633025.90 | 38.57128 | (19050103) | 503321.98 | 3633025.90 | 49.67724 | (19081924) |
| 503371.98 | 3633025.90 | 48.89820 | (19081924) | 503421.98 | 3633025.90 | 42.87742 | (19110606) |
| 503471.98 | 3633025.90 | 47.08255 | (19110606) | 503621.98 | 3633025.90 | 42.61787 | (20050102) |
| 503671.98 | 3633025.90 | 42.49082 | (20050102) | 503721.98 | 3633025.90 | 42.42920 | (21020203) |
| 503771.98 | 3633025.90 | 32.92752 | (20082921) | 503821.98 | 3633025.90 | 35.55150 | (20110207) |
| 503871.98 | 3633025.90 | 33.08277 | (20110207) | 503921.98 | 3633025.90 | 28.72315 | (20080820) |
| 503971.98 | 3633025.90 | 34.44672 | (20082519) | 504021.98 | 3633025.90 | 37.32342 | (20022622) |
| 504071.98 | 3633025.90 | 37.11061 | (21013120) | 504121.98 | 3633025.90 | 35.35338 | (21011302) |
| 504171.98 | 3633025.90 | 34.19906 | (19102905) | 504221.98 | 3633025.90 | 35.37396 | (21022205) |
| 504271.98 | 3633025.90 | 36.59184 | (20022403) | 504321.98 | 3633025.90 | 35.29937 | (21011620) |
| 504371.98 | 3633025.90 | 33.65280 | (20052501) | 504421.98 | 3633025.90 | 32.15962 | (21013021) |
| 504471.98 | 3633025.90 | 33.24361 | (21120723) | 504521.98 | 3633025.90 | 31.56924 | (20112701) |
| 504571.98 | 3633025.90 | 31.33049 | (20112022) | 504621.98 | 3633025.90 | 31.12882 | (21022020) |
| 504671.98 | 3633025.90 | 31.09692 | (21011323) | 504721.98 | 3633025.90 | 31.12293 | (21010102) |
| 504771.98 | 3633025.90 | 30.38556 | (20011902) | 504821.98 | 3633025.90 | 29.78637 | (19022705) |
| 504871.98 | 3633025.90 | 29.75171 | (21021820) | 504921.98 | | | |

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3633025.90       28.77087  (20121007)
        504971.98   3633025.90       28.79495  (21011520)                505021.98
3633025.90       27.18221  (21010522)
        505071.98   3633025.90       26.81393  (19122301)                505121.98
3633025.90       26.39094  (20122923)
        505171.98   3633025.90       25.16717  (20122923)                505221.98
3633025.90       25.04387  (20100121)
        502221.98   3633075.90        4.66888  (19010119)                502271.98
3633075.90        4.38874  (21030103)
        502321.98   3633075.90        5.63998  (21030103)                502371.98
3633075.90        7.08911  (21030103)
        502421.98   3633075.90        8.68153  (21030103)                502471.98
3633075.90       10.31781  (21030103)
        502521.98   3633075.90       11.87297  (21030103)                502571.98
3633075.90       13.18227  (21030103)
        502621.98   3633075.90       14.07670  (21030103)                502671.98
3633075.90       14.41892  (21030103)
        502721.98   3633075.90       17.26993  (20121603)                502771.98
3633075.90       19.72596  (20121603)
        502821.98   3633075.90       31.23873  (20121603)                502871.98
3633075.90       33.86872  (20121603)
        502921.98   3633075.90       35.50240  (20092124)                502971.98
3633075.90       39.20775  (21063005)
        503021.98   3633075.90       42.93470  (20090205)                503071.98
3633075.90       42.21361  (20090205)
        503121.98   3633075.90       35.32370  (20061222)                503171.98
3633075.90       40.52027  (20082723)
        503221.98   3633075.90       41.61469  (20082723)                503271.98
3633075.90       38.33390  (20111701)
        503321.98   3633075.90       48.92313  (19081924)                503371.98
3633075.90       51.25874  (19081924)
        503421.98   3633075.90       42.17571  (19110606)                503471.98
3633075.90       48.98401  (19110606)
        503621.98   3633075.90       42.38871  (20050102)                503671.98
3633075.90       42.78840  (20050102)
        503721.98   3633075.90       42.27880  (21020203)                503771.98
3633075.90       33.45702  (20032924)
        503821.98   3633075.90       37.45584  (20110207)                503871.98
3633075.90       34.00445  (20110207)
        503921.98   3633075.90       31.03097  (20080820)                503971.98
3633075.90       36.73043  (19032124)
        504021.98   3633075.90       38.68111  (20022622)                504071.98
3633075.90       38.62671  (21013120)
        504121.98   3633075.90       35.22270  (21011302)                504171.98
3633075.90       36.21922  (19102905)
        504221.98   3633075.90       36.79923  (19121107)                504271.98
3633075.90       37.29858  (20022403)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 36.74796 | (21011620) | 504371.98 | 3633075.90 | 35.80679 | (21013021) |
| 504421.98 | 3633075.90 | 34.35611 | (20042404) | 504471.98 | 3633075.90 | 34.69625 | (21120723) |
| 504521.98 | 3633075.90 | 33.56494 | (20101423) | 504571.98 | 3633075.90 | 32.29401 | (20112022) |
| 504621.98 | 3633075.90 | 33.32498 | (21011323) | 504671.98 | 3633075.90 | 31.83753 | (21010102) |
| 504721.98 | 3633075.90 | 31.98837 | (20011902) | 504771.98 | 3633075.90 | 30.34009 | (21022803) |
| 504821.98 | 3633075.90 | 30.68725 | (21021820) | 504871.98 | 3633075.90 | 30.09756 | (20121007) |
| 504921.98 | 3633075.90 | 30.39619 | (21011520) | 504971.98 | 3633075.90 | 28.64541 | (19121906) |
| 505021.98 | 3633075.90 | 28.28670 | (21010522) | 505071.98 | 3633075.90 | 27.39965 | (20122923) |
| 505121.98 | 3633075.90 | 26.56789 | (20122923) | 505171.98 | 3633075.90 | 26.10119 | (20100121) |
| 505221.98 | 3633075.90 | 26.96948 | (21022502) | 502221.98 | 3633125.90 | 5.27512 | (19010119) |
| 502271.98 | 3633125.90 | 4.97277 | (19010119) | 502321.98 | 3633125.90 | 4.65787 | (21030103) |
| 502371.98 | 3633125.90 | 6.01363 | (21030103) | 502421.98 | 3633125.90 | 7.58522 | (21030103) |
| 502471.98 | 3633125.90 | 9.30446 | (21030103) | 502521.98 | 3633125.90 | 11.06409 | (21030103) |
| 502571.98 | 3633125.90 | 12.70829 | (21030103) | 502621.98 | 3633125.90 | 14.05063 | (21030103) |

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        502671.98   3633125.90       14.90677  (21030103)               502721.98
3633125.90       15.89968  (20121603)
        502771.98   3633125.90       18.95907  (20121603)               502821.98
3633125.90       21.32503  (20121603)
        502871.98   3633125.90       33.80936  (20121603)               502921.98
3633125.90       34.04628  (20121603)
        502971.98   3633125.90       42.70108  (20092124)               503021.98
3633125.90       48.57687  (20092124)
        503071.98   3633125.90       49.48331  (20092124)               503121.98
3633125.90       40.76954  (20061222)
        503171.98   3633125.90       40.35172  (20082723)               503221.98
3633125.90       43.74846  (20082723)
        503271.98   3633125.90       40.42348  (20111701)               503321.98
3633125.90       48.14299  (19081924)
        503371.98   3633125.90       54.65925  (19081924)               503421.98
3633125.90       43.41115  (19081924)
        503471.98   3633125.90       50.46077  (19110606)               503621.98
3633125.90       41.54526  (20050102)
        503671.98   3633125.90       42.59054  (20050102)               503721.98
3633125.90       42.16573  (21020203)
        503771.98   3633125.90       35.66332  (20032924)               503821.98
3633125.90       39.46861  (20110207)
        503871.98   3633125.90       34.79891  (20110207)               503921.98
3633125.90       33.42272  (20080820)
        503971.98   3633125.90       38.92763  (19032124)               504021.98
3633125.90       39.64461  (20022622)
        504071.98   3633125.90       39.55298  (21013120)               504121.98
3633125.90       34.30906  (21011302)
        504171.98   3633125.90       37.96797  (21022205)               504221.98
3633125.90       38.66618  (20022403)
        504271.98   3633125.90       37.06737  (21011620)               504321.98
3633125.90       36.97641  (20052501)
        504371.98   3633125.90       36.18573  (21013021)               504421.98
3633125.90       35.92906  (21120723)
        504471.98   3633125.90       34.40081  (20112701)               504521.98
3633125.90       34.20736  (20112022)
        504571.98   3633125.90       33.85263  (21011323)               504621.98
3633125.90       33.40287  (21120804)
        504671.98   3633125.90       33.58669  (21010102)               504721.98
3633125.90       31.92836  (20011902)
        504771.98   3633125.90       32.63584  (19022705)               504821.98
3633125.90       31.74563  (21021820)
        504871.98   3633125.90       31.76587  (21011520)               504921.98
3633125.90       30.20786  (19121906)
        504971.98   3633125.90       29.94981  (21010522)               505021.98
3633125.90       28.99262  (19122301)
        505071.98   3633125.90       28.06563  (20122923)               505121.98
3633125.90       27.22752  (20100121)
        505171.98   3633125.90       28.18630  (21022502)               505221.98
3633125.90       26.82697  (21022502)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 5.29061 | (19010119) | 502371.98 | 3633175.90 | 4.95350 | (21030103) |
| 502421.98 | 3633175.90 | 6.42852 | (21030103) | 502471.98 | 3633175.90 | 8.13451 | (21030103) |
| 502521.98 | 3633175.90 | 9.99877 | (21030103) | 502571.98 | 3633175.90 | 11.88746 | (21030103) |
| 502621.98 | 3633175.90 | 13.62118 | (21030103) | 502671.98 | 3633175.90 | 14.98786 | (21030103) |
| 502721.98 | 3633175.90 | 15.77550 | (21030103) | 502771.98 | 3633175.90 | 26.96908 | (21030103) |
| 502821.98 | 3633175.90 | 34.47187 | (21031822) | 502871.98 | 3633175.90 | 32.17027 | (20121603) |
| 502921.98 | 3633175.90 | 35.24555 | (20121603) | 502971.98 | 3633175.90 | 34.42447 | (20092124) |
| 503021.98 | 3633175.90 | 48.91515 | (20092124) | 503071.98 | 3633175.90 | 52.62591 | (20092124) |
| 503121.98 | 3633175.90 | 48.11405 | (20092124) | 503171.98 | 3633175.90 | 36.81831 | (20061222) |
| 503221.98 | 3633175.90 | 45.52281 | (20082723) | 503271.98 | 3633175.90 | 44.91941 | (20082723) |
| 503321.98 | 3633175.90 | 44.98791 | (19050103) | 503371.98 | 3633175.90 | 55.00228 | (19081924) |
| 503421.98 | 3633175.90 | 48.33948 | (19081924) | 503471.98 | | | |

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3633175.90       51.40169  (19110606)
        503621.98   3633175.90       38.44347  (19091221)                503671.98
3633175.90       43.70090  (20050102)
        503721.98   3633175.90       42.03232  (21020203)                503771.98
3633175.90       37.87577  (20032924)
        503821.98   3633175.90       41.60331  (20110207)                503871.98
3633175.90       35.58108  (20110207)
        503921.98   3633175.90       35.93419  (20082519)                503971.98
3633175.90       40.97016  (19032124)
        504021.98   3633175.90       40.13539  (20022622)                504071.98
3633175.90       41.32185  (21011302)
        504121.98   3633175.90       37.68613  (19102905)                504171.98
3633175.90       40.38886  (21022205)
        504221.98   3633175.90       41.54690  (20022403)                504271.98
3633175.90       40.31930  (21011620)
        504321.98   3633175.90       39.00029  (21013021)                504371.98
3633175.90       37.14934  (20042404)
        504421.98   3633175.90       38.06828  (21120723)                504471.98
3633175.90       36.66301  (20101423)
        504521.98   3633175.90       34.96133  (21022020)                504571.98
3633175.90       36.25472  (21011323)
        504621.98   3633175.90       35.41562  (21010102)                504671.98
3633175.90       34.76928  (20011902)
        504721.98   3633175.90       34.16452  (19022705)                504771.98
3633175.90       33.89434  (21021820)
        504821.98   3633175.90       32.82890  (21011520)                504871.98
3633175.90       31.62025  (19121906)
        504921.98   3633175.90       31.59366  (21010522)                504971.98
3633175.90       30.67599  (19122301)
        505021.98   3633175.90       29.68305  (20122923)                505071.98
3633175.90       28.44527  (20100121)
        505121.98   3633175.90       29.50161  (21022502)                505171.98
3633175.90       28.02178  (21022502)
        505221.98   3633175.90       26.70411  (20100521)                502221.98
3633225.90        6.38029  (19010119)
        502271.98   3633225.90        6.22639  (19010119)                502321.98
3633225.90        5.97868  (19010119)
        502371.98   3633225.90        5.65623  (19010119)                502421.98
3633225.90        5.27807  (21030103)
        502471.98   3633225.90        6.88076  (21030103)                502521.98
3633225.90        8.74234  (21030103)
        502571.98   3633225.90       10.76523  (21030103)                502621.98
3633225.90       12.79575  (21030103)
        502671.98   3633225.90       14.62264  (21030103)                502721.98
3633225.90       15.99475  (21030103)
        502771.98   3633225.90       16.70665  (21030103)                502821.98
3633225.90       30.29038  (21031822)
        502871.98   3633225.90       34.63541  (21031822)                502921.98
3633225.90       35.31574  (20121603)
        502971.98   3633225.90       35.24456  (20121603)                503021.98
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503371.98   3633225.90       51.99326  (19081924)                503421.98
3633225.90       52.26775  (19081924)
        503471.98   3633225.90       51.32835  (19110606)                503621.98
3633225.90       39.63148  (19091221)
        503671.98   3633225.90       44.42687  (20050102)                503721.98
3633225.90       43.68397  (21020203)
        503771.98   3633225.90       39.74149  (20032924)                503821.98
3633225.90       43.67671  (20110207)
        503871.98   3633225.90       36.35158  (20110207)                503921.98
3633225.90       38.58926  (20082519)
        503971.98   3633225.90       42.77760  (19032124)                504021.98
3633225.90       43.09268  (21013120)
        504071.98   3633225.90       42.74485  (21011302)                504121.98
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        504171.98   3633225.90       41.74729  (19121107)                504221.98
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        504271.98   3633225.90       41.53034  (21011620)                504321.98
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504371.98 3633225.90 39.24810 (20042404) 504421.98 3633225.90 37.71973 (20112701)
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504971.98 3633225.90 31.41529 (20122923) 505021.98 3633225.90 29.77899 (20100121)
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 798
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        504721.98   3633275.90       36.29997  (20121007)                504771.98
3633275.90       36.42210  (21011520)
        504821.98   3633275.90       34.65256  (21010522)                504871.98
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3633325.90       46.04918  (21022205)
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        504571.98   3633325.90       40.37028  (20011902)                504621.98
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        504971.98   3633325.90       34.20724  (21022502)                505021.98
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 800
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3633425.90       53.21180  (21020203)
        503771.98   3633425.90       47.86734  (20032924)                503821.98
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)

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        505071.98   3633675.90       37.67662  (21011418)               505121.98
3633675.90       36.01425  (21021801)
        505171.98   3633675.90       35.04265  (21011022)               505221.98
3633675.90       34.05886  (21122302)
        502221.98   3633725.90        9.74648  (21111004)               502271.98
3633725.90       10.83375  (21111004)
        502321.98   3633725.90       11.96684  (21111004)               502371.98
3633725.90       13.04358  (21111004)
        502421.98   3633725.90       14.02380  (21111004)               502471.98
3633725.90       14.84175  (21111004)
        502521.98   3633725.90       15.43286  (21111004)               502571.98
3633725.90       15.72880  (21111004)
        502621.98   3633725.90       15.67242  (21111004)               502671.98
3633725.90       15.21941  (21111004)
        504771.98   3633725.90       51.77305  (20081803)               504821.98
3633725.90       48.58849  (20111118)
        504871.98   3633725.90       48.23526  (20111118)               504921.98
3633725.90       46.15163  (21011418)
        504971.98   3633725.90       46.73098  (21011418)               505021.98
3633725.90       41.93488  (21011418)
        505071.98   3633725.90       38.45025  (21011022)               505121.98
3633725.90       37.36540  (20021024)
        505171.98   3633725.90       37.57382  (21122302)               505221.98
3633725.90       35.10922  (21011724)
        502221.98   3633775.90        9.78511  (21012320)               502271.98
3633775.90        9.54534  (21111004)
        502321.98   3633775.90       10.82601  (21111004)               502371.98
3633775.90       12.10709  (21111004)
        502421.98   3633775.90       13.39096  (21111004)               502471.98
3633775.90       14.58409  (21111004)
        502521.98   3633775.90       15.66093  (21111004)               502571.98
3633775.90       16.51794  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 802
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 17.06223 | (21111004) | 502671.98 | 3633775.90 | 17.22449 | (21111004) |
| 504771.98 | 3633775.90 | 57.92763 | (20111118) | 504821.98 | 3633775.90 | 53.70436 | (20111118) |
| 504871.98 | 3633775.90 | 53.24375 | (21011418) | 504921.98 | 3633775.90 | 49.46641 | (21011418) |
| 504971.98 | 3633775.90 | 43.16579 | (21011418) | 505021.98 | 3633775.90 | 40.15082 | (20021024) |
| 505071.98 | 3633775.90 | 40.54628 | (21122302) | 505121.98 | 3633775.90 | 38.87049 | (21122302) |
| 505171.98 | 3633775.90 | 37.75756 | (21010408) | 505221.98 | 3633775.90 | 36.77414 | (21010408) |
| 502221.98 | 3633825.90 | 12.89482 | (21012320) | 502271.98 | 3633825.90 | 12.02192 | (21012320) |
| 502321.98 | 3633825.90 | 11.11138 | (21012320) | 502371.98 | 3633825.90 | 10.66524 | (21111004) |
| 502421.98 | 3633825.90 | 12.11176 | (21111004) | 502471.98 | 3633825.90 | 13.58867 | (21111004) |
| 502521.98 | 3633825.90 | 15.05256 | (21111004) | 502571.98 | 3633825.90 | 16.42143 | (21111004) |
| 502621.98 | 3633825.90 | 17.59569 | (21111004) | 502671.98 | 3633825.90 | 18.45827 | (21111004) |
| 504771.98 | 3633825.90 | 61.69907 | (20082222) | 504821.98 | 3633825.90 | 60.76010 | (21011418) |
| 504871.98 | 3633825.90 | 50.85477 | (21011418) | 504921.98 | 3633825.90 | 44.72138 | (21011022) |
| 504971.98 | 3633825.90 | 43.52205 | (21122302) | 505021.98 | 3633825.90 | 42.87120 | (21122302) |
| 505071.98 | 3633825.90 | 40.76142 | (21010408) | 505121.98 | 3633825.90 | 40.77045 | (21010408) |
| 505171.98 | 3633825.90 | 38.43943 | (21011720) | 505221.98 | 3633825.90 | 36.55991 | (21011221) |
| 502221.98 | 3633875.90 | 15.89870 | (21012320) | 502271.98 | 3633875.90 | 15.33194 | (21012320) |
| 502321.98 | 3633875.90 | 14.68362 | (21012320) | 502371.98 | 3633875.90 | 13.77185 | (21012320) |
| 502421.98 | 3633875.90 | 12.72473 | (21012320) | 502471.98 | 3633875.90 | 11.94501 | (21111004) |
| 502521.98 | 3633875.90 | 13.64969 | (21111004) | 502571.98 | 3633875.90 | 15.39280 | (21111004) |
| 502621.98 | 3633875.90 | 17.08530 | (21111004) | 502671.98 | 3633875.90 | 18.61606 | (21111004) |
| 504771.98 | 3633875.90 | 66.80331 | (21011418) | 504821.98 | | | |

3633875.90       54.59801  (21011418)
        504871.98   3633875.90       47.81804  (20021024)                504921.98
3633875.90       47.87826  (21122302)
        504971.98   3633875.90       45.11857  (21011724)                505021.98
3633875.90       44.82487  (21010408)
        505071.98   3633875.90       42.21872  (21011720)                505121.98
3633875.90       40.36921  (21011221)
        505171.98   3633875.90       39.50315  (20121406)                505221.98
3633875.90       37.33259  (20121406)
        502221.98   3633925.90       18.35342  (21012320)                502271.98
3633925.90       18.28909  (21012320)
        502321.98   3633925.90       18.06581  (21012320)                502371.98
3633925.90       17.53957  (21012320)
        502421.98   3633925.90       16.86317  (21012320)                502471.98
3633925.90       15.87764  (21012320)
        502521.98   3633925.90       14.69571  (21012320)                502571.98
3633925.90       13.53360  (21111004)
        502621.98   3633925.90       15.54353  (21111004)                502671.98
3633925.90       17.57522  (21111004)
        504771.98   3633925.90       56.91856  (20081722)                504821.98
3633925.90       53.28524  (21122302)
        504871.98   3633925.90       50.12183  (21011724)                504921.98
3633925.90       49.51882  (21010408)
        504971.98   3633925.90       46.95604  (21011720)                505021.98
3633925.90       44.65129  (21011221)
        505071.98   3633925.90       43.79642  (20121406)                505121.98
3633925.90       40.73736  (20121406)
        505171.98   3633925.90       39.12891  (20021723)                505221.98
3633925.90       38.24131  (20021723)
        502221.98   3633975.90       19.77410  (21012320)                502271.98
3633975.90       20.21587  (21012320)
        502321.98   3633975.90       20.59090  (21012320)                502371.98
3633975.90       20.76620  (21012320)
        502421.98   3633975.90       20.66224  (21012320)                502471.98
3633975.90       20.24692  (21012320)
        502521.98   3633975.90       19.54199  (21012320)                502571.98
3633975.90       18.49852  (21012320)


 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 17.15932 | (21012320) | 502671.98 | 3633975.90 | 15.51275 | (21012320) |
| 504771.98 | 3633975.90 | 57.27007 | (21011724) | 504821.98 | 3633975.90 | 55.17395 | (21010408) |
| 504871.98 | 3633975.90 | 52.09162 | (21011720) | 504921.98 | 3633975.90 | 49.20612 | (21011221) |
| 504971.98 | 3633975.90 | 48.74169 | (20121406) | 505021.98 | 3633975.90 | 45.06803 | (20021305) |
| 505071.98 | 3633975.90 | 44.22123 | (20021723) | 505121.98 | 3633975.90 | 42.44926 | (19011606) |
| 505171.98 | 3633975.90 | 41.21058 | (19011606) | 505221.98 | 3633975.90 | 38.28835 | (20012223) |
| 502221.98 | 3634025.90 | 19.78554 | (21012320) | 502271.98 | 3634025.90 | 20.75931 | (21012320) |
| 502321.98 | 3634025.90 | 21.74982 | (21012320) | 502371.98 | 3634025.90 | 22.63252 | (21012320) |
| 502421.98 | 3634025.90 | 23.28271 | (21012320) | 502471.98 | 3634025.90 | 23.67551 | (21012320) |
| 502521.98 | 3634025.90 | 23.76616 | (21012320) | 502571.98 | 3634025.90 | 23.50406 | (21012320) |
| 502621.98 | 3634025.90 | 22.85596 | (21012320) | 502671.98 | 3634025.90 | 21.75496 | (21012320) |
| 504771.98 | 3634025.90 | 58.69951 | (21011720) | 504821.98 | 3634025.90 | 55.75613 | (21011221) |
| 504871.98 | 3634025.90 | 53.57770 | (20121406) | 504921.98 | 3634025.90 | 49.77554 | (20021305) |
| 504971.98 | 3634025.90 | 49.54957 | (20021723) | 505021.98 | 3634025.90 | 48.39339 | (19011606) |
| 505071.98 | 3634025.90 | 45.17146 | (19011606) | 505121.98 | 3634025.90 | 42.01402 | (20012223) |
| 505171.98 | 3634025.90 | 41.31687 | (19121305) | 505221.98 | 3634025.90 | 38.93804 | (19121305) |
| 502221.98 | 3634075.90 | 18.26286 | (21012320) | 502271.98 | 3634075.90 | 19.68429 | (21012320) |
| 502321.98 | 3634075.90 | 21.16115 | (21012320) | 502371.98 | 3634075.90 | 22.60335 | (21012320) |
| 502421.98 | 3634075.90 | 23.95390 | (21012320) | 502471.98 | 3634075.90 | 25.20791 | (21012320) |

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        502521.98   3634075.90       26.29574  (21012320)                502571.98
3634075.90       27.14578  (21012320)
        502621.98   3634075.90       27.56655  (21012320)                502671.98
3634075.90       27.57970  (21012320)
        504771.98   3634075.90       60.28995  (20121406)                504821.98
3634075.90       55.95427  (20021723)
        504871.98   3634075.90       54.44951  (20021723)                504921.98
3634075.90       53.51356  (19011606)
        504971.98   3634075.90       49.68649  (20012223)                505021.98
3634075.90       47.82177  (21022322)
        505071.98   3634075.90       44.71533  (21022322)                505121.98
3634075.90       42.02401  (21010422)
        505171.98   3634075.90       41.32250  (19011923)                505221.98
3634075.90       39.25758  (19011923)
        502221.98   3634125.90       15.53599  (21012320)                502271.98
3634125.90       17.20104  (21012320)
        502321.98   3634125.90       18.90624  (21012320)                502371.98
3634125.90       20.75456  (21012320)
        502421.98   3634125.90       22.61973  (21012320)                502471.98
3634125.90       24.51172  (21012320)
        502521.98   3634125.90       26.37267  (21012320)                502571.98
3634125.90       28.15166  (21012320)
        502621.98   3634125.90       29.89697  (21012320)                502671.98
3634125.90       31.32119  (21012320)
        504771.98   3634125.90       62.88847  (19011606)                504821.98
3634125.90       58.30974  (19011606)
        504871.98   3634125.90       55.34854  (19121305)                504921.98
3634125.90       52.98038  (21022322)
        504971.98   3634125.90       48.99778  (19011923)                505021.98
3634125.90       48.63864  (19011923)
        505071.98   3634125.90       45.26728  (19011923)                505121.98
3634125.90       43.28960  (19012803)
        505171.98   3634125.90       41.49444  (21121821)                505221.98
3634125.90       39.96603  (21121821)
        502221.98   3634175.90       14.21450  (19083104)                502271.98
3634175.90       14.33487  (19083104)
        502321.98   3634175.90       15.32885  (21012320)                502371.98
3634175.90       17.41343  (21012320)
        502421.98   3634175.90       19.44251  (21012320)                502471.98
3634175.90       21.62755  (21012320)
        502521.98   3634175.90       23.92806  (21012320)                502571.98
3634175.90       26.37055  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 804
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 28.87709 | (21012320) | 502671.98 | 3634175.90 | 31.45398 | (21012320) |
| 504771.98 | 3634175.90 | 63.71852 | (21022322) | 504821.98 | 3634175.90 | 58.12987 | (19011923) |
| 504871.98 | 3634175.90 | 57.50697 | (19011923) | 504921.98 | 3634175.90 | 53.70828 | (19012803) |
| 504971.98 | 3634175.90 | 50.85950 | (19012803) | 505021.98 | 3634175.90 | 48.80730 | (21121821) |
| 505071.98 | 3634175.90 | 46.07725 | (20121224) | 505121.98 | 3634175.90 | 43.96924 | (20121224) |
| 505171.98 | 3634175.90 | 41.72028 | (20020703) | 505221.98 | 3634175.90 | 40.73356 | (20020703) |
| 502221.98 | 3634225.90 | 16.27664 | (19083104) | 502271.98 | 3634225.90 | 16.69189 | (19083104) |
| 502321.98 | 3634225.90 | 17.16545 | (19083104) | 502371.98 | 3634225.90 | 17.60524 | (19083104) |
| 502421.98 | 3634225.90 | 17.92384 | (19083104) | 502471.98 | 3634225.90 | 18.16171 | (19083104) |
| 502521.98 | 3634225.90 | 19.48287 | (21012320) | 502571.98 | 3634225.90 | 22.07853 | (21012320) |
| 502621.98 | 3634225.90 | 24.90893 | (21012320) | 502671.98 | 3634225.90 | 28.01912 | (21012320) |
| 504771.98 | 3634225.90 | 64.76258 | (19012803) | 504821.98 | 3634225.90 | 60.97841 | (21121821) |
| 504871.98 | 3634225.90 | 57.71695 | (21121821) | 504921.98 | 3634225.90 | 55.11599 | (20121224) |
| 504971.98 | 3634225.90 | 51.16748 | (20020703) | 505021.98 | 3634225.90 | 48.96741 | (20020703) |
| 505071.98 | 3634225.90 | 45.48609 | (21022324) | 505121.98 | 3634225.90 | 42.98419 | (21022324) |
| 505171.98 | 3634225.90 | 40.92352 | (20122520) | 505221.98 | 3634225.90 | 39.27264 | (21122121) |
| 502221.98 | 3634275.90 | 17.24287 | (19083104) | 502271.98 | | | |

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3634275.90       17.96579  (19083104)
        502321.98   3634275.90       18.75965  (19083104)                502371.98
3634275.90       19.62263  (19083104)
        502421.98   3634275.90       20.38277  (19083104)                502471.98
3634275.90       21.11620  (19083104)
        502521.98   3634275.90       21.82635  (19083104)                502571.98
3634275.90       22.48487  (19083104)
        502621.98   3634275.90       23.09939  (19083104)                502671.98
3634275.90       23.62244  (19083104)
        504771.98   3634275.90       65.13682  (20020703)                504821.98
3634275.90       61.94167  (20020703)
        504871.98   3634275.90       56.44204  (20020703)                504921.98
3634275.90       52.87016  (21022324)
        504971.98   3634275.90       50.59758  (20122520)                505021.98
3634275.90       49.18350  (21122121)
        505071.98   3634275.90       47.79680  (21122121)                505121.98
3634275.90       45.26684  (21122121)
        505171.98   3634275.90       44.01814  (20121803)                505221.98
3634275.90       42.52024  (20121803)
        502221.98   3634325.90       16.87624  (19083104)                502271.98
3634325.90       17.82503  (19083104)
        502321.98   3634325.90       18.81525  (19083104)                502371.98
3634325.90       19.86227  (19083104)
        502421.98   3634325.90       20.95686  (19083104)                502471.98
3634325.90       22.08936  (19083104)
        502521.98   3634325.90       23.28114  (19083104)                502571.98
3634325.90       24.51054  (19083104)
        502621.98   3634325.90       25.77108  (19083104)                502671.98
3634325.90       27.07689  (19083104)
        504771.98   3634325.90       66.16785  (21122121)                504821.98
3634325.90       63.90295  (21122121)
        504871.98   3634325.90       59.96775  (20121803)                504921.98
3634325.90       57.45113  (20121803)
        504971.98   3634325.90       54.00451  (20121803)                505021.98
3634325.90       50.61376  (20121803)
        505071.98   3634325.90       47.93796  (21122201)                505121.98
3634325.90       45.27207  (21122201)
        505171.98   3634325.90       42.43546  (19021906)                505221.98
3634325.90       41.07186  (19021906)
        502221.98   3634375.90       15.24594  (19083104)                502271.98
3634375.90       16.23984  (19083104)
        502321.98   3634375.90       17.26474  (19083104)                502371.98
3634375.90       18.37889  (19083104)
        502421.98   3634375.90       19.67109  (19083104)                502471.98
3634375.90       21.06763  (19083104)
        502521.98   3634375.90       22.59811  (19083104)                502571.98
3634375.90       24.18737  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 25.81940 | (19083104) | 502671.98 | 3634375.90 | 27.49850 | (19083104) |
| 504771.98 | 3634375.90 | 68.28714 | (21122201) | 504821.98 | 3634375.90 | 62.55295 | (21122201) |
| 504871.98 | 3634375.90 | 58.66759 | (19021906) | 504921.98 | 3634375.90 | 54.99713 | (19021906) |
| 504971.98 | 3634375.90 | 51.31309 | (19021906) | 505021.98 | 3634375.90 | 48.96963 | (20022423) |
| 505071.98 | 3634375.90 | 46.40199 | (20022423) | 505121.98 | 3634375.90 | 45.32392 | (20013123) |
| 505171.98 | 3634375.90 | 43.70157 | (20013123) | 505221.98 | 3634375.90 | 42.05448 | (20013123) |
| 502221.98 | 3634425.90 | 13.11710 | (20022619) | 502271.98 | 3634425.90 | 13.69367 | (20022619) |
| 502321.98 | 3634425.90 | 14.56896 | (19083104) | 502371.98 | 3634425.90 | 15.63119 | (19083104) |
| 502421.98 | 3634425.90 | 16.80628 | (19083104) | 502471.98 | 3634425.90 | 18.08570 | (19083104) |
| 502521.98 | 3634425.90 | 19.51808 | (19083104) | 502571.98 | 3634425.90 | 21.09317 | (19083104) |
| 502621.98 | 3634425.90 | 22.84473 | (19083104) | 502671.98 | 3634425.90 | 24.78341 | (19083104) |
| 504771.98 | 3634425.90 | 69.10183 | (20013123) | 504821.98 | 3634425.90 | 63.90328 | (20013123) |
| 504871.98 | 3634425.90 | 58.98933 | (20013123) | 504921.98 | 3634425.90 | 55.95568 | (20013123) |
| 504971.98 | 3634425.90 | 50.94019 | (20013123) | 505021.98 | 3634425.90 | 47.63720 | (21121920) |

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505171.98 3634475.90 46.11647 (19122101) 505221.98 3634475.90 43.48551 (19122101)
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502421.98 3634575.90 26.74090 (21021102) 502471.98 3634575.90 28.24892 (21021102)

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634625.90 82.20971 (20041201)
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3634625.90 51.59426 (20041201)
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3634725.90 65.96539 (20081806)
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3634725.90 54.90940 (20081806)
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3634725.90 44.49703 (20041201)
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3634725.90 39.08570 (20041201)
502221.98 3634775.90 15.75749 (19050903) 502271.98

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN  ***
INCLUDING SOURCE(S):  L0000001  , L0000002 , L0000003  , L0000004  , L0000005  ,
L0000006  , L0000007  , L0000008  , L0000009  , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 29.11192 | (19050903) | 502671.98 | 3634775.90 | 31.16801 | (19050903) |
| 504771.98 | 3634775.90 | 79.48936 | (21012820) | 504821.98 | 3634775.90 | 90.24324 | (21012820) |
| 504871.98 | 3634775.90 | 83.67821 | (21012820) | 504921.98 | 3634775.90 | 67.60122 | (21032601) |
| 504971.98 | 3634775.90 | 64.72890 | (20081806) | 505021.98 | 3634775.90 | 58.51509 | (20081806) |
| 505071.98 | 3634775.90 | 55.11383 | (20081806) | 505121.98 | 3634775.90 | 51.11542 | (20081806) |
| 505171.98 | 3634775.90 | 43.09877 | (20081806) | 505221.98 | 3634775.90 | 38.34458 | (20081806) |
| 502221.98 | 3634825.90 | 18.28663 | (19050903) | 502271.98 | 3634825.90 | 19.51889 | (19050903) |
| 502321.98 | 3634825.90 | 20.78715 | (19050903) | 502371.98 | 3634825.90 | 22.09709 | (19050903) |
| 502421.98 | 3634825.90 | 23.41229 | (19050903) | 502471.98 | 3634825.90 | 24.71764 | (19050903) |

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3634825.90       29.55638  (19050903)
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        504971.98   3634825.90       48.83675  (19022319)                505021.98
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        505071.98   3634825.90       43.29423  (20081806)                505121.98
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        502221.98   3634875.90       19.40450  (19050903)                502271.98
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        502421.98   3634875.90       22.86630  (19050903)                502471.98
3634875.90       23.54533  (19050903)
        502521.98   3634875.90       24.09113  (19050903)                502571.98
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        502621.98   3634875.90       24.62912  (19050903)                502671.98
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        504771.98   3634875.90       61.50042  (20082303)                504821.98
3634875.90       72.87618  (20082303)
        504871.98   3634875.90       67.63820  (20081401)                504921.98
3634875.90       53.38250  (19022319)
        504971.98   3634875.90       45.49335  (19022319)                505021.98
3634875.90       39.38165  (19022319)
        505071.98   3634875.90       36.53774  (19022319)                505121.98
3634875.90       35.45392  (19022319)
        505171.98   3634875.90       36.99751  (21020220)                505221.98
3634875.90       37.38762  (21020220)
        502221.98   3634925.90       18.87448  (19050903)                502271.98
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        502321.98   3634925.90       19.73975  (19050903)                502371.98
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        502421.98   3634925.90       20.14585  (19050903)                502471.98
3634925.90       20.11920  (19050903)
        502521.98   3634925.90       19.91313  (19050903)                502571.98
3634925.90       19.49984  (19050903)
        502621.98   3634925.90       18.86355  (19050903)                502671.98
3634925.90       19.67042  (19120120)
        504771.98   3634925.90       20.54499  (20082303)                504821.98
3634925.90       50.49130  (19042006)
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3634925.90       37.51308  (20082303)
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3634925.90       31.98974  (19022319)
        502221.98   3634975.90       16.87649  (19050903)               502271.98
3634975.90       16.88409  (19050903)
        502321.98   3634975.90       16.76517  (19050903)               502371.98
3634975.90       16.51079  (19050903)
        502421.98   3634975.90       16.11037  (19050903)               502471.98
3634975.90       15.55531  (19050903)
        502521.98   3634975.90       16.28139  (19120120)               502571.98
3634975.90       18.08533  (20021724)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 808
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634975.90       21.08581  (20021724)               502671.98
3634975.90       24.32300  (20021724)
        504821.98   3634975.90       51.88484  (19022007)               504871.98
3634975.90       60.95923  (19022007)
        504921.98   3634975.90       46.56839  (20121617)               504971.98
3634975.90       44.77479  (20082024)
        505021.98   3634975.90       38.70728  (19030607)               505071.98
3634975.90       34.79442  (19030607)
        505121.98   3634975.90       34.97775  (19030607)               505171.98
3634975.90       32.78490  (20082303)
        505221.98   3634975.90       31.69266  (20082303)               502221.98
3635025.90       13.92033  (19050903)
        502271.98   3635025.90       13.55350  (19050903)               502321.98
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3635025.90 19.41702 (20021724)
502571.98 3635025.90 22.07130 (20021724) 502621.98
3635025.90 24.78196 (20021724)
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3635025.90 60.21554 (20010802)
504921.98 3635025.90 47.84328 (20082106) 504971.98
3635025.90 46.78185 (20041202)
505021.98 3635025.90 40.01029 (20082024) 505071.98
3635025.90 37.51454 (20082024)
505121.98 3635025.90 37.51025 (20082024) 505171.98
3635025.90 37.13301 (19030607)
505221.98 3635025.90 35.09944 (19030607) 502221.98
3635075.90 11.79142 (19120120)
502271.98 3635075.90 12.74099 (19120120) 502321.98
3635075.90 13.82442 (20021724)
502371.98 3635075.90 15.80975 (20021724) 502421.98
3635075.90 17.92253 (20021724)
502471.98 3635075.90 20.12057 (20021724) 502521.98
3635075.90 22.33185 (20021724)
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3635075.90 55.18946 (20010802)
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3635075.90 40.68107 (20121617)
505171.98 3635075.90 39.74783 (20121617) 505221.98
3635075.90 36.52387 (20121617)
502221.98 3635125.90 13.08091 (20021724) 502271.98
3635125.90 14.80141 (20021724)
502321.98 3635125.90 16.59326 (20021724) 502371.98
3635125.90 18.43546 (20021724)
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3635125.90 22.92869 (21011719)
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3635125.90 34.89667 (19022007)
505221.98 3635125.90 37.47384 (20121617) 502221.98
3635175.90 15.39756 (20021724)
502271.98 3635175.90 16.97122 (20021724) 502321.98

3635175.90       18.48699  (20021724)
        502371.98   3635175.90       20.93672  (21011719)                502421.98
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        502471.98   3635175.90       29.43798  (21011719)                502521.98
3635175.90       32.96056  (21011719)
        502571.98   3635175.90       35.24379  (21011719)                502621.98
3635175.90       35.74040  (21011719)
        502671.98   3635175.90       34.12038  (21011719)                505121.98
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        505171.98   3635175.90       43.77840  (20010802)                505221.98
3635175.90       38.85712  (20010802)
        502221.98   3635225.90       16.95301  (20021724)                502271.98
3635225.90       19.21462  (21011719)
        502321.98   3635225.90       22.92465  (21011719)                502371.98
3635225.90       26.49846  (21011719)
        502421.98   3635225.90       29.53338  (21011719)                502471.98
3635225.90       31.57644  (21011719)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502521.98   3635225.90       32.20964  (21011719)                502571.98
3635225.90       31.15720  (21011719)
        502621.98   3635225.90       28.39824  (21011719)                502671.98
3635225.90       29.86374  (20022207)
        502221.98   3635275.90       40.94613  (19012720)                502271.98
3635275.90       24.01400  (21011719)
        502321.98   3635275.90       26.64989  (21011719)                502371.98
3635275.90       28.48935  (21011719)

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        502421.98   3635275.90       29.19713  (21011719)               502471.98
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3635275.90       25.36414  (20022207)
        502621.98   3635275.90       29.19961  (20022207)               502671.98
3635275.90       32.40221  (20022207)
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3635325.90       44.78653  (21052423)
        502521.98   3635325.90       46.44110  (21052423)               502571.98
3635325.90       42.21530  (21040223)
        502621.98   3635325.90       39.34937  (20022207)               502671.98
3635325.90       37.43283  (20022207)
        502221.98   3635375.90       46.92190  (21011719)               502271.98
3635375.90       46.38623  (21011719)
        502321.98   3635375.90       41.97533  (21011719)               502371.98
3635375.90       40.91264  (21052423)
        502421.98   3635375.90       45.89938  (21052423)               502471.98
3635375.90       47.49304  (21052423)
        502521.98   3635375.90       41.03294  (21052423)               502571.98
3635375.90       43.21155  (19012005)
        502621.98   3635375.90       46.01456  (19012005)               502671.98
3635375.90       44.24255  (19012005)
        502221.98   3635425.90       40.11829  (19111006)               502271.98
3635425.90       34.67926  (21011719)
        502321.98   3635425.90       39.22847  (21052423)               502371.98
3635425.90       41.68089  (21052423)
        502421.98   3635425.90       41.97532  (21052423)               502471.98
3635425.90       44.15703  (21031323)
        502521.98   3635425.90       46.47224  (19012005)               502571.98
3635425.90       46.56560  (19012005)
        502621.98   3635425.90       45.09772  (19083024)               502671.98
3635425.90       44.70136  (21012023)
        504771.98   3635425.90       27.00874  (21012617)               502221.98
3635475.90       39.08348  (21052423)
        502271.98   3635475.90       39.53768  (21052423)               502321.98
3635475.90       39.87256  (21052423)
        502371.98   3635475.90       38.14562  (20042123)               502421.98
3635475.90       42.45380  (21031323)
        502471.98   3635475.90       49.89009  (19012005)               502521.98
3635475.90       45.83037  (19012005)
        502571.98   3635475.90       44.81246  (20071201)               502621.98
3635475.90       43.53326  (20071201)
        502671.98   3635475.90       45.56235  (21072005)               504771.98
3635475.90       50.11106  (21122618)
        504821.98   3635475.90       40.67870  (20091421)               504871.98
3635475.90       37.35974  (19102623)
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        504921.98   3635475.90       43.65140  (19102623)                502221.98
3635525.90       43.18400  (21052423)
        502271.98   3635525.90       37.87376  (21052423)                502321.98
3635525.90       38.43775  (21031323)
        502371.98   3635525.90       40.70301  (19012005)                502421.98
3635525.90       44.71834  (19012005)
        502471.98   3635525.90       46.38563  (19083024)                502521.98
3635525.90       45.41671  (20071201)
        502571.98   3635525.90       44.03031  (20071201)                502621.98
3635525.90       44.95789  (21072005)
        502671.98   3635525.90       45.39376  (21110406)                502721.98
3635525.90       49.57828  (21110406)
        502771.98   3635525.90       51.67436  (20070801)                502821.98
3635525.90       50.17599  (20070802)
        502871.98   3635525.90       58.44878  (20070802)                502921.98
3635525.90       59.08174  (19100620)
        502971.98   3635525.90       63.43363  (19091321)                503021.98
3635525.90       67.38444  (19091321)
        503071.98   3635525.90       68.81619  (20042421)                503121.98
3635525.90       54.64337  (20042421)
        503171.98   3635525.90       46.95014  (20110924)                503221.98
3635525.90       67.15084  (20110924)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 810
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503271.98   3635525.90       70.25576  (20091222)                503321.98
3635525.90       73.89790  (20091222)
        503371.98   3635525.90       74.71562  (20033120)                503421.98
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3635525.90 78.87629 (19071201)
503471.98 3635525.90 87.95311 (20101023) 503521.98
3635525.90 82.72333 (21061224)
503571.98 3635525.90 86.24168 (19031924) 503621.98
3635525.90 73.28968 (21081004)
503671.98 3635525.90 72.98549 (19101219) 503721.98
3635525.90 76.71013 (19101219)
503771.98 3635525.90 83.28945 (20071102) 503821.98
3635525.90 66.74401 (20071102)
503871.98 3635525.90 74.38366 (19013104) 503921.98
3635525.90 94.27758 (19122420)
503971.98 3635525.90 82.95047 (21062624) 504021.98
3635525.90 77.99395 (20092001)
504071.98 3635525.90 65.30936 (21060422) 504121.98
3635525.90 36.72860 (21013118)
504171.98 3635525.90 50.34723 (20121721) 504221.98
3635525.90 27.33611 (21013118)
504271.98 3635525.90 19.26137 (21013118) 504321.98
3635525.90 12.13270 (21013118)
504371.98 3635525.90 13.96157 (20040223) 504421.98
3635525.90 16.76203 (20040223)
504471.98 3635525.90 20.99242 (20011620) 504521.98
3635525.90 24.52707 (20011620)
504571.98 3635525.90 40.28786 (21090701) 504621.98
3635525.90 51.46721 (21090701)
504671.98 3635525.90 48.83778 (21081602) 504721.98
3635525.90 58.29489 (21122618)
504771.98 3635525.90 56.57359 (21122618) 504821.98
3635525.90 48.38386 (21122618)
504871.98 3635525.90 41.89536 (20091421) 504921.98
3635525.90 32.59596 (19102623)
504971.98 3635525.90 40.60361 (19102623) 505021.98
3635525.90 47.81778 (19102623)
505071.98 3635525.90 47.17792 (19102623) 505121.98
3635525.90 41.83190 (19102623)
505171.98 3635525.90 34.00808 (19102623) 505221.98
3635525.90 27.62227 (19010822)
502221.98 3635575.90 37.97838 (20042123) 502271.98
3635575.90 39.17487 (21031323)
502321.98 3635575.90 40.69800 (19012005) 502371.98
3635575.90 42.88118 (19012005)
502421.98 3635575.90 43.99869 (19083024) 502471.98
3635575.90 44.55118 (20071201)
502521.98 3635575.90 40.96915 (20071201) 502571.98
3635575.90 41.86779 (21072005)
502621.98 3635575.90 42.90522 (21110406) 502671.98
3635575.90 46.67899 (20070801)
502721.98 3635575.90 48.82581 (20070801) 502771.98
3635575.90 46.64805 (20070802)
502821.98 3635575.90 55.07405 (20070802) 502871.98

3635575.90       55.89404  (20070802)
        502921.98   3635575.90       58.07089  (19091321)                502971.98
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        503021.98   3635575.90       67.63950  (20042421)                503071.98
3635575.90       67.78116  (20042421)
        503121.98   3635575.90       45.57587  (19121706)                503171.98
3635575.90       46.80646  (20110924)
        503221.98   3635575.90       70.95711  (19073101)                503271.98
3635575.90       75.21130  (20091222)
        503321.98   3635575.90       70.55802  (19111601)                503371.98
3635575.90       76.61723  (20033120)
        503421.98   3635575.90       79.00915  (20101023)                503471.98
3635575.90       76.54016  (20101023)
        503521.98   3635575.90       77.37368  (19031924)                503571.98
3635575.90       81.95217  (20090823)
        503621.98   3635575.90       79.68609  (21081004)                503671.98
3635575.90       77.17819  (19101219)
        503721.98   3635575.90       75.31967  (19101219)                503771.98
3635575.90       78.88400  (20071102)
        503821.98   3635575.90       61.47699  (20071102)                503871.98
3635575.90       71.83148  (19013104)
        503921.98   3635575.90       88.46016  (19122420)                503971.98
3635575.90       79.69433  (21062101)
        504021.98   3635575.90       64.13587  (20092001)                504071.98
3635575.90       50.14434  (21060422)
        504121.98   3635575.90       51.71172  (21013118)                504171.98
3635575.90       55.15778  (19012903)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)

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        503571.98   3635625.90       72.21526  (20090823)               503621.98
3635625.90       78.60892  (21081004)
        503671.98   3635625.90       77.99950  (19101219)               503721.98
3635625.90       73.42822  (19101219)
        503771.98   3635625.90       77.94527  (20071102)               503821.98
3635625.90       61.05113  (20071102)
        503871.98   3635625.90       64.71116  (21061222)               503921.98
3635625.90       81.40040  (19122420)
        503971.98   3635625.90       75.89939  (19122420)               504021.98
3635625.90       62.44412  (20092001)
        504071.98   3635625.90       55.68666  (21060422)               504121.98
3635625.90       55.45079  (21060422)
        504171.98   3635625.90       50.81847  (21013118)               504221.98
3635625.90       59.70844  (20121721)
        504271.98   3635625.90       58.27694  (20121721)               504321.98
3635625.90       16.14424  (21013118)
        504371.98   3635625.90       10.37255  (21013118)               504421.98
3635625.90       11.44288  (20040223)
        504471.98   3635625.90       13.88218  (20040223)               504521.98
3635625.90       16.65321  (20011620)
        504571.98   3635625.90       20.02975  (20011620)               504621.98
3635625.90       22.35965  (20011620)
        504671.98   3635625.90       36.14161  (21090701)               504721.98
3635625.90       45.65496  (21090701)
        504771.98   3635625.90       46.06515  (21122618)               504821.98
3635625.90       52.35671  (21122618)
        504871.98   3635625.90       49.81267  (21122618)               504921.98
3635625.90       39.96482  (21122618)
        504971.98   3635625.90       37.11333  (20091421)               505021.98
3635625.90       28.23862  (20091421)
        505071.98   3635625.90       31.18305  (19102623)               505121.98
3635625.90       40.93616  (19102623)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 812
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 40.98749 | (19102623) | 505221.98 | 3635625.90 | 38.09731 | (19102623) |
| 502221.98 | 3635675.90 | 37.16347 | (20122320) | 502271.98 | 3635675.90 | 38.38514 | (19083024) |
| 502321.98 | 3635675.90 | 39.14223 | (20071201) | 502371.98 | 3635675.90 | 39.16835 | (20071201) |
| 502421.98 | 3635675.90 | 38.31632 | (21072005) | 502471.98 | 3635675.90 | 37.65514 | (21072005) |
| 502521.98 | 3635675.90 | 38.81186 | (21110406) | 502571.98 | 3635675.90 | 41.92641 | (20070801) |
| 502621.98 | 3635675.90 | 43.17189 | (20070801) | 502671.98 | 3635675.90 | 40.39680 | (20110905) |
| 502721.98 | 3635675.90 | 47.88775 | (20070802) | 502771.98 | 3635675.90 | 48.50583 | (20070802) |
| 502821.98 | 3635675.90 | 50.13984 | (21121424) | 502871.98 | 3635675.90 | 51.77340 | (19091321) |
| 502921.98 | 3635675.90 | 48.26404 | (19071423) | 502971.98 | 3635675.90 | 55.00183 | (20042421) |
| 503021.98 | 3635675.90 | 57.40364 | (19121706) | 503071.98 | 3635675.90 | 50.39091 | (19121706) |
| 503121.98 | 3635675.90 | 48.58528 | (20110924) | 503171.98 | 3635675.90 | 49.05785 | (21021621) |
| 503221.98 | 3635675.90 | 51.79130 | (20091222) | 503271.98 | 3635675.90 | 51.02279 | (19111601) |
| 503321.98 | 3635675.90 | 51.92876 | (19050823) | 503371.98 | 3635675.90 | 56.29313 | (19071201) |
| 503421.98 | 3635675.90 | 63.17822 | (20101023) | 503471.98 | 3635675.90 | 67.40291 | (20120224) |
| 503521.98 | 3635675.90 | 61.37631 | (19072124) | 503571.98 | 3635675.90 | 62.50976 | (20090823) |
| 503621.98 | 3635675.90 | 72.32678 | (21081004) | 503671.98 | 3635675.90 | 73.92537 | (19101219) |
| 503721.98 | 3635675.90 | 67.40775 | (19101219) | 503771.98 | 3635675.90 | 72.80355 | (20071102) |
| 503821.98 | 3635675.90 | 58.45619 | (20071102) | 503871.98 | 3635675.90 | 65.19546 | (21061222) |
| 503921.98 | 3635675.90 | 78.29291 | (19122420) | 503971.98 | 3635675.90 | 75.99293 | (19122420) |
| 504021.98 | 3635675.90 | 61.27279 | (20092001) | 504071.98 | 3635675.90 | 57.90660 | (20092001) |
| 504121.98 | 3635675.90 | 54.93137 | (21060422) | 504171.98 | 3635675.90 | 48.41433 | (21013118) |
| 504221.98 | 3635675.90 | 51.40929 | (20121721) | 504271.98 | | | |

3635675.90       58.08000  (20121721)
        504321.98   3635675.90       46.30386  (20092821)                504371.98
3635675.90       12.08206  (21013118)
        504421.98   3635675.90        9.21592  (20040223)                504471.98
3635675.90       44.21697  (21121422)
        504521.98   3635675.90       49.84515  (21121422)                504571.98
3635675.90       16.55392  (20011620)
        504621.98   3635675.90       36.39992  (21061321)                504671.98
3635675.90       37.10992  (21090701)
        504721.98   3635675.90       41.63627  (21090701)                504771.98
3635675.90       50.16605  (21090701)
        504821.98   3635675.90       44.75757  (21122618)                504871.98
3635675.90       48.44198  (21122618)
        504921.98   3635675.90       44.16873  (21122618)                504971.98
3635675.90       40.72064  (21122618)
        505021.98   3635675.90       34.27278  (20091421)                505071.98
3635675.90       27.35045  (20091421)
        505121.98   3635675.90       32.39515  (19102623)                505171.98
3635675.90       37.53548  (19102623)
        505221.98   3635675.90       38.26609  (19102623)                502221.98
3635725.90       37.80446  (20122320)
        502271.98   3635725.90       36.78487  (21012023)                502321.98
3635725.90       37.42026  (21012023)
        502371.98   3635725.90       36.44146  (21072005)                502421.98
3635725.90       34.58855  (21072005)
        502471.98   3635725.90       36.66575  (20122721)                502521.98
3635725.90       38.69398  (20070801)
        502571.98   3635725.90       40.64731  (20070801)                502621.98
3635725.90       37.89447  (20110905)
        502671.98   3635725.90       44.86602  (20070802)                502721.98
3635725.90       46.91263  (20070802)
        502771.98   3635725.90       47.20417  (21121424)                502821.98
3635725.90       47.15608  (19091321)
        502871.98   3635725.90       47.65907  (19071423)                502921.98
3635725.90       48.84231  (19112801)
        502971.98   3635725.90       54.84572  (19121706)                503021.98
3635725.90       51.48768  (19121706)


 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 44.56442 | (21100523) | 503121.98 | 3635725.90 | 45.77421 | (21100523) |
| 503171.98 | 3635725.90 | 50.01140 | (21021621) | 503221.98 | 3635725.90 | 46.70461 | (21112718) |
| 503271.98 | 3635725.90 | 49.11384 | (19050823) | 503321.98 | 3635725.90 | 51.19684 | (19050823) |
| 503371.98 | 3635725.90 | 53.12370 | (21100603) | 503421.98 | 3635725.90 | 57.15353 | (20120224) |
| 503471.98 | 3635725.90 | 64.22563 | (20120224) | 503521.98 | 3635725.90 | 57.68082 | (19072124) |
| 503571.98 | 3635725.90 | 58.16447 | (21021806) | 503621.98 | 3635725.90 | 64.50405 | (21081004) |
| 503671.98 | 3635725.90 | 69.46091 | (19101219) | 503721.98 | 3635725.90 | 61.39405 | (19101219) |
| 503771.98 | 3635725.90 | 67.62719 | (20071102) | 503821.98 | 3635725.90 | 55.44230 | (20071102) |
| 503871.98 | 3635725.90 | 62.44452 | (21061222) | 503921.98 | 3635725.90 | 72.56769 | (19122420) |
| 503971.98 | 3635725.90 | 75.07538 | (19122420) | 504021.98 | 3635725.90 | 59.19675 | (20092001) |
| 504071.98 | 3635725.90 | 60.87353 | (20092001) | 504121.98 | 3635725.90 | 55.78208 | (21060422) |
| 504171.98 | 3635725.90 | 48.89958 | (21060422) | 504221.98 | 3635725.90 | 52.89799 | (19012903) |
| 504271.98 | 3635725.90 | 59.32240 | (20121721) | 504321.98 | 3635725.90 | 52.12564 | (20121721) |
| 504371.98 | 3635725.90 | 46.71281 | (20092821) | 504421.98 | 3635725.90 | 8.95793 | (21013118) |
| 504471.98 | 3635725.90 | 47.58019 | (19022602) | 504521.98 | 3635725.90 | 50.77911 | (21121422) |
| 504571.98 | 3635725.90 | 44.39622 | (21121422) | 504621.98 | 3635725.90 | 35.32749 | (21121422) |
| 504671.98 | 3635725.90 | 36.12545 | (21061321) | 504721.98 | 3635725.90 | 37.04736 | (21090701) |
| 504771.98 | 3635725.90 | 40.28907 | (21090701) | 504821.98 | 3635725.90 | 41.46417 | (21090701) |
| 504871.98 | 3635725.90 | 40.24352 | (21122618) | 504921.98 | 3635725.90 | 43.39745 | (21122618) |

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        504971.98   3635725.90       45.06713  (21122618)                505021.98
3635725.90       39.49196  (21122618)
        505071.98   3635725.90       32.39887  (20091421)                505121.98
3635725.90       30.84798  (20091421)
        505171.98   3635725.90       29.43091  (19102623)                505221.98
3635725.90       33.91693  (19102623)
        502221.98   3635775.90       37.70572  (21012023)                502271.98
3635775.90       36.64662  (21012023)
        502321.98   3635775.90       34.32623  (21012023)                502371.98
3635775.90       33.03525  (20121101)
        502421.98   3635775.90       35.57800  (20122721)                502471.98
3635775.90       36.59785  (20122721)
        502521.98   3635775.90       37.05173  (20070801)                502571.98
3635775.90       34.99642  (19031105)
        502621.98   3635775.90       41.12350  (20070802)                502671.98
3635775.90       43.60289  (20070802)
        502721.98   3635775.90       43.45713  (21121424)                502771.98
3635775.90       45.99299  (19091321)
        502821.98   3635775.90       46.73695  (19091321)                502871.98
3635775.90       46.54444  (20042421)
        502921.98   3635775.90       50.99558  (19121706)                502971.98
3635775.90       51.45436  (19121706)
        503021.98   3635775.90       42.42085  (20112321)                503071.98
3635775.90       44.83874  (21100523)
        503121.98   3635775.90       46.20201  (21021621)                503171.98
3635775.90       47.35488  (21021621)
        503221.98   3635775.90       47.21733  (21112718)                503271.98
3635775.90       51.37785  (19050823)
        503321.98   3635775.90       50.50136  (21100603)                503371.98
3635775.90       52.84998  (21100603)
        503421.98   3635775.90       58.23050  (20120224)                503471.98
3635775.90       60.22452  (20120224)
        503521.98   3635775.90       55.09455  (19072124)                503571.98
3635775.90       55.43388  (21021806)
        503621.98   3635775.90       52.44675  (21081004)                503671.98
3635775.90       61.64962  (19101219)
        503721.98   3635775.90       58.10437  (19021305)                503771.98
3635775.90       63.16793  (20071102)
        503821.98   3635775.90       51.98805  (20071102)                503871.98
3635775.90       57.62571  (21061222)
        503921.98   3635775.90       65.04034  (19122420)                503971.98
3635775.90       72.19990  (19122420)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 814
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 60.51678 | (21062624) | 504071.98 | 3635775.90 | 67.47334 | (20092001) |
| 504121.98 | 3635775.90 | 59.95930 | (21060422) | 504171.98 | 3635775.90 | 56.25848 | (21060422) |
| 504221.98 | 3635775.90 | 51.92746 | (19012903) | 504271.98 | 3635775.90 | 57.44650 | (20121721) |
| 504321.98 | 3635775.90 | 56.75185 | (20121721) | 504371.98 | 3635775.90 | 49.57018 | (20092821) |
| 504421.98 | 3635775.90 | 42.42341 | (19022602) | 504471.98 | 3635775.90 | 49.21837 | (19022602) |
| 504521.98 | 3635775.90 | 47.00580 | (21121422) | 504571.98 | 3635775.90 | 46.67765 | (21121422) |
| 504621.98 | 3635775.90 | 41.69462 | (21121422) | 504671.98 | 3635775.90 | 34.27264 | (21061321) |
| 504721.98 | 3635775.90 | 31.32360 | (21061321) | 504771.98 | 3635775.90 | 37.36160 | (21090701) |
| 504821.98 | 3635775.90 | 39.78586 | (21090701) | 504871.98 | 3635775.90 | 37.50000 | (21090701) |
| 504921.98 | 3635775.90 | 38.54914 | (21122618) | 504971.98 | 3635775.90 | 44.96941 | (21122618) |
| 505021.98 | 3635775.90 | 44.05670 | (21122618) | 505071.98 | 3635775.90 | 35.97510 | (21122618) |
| 505121.98 | 3635775.90 | 33.29578 | (20091421) | 505171.98 | 3635775.90 | 29.38195 | (20091421) |
| 505221.98 | 3635775.90 | 26.63548 | (19102623) | 502221.98 | 3635825.90 | 36.75477 | (21012023) |
| 502271.98 | 3635825.90 | 32.77195 | (21012023) | 502321.98 | 3635825.90 | 31.82313 | (20122721) |
| 502371.98 | 3635825.90 | 33.74872 | (20122721) | 502421.98 | 3635825.90 | 35.22531 | (20122721) |
| 502471.98 | 3635825.90 | 34.80381 | (20070801) | 502521.98 | 3635825.90 | 34.04539 | (19031105) |
| 502571.98 | 3635825.90 | 37.89678 | (20070802) | 502621.98 | | | |

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3635825.90       40.97026  (20070802)
        502671.98   3635825.90       41.52644  (21121424)                502721.98
3635825.90       42.75303  (21121424)
        502771.98   3635825.90       45.44359  (19091321)                502821.98
3635825.90       43.85816  (19071423)
        502871.98   3635825.90       46.47591  (20042421)                502921.98
3635825.90       50.10371  (19121706)
        502971.98   3635825.90       44.17681  (19121706)                503021.98
3635825.90       42.78324  (21100523)
        503071.98   3635825.90       42.28125  (21100523)                503121.98
3635825.90       45.95328  (21021621)
        503171.98   3635825.90       44.96806  (21112718)                503221.98
3635825.90       45.41289  (19050823)
        503271.98   3635825.90       48.89505  (19050823)                503321.98
3635825.90       50.32024  (21100603)
        503371.98   3635825.90       48.98352  (21100603)                503421.98
3635825.90       57.63206  (20120224)
        503471.98   3635825.90       54.99875  (20120224)                503521.98
3635825.90       49.12823  (19072124)
        503571.98   3635825.90       52.17866  (19051001)                503621.98
3635825.90       47.41029  (19080922)
        503671.98   3635825.90       51.87208  (19101219)                503721.98
3635825.90       54.92055  (21041324)
        503771.98   3635825.90       58.79538  (20071102)                503821.98
3635825.90       48.09932  (20071102)
        503871.98   3635825.90       52.36858  (21061222)                503921.98
3635825.90       59.40723  (19122420)
        503971.98   3635825.90       67.22067  (19122420)                504021.98
3635825.90       60.84902  (21062624)
        504071.98   3635825.90       64.05458  (20092001)                504121.98
3635825.90       59.61477  (21060422)
        504171.98   3635825.90       61.76591  (21060422)                504221.98
3635825.90       53.00886  (21070824)
        504271.98   3635825.90       57.65657  (19012903)                504321.98
3635825.90       61.45547  (20121721)
        504371.98   3635825.90       52.28789  (20121721)                504421.98
3635825.90       47.14623  (20092821)
        504471.98   3635825.90       48.23613  (19022602)                504521.98
3635825.90       50.15985  (19022602)
        504571.98   3635825.90       46.81929  (21121422)                504621.98
3635825.90       45.56333  (21121422)
        504671.98   3635825.90       36.17350  (21121422)                504721.98
3635825.90       30.58539  (21061321)
        504771.98   3635825.90       30.35965  (21090701)                504821.98
3635825.90       37.15606  (21090701)
        504871.98   3635825.90       39.43058  (21090701)                504921.98
3635825.90       35.98899  (21090701)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 38.91026 | (21122618) | 505021.98 | 3635825.90 | 42.20771 | (21122618) |
| 505071.98 | 3635825.90 | 41.18701 | (21122618) | 505121.98 | 3635825.90 | 35.27039 | (21122618) |
| 505171.98 | 3635825.90 | 32.51949 | (20091421) | 505221.98 | 3635825.90 | 28.83201 | (20091421) |
| 502221.98 | 3635875.90 | 31.62728 | (21012023) | 502271.98 | 3635875.90 | 31.65190 | (20122721) |
| 502321.98 | 3635875.90 | 33.46627 | (20122721) | 502371.98 | 3635875.90 | 33.23473 | (20122721) |
| 502421.98 | 3635875.90 | 32.43372 | (20070801) | 502471.98 | 3635875.90 | 32.55119 | (19031105) |
| 502521.98 | 3635875.90 | 34.09635 | (20070802) | 502571.98 | 3635875.90 | 37.52050 | (20070802) |
| 502621.98 | 3635875.90 | 40.11057 | (21121424) | 502671.98 | 3635875.90 | 41.82055 | (21121424) |
| 502721.98 | 3635875.90 | 40.98093 | (19091321) | 502771.98 | 3635875.90 | 41.95285 | (19071423) |
| 502821.98 | 3635875.90 | 44.06624 | (20042421) | 502871.98 | 3635875.90 | 46.84690 | (19121706) |
| 502921.98 | 3635875.90 | 45.00194 | (19121706) | 502971.98 | 3635875.90 | 38.44749 | (21100523) |
| 503021.98 | 3635875.90 | 41.52541 | (21100523) | 503071.98 | 3635875.90 | 42.32407 | (21021621) |
| 503121.98 | 3635875.90 | 43.29706 | (21021621) | 503171.98 | 3635875.90 | 43.28514 | (21112718) |
| 503221.98 | 3635875.90 | 46.76436 | (19050823) | 503271.98 | 3635875.90 | 45.75683 | (19050823) |

503321.98 3635875.90 49.19659 (21100603) 503371.98
3635875.90 45.74351 (20120224)
503421.98 3635875.90 55.82925 (20120224) 503471.98
3635875.90 52.13947 (19072124)
503521.98 3635875.90 44.03342 (20052321) 503571.98
3635875.90 50.07352 (19051001)
503621.98 3635875.90 45.20184 (19080922) 503671.98
3635875.90 49.47308 (19101219)
503721.98 3635875.90 52.63711 (21041324) 503771.98
3635875.90 53.68735 (20071102)
503821.98 3635875.90 43.99405 (20071102) 503871.98
3635875.90 44.67131 (19072224)
503921.98 3635875.90 52.97749 (19122420) 503971.98
3635875.90 63.14121 (19122420)
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3635875.90 57.49620 (20092001)
504121.98 3635875.90 57.48887 (20092001) 504171.98
3635875.90 59.96760 (21060422)
504221.98 3635875.90 50.99700 (21060422) 504271.98
3635875.90 52.43337 (19012903)
504321.98 3635875.90 57.82886 (20121721) 504371.98
3635875.90 59.42946 (20121721)
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3635875.90 41.66791 (21121422)
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3635875.90 29.62433 (21061321)
504821.98 3635875.90 31.62893 (21090701) 504871.98
3635875.90 36.34294 (21090701)
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3635875.90 36.87638 (21081602)
505021.98 3635875.90 37.49746 (21122618) 505071.98
3635875.90 39.39071 (21122618)
505121.98 3635875.90 38.79795 (21122618) 505171.98
3635875.90 34.07747 (21122618)
505221.98 3635875.90 31.69402 (20091421) 502221.98
3635925.90 32.98836 (20122721)
502271.98 3635925.90 33.62855 (20122721) 502321.98
3635925.90 33.09196 (20122721)
502371.98 3635925.90 31.08908 (20070801) 502421.98
3635925.90 31.34152 (19031105)
502471.98 3635925.90 32.17664 (20070802) 502521.98
3635925.90 33.44373 (20070802)
502571.98 3635925.90 38.12764 (21121424) 502621.98
3635925.90 40.62151 (21121424)
502671.98 3635925.90 38.21708 (21121424) 502721.98
3635925.90 37.77279 (19071423)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 44.50472 | (19121706) | 502921.98 | 3635925.90 | 37.05061 | (19121706) |
| 502971.98 | 3635925.90 | 39.04301 | (21100523) | 503021.98 | 3635925.90 | 38.31491 | (20070104) |
| 503071.98 | 3635925.90 | 41.84650 | (21021621) | 503121.98 | 3635925.90 | 41.29434 | (21112718) |
| 503171.98 | 3635925.90 | 40.99268 | (19050823) | 503221.98 | 3635925.90 | 45.63020 | (19050823) |
| 503271.98 | 3635925.90 | 44.73499 | (21100603) | 503321.98 | 3635925.90 | 46.67554 | (21100603) |
| 503371.98 | 3635925.90 | 47.86283 | (20120224) | 503421.98 | 3635925.90 | 52.85802 | (20120224) |
| 503471.98 | 3635925.90 | 48.25768 | (19072124) | 503521.98 | 3635925.90 | 42.31524 | (19051001) |
| 503571.98 | 3635925.90 | 47.69131 | (19051001) | 503621.98 | 3635925.90 | 42.33692 | (19080922) |
| 503671.98 | 3635925.90 | 47.61982 | (21041324) | 503721.98 | 3635925.90 | 51.00255 | (21041324) |
| 503771.98 | 3635925.90 | 48.59691 | (19072223) | 503821.98 | 3635925.90 | 40.85118 | (19072223) |
| 503871.98 | 3635925.90 | 42.27247 | (21061222) | 503921.98 | 3635925.90 | 48.49380 | (19122420) |
| 503971.98 | 3635925.90 | 58.85785 | (19122420) | 504021.98 | | | |

3635925.90 55.12206 (19122420)
504071.98 3635925.90 52.37990 (20092001) 504121.98
3635925.90 54.21978 (20092001)
504171.98 3635925.90 52.89242 (21060422) 504221.98
3635925.90 47.50772 (21060422)
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3635925.90 51.37625 (19012903)
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3635925.90 53.19007 (20092821)
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3635925.90 49.92061 (19022602)
504571.98 3635925.90 49.24632 (19022602) 504621.98
3635925.90 43.54421 (21121422)
504671.98 3635925.90 44.74358 (21121422) 504721.98
3635925.90 37.33602 (21121422)
504771.98 3635925.90 30.54224 (21061321) 504821.98
3635925.90 28.33885 (21061321)
504871.98 3635925.90 30.98627 (21090701) 504921.98
3635925.90 34.88439 (21090701)
504971.98 3635925.90 38.30860 (21090701) 505021.98
3635925.90 36.97948 (21081602)
505071.98 3635925.90 38.23449 (21122618) 505121.98
3635925.90 39.18794 (21122618)
505171.98 3635925.90 37.40203 (21122618) 505221.98
3635925.90 34.55188 (21122618)
502221.98 3635975.90 35.31730 (20122721) 502271.98
3635975.90 33.60798 (20122721)
502321.98 3635975.90 31.06552 (19031105) 502371.98
3635975.90 30.15953 (19031105)
502421.98 3635975.90 29.54653 (20040823) 502471.98
3635975.90 32.14395 (20070802)
502521.98 3635975.90 36.20692 (21121424) 502571.98
3635975.90 38.56861 (21121424)
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3635975.90 34.00212 (19071423)
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3635975.90 40.59392 (19121706)
502821.98 3635975.90 43.55280 (19121706) 502871.98
3635975.90 39.19456 (19121706)
502921.98 3635975.90 36.31629 (21100523) 502971.98
3635975.90 37.35064 (21100523)
503021.98 3635975.90 39.13405 (21021621) 503071.98
3635975.90 39.72995 (21021621)
503121.98 3635975.90 39.84735 (21112718) 503171.98
3635975.90 42.11353 (19050823)
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3635975.90 44.65200 (21100603)
503321.98 3635975.90 43.29302 (21100603) 503371.98
3635975.90 49.27565 (20120224)
503421.98 3635975.90 47.07246 (20120224) 503471.98

3635975.90       44.09742  (19072124)
        503521.98   3635975.90       43.11713  (19051001)                503571.98
3635975.90       45.00351  (19051001)
        503621.98   3635975.90       40.13389  (19080922)                503671.98
3635975.90       46.55738  (21041324)
        503721.98   3635975.90       49.32182  (21041324)                503771.98
3635975.90       47.47005  (19072223)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503821.98   3635975.90       39.68727  (19072223)                503871.98
3635975.90       39.14792  (19072224)
        503921.98   3635975.90       45.70026  (19072224)                503971.98
3635975.90       55.33503  (19122420)
        504021.98   3635975.90       52.01910  (19122420)                504071.98
3635975.90       44.16448  (20092001)
        504121.98   3635975.90       47.26249  (20092001)                504171.98
3635975.90       43.36720  (21060422)
        504221.98   3635975.90       43.01782  (21060422)                504271.98
3635975.90       48.83267  (21013118)
        504321.98   3635975.90       45.06750  (21013118)                504371.98
3635975.90       46.21193  (20121721)
        504421.98   3635975.90       46.67491  (20121721)                504471.98
3635975.90       47.90816  (20092821)
        504521.98   3635975.90       41.51424  (19022602)                504571.98
3635975.90       48.65149  (19022602)
        504621.98   3635975.90       46.12533  (19022602)                504671.98
3635975.90       48.69582  (21121422)

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        504721.98   3635975.90       45.99562  (21121422)               504771.98
3635975.90       35.83911  (21121422)
        504821.98   3635975.90       31.88807  (21061321)               504871.98
3635975.90       28.71909  (21061321)
        504921.98   3635975.90       31.07374  (21090701)               504971.98
3635975.90       37.07096  (21090701)
        505021.98   3635975.90       37.39356  (21090701)               505071.98
3635975.90       36.02162  (21081602)
        505121.98   3635975.90       36.66401  (21122618)               505171.98
3635975.90       38.52149  (21122618)
        505221.98   3635975.90       35.95272  (21122618)               501721.98
3632475.90        2.93446  (21030103)
        501821.98   3632475.90        4.28634  (21030103)               501921.98
3632475.90        5.85731  (21030103)
        502021.98   3632475.90        7.39260  (21030103)               502121.98
3632475.90        8.52071  (21030103)
        502221.98   3632475.90        8.87442  (21030103)               502321.98
3632475.90       11.32831  (20121603)
        502421.98   3632475.90       13.16577  (20121603)               502521.98
3632475.90       13.10432  (20121603)
        502621.98   3632475.90       11.00300  (20121603)               502721.98
3632475.90       20.19809  (20092124)
        502821.98   3632475.90       17.59681  (20092124)               502921.98
3632475.90       20.21685  (20082723)
        503021.98   3632475.90       23.04264  (20111701)               503121.98
3632475.90       29.44716  (19081924)
        503221.98   3632475.90       34.88849  (19081924)               503321.98
3632475.90       29.40204  (19110606)
        503421.98   3632475.90       32.34023  (19101521)               503721.98
3632475.90       31.98063  (21020203)
        503821.98   3632475.90       33.03938  (20082921)               503921.98
3632475.90       26.07017  (20082921)
        504021.98   3632475.90       22.41257  (20080820)               504121.98
3632475.90       24.73072  (20022622)
        504221.98   3632475.90       24.30826  (21011302)               504321.98
3632475.90       22.93156  (19102905)
        504421.98   3632475.90       23.43897  (19121107)               504521.98
3632475.90       23.73799  (21011620)
        504621.98   3632475.90       22.73972  (21013021)               504721.98
3632475.90       22.21337  (21120723)
        504821.98   3632475.90       21.55372  (20101423)               504921.98
3632475.90       21.40713  (21022020)
        505021.98   3632475.90       21.11683  (21120804)               505121.98
3632475.90       20.57754  (20011902)
        505221.98   3632475.90       20.11355  (19022705)               505321.98
3632475.90       19.27237  (20121007)
        505421.98   3632475.90       18.70841  (21011520)               505521.98
3632475.90       18.28186  (21010522)
        505621.98   3632475.90       17.68840  (20122923)               505721.98
3632475.90       16.11256  (21010401)
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3632575.90        3.23303  (21030103)
        501921.98   3632575.90        4.75776  (21030103)               502021.98
3632575.90        6.51206  (21030103)
        502121.98   3632575.90        8.17475  (21030103)               502221.98
3632575.90        9.29599  (21030103)
        502321.98   3632575.90        9.98059  (20121603)               502421.98
3632575.90       12.93297  (20121603)
        502521.98   3632575.90       14.34664  (20121603)               502621.98
3632575.90       13.40432  (20121603)
        502721.98   3632575.90       11.53386  (21063005)               502821.98
3632575.90       17.54175  (20092124)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 818
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502921.98   3632575.90       19.98159  (20102407)               503021.98
3632575.90       25.08449  (20082723)
        503121.98   3632575.90       26.35776  (19050103)               503221.98
3632575.90       37.93618  (19081924)
        503321.98   3632575.90       29.64070  (19110606)               503421.98
3632575.90       34.29940  (19101521)
        503721.98   3632575.90       32.46196  (21020203)               503821.98
3632575.90       33.34956  (20082921)
        503921.98   3632575.90       21.32899  (20081802)               504021.98
3632575.90       25.15869  (20082519)
        504121.98   3632575.90       25.58828  (20022622)               504221.98
3632575.90       25.46460  (21011302)
        504321.98   3632575.90       24.94241  (21022205)               504421.98
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3632575.90       22.51868  (20042404)
        504721.98   3632575.90       23.23767  (21120723)                504821.98
3632575.90       22.65099  (20112022)
        504921.98   3632575.90       22.80940  (21011323)                505021.98
3632575.90       21.96067  (21010102)
        505121.98   3632575.90       20.92452  (19022705)                505221.98
3632575.90       20.92401  (21021820)
        505321.98   3632575.90       20.65057  (21011520)                505421.98
3632575.90       19.70746  (21010522)
        505521.98   3632575.90       18.77337  (20122923)                505621.98
3632575.90       17.34961  (19081501)
        505721.98   3632575.90       18.33989  (21022502)                501721.98
3632675.90        3.43135  (19010119)
        501821.98   3632675.90        3.03738  (19010119)                501921.98
3632675.90        3.57682  (21030103)
        502021.98   3632675.90        5.30521  (21030103)                502121.98
3632675.90        7.27071  (21030103)
        502221.98   3632675.90        9.06590  (21030103)                502321.98
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        502421.98   3632675.90       11.74647  (20121603)                502521.98
3632675.90       14.64783  (20121603)
        502621.98   3632675.90       15.36628  (20121603)                502721.98
3632675.90       13.31387  (20121603)
        502821.98   3632675.90       29.48243  (20092124)                502921.98
3632675.90       27.03976  (20061222)
        503021.98   3632675.90       30.15935  (20082723)                503721.98
3632675.90       34.09907  (21020203)
        503821.98   3632675.90       35.98321  (20082921)                503921.98
3632675.90       26.21016  (20032501)
        504021.98   3632675.90       26.60510  (19032124)                504121.98
3632675.90       27.77900  (21013120)
        504221.98   3632675.90       24.74367  (21011302)                504321.98
3632675.90       27.29866  (21022205)
        504421.98   3632675.90       26.01290  (20022403)                504521.98
3632675.90       26.09080  (21013021)
        504621.98   3632675.90       25.26371  (20042404)                504721.98
3632675.90       24.78018  (20101423)
        504821.98   3632675.90       24.09153  (21022020)                504921.98
3632675.90       23.54701  (21010102)
        505021.98   3632675.90       22.57427  (21022803)                505121.98
3632675.90       22.73054  (21021820)
        505221.98   3632675.90       22.23623  (21011520)                505321.98
3632675.90       20.98173  (21010522)
        505421.98   3632675.90       20.09102  (19122301)                505521.98
3632675.90       18.70738  (19081501)
        505621.98   3632675.90       19.68054  (21022502)                505721.98
3632675.90       18.30105  (19120104)
        502421.98   3632775.90       18.95825  (21030103)                502521.98
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3632775.90       24.40409  (21031822)
        502621.98   3632775.90       23.91902  (20121603)                502721.98
3632775.90       16.08624  (20121603)
        502821.98   3632775.90       35.02259  (20092124)                502921.98
3632775.90       34.96967  (20090205)
        503021.98   3632775.90       32.87966  (20102407)                503121.98
3632775.90       37.07606  (20111701)
        503221.98   3632775.90       31.67871  (19081924)                503621.98
3632775.90       39.83765  (20050102)
        503721.98   3632775.90       36.99188  (21020203)                503821.98
3632775.90       36.15607  (20082921)
        503921.98   3632775.90       29.04555  (20032501)                504021.98
3632775.90       28.97530  (19032124)
        504121.98   3632775.90       30.41072  (21013120)                504221.98
3632775.90       26.88791  (19102905)
        504321.98   3632775.90       29.25167  (19121107)                504421.98
3632775.90       29.33279  (21011620)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

505321.98 3632775.90 21.97554 (19122301) 505421.98
3632775.90 20.25281 (19081501)
505521.98 3632775.90 21.17990 (21022502) 505621.98
3632775.90 19.49551 (19120104)
505721.98 3632775.90 19.75093 (20021702) 501721.98
3632875.90 4.61449 (19010119)
501821.98 3632875.90 4.49416 (19010119) 501921.98
3632875.90 4.19338 (19010119)
502021.98 3632875.90 3.73260 (19010119) 502121.98
3632875.90 4.44135 (21030103)
502221.98 3632875.90 6.70026 (21030103) 502321.98
3632875.90 9.19136 (21030103)
502421.98 3632875.90 11.24169 (21030103) 502521.98
3632875.90 12.04050 (21030103)
502621.98 3632875.90 16.09071 (20121603) 502721.98
3632875.90 18.07456 (20121603)
502821.98 3632875.90 30.88918 (20092124) 502921.98
3632875.90 40.38162 (20090205)
503021.98 3632875.90 24.34847 (20090205) 503121.98
3632875.90 34.00546 (20111701)
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3632875.90 27.53791 (21010102)
504921.98 3632875.90 26.24030 (19022705) 505021.98
3632875.90 25.50985 (20121007)
505121.98 3632875.90 24.46848 (19121906) 505221.98
3632875.90 23.93050 (19122301)
505321.98 3632875.90 21.87470 (19081501) 505421.98
3632875.90 22.87142 (21022502)
505521.98 3632875.90 20.97263 (19120104) 505621.98
3632875.90 21.23231 (20021702)
505721.98 3632875.90 19.90589 (20020804) 501721.98
3632975.90 5.19755 (21111004)
501821.98 3632975.90 5.04210 (19010119) 501921.98
3632975.90 4.96290 (19010119)
502021.98 3632975.90 4.66615 (19010119) 502121.98
3632975.90 4.17012 (19010119)

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        505321.98   3632975.90       24.77886  (21022502)                505421.98
3632975.90       22.56511  (19120104)
        505521.98   3632975.90       22.84599  (20021702)                505621.98
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        505721.98   3632975.90       20.89552  (21012402)                501721.98
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3633075.90        5.51766  (19010119)
        502021.98   3633075.90        5.49822  (19010119)                502121.98
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        505521.98   3633075.90       22.92693  (20011323)                505621.98
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3633175.90        6.95024  (21111004)
        502021.98   3633175.90        6.15257  (21111004)                502121.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 820
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3633175.90       22.66141  (20022406)
        505721.98   3633175.90       21.81920  (20121318)                501721.98
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3633275.90        8.39928  (21111004)
        502021.98   3633275.90        8.05176  (21111004)                502121.98
3633275.90        7.26599  (21111004)
        505321.98   3633275.90       28.09661  (21012402)                505421.98
3633275.90       26.57204  (20022406)
        505521.98   3633275.90       24.60269  (19010903)                505621.98
3633275.90       23.83080  (21011418)
        505721.98   3633275.90       22.31147  (21021801)                501721.98
3633375.90        7.43210  (21111004)
        501821.98   3633375.90        8.37957  (21111004)                501921.98
3633375.90        9.09530  (21111004)
        502021.98   3633375.90        9.44462  (21111004)                502121.98
3633375.90        9.30612  (21111004)
        505321.98   3633375.90       29.42995  (20022406)                505421.98
3633375.90       27.10328  (21121121)
        505521.98   3633375.90       25.57976  (21120121)                505621.98
3633375.90       24.17478  (21011022)
        505721.98   3633375.90       22.90616  (20021024)                501721.98
3633475.90        6.21991  (21111004)
        501821.98   3633475.90        7.48896  (21111004)                501921.98
3633475.90        8.74287  (21111004)
        502021.98   3633475.90        9.82523  (21111004)                502121.98
3633475.90       10.54191  (21111004)
        505321.98   3633475.90       29.43487  (21120121)                505421.98
3633475.90       27.99446  (21021801)
        505521.98   3633475.90       26.32961  (20021024)                505621.98
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        505721.98   3633475.90       24.17838  (21010408)                501721.98
3633575.90        7.29749  (21012320)
        501821.98   3633575.90        6.24668  (21012320)                501921.98
3633575.90        7.34739  (21111004)
        502021.98   3633575.90        8.90958  (21111004)                502121.98
3633575.90       10.43308  (21111004)
        505321.98   3633575.90       30.74401  (21011022)                505421.98
3633575.90       30.42115  (21122302)
        505521.98   3633575.90       27.73430  (21011724)                505621.98
3633575.90       26.30128  (21010408)
        505721.98   3633575.90       24.81204  (21011221)                501721.98
3633675.90       10.74686  (21012320)
        501821.98   3633675.90       10.03767  (21012320)                501921.98
3633675.90        9.02635  (21012320)
        502021.98   3633675.90        7.74472  (21012320)                502121.98
3633675.90        8.83503  (21111004)
        505321.98   3633675.90       32.59649  (21011724)                505421.98
3633675.90       31.39980  (21010408)
        505521.98   3633675.90       28.77241  (21011221)                505621.98
3633675.90       27.66678  (20121406)
        505721.98   3633675.90       25.23044  (20021305)                501721.98
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)

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3634475.90       30.58324  (19122101)
        505721.98   3634475.90       28.41160  (21021007)                501721.98
3634575.90       14.40814  (21021102)
        501821.98   3634575.90       15.53237  (21021102)                501921.98
3634575.90       16.80787  (21021102)
        502021.98   3634575.90       18.27933  (21021102)                502121.98
3634575.90       19.96427  (21021102)
        505321.98   3634575.90       36.71426  (21032906)                505421.98
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3634675.90       14.89624  (21021102)
        501821.98   3634675.90       15.85555  (21021102)                501921.98
3634675.90       16.88101  (21021102)
        502021.98   3634675.90       18.01296  (21021102)                502121.98
3634675.90       19.15859  (21021102)
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3634675.90       46.77669  (20041201)
        505521.98   3634675.90       43.04355  (21013119)                505621.98
3634675.90       37.53778  (20041201)
        505721.98   3634675.90       29.31487  (20041201)                501721.98
3634775.90       11.54159  (21021102)
        501821.98   3634775.90       11.87878  (21021102)                501921.98
3634775.90       12.15861  (21021102)
        502021.98   3634775.90       12.87403  (19101801)                502121.98
3634775.90       13.92184  (19101801)
        505321.98   3634775.90       37.65769  (20081806)                505421.98
3634775.90       36.31323  (20041201)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 822
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLEN    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 36.09761 | (20041201) | 505621.98 | 3634775.90 | 37.04911 | (20041201) |
| 505721.98 | 3634775.90 | 35.95957 | (20041201) | 501721.98 | 3634875.90 | 10.96587 | (19050903) |
| 501821.98 | 3634875.90 | 12.41550 | (19050903) | 501921.98 | 3634875.90 | 13.99581 | (19050903) |
| 502021.98 | 3634875.90 | 15.70848 | (19050903) | 502121.98 | 3634875.90 | 17.53447 | (19050903) |
| 505321.98 | 3634875.90 | 41.70767 | (20081806) | 505421.98 | 3634875.90 | 41.45310 | (21032601) |
| 505521.98 | 3634875.90 | 37.90670 | (21032601) | 505621.98 | 3634875.90 | 34.46768 | (20081806) |
| 505721.98 | 3634875.90 | 33.43218 | (20081806) | 501721.98 | 3634975.90 | 13.09475 | (19050903) |
| 501821.98 | 3634975.90 | 14.13013 | (19050903) | 501921.98 | 3634975.90 | 15.09055 | (19050903) |
| 502021.98 | 3634975.90 | 15.93043 | (19050903) | 502121.98 | 3634975.90 | 16.56531 | (19050903) |
| 505321.98 | 3634975.90 | 39.71966 | (19022319) | 505421.98 | 3634975.90 | 45.64716 | (20081401) |
| 505521.98 | 3634975.90 | 40.47375 | (21012820) | 505621.98 | 3634975.90 | 38.95692 | (21012820) |
| 505721.98 | 3634975.90 | 35.94293 | (21012820) | 501721.98 | 3635075.90 | 30.64565 | (21012721) |
| 501821.98 | 3635075.90 | 18.17077 | (21121021) | 501921.98 | 3635075.90 | 42.26460 | (21121021) |
| 502021.98 | 3635075.90 | 39.55658 | (21121021) | 502121.98 | 3635075.90 | 11.56375 | (19050903) |
| 505321.98 | 3635075.90 | 35.31388 | (19030607) | 505421.98 | 3635075.90 | 40.16905 | (19042006) |
| 505521.98 | 3635075.90 | 40.91274 | (20081401) | 505621.98 | 3635075.90 | 38.34580 | (20081401) |
| 505721.98 | 3635075.90 | 38.98840 | (20081401) | 501721.98 | 3635175.90 | 33.17383 | (21121021) |
| 501821.98 | 3635175.90 | 33.78922 | (19110921) | 501921.98 | 3635175.90 | 42.14910 | (19110921) |
| 502021.98 | 3635175.90 | 42.65351 | (21112918) | 502121.98 | 3635175.90 | 38.17669 | (21112918) |
| 505321.98 | 3635175.90 | 35.64721 | (19022007) | 505421.98 | 3635175.90 | 32.21695 | (19022007) |
| 505521.98 | 3635175.90 | 28.95645 | (19042006) | 505621.98 | 3635175.90 | 31.74147 | (19042006) |
| 505721.98 | 3635175.90 | 32.30059 | (19042006) | 501721.98 | | | |

3635275.90       34.74855  (19100422)
        501821.98   3635275.90       39.81834  (21112918)                501921.98
3635275.90       40.92789  (21112918)
        502021.98   3635275.90       43.66574  (19122123)                502121.98
3635275.90       43.23872  (20021924)
        505621.98   3635275.90       23.96611  (19022007)                505721.98
3635275.90       21.64491  (19022007)
        501721.98   3635375.90       29.52487  (21040701)                501821.98
3635375.90       36.68205  (20021924)
        501921.98   3635375.90       40.54076  (20021924)                502021.98
3635375.90       43.37771  (19012720)
        502121.98   3635375.90       40.44300  (21011719)                505621.98
3635375.90       20.82743  (20010802)
        501721.98   3635475.90       28.25116  (19012720)                501821.98
3635475.90       31.37953  (19012720)
        501921.98   3635475.90       33.75617  (21020304)                502021.98
3635475.90       38.39726  (19111006)
        502121.98   3635475.90       41.16128  (19111006)                505621.98
3635475.90        4.73656  (20092620)
        505721.98   3635475.90        4.14775  (20092620)                501721.98
3635575.90       27.36444  (21011719)
        501821.98   3635575.90       31.09072  (21011719)                501921.98
3635575.90       32.50072  (19111006)
        502021.98   3635575.90       33.09795  (21111519)                502121.98
3635575.90       37.19260  (21052423)
        505321.98   3635575.90       28.69841  (19010822)                505421.98
3635575.90        9.33544  (21071520)
        505521.98   3635575.90        7.74616  (21071520)                505621.98
3635575.90        6.20672  (21071520)
        505721.98   3635575.90        4.83545  (21071520)                501721.98
3635675.90       26.41447  (21011719)
        501821.98   3635675.90       25.65975  (19120317)                501921.98
3635675.90       28.42006  (21052423)
        502021.98   3635675.90       33.33242  (19013101)                502121.98
3635675.90       36.36948  (19013101)
        505321.98   3635675.90       34.27612  (19102623)                505421.98
3635675.90       21.23224  (20022105)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLEN    ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 8.87281 | (21071520) | 505621.98 | 3635675.90 | 7.59838 | (21071520) |
| 505721.98 | 3635675.90 | 6.28483 | (21071520) | 501721.98 | 3635775.90 | 25.71828 | (19120317) |
| 501821.98 | 3635775.90 | 27.61324 | (19013101) | 501921.98 | 3635775.90 | 33.13754 | (19013101) |
| 502021.98 | 3635775.90 | 31.76693 | (19013101) | 502121.98 | 3635775.90 | 36.14476 | (20122320) |
| 505321.98 | 3635775.90 | 35.63678 | (19102623) | 505421.98 | 3635775.90 | 35.20423 | (19102623) |
| 505521.98 | 3635775.90 | 25.89459 | (19102623) | 505621.98 | 3635775.90 | 20.49836 | (19010822) |
| 505721.98 | 3635775.90 | 21.14295 | (19030707) | 501721.98 | 3635875.90 | 26.64468 | (19013101) |
| 501821.98 | 3635875.90 | 30.57703 | (19013101) | 501921.98 | 3635875.90 | 30.29789 | (20122320) |
| 502021.98 | 3635875.90 | 33.91000 | (20122320) | 502121.98 | 3635875.90 | 35.80284 | (21012023) |
| 505321.98 | 3635875.90 | 24.14845 | (21112623) | 505421.98 | 3635875.90 | 30.84397 | (19102623) |
| 505521.98 | 3635875.90 | 32.80134 | (19102623) | 505621.98 | 3635875.90 | 26.44314 | (19102623) |
| 505721.98 | 3635875.90 | 22.87709 | (19010822) | 501721.98 | 3635975.90 | 24.47815 | (19013101) |
| 501821.98 | 3635975.90 | 29.06961 | (20122320) | 501921.98 | 3635975.90 | 30.29909 | (20122320) |
| 502021.98 | 3635975.90 | 32.92702 | (21012023) | 502121.98 | 3635975.90 | 27.55272 | (20122721) |
| 505321.98 | 3635975.90 | 30.33358 | (20091421) | 505421.98 | 3635975.90 | 21.86652 | (20091421) |
| 505521.98 | 3635975.90 | 26.65521 | (19102623) | 505621.98 | 3635975.90 | 30.71072 | (19102623) |
| 505721.98 | 3635975.90 | 25.99091 | (19102623) | 501721.98 | 3636075.90 | 26.13531 | (20122320) |
| 501821.98 | 3636075.90 | 27.14285 | (21012023) | 501921.98 | 3636075.90 | 29.32942 | (21012023) |
| 502021.98 | 3636075.90 | 26.21947 | (20122721) | 502121.98 | 3636075.90 | 33.06151 | (20122721) |

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        502221.98   3636075.90       30.34871  (19031105)                502321.98
3636075.90       28.20142  (20040823)
        502421.98   3636075.90       32.31844  (21121424)                502521.98
3636075.90       36.05130  (21121424)
        502621.98   3636075.90       33.74260  (19112801)                502721.98
3636075.90       39.56734  (19121706)
        502821.98   3636075.90       33.98589  (19121706)                502921.98
3636075.90       34.11014  (21100523)
        503021.98   3636075.90       36.94633  (21021621)                503121.98
3636075.90       37.62674  (19050823)
        503221.98   3636075.90       40.00328  (21100603)                503321.98
3636075.90       41.24473  (20120224)
        503421.98   3636075.90       44.40840  (19072124)                503521.98
3636075.90       42.19835  (21021806)
        503621.98   3636075.90       37.88173  (19051020)                503721.98
3636075.90       45.83721  (21041324)
        503821.98   3636075.90       37.98370  (19072223)                503921.98
3636075.90       46.88224  (19072224)
        504021.98   3636075.90       43.79931  (19122420)                504121.98
3636075.90       36.93406  (20042420)
        504221.98   3636075.90       36.74177  (21120218)                504321.98
3636075.90       46.58163  (21013118)
        504421.98   3636075.90       35.04801  (19111019)                504521.98
3636075.90       33.54739  (20102221)
        504621.98   3636075.90       31.50297  (19060920)                504721.98
3636075.90       36.89613  (21121422)
        504821.98   3636075.90       36.72501  (21121422)                504921.98
3636075.90       33.02717  (21061321)
        505021.98   3636075.90       34.89292  (21090701)                505121.98
3636075.90       33.84387  (21090701)
        505221.98   3636075.90       33.68551  (21122618)                505321.98
3636075.90       33.94746  (21122618)
        505421.98   3636075.90       24.94203  (20091421)                505521.98
3636075.90       21.19899  (20091421)
        505621.98   3636075.90       23.55127  (19102623)                505721.98
3636075.90       27.62613  (19102623)
        501721.98   3636175.90       24.00478  (21012023)                501821.98
3636175.90       24.31933  (21012023)
        501921.98   3636175.90       24.81186  (20122721)                502021.98
3636175.90       30.35055  (20122721)
        502121.98   3636175.90       27.68773  (19031105)                502221.98
3636175.90       26.76327  (21101802)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 824
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 29.21206 | (21121424) | 502421.98 | 3636175.90 | 33.89163 | (21121424) |
| 502521.98 | 3636175.90 | 29.24854 | (19112801) | 502621.98 | 3636175.90 | 34.16961 | (19121706) |
| 502721.98 | 3636175.90 | 35.82149 | (19121706) | 502821.98 | 3636175.90 | 31.55457 | (21100523) |
| 502921.98 | 3636175.90 | 33.96685 | (21021621) | 503021.98 | 3636175.90 | 34.21099 | (21112718) |
| 503121.98 | 3636175.90 | 35.64618 | (19050823) | 503221.98 | 3636175.90 | 38.37584 | (21100603) |
| 503321.98 | 3636175.90 | 42.29036 | (20120224) | 503421.98 | 3636175.90 | 40.87023 | (19072124) |
| 503521.98 | 3636175.90 | 39.14281 | (19051001) | 503621.98 | 3636175.90 | 36.63952 | (19051020) |
| 503721.98 | 3636175.90 | 41.98588 | (21041324) | 503821.98 | 3636175.90 | 36.62370 | (21031321) |
| 503921.98 | 3636175.90 | 43.23132 | (19072224) | 504021.98 | 3636175.90 | 37.79974 | (19072224) |
| 504121.98 | 3636175.90 | 35.03056 | (19050321) | 504221.98 | 3636175.90 | 35.23693 | (19050322) |
| 504321.98 | 3636175.90 | 36.86938 | (21013118) | 504421.98 | 3636175.90 | 30.01014 | (19100119) |
| 504521.98 | 3636175.90 | 24.58782 | (20050923) | 504621.98 | 3636175.90 | 28.14296 | (19060406) |
| 504721.98 | 3636175.90 | 28.77920 | (19061724) | 504821.98 | 3636175.90 | 28.88902 | (21121422) |
| 504921.98 | 3636175.90 | 24.55870 | (19032022) | 505021.98 | 3636175.90 | 29.47688 | (21061321) |
| 505121.98 | 3636175.90 | 33.02981 | (21090701) | 505221.98 | 3636175.90 | 30.78511 | (21090701) |
| 505321.98 | 3636175.90 | 32.98529 | (21122618) | 505421.98 | 3636175.90 | 32.27744 | (21122618) |
| 505521.98 | 3636175.90 | 25.67084 | (20091421) | 505621.98 | | | |

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3636175.90       20.48270  (20091421)
        505721.98   3636175.90       20.38763  (19102623)                501721.98
3636275.90       20.23380  (21012023)
        501821.98   3636275.90       22.59942  (20122721)                501921.98
3636275.90       27.65389  (20122721)
        502021.98   3636275.90       25.47567  (19031105)                502121.98
3636275.90       25.03472  (21101802)
        502221.98   3636275.90       25.66923  (21121424)                502321.98
3636275.90       32.33463  (21121424)
        502421.98   3636275.90       26.60945  (21121424)                502521.98
3636275.90       30.91561  (19112801)
        502621.98   3636275.90       35.15655  (19121706)                502721.98
3636275.90       27.69671  (20112321)
        502821.98   3636275.90       29.50095  (20070104)                502921.98
3636275.90       31.94251  (21021621)
        503021.98   3636275.90       31.25136  (19050823)                503121.98
3636275.90       32.71490  (19050823)
        503221.98   3636275.90       33.38623  (21100603)                503321.98
3636275.90       37.39329  (20120224)
        503421.98   3636275.90       35.01010  (19072124)                503521.98
3636275.90       36.36819  (19051001)
        503621.98   3636275.90       34.94969  (19051020)                503721.98
3636275.90       38.59801  (19072223)
        503821.98   3636275.90       34.27316  (21031321)                503921.98
3636275.90       38.83040  (19072224)
        504021.98   3636275.90       36.94670  (19072224)                504121.98
3636275.90       31.78021  (19070422)
        504221.98   3636275.90       29.05418  (20050822)                504321.98
3636275.90       22.77027  (21013118)
        504421.98   3636275.90       26.75774  (21013118)                504521.98
3636275.90       21.67051  (19080523)
        504621.98   3636275.90       21.21227  (20102221)                504721.98
3636275.90       24.53557  (19110518)
        504821.98   3636275.90       22.74440  (19081721)                504921.98
3636275.90       27.03643  (19032022)
        505021.98   3636275.90       27.46619  (21061321)                505121.98
3636275.90       26.65185  (19010920)
        505221.98   3636275.90       31.55137  (21090701)                505321.98
3636275.90       29.73626  (21081602)
        505421.98   3636275.90       31.18577  (21122618)                505521.98
3636275.90       29.62738  (21122618)
        505621.98   3636275.90       24.54107  (20091421)                505721.98
3636275.90       19.72540  (20091421)
        501721.98   3636375.90       20.74427  (20122721)                501821.98
3636375.90       24.70595  (20122721)
        501921.98   3636375.90       23.26416  (19031105)                502021.98
3636375.90       23.32077  (21101802)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLEN ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 23.67336 | (19122519) | 502221.98 | 3636375.90 | 30.12972 | (21121424) |
| 502321.98 | 3636375.90 | 26.57100 | (21121424) | 502421.98 | 3636375.90 | 29.04047 | (19112801) |
| 502521.98 | 3636375.90 | 32.50495 | (19121706) | 502621.98 | 3636375.90 | 28.07896 | (19121706) |
| 502721.98 | 3636375.90 | 28.08638 | (21100523) | 502821.98 | 3636375.90 | 29.68272 | (21021621) |
| 502921.98 | 3636375.90 | 29.53728 | (21112718) | 503021.98 | 3636375.90 | 31.71939 | (19050823) |
| 503121.98 | 3636375.90 | 31.35687 | (21100603) | 503221.98 | 3636375.90 | 28.55993 | (19080122) |
| 503321.98 | 3636375.90 | 30.20937 | (20120224) | 503421.98 | 3636375.90 | 30.77918 | (20052321) |
| 503521.98 | 3636375.90 | 32.80494 | (19051001) | 503621.98 | 3636375.90 | 32.49820 | (19051020) |
| 503721.98 | 3636375.90 | 35.68530 | (19072223) | 503821.98 | 3636375.90 | 31.74937 | (21031321) |
| 503921.98 | 3636375.90 | 33.95643 | (19072224) | 504021.98 | 3636375.90 | 34.86867 | (19072224) |
| 504121.98 | 3636375.90 | 26.99883 | (19070422) | 504221.98 | 3636375.90 | 24.34793 | (19082724) |
| 504321.98 | 3636375.90 | 20.85587 | (20031823) | 504421.98 | 3636375.90 | 27.50563 | (21013118) |
| 504521.98 | 3636375.90 | 20.54945 | (19081120) | 504621.98 | 3636375.90 | 19.41738 | (19061821) |
| 504721.98 | 3636375.90 | 21.24982 | (19060406) | 504821.98 | 3636375.90 | 18.98551 | (19060920) |

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        504921.98   3636375.90       19.01848  (21050522)               505021.98
3636375.90       25.70817  (19032022)
        505121.98   3636375.90       26.42854  (21061321)               505221.98
3636375.90       25.47213  (19010920)
        505321.98   3636375.90       29.99238  (21090701)               505421.98
3636375.90       27.80718  (21081602)
        505521.98   3636375.90       29.05795  (21122618)               505621.98
3636375.90       27.68012  (21122618)
        505721.98   3636375.90       22.89670  (20091421)               501721.98
3636475.90       21.14041  (20122721)
        501821.98   3636475.90       19.78176  (19031105)               501921.98
3636475.90       21.56930  (21101802)
        502021.98   3636475.90       21.25158  (19122519)               502121.98
3636475.90       26.82145  (21121424)
        502221.98   3636475.90       25.85377  (21121424)               502321.98
3636475.90       26.42524  (19112801)
        502421.98   3636475.90       28.69724  (19121706)               502521.98
3636475.90       29.37843  (19121706)
        502621.98   3636475.90       25.10156  (21100523)               502721.98
3636475.90       26.09044  (20070104)
        502821.98   3636475.90       27.33298  (21021621)               502921.98
3636475.90       26.56090  (19070523)
        503021.98   3636475.90       28.68475  (19050823)               503121.98
3636475.90       28.77776  (21100603)
        503221.98   3636475.90       25.17263  (20120224)               503321.98
3636475.90       27.73049  (19072124)
        503421.98   3636475.90       27.45303  (20071122)               503521.98
3636475.90       28.81123  (19051001)
        503621.98   3636475.90       29.73281  (19051020)               503721.98
3636475.90       32.58794  (19072223)
        503821.98   3636475.90       28.57242  (21031321)               503921.98
3636475.90       29.16148  (19072224)
        504021.98   3636475.90       26.79386  (19072224)               504121.98
3636475.90       21.99883  (20020307)
        504221.98   3636475.90       22.75655  (19082724)               504321.98
3636475.90       20.34931  (21071621)
        504421.98   3636475.90       24.38721  (21013118)               504521.98
3636475.90       19.81653  (21013118)
        504621.98   3636475.90       18.87303  (21070321)               504721.98
3636475.90       18.27387  (21071021)
        504821.98   3636475.90       17.40336  (19060920)               504921.98
3636475.90       17.63255  (19061724)
        505021.98   3636475.90       22.81754  (21050522)               505121.98
3636475.90       21.56824  (21061321)
        505221.98   3636475.90       23.90692  (21061321)               505321.98
3636475.90       24.41543  (21090701)
        505421.98   3636475.90       27.84781  (21090701)               505521.98
3636475.90       25.91286  (21081602)
        505621.98   3636475.90       27.12987  (21122618)               505721.98
3636475.90       25.64203  (21122618)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 ,
L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 10.26801 | (19010119) | 502771.98 | 3633475.90 | 9.80940 | (19010119) |
| 502821.98 | 3633475.90 | 10.25925 | (21030103) | 502871.98 | 3633475.90 | 13.91627 | (21030103) |
| 502921.98 | 3633475.90 | 18.00041 | (21030103) | 502971.98 | 3633475.90 | 22.01981 | (21030103) |
| 503021.98 | 3633475.90 | 25.25540 | (21030103) | 503071.98 | 3633475.90 | 27.57635 | (20121603) |
| 503121.98 | 3633475.90 | 34.67514 | (20121603) | 503171.98 | 3633475.90 | 39.29082 | (20121603) |
| 503221.98 | 3633475.90 | 39.58907 | (20121603) | 503271.98 | 3633475.90 | 35.15630 | (20121603) |
| 503321.98 | 3633475.90 | 83.01102 | (20092124) | 503371.98 | 3633475.90 | 67.31212 | (20090205) |
| 503421.98 | 3633475.90 | 73.26225 | (20111701) | 503471.98 | 3633475.90 | 65.85728 | (20111701) |
| 503521.98 | 3633475.90 | 71.23694 | (19081924) | 503621.98 | 3633475.90 | 76.02062 | (19101521) |
| 503671.98 | 3633475.90 | 57.90944 | (19091221) | 503721.98 | 3633475.90 | 61.82638 | (21020203) |
| 503771.98 | 3633475.90 | 56.29365 | (21020203) | 503821.98 | 3633475.90 | 67.14024 | (20082921) |
| 503871.98 | 3633475.90 | 58.34768 | (20081802) | 503921.98 | 3633475.90 | 62.88139 | (20022622) |
| 503971.98 | 3633475.90 | 64.04498 | (21013120) | 504021.98 | | | |

3633475.90 59.97757 (19102905)
504071.98 3633475.90 61.63003 (19121107) 504121.98
3633475.90 61.69978 (21011620)
504171.98 3633475.90 61.01006 (21013021) 504221.98
3633475.90 58.78898 (21120723)
504271.98 3633475.90 55.71932 (20073020) 504321.98
3633475.90 56.68948 (21011323)
504371.98 3633475.90 55.16214 (21010102) 504421.98
3633475.90 53.67012 (19022705)
504471.98 3633475.90 53.47145 (21021820) 504521.98
3633475.90 52.56860 (21011520)
504571.98 3633475.90 50.41682 (21010522) 504621.98
3633475.90 48.53202 (20122923)
504671.98 3633475.90 45.24633 (20100121) 504721.98
3633475.90 46.44369 (21022502)
502721.98 3633525.90 11.34542 (19010119) 502771.98
3633525.90 11.17111 (19010119)
502821.98 3633525.90 10.71313 (19010119) 502871.98
3633525.90 11.21547 (21030103)
502921.98 3633525.90 15.34534 (21030103) 502971.98
3633525.90 19.94488 (21030103)
503021.98 3633525.90 24.38134 (21030103) 503071.98
3633525.90 27.76865 (21030103)
503121.98 3633525.90 31.96489 (20121603) 503171.98
3633525.90 39.32539 (20121603)
503221.98 3633525.90 43.08675 (20121603) 503271.98
3633525.90 41.38318 (20121603)
503321.98 3633525.90 35.32888 (21063005) 503371.98
3633525.90 81.51271 (20092124)
503421.98 3633525.90 76.07094 (20111701) 503471.98
3633525.90 81.20831 (20111701)
503521.98 3633525.90 82.61415 (19081924) 503621.98
3633525.90 87.13240 (19101521)
503671.98 3633525.90 74.82842 (21090401) 503721.98
3633525.90 81.14981 (20050102)
503771.98 3633525.90 68.73842 (20082921) 503821.98
3633525.90 77.33720 (20082921)
503871.98 3633525.90 68.52078 (20081802) 503921.98
3633525.90 70.97470 (20022622)
503971.98 3633525.90 68.06321 (21011302) 504021.98
3633525.90 66.12913 (19102905)
504071.98 3633525.90 66.82390 (20022403) 504121.98
3633525.90 66.87026 (21013021)
504171.98 3633525.90 65.80799 (20073022) 504221.98
3633525.90 63.95382 (20073020)
504271.98 3633525.90 58.78123 (21011323) 504321.98
3633525.90 58.39809 (21010102)
504371.98 3633525.90 57.43021 (20011902) 504421.98
3633525.90 58.04269 (21021820)
504471.98 3633525.90 56.96047 (21011520) 504521.98

3633525.90       54.30546  (21010522)
        504571.98   3633525.90       51.85980  (20122923)                504621.98
3633525.90       47.94522  (20100121)
        504671.98   3633525.90       49.67300  (21022502)                504721.98
3633525.90       44.98104  (19120104)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633575.90       13.26644  (21111004)                502771.98
3633575.90       12.30170  (19010119)
        502821.98   3633575.90       12.20562  (19010119)                502871.98
3633575.90       11.77413  (19010119)
        502921.98   3633575.90       12.30821  (21030103)                502971.98
3633575.90       17.00340  (21030103)
        503021.98   3633575.90       22.20861  (21030103)                503071.98
3633575.90       27.11347  (21030103)
        503121.98   3633575.90       30.59691  (21030103)                503171.98
3633575.90       37.09423  (20121603)
        503221.98   3633575.90       44.45234  (20121603)                503271.98
3633575.90       46.72793  (20121603)
        503321.98   3633575.90       42.39630  (20121603)                503371.98
3633575.90       86.58081  (20092124)
        503421.98   3633575.90       75.46906  (20082723)                503471.98
3633575.90       87.85728  (20082723)
        503521.98   3633575.90      104.90400  (19081924)                503621.98
3633575.90       92.58265  (19110606)
        503671.98   3633575.90       89.92963  (21090401)                503721.98
3633575.90       94.72731  (20050102)

503771.98 3633575.90 82.10107 (21020203) 503821.98 3633575.90 96.56116 (20082921)
503871.98 3633575.90 81.71350 (20032501) 503921.98 3633575.90 84.05527 (20022622)
503971.98 3633575.90 76.18184 (21011302) 504021.98 3633575.90 75.89456 (19102905)
504071.98 3633575.90 73.78284 (20081021) 504121.98 3633575.90 79.47888 (21013021)
504171.98 3633575.90 74.36033 (20073022) 504221.98 3633575.90 73.97872 (20073020)
504271.98 3633575.90 64.37056 (21011323) 504321.98 3633575.90 62.88159 (20011902)
504371.98 3633575.90 61.93925 (19022705) 504421.98 3633575.90 60.66116 (21011520)
504471.98 3633575.90 58.11362 (21010522) 504521.98 3633575.90 55.59817 (20122923)
504571.98 3633575.90 51.06895 (20100121) 504621.98 3633575.90 53.27271 (21022502)
504671.98 3633575.90 48.36389 (20021702) 504721.98 3633575.90 49.26428 (20021702)
502721.98 3633625.90 15.93395 (21111004) 502771.98 3633625.90 14.98075 (21111004)
502821.98 3633625.90 13.60807 (21111004) 502871.98 3633625.90 13.38196 (19010119)
502921.98 3633625.90 12.96270 (19010119) 502971.98 3633625.90 13.57168 (21030103)
503021.98 3633625.90 18.95507 (21030103) 503071.98 3633625.90 24.85977 (21030103)
503121.98 3633625.90 30.26905 (21030103) 503171.98 3633625.90 33.82544 (21030103)
503221.98 3633625.90 43.11303 (20121603) 503271.98 3633625.90 49.93244 (20121603)
503321.98 3633625.90 49.85252 (20121603) 503371.98 3633625.90 42.20951 (20121603)
503421.98 3633625.90 83.36476 (20092124) 503471.98 3633625.90 89.68317 (20082723)
503521.98 3633625.90 97.84254 (19081924) 503621.98 3633625.90 99.52460 (19110606)
503671.98 3633625.90 96.91331 (19101521) 503721.98 3633625.90 102.51712 (20050102)
503771.98 3633625.90 90.38534 (21020203) 503821.98 3633625.90 109.00285 (20082921)
503871.98 3633625.90 88.41017 (20032501) 503921.98 3633625.90 90.47734 (20022622)
503971.98 3633625.90 85.03418 (19102905) 504021.98 3633625.90 84.62476 (20081021)
504071.98 3633625.90 80.28331 (21011620) 504121.98 3633625.90 86.29089 (21013021)
504171.98 3633625.90 82.98052 (20073020) 504221.98 3633625.90 76.95159 (21011323)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504271.98 | 3633625.90 | 69.98512 | (21010102) | 504321.98 | 3633625.90 | 65.51265 | (19022705) |
| 504371.98 | 3633625.90 | 64.33788 | (20121007) | 504421.98 | 3633625.90 | 62.26889 | (19121906) |
| 504471.98 | 3633625.90 | 60.73026 | (19122301) | 504521.98 | 3633625.90 | 54.90273 | (20100121) |
| 504571.98 | 3633625.90 | 57.12556 | (21022502) | 504621.98 | 3633625.90 | 52.70158 | (20021702) |
| 504671.98 | 3633625.90 | 52.89073 | (20020804) | 504721.98 | 3633625.90 | 50.04867 | (21010922) |
| 502721.98 | 3633675.90 | 18.15192 | (21111004) | 502771.98 | 3633675.90 | 17.82318 | (21111004) |
| 502821.98 | 3633675.90 | 16.95313 | (21111004) | 502871.98 | 3633675.90 | 15.55974 | (21111004) |
| 502921.98 | 3633675.90 | 14.76100 | (19010119) | 502971.98 | 3633675.90 | 14.39638 | (19010119) |
| 503021.98 | 3633675.90 | 15.05370 | (21030103) | 503071.98 | 3633675.90 | 21.23659 | (21030103) |
| 503121.98 | 3633675.90 | 28.00662 | (21030103) | 503171.98 | 3633675.90 | 34.01324 | (21030103) |
| 503221.98 | 3633675.90 | 38.86713 | (20121603) | 503271.98 | 3633675.90 | 50.06676 | (20121603) |
| 503321.98 | 3633675.90 | 55.57507 | (20121603) | 503371.98 | 3633675.90 | 52.21325 | (20121603) |
| 503421.98 | 3633675.90 | 45.81895 | (21063005) | 503471.98 | | | |

3633675.90 49.95145 (20102407)
503521.98 3633675.90 78.67734 (20111701) 503571.98
3633675.90 130.06846 (19081924)
503671.98 3633675.90 107.73577 (19101521) 503721.98
3633675.90 109.97805 (20050102)
503771.98 3633675.90 112.65928 (20082503) 503821.98
3633675.90 119.83638 (20082921)
503871.98 3633675.90 95.34133 (19032124) 503921.98
3633675.90 102.74683 (21013120)
503971.98 3633675.90 99.50359 (19102905) 504021.98
3633675.90 96.79926 (20081021)
504071.98 3633675.90 98.84733 (21013021) 504121.98
3633675.90 93.99324 (20073022)
504171.98 3633675.90 91.29833 (20073020) 504221.98
3633675.90 87.06300 (21011323)
504271.98 3633675.90 82.35506 (20080120) 504321.98
3633675.90 70.60728 (21021820)
504371.98 3633675.90 67.26166 (21011520) 504421.98
3633675.90 65.75233 (19122301)
504471.98 3633675.90 59.09760 (20100121) 504521.98
3633675.90 61.59013 (21022502)
504571.98 3633675.90 57.54375 (20021702) 504621.98
3633675.90 57.21862 (20020804)
504671.98 3633675.90 55.11970 (20081803) 504721.98
3633675.90 52.90924 (20111118)
502721.98 3633725.90 19.51116 (21111004) 502771.98
3633725.90 20.02182 (21111004)
502821.98 3633725.90 19.95078 (21111004) 502871.98
3633725.90 19.26137 (21111004)
502921.98 3633725.90 17.93239 (21111004) 502971.98
3633725.90 16.37796 (19010119)
503021.98 3633725.90 16.03303 (19010119) 503071.98
3633725.90 16.78102 (21030103)
503121.98 3633725.90 23.98948 (21030103) 503171.98
3633725.90 31.80498 (21030103)
503221.98 3633725.90 38.45456 (21030103) 503271.98
3633725.90 46.43751 (20121603)
503321.98 3633725.90 57.96811 (20121603) 503371.98
3633725.90 61.07169 (20121603)
503421.98 3633725.90 53.07437 (20121603) 503471.98
3633725.90 52.52096 (20102407)
503521.98 3633725.90 55.28338 (20102407) 503571.98
3633725.90 110.46668 (19081924)
503721.98 3633725.90 138.55240 (21090401) 503771.98
3633725.90 131.15106 (20082503)
503821.98 3633725.90 127.58303 (20082921) 503871.98
3633725.90 109.81310 (19032124)
503921.98 3633725.90 115.38224 (21013120) 503971.98
3633725.90 110.06319 (19102905)
504021.98 3633725.90 103.77506 (20081021) 504071.98

3633725.90      109.52718  (21013021)
        504121.98   3633725.90      102.33195  (20073020)                504171.98
3633725.90      101.38756  (21011323)
        504221.98   3633725.90       96.71140  (20011902)                504271.98
3633725.90       93.65798  (21021820)
        504321.98   3633725.90       78.08347  (21011520)                504371.98
3633725.90       70.86445  (19122301)
        504421.98   3633725.90       64.73995  (20122923)                504471.98
3633725.90       66.86350  (21022502)
        504521.98   3633725.90       63.17353  (20021702)                504571.98
3633725.90       62.56212  (20081805)
        504621.98   3633725.90       66.10140  (20081803)                504671.98
3633725.90       62.40910  (20111118)
        504721.98   3633725.90       56.31632  (20111118)                502721.98
3633775.90       19.66541  (21111004)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503271.98 3633775.90 43.72959 (21030103) 503321.98
3633775.90 55.67596 (20121603)
503371.98 3633775.90 66.66258 (20121603) 503421.98
3633775.90 65.63339 (20121603)
503471.98 3633775.90 56.15489 (21063005) 503771.98
3633775.90 154.72223 (20082503)
503821.98 3633775.90 135.80827 (20082921) 503871.98
3633775.90 128.80141 (20022622)
503921.98 3633775.90 124.48367 (21011302) 503971.98
3633775.90 116.40025 (19102905)
504021.98 3633775.90 117.58848 (21013021) 504071.98
3633775.90 120.77261 (21120723)
504121.98 3633775.90 110.48299 (20112022) 504171.98
3633775.90 114.55150 (21010102)
504221.98 3633775.90 109.23002 (19022705) 504271.98
3633775.90 101.82535 (21011520)
504321.98 3633775.90 85.43594 (21010522) 504371.98
3633775.90 79.58820 (20080623)
504421.98 3633775.90 74.27471 (21022502) 504471.98
3633775.90 72.00611 (20081805)
504521.98 3633775.90 76.65300 (20081805) 504571.98
3633775.90 80.53631 (20081803)
504621.98 3633775.90 74.55140 (20111118) 504671.98
3633775.90 69.08870 (21011418)
504721.98 3633775.90 68.01463 (21011418) 502721.98
3633825.90 18.49431 (21111004)
502771.98 3633825.90 20.68351 (21111004) 502821.98
3633825.90 22.64890 (21111004)
502871.98 3633825.90 24.17332 (21111004) 502921.98
3633825.90 25.09002 (21111004)
502971.98 3633825.90 25.08931 (21111004) 503021.98
3633825.90 24.03141 (21111004)
503071.98 3633825.90 21.90353 (21111004) 503121.98
3633825.90 20.42228 (19010119)
503171.98 3633825.90 21.35404 (21030103) 503221.98
3633825.90 31.47456 (21030103)
503271.98 3633825.90 42.16559 (21030103) 503771.98
3633825.90 185.91492 (20082503)
503821.98 3633825.90 166.01918 (20080822) 503871.98
3633825.90 146.55690 (20022622)
503921.98 3633825.90 134.36611 (21011302) 503971.98
3633825.90 131.52313 (20022403)
504021.98 3633825.90 146.20939 (21013021) 504071.98
3633825.90 130.47756 (21120723)
504121.98 3633825.90 130.02872 (21011323) 504171.98
3633825.90 126.19979 (20011902)
504221.98 3633825.90 120.23590 (20121007) 504271.98
3633825.90 113.88766 (21010522)
504321.98 3633825.90 103.63509 (20122923) 504371.98
3633825.90 95.91745 (19022722)

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        504421.98   3633825.90       96.36450  (20081805)               504471.98
3633825.90       93.03033  (20081803)
        504521.98   3633825.90       90.40272  (20081803)               504571.98
3633825.90       84.63341  (20111118)
        504621.98   3633825.90       83.07995  (21011418)               504671.98
3633825.90       76.53087  (21011418)
        504721.98   3633825.90       63.11896  (21011418)               502721.98
3633875.90       17.41206  (21012320)
        502771.98   3633875.90       18.77822  (21111004)               502821.98
3633875.90       21.50698  (21111004)
        502871.98   3633875.90       24.11189  (21111004)               502921.98
3633875.90       26.44604  (21111004)
        502971.98   3633875.90       28.04198  (21111004)               503021.98
3633875.90       28.66544  (21111004)
        503071.98   3633875.90       28.05047  (21111004)               503121.98
3633875.90       25.99031  (21111004)
        503171.98   3633875.90       23.33854  (19010119)               503221.98
3633875.90       24.41291  (21030103)
        503271.98   3633875.90       36.65378  (21030103)               503821.98
3633875.90      183.45759  (20080822)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 830
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503871.98   3633875.90      162.45176  (20022622)               503921.98
3633875.90      153.76800  (19102905)
        503971.98   3633875.90      175.61136  (20032321)               504021.98
3633875.90      157.64684  (19033021)
        504071.98   3633875.90      139.76774  (21060903)               504121.98
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3633875.90 142.30766 (21010102)
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3633875.90 129.93102 (21010522)
504271.98 3633875.90 121.63226 (20122923) 504321.98
3633875.90 112.51308 (19022722)
504371.98 3633875.90 120.45177 (20081805) 504421.98
3633875.90 113.32025 (20081803)
504471.98 3633875.90 102.05163 (20081803) 504521.98
3633875.90 97.61823 (20082222)
504571.98 3633875.90 95.88476 (21011418) 504621.98
3633875.90 82.78279 (21011418)
504671.98 3633875.90 68.99383 (20081722) 504721.98
3633875.90 66.44751 (21011724)
502721.98 3633925.90 24.18849 (21012320) 502771.98
3633925.90 22.69822 (21012320)
502821.98 3633925.90 20.72752 (21012320) 502871.98
3633925.90 22.03722 (21111004)
502921.98 3633925.90 25.45110 (21111004) 502971.98
3633925.90 28.58679 (21111004)
503021.98 3633925.90 31.17776 (21111004) 503071.98
3633925.90 32.76369 (21111004)
503121.98 3633925.90 32.84657 (21111004) 503171.98
3633925.90 31.10661 (21111004)
503221.98 3633925.90 27.47067 (21111004) 503271.98
3633925.90 28.18696 (21030103)
503821.98 3633925.90 198.23637 (21082504) 503871.98
3633925.90 186.94215 (19050105)
503921.98 3633925.90 172.83778 (21022205) 503971.98
3633925.90 200.41073 (20032321)
504021.98 3633925.90 197.94693 (19033021) 504071.98
3633925.90 161.55560 (21060903)
504121.98 3633925.90 155.00322 (19022705) 504171.98
3633925.90 148.19645 (21011520)
504221.98 3633925.90 140.35308 (21082503) 504271.98
3633925.90 133.54849 (21060824)
504321.98 3633925.90 159.84642 (20081805) 504371.98
3633925.90 145.01331 (20081803)
504421.98 3633925.90 119.78445 (20081803) 504471.98
3633925.90 116.53922 (20081603)
504521.98 3633925.90 103.57304 (21011418) 504571.98
3633925.90 84.45053 (20021024)
504621.98 3633925.90 78.32972 (21122302) 504671.98
3633925.90 73.73181 (21021921)
504721.98 3633925.90 69.68175 (21011720) 502721.98
3633975.90 30.14982 (21012320)
502771.98 3633975.90 29.87325 (21012320) 502821.98
3633975.90 28.95404 (21012320)
502871.98 3633975.90 27.46304 (21012320) 502921.98
3633975.90 25.19995 (21012320)
502971.98 3633975.90 26.31182 (21111004) 503021.98

3633975.90       30.56073  (21111004)
        503071.98   3633975.90       34.43119  (21111004)                503121.98
3633975.90       37.34275  (21111004)
        503171.98   3633975.90       38.58738  (21111004)                503221.98
3633975.90       37.53656  (21111004)
        503271.98   3633975.90       33.85438  (21111004)                503821.98
3633975.90      201.25092  (21082504)
        503871.98   3633975.90      193.35348  (21013120)                503921.98
3633975.90      127.96665  (21022105)
        503971.98   3633975.90      181.89053  (20032321)                504021.98
3633975.90      187.22119  (21060903)
        504071.98   3633975.90      169.91846  (20011902)                504121.98
3633975.90      164.77727  (21011520)
        504171.98   3633975.90      171.95096  (21082503)                504221.98
3633975.90      170.28801  (21060824)
        504271.98   3633975.90      197.83939  (20081805)                504321.98
3633975.90      182.53188  (20081803)
        504371.98   3633975.90      149.16731  (20081603)                504421.98
3633975.90      136.35127  (20081603)
        504471.98   3633975.90      106.39065  (21011418)                504521.98
3633975.90       91.98277  (21122302)
        504571.98   3633975.90       85.30981  (21011724)                504621.98
3633975.90       80.36871  (21011720)
        504671.98   3633975.90       73.30099  (21011221)                504721.98
3633975.90       66.61137  (20121406)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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        502721.98   3634025.90       33.52440  (21012320)               502771.98
3634025.90       35.00950  (21012320)
        502821.98   3634025.90       35.86871  (21012320)               502871.98
3634025.90       36.08248  (21012320)
        502921.98   3634025.90       35.41563  (21012320)               502971.98
3634025.90       33.79510  (21012320)
        503021.98   3634025.90       31.14970  (21012320)               503071.98
3634025.90       32.08673  (21111004)
        503121.98   3634025.90       37.56189  (21111004)               503171.98
3634025.90       42.34423  (21111004)
        503221.98   3634025.90       45.42258  (21111004)               503271.98
3634025.90       45.70071  (21111004)
        503871.98   3634025.90      143.74187  (21022105)               503921.98
3634025.90      142.00115  (20022403)
        503971.98   3634025.90      201.92469  (19033021)               504021.98
3634025.90      181.39064  (21010102)
        504071.98   3634025.90      179.44315  (21011520)               504121.98
3634025.90      173.89310  (21082503)
        504171.98   3634025.90      207.71726  (21060824)               504221.98
3634025.90      248.74508  (20081805)
        504271.98   3634025.90      213.52713  (20081803)               504321.98
3634025.90      196.54806  (20081603)
        504371.98   3634025.90      148.05815  (20081603)               504421.98
3634025.90      113.31815  (20021024)
        504471.98   3634025.90      103.41373  (21011724)               504521.98
3634025.90       95.67545  (21011720)
        504571.98   3634025.90       86.28517  (21011221)               504621.98
3634025.90       76.54745  (20021305)
        504671.98   3634025.90       71.70123  (20021723)               504721.98
3634025.90       67.65588  (19011606)
        502721.98   3634075.90       32.78926  (21012320)               502771.98
3634075.90       35.65261  (21012320)
        502821.98   3634075.90       38.48251  (21012320)               502871.98
3634075.90       41.08546  (21012320)
        502921.98   3634075.90       43.03442  (21012320)               502971.98
3634075.90       44.11179  (21012320)
        503021.98   3634075.90       44.15256  (21012320)               503071.98
3634075.90       42.64006  (21012320)
        503121.98   3634075.90       39.44803  (21012320)               503171.98
3634075.90       40.23034  (21111004)
        503221.98   3634075.90       47.49335  (21111004)               503271.98
3634075.90       53.38014  (21111004)
        503871.98   3634075.90      180.87953  (21022105)               503921.98
3634075.90      160.80537  (20050805)
        503971.98   3634075.90      170.51508  (21120804)               504021.98
3634075.90      202.61392  (21021820)
        504071.98   3634075.90      193.08197  (19122301)               504121.98
3634075.90      240.95442  (20081805)
        504171.98   3634075.90      295.48301  (20081805)               504221.98
3634075.90      255.65443  (20081603)
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        504271.98   3634075.90      248.36644  (20081603)                504321.98
3634075.90      155.10395  (20081603)
        504371.98   3634075.90      135.43758  (21011724)                504421.98
3634075.90      120.61928  (21011720)
        504471.98   3634075.90      104.69583  (21011221)                504521.98
3634075.90       91.76010  (20021305)
        504571.98   3634075.90       83.18940  (20081804)                504621.98
3634075.90       76.51687  (20081804)
        504671.98   3634075.90       73.72929  (19121305)                504721.98
3634075.90       68.27762  (19121305)
        502721.98   3634125.90       28.03178  (21012320)                502771.98
3634125.90       31.62083  (21012320)
        502821.98   3634125.90       35.67547  (21012320)                502871.98
3634125.90       40.05623  (21012320)
        502921.98   3634125.90       44.34532  (21012320)                502971.98
3634125.90       48.51094  (21012320)
        503021.98   3634125.90       52.30401  (21012320)                503071.98
3634125.90       55.01710  (21012320)
        503121.98   3634125.90       56.23990  (21012320)                503171.98
3634125.90       55.34733  (21012320)
        503221.98   3634125.90       51.55410  (21012320)                503271.98
3634125.90       52.24337  (21111004)
        503921.98   3634125.90      202.14013  (21022020)                503971.98
3634125.90      198.59596  (21022803)
        504021.98   3634125.90      181.78655  (21021721)                504071.98
3634125.90      268.61980  (20081805)
        504121.98   3634125.90      254.03917  (20081803)                504171.98
3634125.90      302.30107  (20081603)
        504221.98   3634125.90      258.52759  (20081603)                504271.98
3634125.90      216.71304  (20080121)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 832
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 164.82482 | (20080721) | 504371.98 | 3634125.90 | 144.30282 | (20121406) |
| 504421.98 | 3634125.90 | 123.88477 | (20021723) | 504471.98 | 3634125.90 | 106.81832 | (20081804) |
| 504521.98 | 3634125.90 | 97.34476 | (20081804) | 504571.98 | 3634125.90 | 85.99820 | (19121305) |
| 504621.98 | 3634125.90 | 77.93601 | (19011923) | 504671.98 | 3634125.90 | 72.23790 | (19012803) |
| 504721.98 | 3634125.90 | 67.75019 | (21121821) | 502721.98 | 3634175.90 | 26.85379 | (19083104) |
| 502771.98 | 3634175.90 | 27.68770 | (19083104) | 502821.98 | 3634175.90 | 28.43546 | (19083104) |
| 502871.98 | 3634175.90 | 33.05333 | (21012320) | 502921.98 | 3634175.90 | 38.32944 | (21012320) |
| 502971.98 | 3634175.90 | 44.25944 | (21012320) | 503021.98 | 3634175.90 | 50.84429 | (21012320) |
| 503071.98 | 3634175.90 | 57.52505 | (21012320) | 503121.98 | 3634175.90 | 64.07410 | (21012320) |
| 503171.98 | 3634175.90 | 69.67135 | (21012320) | 503221.98 | 3634175.90 | 73.17366 | (21012320) |
| 503271.98 | 3634175.90 | 73.92375 | (21012320) | 503971.98 | 3634175.90 | 235.81161 | (21021721) |
| 504021.98 | 3634175.90 | 209.02105 | (21010724) | 504071.98 | 3634175.90 | 188.17108 | (21020424) |
| 504121.98 | 3634175.90 | 164.85420 | (20020722) | 504171.98 | 3634175.90 | 148.84715 | (19012124) |
| 504221.98 | 3634175.90 | 203.11698 | (20080721) | 504271.98 | 3634175.90 | 215.51245 | (21040622) |
| 504321.98 | 3634175.90 | 191.46522 | (21081123) | 504371.98 | 3634175.90 | 149.66481 | (19121305) |
| 504421.98 | 3634175.90 | 117.91781 | (19121305) | 504471.98 | 3634175.90 | 103.35417 | (20082223) |
| 504521.98 | 3634175.90 | 91.59219 | (19012803) | 504571.98 | 3634175.90 | 85.57310 | (21121821) |
| 504621.98 | 3634175.90 | 80.59522 | (20121224) | 504671.98 | 3634175.90 | 74.70019 | (20020703) |
| 504721.98 | 3634175.90 | 70.29219 | (20020703) | 502721.98 | 3634225.90 | 29.51709 | (19083104) |
| 502771.98 | 3634225.90 | 31.38000 | (19083104) | 502821.98 | 3634225.90 | 33.31686 | (19083104) |
| 502871.98 | 3634225.90 | 35.26515 | (19083104) | 502921.98 | 3634225.90 | 37.14081 | (19083104) |
| 502971.98 | 3634225.90 | 38.99950 | (19083104) | 503021.98 | 3634225.90 | 40.78185 | (19083104) |
| 503071.98 | 3634225.90 | 47.75058 | (21012320) | 503121.98 | | | |

3634225.90       56.98943  (21012320)
        503171.98   3634225.90       67.34995  (21012320)                503221.98
3634225.90       78.55411  (21012320)
        503271.98   3634225.90       89.95237  (21012320)                504071.98
3634225.90      212.45162  (20021502)
        504121.98   3634225.90      189.93389  (21121223)                504171.98
3634225.90      160.68480  (21022221)
        504221.98   3634225.90      146.52652  (21020122)                504271.98
3634225.90      218.05718  (21081123)
        504321.98   3634225.90      218.54572  (20081502)                504371.98
3634225.90      140.05600  (19012803)
        504421.98   3634225.90      109.98804  (21121821)                504471.98
3634225.90      100.66341  (20020703)
        504521.98   3634225.90       92.28025  (20020703)                504571.98
3634225.90       81.65117  (21022324)
        504621.98   3634225.90       80.28173  (21122121)                504671.98
3634225.90       77.99494  (21122121)
        504721.98   3634225.90       73.07333  (20121803)                502721.98
3634275.90       28.34759  (19083104)
        502771.98   3634275.90       30.71298  (19083104)                502821.98
3634275.90       33.38693  (19083104)
        502871.98   3634275.90       36.39937  (19083104)                502921.98
3634275.90       39.49535  (19083104)
        502971.98   3634275.90       42.92088  (19083104)                503021.98
3634275.90       46.83875  (19083104)
        503071.98   3634275.90       50.96118  (19083104)                503121.98
3634275.90       55.34177  (19083104)
        503171.98   3634275.90       59.93546  (19083104)                503221.98
3634275.90       64.51603  (19083104)
        503271.98   3634275.90       77.02161  (21012320)                504121.98
3634275.90      208.81072  (21020122)
        504171.98   3634275.90      175.01534  (21010422)                504221.98
3634275.90      265.38843  (20090623)
        504271.98   3634275.90      232.69849  (20090623)                504321.98
3634275.90      219.86244  (20080102)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 150.44636 | (21122121) | 504421.98 | 3634275.90 | 120.36166 | (21122121) |
| 504471.98 | 3634275.90 | 105.39124 | (20121803) | 504521.98 | 3634275.90 | 97.91426 | (20121803) |
| 504571.98 | 3634275.90 | 90.37101 | (21122201) | 504621.98 | 3634275.90 | 83.84281 | (21122201) |
| 504671.98 | 3634275.90 | 77.55924 | (19021906) | 504721.98 | 3634275.90 | 72.09710 | (19021906) |
| 502721.98 | 3634325.90 | 23.42891 | (19083104) | 502771.98 | 3634325.90 | 25.71822 | (19083104) |
| 502821.98 | 3634325.90 | 28.28213 | (19083104) | 502871.98 | 3634325.90 | 31.63998 | (19083104) |
| 502971.98 | 3634325.90 | 38.74690 | (19083104) | 503021.98 | 3634325.90 | 43.32199 | (19083104) |
| 503071.98 | 3634325.90 | 48.62848 | (19083104) | 503121.98 | 3634325.90 | 54.77925 | (19083104) |
| 503171.98 | 3634325.90 | 62.05772 | (19083104) | 503221.98 | 3634325.90 | 70.67648 | (19083104) |
| 503271.98 | 3634325.90 | 81.00625 | (19083104) | 504171.98 | 3634325.90 | 180.70886 | (21010620) |
| 504221.98 | 3634325.90 | 292.90504 | (20081301) | 504271.98 | 3634325.90 | 229.61195 | (20081301) |
| 504321.98 | 3634325.90 | 215.01984 | (20073024) | 504371.98 | 3634325.90 | 164.71690 | (20073024) |
| 504421.98 | 3634325.90 | 126.59378 | (20013123) | 504471.98 | 3634325.90 | 107.30476 | (20013123) |
| 504521.98 | 3634325.90 | 97.66232 | (20013123) | 504571.98 | 3634325.90 | 91.06408 | (20013123) |
| 504621.98 | 3634325.90 | 82.89445 | (20013123) | 504671.98 | 3634325.90 | 74.88262 | (20013123) |
| 504721.98 | 3634325.90 | 70.64784 | (21013019) | 502721.98 | 3634375.90 | 29.58665 | (21021102) |
| 502771.98 | 3634375.90 | 31.71137 | (21021102) | 502821.98 | 3634375.90 | 33.96568 | (21021102) |
| 503021.98 | 3634375.90 | 47.04149 | (21021102) | 503071.98 | 3634375.90 | 51.70390 | (21021102) |
| 503121.98 | 3634375.90 | 56.87171 | (21021102) | 503171.98 | 3634375.90 | 62.91171 | (21021102) |
| 503221.98 | 3634375.90 | 70.28150 | (21021102) | 503271.98 | 3634375.90 | 79.24259 | (21021102) |

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        504221.98   3634375.90      282.58105  (20082306)                504271.98
3634375.90      259.87715  (20082306)
        504321.98   3634375.90      233.92069  (20082306)                504371.98
3634375.90      189.31753  (20082306)
        504421.98   3634375.90      122.91104  (20082306)                504471.98
3634375.90      106.60023  (19122101)
        504521.98   3634375.90       99.48850  (19122101)                504571.98
3634375.90       92.21569  (19122101)
        504621.98   3634375.90       85.20906  (19122101)                504671.98
3634375.90       79.54872  (21021007)
        504721.98   3634375.90       74.63189  (21021007)                502721.98
3634425.90       36.34783  (21021102)
        502771.98   3634425.90       38.96804  (21021102)                502821.98
3634425.90       41.90366  (21021102)
        504271.98   3634425.90      130.85946  (21011518)                504321.98
3634425.90      214.01713  (20082306)
        504371.98   3634425.90      211.00544  (20082306)                504421.98
3634425.90      135.46889  (20082306)
        504471.98   3634425.90       99.56591  (20011720)                504521.98
3634425.90       92.86100  (21032906)
        504571.98   3634425.90       85.96716  (21032906)                504621.98
3634425.90       79.60250  (21032906)
        504671.98   3634425.90       74.38939  (21032906)                504721.98
3634425.90       70.19179  (21101921)
        502721.98   3634475.90       37.40851  (21021102)                502771.98
3634475.90       39.89729  (21021102)
        502821.98   3634475.90       42.54638  (21021102)                504321.98
3634475.90       95.85509  (21101422)
        504371.98   3634475.90      118.98358  (21090306)                504421.98
3634475.90      141.64103  (20041201)
        504471.98   3634475.90      139.17570  (20041201)                504521.98
3634475.90      117.75679  (20041201)
        504571.98   3634475.90      104.62884  (20041201)                504621.98
3634475.90       94.14476  (20041201)
        504671.98   3634475.90       77.61155  (20041201)                504721.98
3634475.90       70.79336  (21013119)
        502721.98   3634525.90       31.97505  (21021102)                502771.98
3634525.90       33.27432  (21021102)
        504371.98   3634525.90       92.89268  (21020220)                504421.98
3634525.90       81.38997  (21020220)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 834
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
```

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 139.59063 | (21012820) | 504521.98 | 3634525.90 | 108.14979 | (20081806) |
| 504571.98 | 3634525.90 | 103.28321 | (20081806) | 504621.98 | 3634525.90 | 94.35916 | (20041201) |
| 504671.98 | 3634525.90 | 84.46383 | (20041201) | 504721.98 | 3634525.90 | 73.20976 | (20041201) |
| 502721.98 | 3634575.90 | 28.85960 | (19050903) | 502771.98 | 3634575.90 | 31.98835 | (19050903) |
| 504421.98 | 3634575.90 | 77.73554 | (21020220) | 504471.98 | 3634575.90 | 73.07523 | (21020220) |
| 504521.98 | 3634575.90 | 67.69326 | (21020220) | 504571.98 | 3634575.90 | 134.68708 | (21012820) |
| 504621.98 | 3634575.90 | 103.61460 | (21012820) | 504671.98 | 3634575.90 | 97.34896 | (20081806) |
| 504721.98 | 3634575.90 | 88.36448 | (20081806) | 502721.98 | 3634625.90 | 32.69336 | (19050903) |
| 502771.98 | 3634625.90 | 35.19877 | (19050903) | 502821.98 | 3634625.90 | 37.79806 | (19050903) |
| 502871.98 | 3634625.90 | 40.27379 | (19050903) | 502921.98 | 3634625.90 | 42.56003 | (19050903) |
| 502971.98 | 3634625.90 | 44.55628 | (19050903) | 503021.98 | 3634625.90 | 46.05160 | (19050903) |
| 503071.98 | 3634625.90 | 46.79809 | (19050903) | 503121.98 | 3634625.90 | 46.49361 | (19050903) |
| 504471.98 | 3634625.90 | 55.65300 | (21020220) | 504521.98 | 3634625.90 | 56.18918 | (21020220) |
| 504571.98 | 3634625.90 | 55.40648 | (21020220) | 504621.98 | 3634625.90 | 100.38992 | (20082303) |
| 504671.98 | 3634625.90 | 95.70440 | (21012820) | 504721.98 | 3634625.90 | 83.44928 | (21012820) |
| 502721.98 | 3634675.90 | 31.92058 | (19050903) | 502771.98 | 3634675.90 | 33.12550 | (19050903) |
| 502821.98 | 3634675.90 | 34.08241 | (19050903) | 502871.98 | 3634675.90 | 34.62347 | (19050903) |
| 502921.98 | 3634675.90 | 34.66076 | (19050903) | 502971.98 | | | |

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3634675.90       34.11950  (19050903)
        503021.98   3634675.90       35.61136  (20021724)                503071.98
3634675.90       43.85489  (20021724)
        503121.98   3634675.90       53.10223  (20021724)                503171.98
3634675.90       72.25476  (21011719)
        503221.98   3634675.90       96.84750  (21011719)                503271.98
3634675.90      114.55653  (21011719)
        503321.98   3634675.90      115.02091  (21011719)                503371.98
3634675.90      123.25395  (20022207)
        503421.98   3634675.90      136.16506  (20022207)                503471.98
3634675.90      146.09496  (21012023)
        503521.98   3634675.90      149.58132  (20040823)                504521.98
3634675.90       40.88820  (20082303)
        504571.98   3634675.90       42.13953  (20082303)                504621.98
3634675.90       41.57344  (20082303)
        504671.98   3634675.90       41.60111  (21020220)                504721.98
3634675.90       93.79711  (20082303)
        502721.98   3634725.90       27.02347  (19050903)                502771.98
3634725.90       26.81146  (19050903)
        502821.98   3634725.90       26.21579  (19050903)                502871.98
3634725.90       26.23059  (20021724)
        502921.98   3634725.90       31.80945  (20021724)                502971.98
3634725.90       38.01954  (20021724)
        503021.98   3634725.90       44.57064  (20021724)                503071.98
3634725.90       59.71901  (21011719)
        503121.98   3634725.90       77.22135  (21011719)                503171.98
3634725.90       90.36580  (21011719)
        503221.98   3634725.90       92.94582  (21011719)                503271.98
3634725.90       89.55520  (20022207)
        503321.98   3634725.90      105.66309  (20022207)                503371.98
3634725.90      110.48806  (21012023)
        503421.98   3634725.90      116.16624  (21012023)                503471.98
3634725.90      121.10645  (20040823)
        503521.98   3634725.90      135.42262  (21121424)                503571.98
3634725.90      143.80458  (19121706)
        503621.98   3634725.90      117.84104  (19121706)                504571.98
3634725.90       26.92449  (20082303)
        504621.98   3634725.90       30.05544  (20082303)                504671.98
3634725.90       32.09998  (20082303)
        504721.98   3634725.90       32.95925  (20082303)                502721.98
3634775.90       20.68388  (19120120)
        502771.98   3634775.90       24.00843  (20021724)                502821.98
3634775.90       28.45576  (20021724)
        502871.98   3634775.90       33.23953  (20021724)                502921.98
3634775.90       38.11240  (20021724)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES  ***
INCLUDING SOURCE(S):  L0000310  , L0000311  , L0000312  , L0000313  , L0000314  ,
L0000315  , L0000316  , L0000317  , L0000318  , L0000319  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 50.49305 | (21011719) | 503021.98 | 3634775.90 | 63.48970 | (21011719) |
| 503071.98 | 3634775.90 | 73.49143 | (21011719) | 503121.98 | 3634775.90 | 76.65392 | (21011719) |
| 503171.98 | 3634775.90 | 70.29093 | (21011719) | 503221.98 | 3634775.90 | 81.53281 | (20022207) |
| 503271.98 | 3634775.90 | 89.44832 | (20022207) | 503321.98 | 3634775.90 | 93.89919 | (21012023) |
| 503371.98 | 3634775.90 | 94.41563 | (21012023) | 503421.98 | 3634775.90 | 100.25070 | (20040823) |
| 503471.98 | 3634775.90 | 111.10962 | (21121424) | 503521.98 | 3634775.90 | 115.19647 | (19121706) |
| 503571.98 | 3634775.90 | 112.85501 | (19121706) | 503621.98 | 3634775.90 | 99.47648 | (19020322) |
| 503671.98 | 3634775.90 | 133.54533 | (20120224) | 503721.98 | 3634775.90 | 157.83480 | (21021806) |
| 503771.98 | 3634775.90 | 168.41860 | (21012024) | 503821.98 | 3634775.90 | 124.97974 | (21012024) |
| 504621.98 | 3634775.90 | 16.74067 | (20082303) | 504671.98 | 3634775.90 | 19.78811 | (20082303) |
| 504721.98 | 3634775.90 | 22.51179 | (20082303) | 502721.98 | 3634825.90 | 25.58721 | (20021724) |
| 502771.98 | 3634825.90 | 29.34584 | (20021724) | 502821.98 | 3634825.90 | 33.35984 | (21011719) |
| 502871.98 | 3634825.90 | 43.41136 | (21011719) | 502921.98 | 3634825.90 | 53.42048 | (21011719) |
| 502971.98 | 3634825.90 | 61.28257 | (21011719) | 503021.98 | 3634825.90 | 64.47521 | (21011719) |
| 503071.98 | 3634825.90 | 61.07688 | (21011719) | 503121.98 | 3634825.90 | 63.68353 | (20022207) |

503171.98 3634825.90 72.87673 (20022207) 503221.98 3634825.90 75.70519 (20022207)
503271.98 3634825.90 80.64043 (21012023) 503321.98 3634825.90 78.50455 (21012023)
503371.98 3634825.90 84.66925 (20040823) 503421.98 3634825.90 92.64651 (21121424)
503471.98 3634825.90 91.95435 (19121706) 503521.98 3634825.90 100.80607 (19121706)
503571.98 3634825.90 83.24120 (19020322) 503621.98 3634825.90 88.20170 (20120224)
503671.98 3634825.90 118.17125 (20120224) 503721.98 3634825.90 134.45727 (21021806)
503771.98 3634825.90 144.37515 (21012024) 503821.98 3634825.90 110.67837 (21012024)
503871.98 3634825.90 82.23773 (21013118) 503921.98 3634825.90 113.55670 (21013118)
504671.98 3634825.90 13.98959 (21071520) 504721.98 3634825.90 12.57578 (20082303)
502721.98 3634875.90 29.75425 (21011719) 502771.98 3634875.90 37.83540 (21011719)
502821.98 3634875.90 45.77667 (21011719) 502871.98 3634875.90 52.09572 (21011719)
502921.98 3634875.90 55.12656 (21011719) 502971.98 3634875.90 53.43437 (21011719)
503021.98 3634875.90 50.37308 (20022207) 503071.98 3634875.90 59.24498 (20022207)
503121.98 3634875.90 64.63821 (20022207) 503171.98 3634875.90 64.57709 (21012023)
503221.98 3634875.90 69.86856 (21012023) 503271.98 3634875.90 66.34457 (21012023)
503321.98 3634875.90 72.77840 (20040823) 503371.98 3634875.90 78.45170 (21121424)
503421.98 3634875.90 80.94311 (21121424) 503471.98 3634875.90 87.33954 (19121706)
503521.98 3634875.90 78.26404 (19121706) 503571.98 3634875.90 73.11107 (19020322)
503621.98 3634875.90 88.10432 (20120224) 503671.98 3634875.90 104.63012 (21021806)
503721.98 3634875.90 114.58924 (21021806) 503771.98 3634875.90 125.25087 (21012024)
503821.98 3634875.90 97.35058 (21012024) 503871.98 3634875.90 70.54263 (21041323)
503921.98 3634875.90 175.19538 (21060422) 504721.98 3634875.90 14.54657 (21071520)
502721.98 3634925.90 39.78773 (21011719) 502771.98 3634925.90 44.99675 (21011719)
502821.98 3634925.90 47.77903 (21011719) 502871.98 3634925.90 47.06856 (21011719)
502921.98 3634925.90 42.56576 (21011719) 502971.98 3634925.90 48.31198 (20022207)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 ,
L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 54.36953 | (20022207) | 503071.98 | 3634925.90 | 56.94791 | (20022207) |
| 503121.98 | 3634925.90 | 58.28690 | (21012023) | 503171.98 | 3634925.90 | 61.05098 | (21012023) |
| 503221.98 | 3634925.90 | 56.78816 | (21012023) | 503271.98 | 3634925.90 | 63.52955 | (20040823) |
| 503321.98 | 3634925.90 | 67.29818 | (21121424) | 503371.98 | 3634925.90 | 71.56756 | (21121424) |
| 503421.98 | 3634925.90 | 74.63254 | (19121706) | 503471.98 | 3634925.90 | 73.91863 | (19121706) |
| 503521.98 | 3634925.90 | 62.92821 | (19020322) | 503571.98 | 3634925.90 | 61.68427 | (19020322) |
| 503621.98 | 3634925.90 | 84.45041 | (20120224) | 503671.98 | 3634925.90 | 97.48904 | (21021806) |
| 503721.98 | 3634925.90 | 97.82287 | (21021806) | 503771.98 | 3634925.90 | 144.21138 | (20071102) |
| 503821.98 | 3634925.90 | 143.34674 | (19013104) | 503871.98 | 3634925.90 | 195.71075 | (19122420) |
| 502721.98 | 3634975.90 | 41.89291 | (21011719) | 502771.98 | 3634975.90 | 41.78072 | (21011719) |
| 502821.98 | 3634975.90 | 38.71971 | (21011719) | 502871.98 | 3634975.90 | 39.69725 | (20022207) |
| 502921.98 | 3634975.90 | 45.60808 | (20022207) | 502971.98 | 3634975.90 | 49.39542 | (20022207) |
| 503021.98 | 3634975.90 | 50.04009 | (20022207) | 503071.98 | | | |

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3634975.90       52.58609  (21012023)
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3634975.90       49.08837  (21012023)
        503221.98   3634975.90       55.97976  (20040823)                503271.98
3634975.90       58.38745  (21121424)
        503321.98   3634975.90       63.52543  (21121424)                503371.98
3634975.90       63.39276  (19121706)
        503421.98   3634975.90       67.58260  (19121706)                503471.98
3634975.90       57.43637  (19121706)
        503521.98   3634975.90       56.83386  (19020322)                503571.98
3634975.90       59.96226  (20120224)
        503621.98   3634975.90       78.61235  (20120224)                503671.98
3634975.90       89.81388  (21021806)
        503721.98   3634975.90      135.06959  (19101219)                503771.98
3634975.90      170.58910  (20071102)
        503821.98   3634975.90      151.54741  (21061222)                503871.98
3634975.90      156.22297  (19122420)
        502721.98   3635025.90       35.28710  (21011719)                502771.98
3635025.90       32.92039  (20022207)
        502821.98   3635025.90       38.34649  (20022207)                502871.98
3635025.90       42.58464  (20022207)
        502921.98   3635025.90       44.72555  (20022207)                502971.98
3635025.90       44.00891  (20022207)
        503021.98   3635025.90       47.54332  (21012023)                503071.98
3635025.90       47.50030  (21012023)
        503121.98   3635025.90       43.94502  (20040823)                503171.98
3635025.90       50.05124  (20040823)
        503221.98   3635025.90       51.32713  (20040823)                503271.98
3635025.90       56.59654  (21121424)
        503321.98   3635025.90       53.70271  (19121706)                503371.98
3635025.90       60.58389  (19121706)
        503421.98   3635025.90       56.22625  (19121706)                503471.98
3635025.90       49.97531  (19020322)
        503521.98   3635025.90       49.57290  (19020322)                503571.98
3635025.90       60.58106  (20120224)
        503621.98   3635025.90       71.60818  (20120224)                503671.98
3635025.90       81.79502  (21021806)
        503721.98   3635025.90      155.37114  (19101219)                503771.98
3635025.90      153.51954  (20071102)
        503821.98   3635025.90      120.27211  (21061222)                504371.98
3635025.90       43.53758  (20011620)
        502721.98   3635075.90       32.38067  (20022207)                502771.98
3635075.90       36.57424  (20022207)
        502821.98   3635075.90       39.43790  (20022207)                502871.98
3635075.90       40.31192  (20022207)
        502921.98   3635075.90       40.57049  (21012023)                502971.98
3635075.90       43.08880  (21012023)
        503021.98   3635075.90       42.30284  (21012023)                503071.98
3635075.90       39.84816  (20040823)
        503121.98   3635075.90       45.02341  (20040823)                503171.98
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3635075.90       46.30227  (20040823)
        503221.98   3635075.90       50.65465  (21121424)                503271.98
3635075.90       49.49899  (21121424)
        503321.98   3635075.90       53.62498  (19121706)                503371.98
3635075.90       53.34113  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        503421.98   3635075.90       43.85468  (19121706)                503471.98
3635075.90       45.95067  (19020322)
        503521.98   3635075.90       42.21485  (20120224)                503571.98
3635075.90       59.35889  (20120224)
        503621.98   3635075.90       64.33968  (20120224)                503671.98
3635075.90       74.31805  (21021806)
        503721.98   3635075.90      134.61875  (19101219)                503771.98
3635075.90      141.97975  (20071102)
        503821.98   3635075.90      107.13714  (19072224)                504371.98
3635075.90       44.18519  (20011620)
        504421.98   3635075.90       38.51358  (20011620)                504471.98
3635075.90       39.69560  (21012617)
        504521.98   3635075.90       40.25228  (21012617)                502721.98
3635125.90       34.56364  (20022207)
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3635125.90       39.16599  (21012023)
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3635125.90       36.36550  (20040823)

503071.98 3635125.90 40.79974 (20040823) 503121.98 3635125.90 42.03885 (20040823)
503171.98 3635125.90 45.54640 (21121424) 503221.98 3635125.90 45.61408 (21121424)
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503671.98 3635125.90 99.39138 (21081004) 503721.98 3635125.90 132.69628 (19101219)
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504571.98 3635175.90 32.60761 (21012617) 504621.98 3635175.90 33.39647 (21012617)

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        503521.98   3635225.90       44.50029  (20120224)                503571.98
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        503621.98   3635225.90      100.11542  (20090823)                503671.98
3635225.90      113.36726  (21081004)
        504371.98   3635225.90       29.81320  (20011620)                504421.98
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        504571.98   3635225.90       27.88284  (20011620)                504621.98

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        503521.98   3635275.90       43.37232  (20120224)                503571.98
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  503071.98  3635375.90  62.59834  (20042421)  503121.98
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  503171.98  3635375.90  32.57032  (19121706)  503221.98
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*** AERMOD - VERSION 24142  ***  *** C:\Users\dlarocca\Desktop\Air Quality Work\Lakes\SanteeOp\SanteeOp.i ***  02/10/25
 *** AERMET - VERSION  22112 ***  ***
                    ***  13:54:44

                              PAGE 839
 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

                           *** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES  ***
                              INCLUDING SOURCE(S):  L0000310  , L0000311 , L0000312  , L0000313  , L0000314  ,
                 L0000315  , L0000316  , L0000317  , L0000318  , L0000319 ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                 ** CONC OF PM_10  IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)  CONC  (YYMMDDHH)  X-COORD (M)  Y-COORD (M)  CONC  (YYMMDDHH)
 - - -

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3635475.90 23.09094 (19020322)

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♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 840
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3633025.90       40.15788  (20121603)
        502971.98   3633025.90       34.01805  (20092123)                503021.98
3633025.90       38.25331  (20090205)
        503071.98   3633025.90       50.33168  (20090205)                503121.98
3633025.90       43.37118  (20092124)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503171.98 3633025.90 38.29186 (20102407) 503221.98
3633025.90 45.46611 (20082723)
503271.98 3633025.90 43.36809 (20111701) 503321.98
3633025.90 44.60885 (19081924)
503371.98 3633025.90 55.88523 (19081924) 503421.98
3633025.90 46.92081 (19081924)
503471.98 3633025.90 50.42114 (19110606) 503621.98
3633025.90 42.91027 (20050102)
503671.98 3633025.90 47.94888 (20050102) 503721.98
3633025.90 47.51191 (21020203)
503771.98 3633025.90 35.67882 (20032924) 503821.98
3633025.90 39.58421 (20110207)
503871.98 3633025.90 36.36375 (20110207) 503921.98
3633025.90 34.05778 (20080820)
503971.98 3633025.90 39.87220 (19032124) 504021.98
3633025.90 40.58459 (20022622)
504071.98 3633025.90 40.36176 (21013120) 504121.98
3633025.90 35.26547 (19102905)
504171.98 3633025.90 39.24035 (21022205) 504221.98
3633025.90 40.16703 (20022403)
504271.98 3633025.90 38.73729 (21011620) 504321.98
3633025.90 37.76989 (20052501)
504371.98 3633025.90 36.08849 (21013021) 504421.98
3633025.90 37.37313 (21120723)
504471.98 3633025.90 35.35198 (20101423) 504521.98
3633025.90 35.16320 (20112022)
504571.98 3633025.90 35.55564 (21011323) 504621.98
3633025.90 34.07598 (21120804)
504671.98 3633025.90 34.22986 (20011902) 504721.98
3633025.90 32.45411 (21022803)
504771.98 3633025.90 33.02460 (21021820) 504821.98
3633025.90 32.30093 (20121007)
504871.98 3633025.90 32.37795 (21011520) 504921.98
3633025.90 30.59491 (21010522)
504971.98 3633025.90 30.25595 (19122301) 505021.98
3633025.90 29.72184 (20122923)
505071.98 3633025.90 27.58839 (19081501) 505121.98
3633025.90 27.98470 (20100121)
505171.98 3633025.90 28.86181 (21022502) 505221.98
3633025.90 27.16031 (19120104)
502221.98 3633075.90 6.15674 (19010119) 502271.98
3633075.90 5.98521 (19010119)
502321.98 3633075.90 5.71195 (19010119) 502371.98
3633075.90 5.36283 (19010119)
502421.98 3633075.90 5.62909 (21030103) 502471.98
3633075.90 7.26201 (21030103)
502521.98 3633075.90 9.12247 (21030103) 502571.98
3633075.90 11.10495 (21030103)
502621.98 3633075.90 13.04032 (21030103) 502671.98
3633075.90 14.71642 (21030103)

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        502721.98   3633075.90       15.90408  (21030103)                502771.98
3633075.90       16.40138  (21030103)
        502821.98   3633075.90       29.64069  (21031822)                502871.98
3633075.90       40.28698  (21031822)
        502921.98   3633075.90       40.13963  (20121603)                502971.98
3633075.90       41.18828  (20121603)
        503021.98   3633075.90       40.96443  (20092124)                503071.98
3633075.90       50.17731  (20092124)
        503121.98   3633075.90       53.14996  (20092124)                503171.98
3633075.90       43.66943  (20061222)
        503221.98   3633075.90       43.29490  (20082723)                503271.98
3633075.90       47.70497  (20082723)
        503321.98   3633075.90       43.67583  (20111701)                503371.98
3633075.90       55.27068  (19081924)
        503421.98   3633075.90       50.85346  (19081924)                503471.98
3633075.90       50.68078  (19110606)
        503621.98   3633075.90       41.96412  (20050102)                503671.98
3633075.90       47.95870  (20050102)
        503721.98   3633075.90       47.29044  (21020203)                503771.98
3633075.90       37.68134  (20032924)
        503821.98   3633075.90       41.86500  (20110207)                503871.98
3633075.90       37.31973  (20110207)
        503921.98   3633075.90       36.67390  (20080820)                503971.98
3633075.90       42.01654  (19032124)
        504021.98   3633075.90       41.06187  (20022622)                504071.98
3633075.90       42.37176  (21011302)
        504121.98   3633075.90       39.14258  (19102905)                504171.98
3633075.90       41.35383  (21022205)
        504221.98   3633075.90       42.55742  (20022403)                504271.98
3633075.90       41.40276  (21011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 842
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 40.22983 | (21013021) | 504371.98 | 3633075.90 | 38.56783 | (20042404) |
| 504421.98 | 3633075.90 | 38.36858 | (21120723) | 504471.98 | 3633075.90 | 37.34784 | (20101423) |
| 504521.98 | 3633075.90 | 36.19242 | (21022020) | 504571.98 | 3633075.90 | 36.34087 | (21011323) |
| 504621.98 | 3633075.90 | 36.29866 | (21010102) | 504671.98 | 3633075.90 | 34.55067 | (20011902) |
| 504721.98 | 3633075.90 | 35.03285 | (19022705) | 504771.98 | 3633075.90 | 33.81986 | (21021820) |
| 504821.98 | 3633075.90 | 34.18369 | (21011520) | 504871.98 | 3633075.90 | 32.18865 | (19121906) |
| 504921.98 | 3633075.90 | 31.52193 | (19122301) | 504971.98 | 3633075.90 | 31.14483 | (20122923) |
| 505021.98 | 3633075.90 | 28.95734 | (19081501) | 505071.98 | 3633075.90 | 29.35539 | (20100121) |
| 505121.98 | 3633075.90 | 30.23571 | (21022502) | 505171.98 | 3633075.90 | 28.40982 | (19120104) |
| 505221.98 | 3633075.90 | 27.52237 | (20021702) | 502221.98 | 3633125.90 | 6.63763 | (19010119) |
| 502271.98 | 3633125.90 | 6.55563 | (19010119) | 502321.98 | 3633125.90 | 6.37256 | (19010119) |
| 502371.98 | 3633125.90 | 6.09425 | (19010119) | 502421.98 | 3633125.90 | 5.73066 | (19010119) |
| 502471.98 | 3633125.90 | 6.01219 | (21030103) | 502521.98 | 3633125.90 | 7.79862 | (21030103) |
| 502571.98 | 3633125.90 | 9.82792 | (21030103) | 502621.98 | 3633125.90 | 11.97484 | (21030103) |
| 502671.98 | 3633125.90 | 14.04612 | (21030103) | 502721.98 | 3633125.90 | 15.79112 | (21030103) |
| 502771.98 | 3633125.90 | 16.94763 | (21030103) | 502821.98 | 3633125.90 | 18.30648 | (20121603) |
| 502871.98 | 3633125.90 | 34.23776 | (21031822) | 502921.98 | 3633125.90 | 40.12960 | (21031822) |
| 502971.98 | 3633125.90 | 42.08616 | (20121603) | 503021.98 | 3633125.90 | 39.83927 | (20092124) |
| 503071.98 | 3633125.90 | 54.63257 | (20092124) | 503121.98 | 3633125.90 | 59.41653 | (20092124) |
| 503171.98 | 3633125.90 | 49.47282 | (20092124) | 503221.98 | 3633125.90 | 40.20234 | (20082723) |
| 503271.98 | 3633125.90 | 49.39950 | (20082723) | 503321.98 | 3633125.90 | 45.86590 | (20082723) |
| 503371.98 | 3633125.90 | 54.65153 | (19081924) | 503421.98 | 3633125.90 | 53.88177 | (19081924) |
| 503471.98 | 3633125.90 | 50.21666 | (19110606) | 503621.98 | | | |

3633125.90       41.18432  (19091221)
        503671.98   3633125.90       47.38143  (20050102)                503721.98
3633125.90       47.18731  (21020203)
        503771.98   3633125.90       40.32627  (20032924)                503821.98
3633125.90       44.28195  (20110207)
        503871.98   3633125.90       38.21867  (20110207)                503921.98
3633125.90       39.39552  (20080820)
        503971.98   3633125.90       43.91502  (19032124)                504021.98
3633125.90       44.38289  (21013120)
        504071.98   3633125.90       43.66005  (21011302)                504121.98
3633125.90       42.38138  (19102905)
        504171.98   3633125.90       43.12799  (19121107)                504221.98
3633125.90       42.91635  (20022403)
        504271.98   3633125.90       41.80040  (21011620)                504321.98
3633125.90       40.93801  (21013021)
        504371.98   3633125.90       40.80487  (21120723)                504421.98
3633125.90       38.79060  (20101423)
        504471.98   3633125.90       38.46679  (20112022)                504521.98
3633125.90       39.20234  (21011323)
        504571.98   3633125.90       37.89284  (21010102)                504621.98
3633125.90       37.55121  (20011902)
        504671.98   3633125.90       36.80320  (19022705)                504721.98
3633125.90       36.39008  (21021820)
        504771.98   3633125.90       35.69457  (21011520)                504821.98
3633125.90       34.07450  (19121906)
        504871.98   3633125.90       33.59410  (21010522)                504921.98
3633125.90       32.60926  (20122923)
        504971.98   3633125.90       30.55810  (20122923)                505021.98
3633125.90       30.86703  (20100121)
        505071.98   3633125.90       31.73281  (21022502)                505121.98
3633125.90       29.75142  (19120104)
        505171.98   3633125.90       29.17059  (20021702)                505221.98
3633125.90       29.36444  (20021702)
        502221.98   3633175.90        6.99524  (19010119)                502271.98
3633175.90        7.03005  (19010119)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                    INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 6.96432 | (19010119) | 502371.98 | 3633175.90 | 6.80319 | (19010119) |
| 502421.98 | 3633175.90 | 6.52675 | (19010119) | 502471.98 | 3633175.90 | 6.14014 | (19010119) |
| 502521.98 | 3633175.90 | 6.44093 | (21030103) | 502571.98 | 3633175.90 | 8.39915 | (21030103) |
| 502621.98 | 3633175.90 | 10.61859 | (21030103) | 502671.98 | 3633175.90 | 12.94768 | (21030103) |
| 502721.98 | 3633175.90 | 15.15265 | (21030103) | 502771.98 | 3633175.90 | 16.95097 | (21030103) |
| 502821.98 | 3633175.90 | 31.52073 | (21030103) | 502871.98 | 3633175.90 | 20.47030 | (20121603) |
| 502921.98 | 3633175.90 | 35.91603 | (21031822) | 502971.98 | 3633175.90 | 38.32278 | (20121603) |
| 503021.98 | 3633175.90 | 40.63036 | (20121603) | 503071.98 | 3633175.90 | 45.14246 | (20092124) |
| 503121.98 | 3633175.90 | 57.36538 | (20092124) | 503171.98 | 3633175.90 | 51.52138 | (20092124) |
| 503221.98 | 3633175.90 | 44.22095 | (20061222) | 503271.98 | 3633175.90 | 51.25550 | (20082723) |
| 503321.98 | 3633175.90 | 51.71821 | (20082723) | 503371.98 | 3633175.90 | 50.98145 | (19081924) |
| 503421.98 | 3633175.90 | 57.13256 | (19081924) | 503471.98 | 3633175.90 | 52.30922 | (19081924) |
| 503621.98 | 3633175.90 | 40.77918 | (19091221) | 503671.98 | 3633175.90 | 48.22360 | (20050102) |
| 503721.98 | 3633175.90 | 47.29723 | (21020203) | 503771.98 | 3633175.90 | 42.96053 | (20032924) |
| 503821.98 | 3633175.90 | 46.78456 | (20110207) | 503871.98 | 3633175.90 | 39.09792 | (20110207) |
| 503921.98 | 3633175.90 | 42.21215 | (20082519) | 503971.98 | 3633175.90 | 47.13301 | (20022622) |
| 504021.98 | 3633175.90 | 47.41267 | (21013120) | 504071.98 | 3633175.90 | 43.93772 | (21011302) |
| 504121.98 | 3633175.90 | 44.59888 | (19102905) | 504171.98 | 3633175.90 | 45.83340 | (20022403) |
| 504221.98 | 3633175.90 | 44.93887 | (21011620) | 504271.98 | 3633175.90 | 43.95823 | (21013021) |
| 504321.98 | 3633175.90 | 42.08893 | (20042404) | 504371.98 | 3633175.90 | 42.53174 | (21120723) |

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        504421.98   3633175.90       41.02422  (20101423)                504471.98
3633175.90       39.70771  (21011323)
        504521.98   3633175.90       39.41415  (20031721)                504571.98
3633175.90       39.35165  (20011902)
        504621.98   3633175.90       37.62403  (19022705)                504671.98
3633175.90       38.44853  (21021820)
        504721.98   3633175.90       36.96395  (20121007)                504771.98
3633175.90       35.91052  (21011520)
        504821.98   3633175.90       35.68879  (21010522)                504871.98
3633175.90       34.27983  (19122301)
        504921.98   3633175.90       32.60971  (20122923)                504971.98
3633175.90       32.51236  (20100121)
        505021.98   3633175.90       33.38751  (21022502)                505071.98
3633175.90       31.21038  (19120104)
        505121.98   3633175.90       30.93741  (20021702)                505171.98
3633175.90       30.54907  (20021702)
        505221.98   3633175.90       29.72249  (20020804)                502221.98
3633225.90        8.12349  (21111004)
        502271.98   3633225.90        7.54669  (21111004)                502321.98
3633225.90        7.46490  (19010119)
        502371.98   3633225.90        7.43956  (19010119)                502421.98
3633225.90        7.28081  (19010119)
        502471.98   3633225.90        6.98815  (19010119)                502521.98
3633225.90        6.59319  (19010119)
        502571.98   3633225.90        6.91320  (21030103)                502621.98
3633225.90        9.06433  (21030103)
        502671.98   3633225.90       11.49695  (21030103)                502721.98
3633225.90       14.02528  (21030103)
        502771.98   3633225.90       16.39038  (21030103)                502821.98
3633225.90       18.23888  (21030103)
        502871.98   3633225.90       28.74231  (21030103)                502921.98
3633225.90       27.35496  (20121603)
        502971.98   3633225.90       31.73549  (20121603)                503021.98
3633225.90       40.26388  (20121603)
        503071.98   3633225.90       38.97780  (20121603)                503121.98
3633225.90       45.08331  (20092124)
        503171.98   3633225.90       53.36408  (20092124)                503221.98
3633225.90       51.91847  (20092124)
        503271.98   3633225.90       49.11932  (20082723)                503321.98
3633225.90       56.37625  (20082723)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 844
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
```

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 54.66112 | (20111701) | 503421.98 | 3633225.90 | 58.18162 | (19081924) |
| 503471.98 | 3633225.90 | 55.32294 | (19081924) | 503621.98 | 3633225.90 | 44.63288 | (19101521) |
| 503671.98 | 3633225.90 | 48.61799 | (20050102) | 503721.98 | 3633225.90 | 49.29777 | (21020203) |
| 503771.98 | 3633225.90 | 45.19712 | (20032924) | 503821.98 | 3633225.90 | 49.22314 | (20110207) |
| 503871.98 | 3633225.90 | 39.95646 | (20110207) | 503921.98 | 3633225.90 | 45.01886 | (20080820) |
| 503971.98 | 3633225.90 | 50.05808 | (20022622) | 504021.98 | 3633225.90 | 49.76030 | (21013120) |
| 504071.98 | 3633225.90 | 43.05125 | (21011302) | 504121.98 | 3633225.90 | 47.79742 | (21022205) |
| 504171.98 | 3633225.90 | 49.11834 | (20022403) | 504221.98 | 3633225.90 | 47.64445 | (21011620) |
| 504271.98 | 3633225.90 | 46.29523 | (21013021) | 504321.98 | 3633225.90 | 44.70873 | (21120723) |
| 504371.98 | 3633225.90 | 42.86259 | (20101423) | 504421.98 | 3633225.90 | 42.30484 | (20112022) |
| 504471.98 | 3633225.90 | 43.20103 | (21011323) | 504521.98 | 3633225.90 | 42.28018 | (21010102) |
| 504571.98 | 3633225.90 | 40.23521 | (20011902) | 504621.98 | 3633225.90 | 40.39109 | (19022705) |
| 504671.98 | 3633225.90 | 39.35473 | (20121007) | 504721.98 | 3633225.90 | 38.95159 | (21011520) |
| 504771.98 | 3633225.90 | 37.77628 | (21010522) | 504821.98 | 3633225.90 | 36.55685 | (19122301) |
| 504871.98 | 3633225.90 | 34.80666 | (20122923) | 504921.98 | 3633225.90 | 34.30064 | (20100121) |
| 504971.98 | 3633225.90 | 35.20711 | (21022502) | 505021.98 | 3633225.90 | 32.81502 | (19120104) |
| 505071.98 | 3633225.90 | 32.85232 | (20021702) | 505121.98 | 3633225.90 | 32.14654 | (20020804) |
| 505171.98 | 3633225.90 | 30.72594 | (20020804) | 505221.98 | | | |

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3633225.90       30.50569  (21012402)
        502221.98   3633275.90        9.31518  (21111004)                502271.98
3633275.90        8.87144  (21111004)
        502321.98   3633275.90        8.29425  (21111004)                502371.98
3633275.90        7.94641  (19010119)
        502421.98   3633275.90        7.93794  (19010119)                502471.98
3633275.90        7.79522  (19010119)
        502521.98   3633275.90        7.51499  (19010119)                502571.98
3633275.90        7.09987  (19010119)
        502621.98   3633275.90        7.43895  (21030103)                502671.98
3633275.90        9.80788  (21030103)
        502721.98   3633275.90       12.48450  (21030103)                502771.98
3633275.90       15.24369  (21030103)
        502821.98   3633275.90       47.68057  (20122620)                502871.98
3633275.90       30.64794  (21030103)
        502921.98   3633275.90       20.76800  (20121603)                502971.98
3633275.90       25.63536  (20121603)
        503021.98   3633275.90       38.09930  (20121603)                503071.98
3633275.90       30.61035  (20121603)
        503121.98   3633275.90       29.22009  (20121603)                503171.98
3633275.90       25.18271  (20121603)
        503221.98   3633275.90       55.38669  (20092124)                503271.98
3633275.90       53.15458  (20061222)
        503321.98   3633275.90       58.94332  (20082723)                503371.98
3633275.90       59.71857  (20111701)
        503421.98   3633275.90       56.36577  (19081924)                503471.98
3633275.90       49.64296  (21020924)
        503621.98   3633275.90       46.52621  (19101521)                503671.98
3633275.90       49.14590  (20050102)
        503721.98   3633275.90       51.93542  (21020203)                503771.98
3633275.90       47.38220  (20032924)
        503821.98   3633275.90       51.84941  (20110207)                503871.98
3633275.90       40.79255  (20082921)
        503921.98   3633275.90       47.83618  (20080820)                503971.98
3633275.90       52.53802  (20022622)
        504021.98   3633275.90       51.30842  (21011302)                504071.98
3633275.90       48.10444  (19102905)
        504121.98   3633275.90       49.70069  (19121107)                504171.98
3633275.90       49.74902  (20022403)
        504221.98   3633275.90       48.17958  (20052501)                504271.98
3633275.90       45.88214  (20042404)
        504321.98   3633275.90       47.42439  (21120723)                504371.98
3633275.90       45.36516  (20101423)
        504421.98   3633275.90       44.95505  (21011323)                504471.98
3633275.90       43.54976  (21010102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES  ***
INCLUDING SOURCE(S):  L0000310  , L0000311  , L0000312  , L0000313  , L0000314  ,
L0000315  , L0000316  , L0000317  , L0000318  , L0000319  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 43.95042 | (20011902) | 504571.98 | 3633275.90 | 43.11259 | (19022705) |
| 504621.98 | 3633275.90 | 41.78991 | (21021820) | 504671.98 | 3633275.90 | 41.82504 | (21011520) |
| 504721.98 | 3633275.90 | 39.78468 | (21010522) | 504771.98 | 3633275.90 | 38.91313 | (19122301) |
| 504821.98 | 3633275.90 | 37.19037 | (20122923) | 504871.98 | 3633275.90 | 36.22357 | (20100121) |
| 504921.98 | 3633275.90 | 37.19063 | (21022502) | 504971.98 | 3633275.90 | 34.55782 | (19120104) |
| 505021.98 | 3633275.90 | 34.91363 | (20021702) | 505071.98 | 3633275.90 | 34.14096 | (20020804) |
| 505121.98 | 3633275.90 | 32.36174 | (20011323) | 505171.98 | 3633275.90 | 32.34444 | (21012402) |
| 505221.98 | 3633275.90 | 30.85010 | (20121620) | 502221.98 | 3633325.90 | 10.35484 | (21111004) |
| 502271.98 | 3633325.90 | 10.11528 | (21111004) | 502321.98 | 3633325.90 | 9.70459 | (21111004) |
| 502371.98 | 3633325.90 | 9.12507 | (21111004) | 502421.98 | 3633325.90 | 8.44914 | (19010119) |
| 502471.98 | 3633325.90 | 8.47809 | (19010119) | 502521.98 | 3633325.90 | 8.36687 | (19010119) |
| 502571.98 | 3633325.90 | 8.09388 | (19010119) | 502621.98 | 3633325.90 | 7.66347 | (19010119) |
| 502671.98 | 3633325.90 | 8.02362 | (21030103) | 502721.98 | 3633325.90 | 10.64499 | (21030103) |
| 502771.98 | 3633325.90 | 13.59052 | (21030103) | 502821.98 | 3633325.90 | 16.60861 | (21030103) |
| 502871.98 | 3633325.90 | 19.32540 | (21030103) | 502921.98 | 3633325.90 | 21.23644 | (21030103) |

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        502971.98   3633325.90       23.58928  (20121603)               503021.98
3633325.90       28.64048  (20121603)
        503071.98   3633325.90       31.93489  (20121603)               503121.98
3633325.90       32.41397  (20121603)
        503171.98   3633325.90       29.68653  (20121603)               503221.98
3633325.90       26.73251  (21063005)
        503271.98   3633325.90       63.97444  (20092124)               503321.98
3633325.90       58.43386  (20082723)
        503371.98   3633325.90       64.18588  (20111701)               503421.98
3633325.90       53.17501  (20111701)
        503471.98   3633325.90       43.74775  (20090124)               503621.98
3633325.90       49.73182  (19101521)
        503671.98   3633325.90       50.41902  (20050102)               503721.98
3633325.90       54.95584  (21020203)
        503771.98   3633325.90       49.75078  (20032924)               503821.98
3633325.90       54.69876  (20110207)
        503871.98   3633325.90       42.11473  (20082921)               503921.98
3633325.90       51.60312  (19032124)
        503971.98   3633325.90       54.11226  (20022622)               504021.98
3633325.90       54.00650  (21011302)
        504071.98   3633325.90       52.07979  (19102905)               504121.98
3633325.90       52.92403  (20022403)
        504171.98   3633325.90       52.86211  (21011620)               504221.98
3633325.90       52.06212  (21013021)
        504271.98   3633325.90       49.51830  (20042404)               504321.98
3633325.90       47.58507  (20101423)
        504371.98   3633325.90       46.43876  (20112022)               504421.98
3633325.90       47.46801  (21011323)
        504471.98   3633325.90       46.46706  (21010102)               504521.98
3633325.90       44.63298  (19022705)
        504571.98   3633325.90       45.17560  (21021820)               504621.98
3633325.90       44.35361  (21011520)
        504671.98   3633325.90       41.63405  (21010522)               504721.98
3633325.90       41.38550  (19122301)
        504771.98   3633325.90       39.77157  (20122923)               504821.98
3633325.90       38.31599  (20100121)
        504871.98   3633325.90       39.35043  (21022502)               504921.98
3633325.90       36.30511  (19120104)
        504971.98   3633325.90       37.11361  (20021702)               505021.98
3633325.90       36.19850  (20020804)
        505071.98   3633325.90       34.21739  (20011323)               505121.98
3633325.90       34.09650  (21012402)
        505171.98   3633325.90       32.46378  (20121620)               505221.98
3633325.90       32.45820  (20022406)
        502221.98   3633375.90       11.13635  (21111004)               502271.98
3633375.90       11.15137  (21111004)
        502321.98   3633375.90       10.97823  (21111004)               502371.98
3633375.90       10.60836  (21111004)
        502421.98   3633375.90       10.04538  (21111004)               502471.98
3633375.90        9.30019  (21111004)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 ,
L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 9.08261 | (19010119) | 502571.98 | 3633375.90 | 9.00320 | (19010119) |
| 502621.98 | 3633375.90 | 8.74084 | (19010119) | 502671.98 | 3633375.90 | 8.29325 | (19010119) |
| 502721.98 | 3633375.90 | 8.67925 | (21030103) | 502771.98 | 3633375.90 | 11.59267 | (21030103) |
| 502821.98 | 3633375.90 | 14.87086 | (21030103) | 502871.98 | 3633375.90 | 18.19062 | (21030103) |
| 502921.98 | 3633375.90 | 21.06893 | (21030103) | 502971.98 | 3633375.90 | 22.95778 | (21030103) |
| 503021.98 | 3633375.90 | 26.81396 | (20121603) | 503071.98 | 3633375.90 | 31.95703 | (20121603) |
| 503121.98 | 3633375.90 | 34.65560 | (20121603) | 503171.98 | 3633375.90 | 33.88579 | (20121603) |
| 503221.98 | 3633375.90 | 29.58109 | (20121603) | 503271.98 | 3633375.90 | 28.43193 | (21063005) |
| 503321.98 | 3633375.90 | 51.11176 | (20092124) | 503371.98 | 3633375.90 | 65.27977 | (20111701) |
| 503421.98 | 3633375.90 | 54.36778 | (20111701) | 503471.98 | 3633375.90 | 49.75982 | (21110603) |
| 503621.98 | 3633375.90 | 54.70525 | (19101521) | 503671.98 | 3633375.90 | 51.53491 | (20050102) |
| 503721.98 | 3633375.90 | 57.30772 | (21020203) | 503771.98 | 3633375.90 | 52.33603 | (20032924) |
| 503821.98 | 3633375.90 | 57.54801 | (20110207) | 503871.98 | | | |

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3633375.90       44.12100  (20032501)
        503921.98   3633375.90       55.41141  (19032124)                503971.98
3633375.90       55.87619  (21013120)
        504021.98   3633375.90       55.07919  (21011302)                504071.98
3633375.90       55.24656  (21022205)
        504121.98   3633375.90       57.06782  (20022403)                504171.98
3633375.90       55.41285  (21011620)
        504221.98   3633375.90       52.86631  (21013021)                504271.98
3633375.90       53.16630  (21120723)
        504321.98   3633375.90       49.77846  (20101423)                504371.98
3633375.90       50.31511  (21011323)
        504421.98   3633375.90       49.79934  (21010102)                504471.98
3633375.90       47.76236  (20011902)
        504521.98   3633375.90       47.67916  (21021820)                504571.98
3633375.90       46.34034  (21011520)
        504621.98   3633375.90       44.70861  (19121906)                504671.98
3633375.90       43.89221  (19122301)
        504721.98   3633375.90       42.59508  (20122923)                504771.98
3633375.90       40.63499  (20100121)
        504821.98   3633375.90       41.72502  (21022502)                504871.98
3633375.90       38.22812  (19120104)
        504921.98   3633375.90       39.10747  (20021702)                504971.98
3633375.90       38.00240  (20020804)
        505021.98   3633375.90       35.79065  (21010922)                505071.98
3633375.90       35.65582  (21012402)
        505121.98   3633375.90       34.30618  (20022406)                505171.98
3633375.90       33.66634  (20022406)
        505221.98   3633375.90       31.69651  (19010903)                502221.98
3633425.90       11.53682  (21111004)
        502271.98   3633425.90       11.84000  (21111004)                502321.98
3633425.90       11.96096  (21111004)
        502371.98   3633425.90       11.88340  (21111004)                502421.98
3633425.90       11.58963  (21111004)
        502471.98   3633425.90       11.08354  (21111004)                502521.98
3633425.90       10.33366  (21111004)
        502571.98   3633425.90        9.74725  (19010119)                502621.98
3633425.90        9.71121  (19010119)
        502671.98   3633425.90        9.46274  (19010119)                502721.98
3633425.90        9.00503  (19010119)
        502771.98   3633425.90        9.42024  (21030103)                502821.98
3633425.90       12.67632  (21030103)
        502871.98   3633425.90       16.32983  (21030103)                502921.98
3633425.90       19.97432  (21030103)
        502971.98   3633425.90       23.03197  (21030103)                503021.98
3633425.90       24.85211  (21030103)
        503071.98   3633425.90       30.49675  (20121603)                503121.98
3633425.90       35.52732  (20121603)
        503171.98   3633425.90       37.26763  (20121603)                503221.98
3633425.90       34.86591  (20121603)
        503271.98   3633425.90       30.53913  (21063005)                503321.98
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3633425.90       64.90086  (20092124)
        503371.98   3633425.90       66.18751  (20102407)                503421.98
3633425.90       64.11961  (20111701)
        503471.98   3633425.90       53.32153  (21110603)                503621.98
3633425.90       64.27845  (19082022)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        503671.98   3633425.90       52.62504  (20050102)                503721.98
3633425.90       59.44336  (21020203)
        503771.98   3633425.90       55.14754  (20032924)                503821.98
3633425.90       60.38517  (20110207)
        503871.98   3633425.90       49.72218  (20081802)                503921.98
3633425.90       58.35807  (19032124)
        503971.98   3633425.90       60.36776  (21013120)                504021.98
3633425.90       54.59060  (21011302)
        504071.98   3633425.90       58.67387  (21022205)                504121.98
3633425.90       57.70026  (20022403)
        504171.98   3633425.90       57.50090  (21013021)                504221.98
3633425.90       55.06451  (20042404)
        504271.98   3633425.90       52.31329  (20101423)                504321.98
3633425.90       50.23344  (20112022)
        504371.98   3633425.90       50.95075  (21011323)                504421.98
3633425.90       52.09216  (20011902)
        504471.98   3633425.90       51.34997  (19022705)                504521.98
3633425.90       49.52311  (20121007)
        504571.98   3633425.90       47.86446  (21011520)                504621.98
3633425.90       46.49527  (21010522)

504671.98 3633425.90 45.39085 (20122923) 504721.98 3633425.90 42.85451 (20100121)
504771.98 3633425.90 44.38439 (21022502) 504821.98 3633425.90 40.66622 (19120104)
504871.98 3633425.90 41.37673 (20021702) 504921.98 3633425.90 39.87296 (20020804)
504971.98 3633425.90 38.12942 (21012402) 505021.98 3633425.90 36.98300 (20121620)
505071.98 3633425.90 36.98766 (20022406) 505121.98 3633425.90 34.74566 (19010903)
505171.98 3633425.90 33.77751 (21121121) 505221.98 3633425.90 32.97793 (21120121)
502221.98 3633475.90 11.50797 (21111004) 502271.98 3633475.90 12.10528 (21111004)
502321.98 3633475.90 12.55730 (21111004) 502371.98 3633475.90 12.82741 (21111004)
502421.98 3633475.90 12.88095 (21111004) 502471.98 3633475.90 12.70755 (21111004)
502521.98 3633475.90 12.22302 (21111004) 502571.98 3633475.90 11.48720 (21111004)
502621.98 3633475.90 10.51618 (21111004) 502671.98 3633475.90 10.48820 (19010119)
504771.98 3633475.90 42.44529 (19120104) 504821.98 3633475.90 43.71739 (20021702)
504871.98 3633475.90 41.67701 (20020804) 504921.98 3633475.90 40.64567 (21012402)
504971.98 3633475.90 39.10987 (20121620) 505021.98 3633475.90 39.29878 (20022406)
505071.98 3633475.90 36.74766 (19010903) 505121.98 3633475.90 35.63499 (21121121)
505171.98 3633475.90 34.85233 (21120121) 505221.98 3633475.90 33.36980 (21021801)
502221.98 3633525.90 11.03552 (21111004) 502271.98 3633525.90 11.89524 (21111004)
502321.98 3633525.90 12.65912 (21111004) 502371.98 3633525.90 13.30327 (21111004)
502421.98 3633525.90 13.75787 (21111004) 502471.98 3633525.90 13.97708 (21111004)
502521.98 3633525.90 13.87597 (21111004) 502571.98 3633525.90 13.46638 (21111004)
502621.98 3633525.90 12.78111 (21111004) 502671.98 3633525.90 11.79050 (21111004)
504771.98 3633525.90 46.43119 (20021702) 504821.98 3633525.90 43.74780 (21010922)
504871.98 3633525.90 43.45049 (21012402) 504921.98 3633525.90 41.06145 (20121620)
504971.98 3633525.90 40.19887 (20022406) 505021.98 3633525.90 38.30918 (21121121)
505071.98 3633525.90 37.85864 (21120121) 505121.98 3633525.90 36.28743 (21021801)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 ,
L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505171.98 | 3633525.90 | 35.14620 | (21011022) | 505221.98 | 3633525.90 | 33.67914 | (20021024) |
| 502221.98 | 3633575.90 | 10.15675 | (21111004) | 502271.98 | 3633575.90 | 11.18385 | (21111004) |
| 502321.98 | 3633575.90 | 12.20765 | (21111004) | 502371.98 | 3633575.90 | 13.18489 | (21111004) |
| 502421.98 | 3633575.90 | 14.02371 | (21111004) | 502471.98 | 3633575.90 | 14.66017 | (21111004) |
| 502521.98 | 3633575.90 | 15.04326 | (21111004) | 502571.98 | 3633575.90 | 15.12794 | (21111004) |
| 502621.98 | 3633575.90 | 14.87645 | (21111004) | 502671.98 | 3633575.90 | 14.25488 | (21111004) |
| 504771.98 | 3633575.90 | 47.00268 | (21010922) | 504821.98 | 3633575.90 | 45.97155 | (21012402) |
| 504871.98 | 3633575.90 | 44.69077 | (20022406) | 504921.98 | 3633575.90 | 42.15690 | (19010903) |
| 504971.98 | 3633575.90 | 41.24850 | (21011418) | 505021.98 | 3633575.90 | 40.42154 | (21011418) |
| 505071.98 | 3633575.90 | 38.13220 | (21021801) | 505121.98 | 3633575.90 | 37.27939 | (21011022) |
| 505171.98 | 3633575.90 | 36.02435 | (20021024) | 505221.98 | 3633575.90 | 36.23875 | (21122302) |
| 502221.98 | 3633625.90 | 8.91756 | (21111004) | 502271.98 | 3633625.90 | 10.03452 | (21111004) |
| 502321.98 | 3633625.90 | 11.24490 | (21111004) | 502371.98 | | | |

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3633625.90       12.45921  (21111004)
        502421.98   3633625.90       13.63832  (21111004)                502471.98
3633625.90       14.67530  (21111004)
        502521.98   3633625.90       15.58208  (21111004)                502571.98
3633625.90       16.21866  (21111004)
        502621.98   3633625.90       16.53481  (21111004)                502671.98
3633625.90       16.45198  (21111004)
        504771.98   3633625.90       48.67954  (20121620)                504821.98
3633625.90       47.81806  (20022406)
        504871.98   3633625.90       44.49168  (19010903)                504921.98
3633625.90       44.90502  (21011418)
        504971.98   3633625.90       43.94555  (21011418)                505021.98
3633625.90       40.19719  (21011022)
        505071.98   3633625.90       38.96889  (20021024)                505121.98
3633625.90       39.56451  (21122302)
        505171.98   3633625.90       37.14857  (21011724)                505221.98
3633625.90       36.50897  (21010408)
        502221.98   3633675.90       11.62406  (21012320)                502271.98
3633675.90       10.68095  (21012320)
        502321.98   3633675.90        9.84097  (21111004)                502371.98
3633675.90       11.17570  (21111004)
        502421.98   3633675.90       12.58622  (21111004)                502471.98
3633675.90       13.96951  (21111004)
        502521.98   3633675.90       15.29717  (21111004)                502571.98
3633675.90       16.46692  (21111004)
        502621.98   3633675.90       17.39659  (21111004)                502671.98
3633675.90       17.98723  (21111004)
        504771.98   3633675.90       50.38287  (20022406)                504821.98
3633675.90       49.91688  (21011418)
        504871.98   3633675.90       50.79461  (21011418)                504921.98
3633675.90       46.25425  (21011418)
        504971.98   3633675.90       42.30026  (21011022)                505021.98
3633675.90       42.09462  (21122302)
        505071.98   3633675.90       40.78657  (21122302)                505121.98
3633675.90       39.81440  (21010408)
        505171.98   3633675.90       39.04401  (21010408)                505221.98
3633675.90       36.79804  (21011720)
        502221.98   3633725.90       14.67853  (21012320)                502271.98
3633725.90       13.94722  (21012320)
        502321.98   3633725.90       13.16752  (21012320)                502371.98
3633725.90       12.20661  (21012320)
        502421.98   3633725.90       11.11432  (21012320)                502471.98
3633725.90       12.56914  (21111004)
        502521.98   3633725.90       14.18802  (21111004)                502571.98
3633725.90       15.78912  (21111004)
        502621.98   3633725.90       17.28525  (21111004)                502671.98
3633725.90       18.56174  (21111004)
        504771.98   3633725.90       59.63539  (21011418)                504821.98
3633725.90       54.85780  (21011418)
        504871.98   3633725.90       47.73922  (21011022)                504921.98
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        502621.98   3633775.90       16.12190  (21111004)                502671.98
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3633775.90       52.34159  (20081722)
        504871.98   3633775.90       50.86244  (21122302)                504921.98
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        504971.98   3633775.90       46.81276  (21010408)                505021.98
3633775.90       44.33061  (21011720)
        505071.98   3633775.90       42.46231  (21011221)                505121.98
3633775.90       42.03455  (20121406)

505171.98 3633775.90 39.15897 (20121406) 505221.98
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3633825.90 19.53093 (21012320)
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3633825.90 16.33435 (21012320)
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3633825.90 16.25750 (21111004)
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3633825.90 55.60710 (21011724)
504871.98 3633825.90 52.19240 (21010408) 504921.98
3633825.90 49.31956 (21011720)
504971.98 3633825.90 46.88506 (21011221) 505021.98
3633825.90 45.94549 (20121406)
505071.98 3633825.90 42.64687 (20021305) 505121.98
3633825.90 42.10718 (20021723)
505171.98 3633825.90 40.48281 (19011606) 505221.98
3633825.90 39.66784 (19011606)
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3633875.90 20.62528 (21012320)
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3633875.90 21.95787 (21012320)
502421.98 3633875.90 22.30424 (21012320) 502471.98
3633875.90 22.30718 (21012320)
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3633875.90 21.51222 (21012320)
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3633875.90 19.15493 (21012320)
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3633875.90 56.36709 (21011720)
504871.98 3633875.90 52.30333 (21011221) 504921.98
3633875.90 51.18675 (20121406)
504971.98 3633875.90 47.44206 (20021305) 505021.98
3633875.90 46.80367 (20021723)
505071.98 3633875.90 45.50286 (19011606) 505121.98
3633875.90 43.32921 (19011606)
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3633875.90 39.25211 (19121305)
502221.98 3633925.90 18.94588 (21012320) 502271.98
3633925.90 20.24827 (21012320)
502321.98 3633925.90 21.58717 (21012320) 502371.98
3633925.90 22.73516 (21012320)
502421.98 3633925.90 23.90361 (21012320) 502471.98
3633925.90 24.76541 (21012320)
502521.98 3633925.90 25.43985 (21012320) 502571.98
3633925.90 25.79575 (21012320)

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        502621.98   3633925.90       25.76011  (21012320)               502671.98
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        502321.98   3633975.90       19.91957  (21012320)               502371.98
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        502421.98   3633975.90       23.39906  (21012320)               502471.98
3633975.90       25.05638  (21012320)
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3633975.90       28.02792  (21012320)
♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 850
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633975.90       29.17755  (21012320)               502671.98
3633975.90       29.90040  (21012320)
        504771.98   3633975.90       61.80722  (20021723)               504821.98
3633975.90       58.92582  (19011606)
        504871.98   3633975.90       55.49358  (20081804)               504921.98
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3633975.90 52.26513 (19121305)
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3633975.90 46.82265 (21010422)
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3633975.90 43.64951 (19011923)
505171.98 3633975.90 41.43209 (19012803) 505221.98
3633975.90 39.18938 (19012803)
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3634025.90 18.80595 (21012320)
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3634025.90 48.80842 (19012803)
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505171.98 3634025.90 41.97679 (20121224) 505221.98
3634025.90 40.09288 (20121224)
502221.98 3634075.90 15.59326 (19083104) 502271.98
3634075.90 15.85562 (19083104)
502321.98 3634075.90 16.10238 (19083104) 502371.98
3634075.90 16.29414 (19083104)
502421.98 3634075.90 16.72903 (21012320) 502471.98
3634075.90 18.89157 (21012320)
502521.98 3634075.90 21.30522 (21012320) 502571.98
3634075.90 23.98018 (21012320)
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3634075.90 29.76091 (21012320)
504771.98 3634075.90 63.53417 (19011923) 504821.98
3634075.90 59.57419 (19011923)
504871.98 3634075.90 56.57707 (19012803) 504921.98
3634075.90 54.41777 (21121821)
504971.98 3634075.90 51.66495 (20121224) 505021.98
3634075.90 49.55740 (20121224)
505071.98 3634075.90 46.74407 (20020703) 505121.98
3634075.90 44.19200 (20020703)
505171.98 3634075.90 40.82112 (20020703) 505221.98
3634075.90 38.79812 (21022324)
502221.98 3634125.90 16.99432 (19083104) 502271.98
3634125.90 17.63671 (19083104)
502321.98 3634125.90 18.22984 (19083104) 502371.98

3634125.90       18.84204  (19083104)
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3634125.90       19.92623  (19083104)
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        502621.98   3634125.90       21.41095  (21012320)                502671.98
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3634125.90       55.02293  (20020703)
        504971.98   3634125.90       50.76921  (21022324)                505021.98
3634125.90       47.90714  (21022324)
        505071.98   3634125.90       46.45823  (20122520)                505121.98
3634125.90       44.16344  (21122121)
        505171.98   3634125.90       43.24994  (21122121)                505221.98
3634125.90       41.78291  (21122121)
        502221.98   3634175.90       17.07162  (19083104)                502271.98
3634175.90       17.95533  (19083104)
        502321.98   3634175.90       18.83905  (19083104)                502371.98
3634175.90       19.94598  (19083104)
        502421.98   3634175.90       20.90960  (19083104)                502471.98
3634175.90       21.89449  (19083104)
        502521.98   3634175.90       22.87905  (19083104)                502571.98
3634175.90       23.89000  (19083104)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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        504771.98   3634175.90       63.38971  (21022324)               504821.98
3634175.90       59.87457  (20122520)
        504871.98   3634175.90       58.34048  (21122121)               504921.98
3634175.90       56.81515  (21122121)
        504971.98   3634175.90       53.88417  (21122121)               505021.98
3634175.90       51.92097  (20121803)
        505071.98   3634175.90       49.76166  (20121803)               505121.98
3634175.90       46.36137  (20121803)
        505171.98   3634175.90       43.42784  (21122201)               505221.98
3634175.90       42.29710  (21122201)
        502221.98   3634225.90       15.90473  (19083104)               502271.98
3634225.90       16.86157  (19083104)
        502321.98   3634225.90       17.99212  (19083104)               502371.98
3634225.90       19.21757  (19083104)
        502421.98   3634225.90       20.44212  (19083104)               502471.98
3634225.90       21.73154  (19083104)
        502521.98   3634225.90       23.07886  (19083104)               502571.98
3634225.90       24.55299  (19083104)
        502621.98   3634225.90       26.10099  (19083104)               502671.98
3634225.90       27.76408  (19083104)
        504771.98   3634225.90       70.22378  (20121803)               504821.98
3634225.90       65.69913  (20121803)
        504871.98   3634225.90       60.56960  (21122201)               504921.98
3634225.90       57.22096  (21122201)
        504971.98   3634225.90       52.83453  (21122201)               505021.98
3634225.90       50.22107  (19021906)
        505071.98   3634225.90       47.61779  (19021906)               505121.98
3634225.90       44.49661  (19021906)
        505171.98   3634225.90       42.14173  (20022423)               505221.98
3634225.90       40.01155  (20013123)
        502221.98   3634275.90       13.65910  (19083104)               502271.98
3634275.90       14.57683  (19083104)
        502321.98   3634275.90       15.63343  (19083104)               502371.98
3634275.90       16.85102  (19083104)
        502421.98   3634275.90       18.07849  (19083104)               502471.98
3634275.90       19.40835  (19083104)
        502521.98   3634275.90       20.87119  (19083104)               502571.98
3634275.90       22.46767  (19083104)
        502621.98   3634275.90       24.24788  (19083104)               502671.98
3634275.90       26.20276  (19083104)
        504771.98   3634275.90       66.62010  (20031603)               504821.98
3634275.90       62.97680  (20031603)
        504871.98   3634275.90       60.10252  (20013123)               504921.98
3634275.90       57.34656  (20013123)
        504971.98   3634275.90       53.95952  (20013123)               505021.98
3634275.90       51.27932  (20013123)
        505071.98   3634275.90       48.29094  (20013123)               505121.98
3634275.90       45.13965  (20013123)
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        505171.98   3634275.90       42.39956  (21121920)                505221.98
3634275.90       39.91513  (20013123)
        502221.98   3634325.90       13.18254  (20022619)                502271.98
3634325.90       13.79762  (20022619)
        502321.98   3634325.90       14.43877  (20022619)                502371.98
3634325.90       15.13346  (20022619)
        502421.98   3634325.90       15.87312  (20022619)                502471.98
3634325.90       16.65142  (20022619)
        502521.98   3634325.90       17.51306  (20022619)                502571.98
3634325.90       18.44144  (20022619)
        502621.98   3634325.90       19.70578  (19083104)                502671.98
3634325.90       21.47043  (19083104)
        504771.98   3634325.90       67.21121  (21013019)                504821.98
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3634325.90       56.19796  (21013019)
        504971.98   3634325.90       52.34782  (21013019)                505021.98
3634325.90       49.90516  (21013019)
        505071.98   3634325.90       46.91454  (21013019)                505121.98
3634325.90       43.45977  (21013019)
        505171.98   3634325.90       41.09549  (21013019)                505221.98
3634325.90       39.53135  (19122101)
        502221.98   3634375.90       17.42023  (21021102)                502271.98
3634375.90       18.26150  (21021102)
        502321.98   3634375.90       19.10186  (21021102)                502371.98
3634375.90       20.02025  (21021102)
        502421.98   3634375.90       21.13047  (21021102)                502471.98
3634375.90       22.33444  (21021102)
        502521.98   3634375.90       23.67319  (21021102)                502571.98
3634375.90       25.04668  (21021102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 852
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 26.44107 | (21021102) | 502671.98 | 3634375.90 | 27.88275 | (21021102) |
| 504771.98 | 3634375.90 | 70.22326 | (21021007) | 504821.98 | 3634375.90 | 65.37385 | (21021007) |
| 504871.98 | 3634375.90 | 61.36098 | (21021007) | 504921.98 | 3634375.90 | 57.70197 | (21021007) |
| 504971.98 | 3634375.90 | 54.71133 | (21021007) | 505021.98 | 3634375.90 | 52.22581 | (21021007) |
| 505071.98 | 3634375.90 | 49.58535 | (21021007) | 505121.98 | 3634375.90 | 47.43361 | (21021007) |
| 505171.98 | 3634375.90 | 45.15295 | (21021007) | 505221.98 | 3634375.90 | 43.16277 | (21021007) |
| 502221.98 | 3634425.90 | 20.82500 | (21021102) | 502271.98 | 3634425.90 | 21.88472 | (21021102) |
| 502321.98 | 3634425.90 | 23.00577 | (21021102) | 502371.98 | 3634425.90 | 24.22327 | (21021102) |
| 502421.98 | 3634425.90 | 25.56241 | (21021102) | 502471.98 | 3634425.90 | 26.99336 | (21021102) |
| 502521.98 | 3634425.90 | 28.59753 | (21021102) | 502571.98 | 3634425.90 | 30.33917 | (21021102) |
| 502621.98 | 3634425.90 | 32.26636 | (21021102) | 502671.98 | 3634425.90 | 34.38187 | (21021102) |
| 504771.98 | 3634425.90 | 65.73828 | (21101921) | 504821.98 | 3634425.90 | 60.85851 | (21101921) |
| 504871.98 | 3634425.90 | 56.41420 | (21101921) | 504921.98 | 3634425.90 | 57.32183 | (20082306) |
| 504971.98 | 3634425.90 | 50.92328 | (20082306) | 505021.98 | 3634425.90 | 48.18949 | (21101921) |
| 505071.98 | 3634425.90 | 47.52026 | (20082306) | 505121.98 | 3634425.90 | 46.45246 | (20082306) |
| 505171.98 | 3634425.90 | 43.27164 | (20082306) | 505221.98 | 3634425.90 | 40.56888 | (20082306) |
| 502221.98 | 3634475.90 | 22.27053 | (21021102) | 502271.98 | 3634475.90 | 23.32889 | (21021102) |
| 502321.98 | 3634475.90 | 24.45783 | (21021102) | 502371.98 | 3634475.90 | 25.67278 | (21021102) |
| 502421.98 | 3634475.90 | 26.98072 | (21021102) | 502471.98 | 3634475.90 | 28.38121 | (21021102) |
| 502521.98 | 3634475.90 | 29.93064 | (21021102) | 502571.98 | 3634475.90 | 31.59228 | (21021102) |
| 502621.98 | 3634475.90 | 33.39460 | (21021102) | 502671.98 | 3634475.90 | 35.36133 | (21021102) |
| 504771.98 | 3634475.90 | 67.62080 | (21013119) | 504821.98 | 3634475.90 | 63.42154 | (21013119) |
| 504871.98 | 3634475.90 | 58.82418 | (21013119) | 504921.98 | | | |

3634475.90       60.58853  (20041201)
        504971.98   3634475.90       55.51733  (21013119)                505021.98
3634475.90       52.35704  (21013119)
        505071.98   3634475.90       50.95298  (20011720)                505121.98
3634475.90       48.23376  (20011720)
        505171.98   3634475.90       45.10449  (20011720)                505221.98
3634475.90       42.47452  (20011720)
        502221.98   3634525.90       21.41597  (21021102)                502271.98
3634525.90       22.24936  (21021102)
        502321.98   3634525.90       23.13158  (21021102)                502371.98
3634525.90       24.06537  (21021102)
        502421.98   3634525.90       25.03720  (21021102)                502471.98
3634525.90       26.06358  (21021102)
        502521.98   3634525.90       27.13404  (21021102)                502571.98
3634525.90       28.27017  (21021102)
        502621.98   3634525.90       29.45143  (21021102)                502671.98
3634525.90       30.72060  (21021102)
        504771.98   3634525.90       64.45084  (20041201)                504821.98
3634525.90       61.58376  (20041201)
        504871.98   3634525.90       66.61610  (20041201)                504921.98
3634525.90       74.47555  (20041201)
        504971.98   3634525.90       72.65488  (20041201)                505021.98
3634525.90       68.35578  (20041201)
        505071.98   3634525.90       64.15882  (20041201)                505121.98
3634525.90       59.04916  (20041201)
        505171.98   3634525.90       53.68994  (20041201)                505221.98
3634525.90       48.65847  (20041201)
        502221.98   3634575.90       18.56180  (21021102)                502271.98
3634575.90       19.01451  (21021102)
        502321.98   3634575.90       19.49632  (21021102)                502371.98
3634575.90       19.98614  (21021102)
        502421.98   3634575.90       20.47243  (21021102)                502471.98
3634575.90       20.94981  (21021102)
        502521.98   3634575.90       21.40026  (21021102)                502571.98
3634575.90       21.82836  (21021102)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                    INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 23.52302 | (19050903) | 502671.98 | 3634575.90 | 26.07093 | (19050903) |
| 504771.98 | 3634575.90 | 77.46043 | (20081806) | 504821.98 | 3634575.90 | 69.36377 | (20081806) |
| 504871.98 | 3634575.90 | 66.99238 | (20081806) | 504921.98 | 3634575.90 | 62.11494 | (20081806) |
| 504971.98 | 3634575.90 | 60.16213 | (20041201) | 505021.98 | 3634575.90 | 59.18533 | (20041201) |
| 505071.98 | 3634575.90 | 57.62293 | (20041201) | 505121.98 | 3634575.90 | 55.55311 | (20041201) |
| 505171.98 | 3634575.90 | 50.00135 | (20041201) | 505221.98 | 3634575.90 | 47.10868 | (20041201) |
| 502221.98 | 3634625.90 | 15.14488 | (19101801) | 502271.98 | 3634625.90 | 15.80347 | (19101801) |
| 502321.98 | 3634625.90 | 16.85018 | (19050903) | 502371.98 | 3634625.90 | 18.34303 | (19050903) |
| 502421.98 | 3634625.90 | 19.96859 | (19050903) | 502471.98 | 3634625.90 | 21.73953 | (19050903) |
| 502521.98 | 3634625.90 | 23.68361 | (19050903) | 502571.98 | 3634625.90 | 25.73882 | (19050903) |
| 502621.98 | 3634625.90 | 27.94087 | (19050903) | 502671.98 | 3634625.90 | 30.26235 | (19050903) |
| 504771.98 | 3634625.90 | 77.61056 | (21032601) | 504821.98 | 3634625.90 | 75.27889 | (21032601) |
| 504871.98 | 3634625.90 | 71.30847 | (21032601) | 504921.98 | 3634625.90 | 68.31425 | (20081806) |
| 504971.98 | 3634625.90 | 67.24056 | (20081806) | 505021.98 | 3634625.90 | 63.24996 | (20081806) |
| 505071.98 | 3634625.90 | 57.65624 | (20081806) | 505121.98 | 3634625.90 | 52.30301 | (20081806) |
| 505171.98 | 3634625.90 | 43.45001 | (20081806) | 505221.98 | 3634625.90 | 37.91513 | (20081806) |
| 502221.98 | 3634675.90 | 17.18802 | (19050903) | 502271.98 | 3634675.90 | 18.49175 | (19050903) |
| 502321.98 | 3634675.90 | 19.85438 | (19050903) | 502371.98 | 3634675.90 | 21.27224 | (19050903) |
| 502421.98 | 3634675.90 | 22.76682 | (19050903) | 502471.98 | 3634675.90 | 24.31176 | (19050903) |
| 502521.98 | 3634675.90 | 25.88861 | (19050903) | 502571.98 | 3634675.90 | 27.48645 | (19050903) |

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        502621.98   3634675.90       29.05779  (19050903)               502671.98
3634675.90       30.53988  (19050903)
        504771.98   3634675.90       84.17287  (20081401)               504821.98
3634675.90       77.59080  (20081401)
        504871.98   3634675.90       65.94396  (21012820)               504921.98
3634675.90       62.72651  (21020220)
        504971.98   3634675.90       61.92604  (21032601)               505021.98
3634675.90       58.73896  (20081806)
        505071.98   3634675.90       55.99182  (20081806)               505121.98
3634675.90       53.98136  (20081806)
        505171.98   3634675.90       48.59330  (20081806)               505221.98
3634675.90       44.09789  (20081806)
        502221.98   3634725.90       18.96349  (19050903)               502271.98
3634725.90       20.05551  (19050903)
        502321.98   3634725.90       21.11221  (19050903)               502371.98
3634725.90       22.18471  (19050903)
        502421.98   3634725.90       23.26167  (19050903)               502471.98
3634725.90       24.25690  (19050903)
        502521.98   3634725.90       25.14376  (19050903)               502571.98
3634725.90       25.93220  (19050903)
        502621.98   3634725.90       26.53316  (19050903)               502671.98
3634725.90       26.92787  (19050903)
        504771.98   3634725.90       81.99903  (20082303)               504821.98
3634725.90       80.13280  (20081401)
        504871.98   3634725.90       82.56729  (20081401)               504921.98
3634725.90       62.97658  (20081401)
        504971.98   3634725.90       56.82193  (19022319)               505021.98
3634725.90       52.72220  (19022319)
        505071.98   3634725.90       46.69866  (19022319)               505121.98
3634725.90       41.49030  (19022319)
        505171.98   3634725.90       38.55728  (21020220)               505221.98
3634725.90       38.21654  (20081806)
        502221.98   3634775.90       19.20410  (19050903)               502271.98
3634775.90       19.90215  (19050903)
        502321.98   3634775.90       20.46725  (19050903)               502371.98
3634775.90       20.98298  (19050903)
        502421.98   3634775.90       21.39371  (19050903)               502471.98
3634775.90       21.68299  (19050903)
        502521.98   3634775.90       21.84605  (19050903)               502571.98
3634775.90       21.75193  (19050903)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                 PAGE 854
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
```

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634775.90 | 21.43643 | (19050903) | 502671.98 | 3634775.90 | 20.87188 | (19050903) |
| 504771.98 | 3634775.90 | 40.94390 | (20082303) | 504821.98 | 3634775.90 | 58.36406 | (19042006) |
| 504871.98 | 3634775.90 | 68.22362 | (19042006) | 504921.98 | 3634775.90 | 52.32455 | (20082303) |
| 504971.98 | 3634775.90 | 49.39346 | (19030607) | 505021.98 | 3634775.90 | 43.80739 | (20082303) |
| 505071.98 | 3634775.90 | 43.05128 | (19022319) | 505121.98 | 3634775.90 | 41.75814 | (19022319) |
| 505171.98 | 3634775.90 | 36.20769 | (19022319) | 505221.98 | 3634775.90 | 33.33713 | (19022319) |
| 502221.98 | 3634825.90 | 17.84423 | (19050903) | 502271.98 | 3634825.90 | 18.05680 | (19050903) |
| 502321.98 | 3634825.90 | 18.14128 | (19050903) | 502371.98 | 3634825.90 | 18.10246 | (19050903) |
| 502421.98 | 3634825.90 | 17.89906 | (19050903) | 502471.98 | 3634825.90 | 17.52457 | (19050903) |
| 502521.98 | 3634825.90 | 17.05512 | (19050903) | 502571.98 | 3634825.90 | 16.98673 | (19120120) |
| 502621.98 | 3634825.90 | 18.78149 | (20021724) | 502671.98 | 3634825.90 | 22.03793 | (20021724) |
| 504771.98 | 3634825.90 | 14.92219 | (20082303) | 504821.98 | 3634825.90 | 65.10532 | (19022007) |
| 504871.98 | 3634825.90 | 49.37488 | (19022007) | 504921.98 | 3634825.90 | 51.07443 | (19030607) |
| 504971.98 | 3634825.90 | 46.59143 | (19030607) | 505021.98 | 3634825.90 | 39.61958 | (19030607) |
| 505071.98 | 3634825.90 | 37.95419 | (19030607) | 505121.98 | 3634825.90 | 35.99178 | (20082303) |
| 505171.98 | 3634825.90 | 32.89461 | (20082303) | 505221.98 | 3634825.90 | 30.41594 | (20082303) |
| 502221.98 | 3634875.90 | 15.27612 | (19050903) | 502271.98 | 3634875.90 | 15.04275 | (19050903) |
| 502321.98 | 3634875.90 | 14.69864 | (19050903) | 502371.98 | | | |

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3634875.90       14.23582  (19050903)
        502421.98   3634875.90       14.25361  (19120120)                502471.98
3634875.90       15.54171  (19120120)
        502521.98   3634875.90       17.54030  (20021724)                502571.98
3634875.90       20.25827  (20021724)
        502621.98   3634875.90       23.15480  (20021724)                502671.98
3634875.90       26.13202  (20021724)
        504771.98   3634875.90       11.63894  (21071520)                504821.98
3634875.90       43.84279  (20010802)
        504871.98   3634875.90       54.13309  (19022007)                504921.98
3634875.90       50.14993  (20121617)
        504971.98   3634875.90       43.07458  (20121617)                505021.98
3634875.90       37.37634  (20082024)
        505071.98   3634875.90       33.25945  (20082024)                505121.98
3634875.90       32.96994  (19030607)
        505171.98   3634875.90       31.33677  (19030607)                505221.98
3634875.90       29.76892  (19030607)
        502221.98   3634925.90       12.08304  (19050903)                502271.98
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        502321.98   3634925.90       13.22644  (19120120)                502371.98
3634925.90       14.27088  (20021724)
        502421.98   3634925.90       16.39748  (20021724)                502471.98
3634925.90       18.66241  (20021724)
        502521.98   3634925.90       21.05235  (20021724)                502571.98
3634925.90       23.45681  (20021724)
        502621.98   3634925.90       26.75299  (21011719)                502671.98
3634925.90       33.36769  (21011719)
        504771.98   3634925.90       14.83135  (21071520)                504821.98
3634925.90       45.98199  (20011806)
        504871.98   3634925.90       58.92879  (20010802)                504921.98
3634925.90       57.01430  (20082106)
        504971.98   3634925.90       47.43093  (20082106)                505021.98
3634925.90       36.74409  (20041202)
        505071.98   3634925.90       32.95510  (20072505)                505121.98
3634925.90       31.93261  (20082024)
        505171.98   3634925.90       30.64900  (20082024)                505221.98
3634925.90       29.61610  (20082024)
        502221.98   3634975.90       12.22502  (19120120)                502271.98
3634975.90       13.51247  (20021724)
        502321.98   3634975.90       15.32965  (20021724)                502371.98
3634975.90       17.26069  (20021724)
        502421.98   3634975.90       19.24578  (20021724)                502471.98
3634975.90       21.21077  (20021724)
        502521.98   3634975.90       24.21533  (21011719)                502571.98
3634975.90       29.70629  (21011719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES  ***
INCLUDING SOURCE(S):  L0000310  , L0000311  , L0000312  , L0000313  , L0000314  ,
L0000315  , L0000316  , L0000317  , L0000318  , L0000319  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 35.02086 | (21011719) | 502671.98 | 3634975.90 | 39.38160 | (21011719) |
| 504821.98 | 3634975.90 | 45.28325 | (20011806) | 504871.98 | 3634975.90 | 53.50424 | (21122806) |
| 504921.98 | 3634975.90 | 54.60061 | (20092620) | 504971.98 | 3634975.90 | 53.88824 | (20082106) |
| 505021.98 | 3634975.90 | 45.27900 | (20082106) | 505071.98 | 3634975.90 | 36.84075 | (20082106) |
| 505121.98 | 3634975.90 | 34.19264 | (20041202) | 505171.98 | 3634975.90 | 32.71653 | (20041202) |
| 505221.98 | 3634975.90 | 31.01706 | (20082024) | 502221.98 | 3635025.90 | 14.36046 | (20021724) |
| 502271.98 | 3635025.90 | 16.01262 | (20021724) | 502321.98 | 3635025.90 | 17.68174 | (20021724) |
| 502371.98 | 3635025.90 | 19.31734 | (20021724) | 502421.98 | 3635025.90 | 22.04911 | (21011719) |
| 502471.98 | 3635025.90 | 26.68503 | (21011719) | 502521.98 | 3635025.90 | 31.14936 | (21011719) |
| 502571.98 | 3635025.90 | 34.84569 | (21011719) | 502621.98 | 3635025.90 | 37.11686 | (21011719) |
| 502671.98 | 3635025.90 | 37.36636 | (21011719) | 504871.98 | 3635025.90 | 55.28951 | (19030707) |
| 504921.98 | 3635025.90 | 59.20396 | (20092620) | 504971.98 | 3635025.90 | 56.14992 | (20092620) |
| 505021.98 | 3635025.90 | 46.79901 | (20082106) | 505071.98 | 3635025.90 | 44.43809 | (20082106) |
| 505121.98 | 3635025.90 | 43.72386 | (20082106) | 505171.98 | 3635025.90 | 39.32352 | (20082106) |
| 505221.98 | 3635025.90 | 33.29583 | (20041202) | 502221.98 | 3635075.90 | 16.30707 | (20021724) |

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        502271.98   3635075.90       17.68760  (20021724)               502321.98
3635075.90       20.17801  (21011719)
        502371.98   3635075.90       24.13778  (21011719)               502421.98
3635075.90       27.93302  (21011719)
        502471.98   3635075.90       31.11128  (21011719)               502521.98
3635075.90       33.16506  (21011719)
        502571.98   3635075.90       33.63437  (21011719)               502621.98
3635075.90       32.23867  (21011719)
        502671.98   3635075.90       29.01158  (21011719)               504921.98
3635075.90       58.15774  (19030707)
        504971.98   3635075.90       57.01196  (20092620)               505021.98
3635075.90       53.13798  (20082302)
        505071.98   3635075.90       48.15418  (20082302)               505121.98
3635075.90       45.59111  (20082106)
        505171.98   3635075.90       45.36797  (20082106)               505221.98
3635075.90       42.56443  (20082106)
        502221.98   3635125.90       18.54969  (21011719)               502271.98
3635125.90       21.96843  (21011719)
        502321.98   3635125.90       25.23300  (21011719)               502371.98
3635125.90       27.99285  (21011719)
        502421.98   3635125.90       29.84988  (21011719)               502471.98
3635125.90       30.44016  (21011719)
        502521.98   3635125.90       29.53041  (21011719)               502571.98
3635125.90       27.09476  (21011719)
        502621.98   3635125.90       27.49116  (20022207)               502671.98
3635125.90       31.43948  (20022207)
        505021.98   3635125.90       50.34920  (20092620)               505071.98
3635125.90       53.59851  (20092620)
        505121.98   3635125.90       49.48602  (20092620)               505171.98
3635125.90       42.20341  (20092620)
        505221.98   3635125.90       41.51463  (20082106)               502221.98
3635175.90       22.93659  (21011719)
        502271.98   3635175.90       25.36086  (21011719)               502321.98
3635175.90       27.04220  (21011719)
        502371.98   3635175.90       27.69984  (21011719)               502421.98
3635175.90       27.12992  (21011719)
        502471.98   3635175.90       25.28410  (21011719)               502521.98
3635175.90       23.45675  (20022207)
        502571.98   3635175.90       27.07541  (20022207)               502621.98
3635175.90       30.21141  (20022207)
        502671.98   3635175.90       32.43013  (20022207)               505121.98
3635175.90       41.19034  (19030707)
        505171.98   3635175.90       38.47209  (19030707)               505221.98
3635175.90       38.15420  (20092620)
        502221.98   3635225.90       24.63764  (21011719)               502271.98
3635225.90       25.33235  (21011719)
        502321.98   3635225.90       25.00970  (21011719)               502371.98
3635225.90       23.61270  (21011719)
        502421.98   3635225.90       21.23146  (21011719)               502471.98
3635225.90       23.39877  (20022207)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 ,
L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 26.38938 | (20022207) | 502571.98 | 3635225.90 | 28.79259 | (20022207) |
| 502621.98 | 3635225.90 | 30.25561 | (20022207) | 502671.98 | 3635225.90 | 30.48516 | (20022207) |
| 502221.98 | 3635275.90 | 23.11161 | (21011719) | 502271.98 | 3635275.90 | 22.07018 | (21011719) |
| 502321.98 | 3635275.90 | 20.15301 | (21011719) | 502371.98 | 3635275.90 | 20.29603 | (20022207) |
| 502421.98 | 3635275.90 | 23.07875 | (20022207) | 502471.98 | 3635275.90 | 25.48854 | (20022207) |
| 502521.98 | 3635275.90 | 27.23452 | (20022207) | 502571.98 | 3635275.90 | 28.10236 | (20022207) |
| 502621.98 | 3635275.90 | 27.82236 | (20022207) | 502671.98 | 3635275.90 | 28.57187 | (21012023) |
| 502221.98 | 3635325.90 | 32.21438 | (21011719) | 502271.98 | 3635325.90 | 17.69384 | (20022207) |
| 502321.98 | 3635325.90 | 20.23619 | (20022207) | 502371.98 | 3635325.90 | 22.55792 | (20022207) |
| 502421.98 | 3635325.90 | 31.54044 | (20022207) | 502471.98 | 3635325.90 | 33.17380 | (20022207) |
| 502521.98 | 3635325.90 | 30.31477 | (20022207) | 502571.98 | 3635325.90 | 25.36533 | (20022207) |
| 502621.98 | 3635325.90 | 26.91462 | (21012023) | 502671.98 | 3635325.90 | 27.88435 | (21012023) |
| 502221.98 | 3635375.90 | 31.99426 | (21040223) | 502271.98 | | | |

3635375.90 20.00204 (20022207)
502321.98 3635375.90 26.58841 (20022207) 502371.98
3635375.90 32.31051 (21031323)
502421.98 3635375.90 37.12548 (19012005) 502471.98
3635375.90 39.38442 (19012005)
502521.98 3635375.90 31.57847 (21012023) 502571.98
3635375.90 27.73753 (21012023)
502621.98 3635375.90 25.93278 (21012023) 502671.98
3635375.90 25.27151 (21012023)
502221.98 3635425.90 33.44341 (21052423) 502271.98
3635425.90 24.97825 (20022207)
502321.98 3635425.90 30.71602 (19012005) 502371.98
3635425.90 33.92871 (19012005)
502421.98 3635425.90 35.56854 (19012005) 502471.98
3635425.90 37.12831 (20071201)
502521.98 3635425.90 36.82722 (21012023) 502571.98
3635425.90 36.04832 (21012023)
502621.98 3635425.90 33.48082 (21012023) 502671.98
3635425.90 32.69960 (20122721)
504771.98 3635425.90 20.10749 (21012617) 502221.98
3635475.90 31.24456 (21031323)
502271.98 3635475.90 31.83643 (19012005) 502321.98
3635475.90 33.63085 (19012005)
502371.98 3635475.90 33.64882 (19012005) 502421.98
3635475.90 35.28338 (20071201)
502471.98 3635475.90 38.95076 (20071201) 502521.98
3635475.90 34.69890 (21012023)
502571.98 3635475.90 31.55476 (21012023) 502621.98
3635475.90 32.10246 (20122721)
502671.98 3635475.90 36.94767 (20070801) 504771.98
3635475.90 45.68982 (21122618)
504821.98 3635475.90 47.05421 (21122618) 504871.98
3635475.90 45.01239 (21122618)
504921.98 3635475.90 36.57330 (21122618) 502221.98
3635525.90 39.10287 (19012005)
502271.98 3635525.90 33.54934 (19012005) 502321.98
3635525.90 33.10598 (19083024)
502371.98 3635525.90 32.79103 (20071201) 502421.98
3635525.90 33.96718 (21012023)
502471.98 3635525.90 34.49013 (21072005) 502521.98
3635525.90 31.21671 (21072005)
502571.98 3635525.90 34.10128 (21110406) 502621.98
3635525.90 37.52685 (20070801)
502671.98 3635525.90 39.29873 (20070801) 502721.98
3635525.90 43.83969 (20070802)
502771.98 3635525.90 48.53953 (20070802) 502821.98
3635525.90 48.16207 (19100620)
502871.98 3635525.90 50.71881 (19091321) 502921.98
3635525.90 54.28134 (19091321)
502971.98 3635525.90 57.58959 (20042421) 503021.98

3635525.90  59.13581  (20042421)
  503071.98  3635525.90  46.48167  (20042421)  503121.98
3635525.90  24.36608  (19121706)
  503171.98  3635525.90  20.61377  (19020322)  503221.98
3635525.90  50.64934  (20091222)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 ,
L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 55.26432 | (19111601) | 503321.98 | 3635525.90 | 56.68039 | (20033120) |
| 503371.98 | 3635525.90 | 62.36492 | (20033120) | 503421.98 | 3635525.90 | 67.27759 | (20101023) |
| 503471.98 | 3635525.90 | 67.02155 | (21061224) | 503521.98 | 3635525.90 | 76.38415 | (19031924) |
| 503571.98 | 3635525.90 | 64.86242 | (20090823) | 503621.98 | 3635525.90 | 57.62977 | (21081004) |
| 503671.98 | 3635525.90 | 57.43795 | (19101219) | 503721.98 | 3635525.90 | 58.21030 | (19101219) |
| 503771.98 | 3635525.90 | 64.67535 | (20071102) | 503821.98 | 3635525.90 | 55.54168 | (20071102) |
| 503871.98 | 3635525.90 | 54.42674 | (19013104) | 503921.98 | 3635525.90 | 72.14673 | (19122420) |
| 503971.98 | 3635525.90 | 73.39911 | (19122420) | 504021.98 | 3635525.90 | 58.22123 | (20092001) |
| 504071.98 | 3635525.90 | 24.20225 | (21013118) | 504121.98 | 3635525.90 | 29.37581 | (21013118) |
| 504171.98 | 3635525.90 | 31.14937 | (21013118) | 504221.98 | 3635525.90 | 29.06011 | (21013118) |

504271.98 3635525.90 23.97903 (21013118) 504321.98
3635525.90 17.69293 (21013118)
504371.98 3635525.90 11.81311 (21013118) 504421.98
3635525.90 9.92393 (20040223)
504471.98 3635525.90 12.36296 (20040223) 504521.98
3635525.90 14.44321 (20040223)
504571.98 3635525.90 17.75766 (20011620) 504621.98
3635525.90 20.53599 (20011620)
504671.98 3635525.90 22.16886 (20011620) 504721.98
3635525.90 44.21072 (21090701)
504771.98 3635525.90 41.48645 (21090701) 504821.98
3635525.90 44.91488 (21122618)
504871.98 3635525.90 47.68278 (21122618) 504921.98
3635525.90 41.08805 (21122618)
504971.98 3635525.90 35.42793 (21122618) 505021.98
3635525.90 33.71289 (20091421)
505071.98 3635525.90 27.49443 (21012617) 505121.98
3635525.90 32.24016 (19102623)
505171.98 3635525.90 33.98006 (19102623) 505221.98
3635525.90 32.31876 (19102623)
502221.98 3635575.90 38.26482 (19083024) 502271.98
3635575.90 33.50224 (20071201)
502321.98 3635575.90 32.29990 (20071201) 502371.98
3635575.90 32.43878 (21012023)
502421.98 3635575.90 33.24007 (21072005) 502471.98
3635575.90 31.76091 (21110406)
502521.98 3635575.90 33.12567 (21110406) 502571.98
3635575.90 35.38936 (20070801)
502621.98 3635575.90 36.70347 (20070801) 502671.98
3635575.90 41.40372 (20070802)
502721.98 3635575.90 47.04161 (20070802) 502771.98
3635575.90 46.46306 (19100620)
502821.98 3635575.90 48.19444 (19091321) 502871.98
3635575.90 53.33192 (19091321)
502921.98 3635575.90 53.78653 (20042421) 502971.98
3635575.90 60.05295 (20042421)
503021.98 3635575.90 54.24526 (20042421) 503071.98
3635575.90 50.32428 (20110924)
503121.98 3635575.90 20.64628 (19121706) 503171.98
3635575.90 20.52202 (19020322)
503221.98 3635575.90 62.35824 (20091222) 503271.98
3635575.90 59.75540 (19111601)
503321.98 3635575.90 65.86471 (20033120) 503371.98
3635575.90 67.71066 (19071201)
503421.98 3635575.90 70.94008 (20101023) 503471.98
3635575.90 65.94397 (21061224)
503521.98 3635575.90 71.73011 (19031924) 503571.98
3635575.90 66.47200 (20090823)
503621.98 3635575.90 64.11479 (21081004) 503671.98
3635575.90 62.06158 (19101219)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 28.47588 | (21013118) | 504271.98 | 3635575.90 | 24.70208 | (21013118) |
| 504321.98 | 3635575.90 | 19.18846 | (21013118) | 504371.98 | 3635575.90 | 13.48845 | (21013118) |
| 504421.98 | 3635575.90 | 8.72160 | (19031219) | 504471.98 | 3635575.90 | 10.18225 | (20040223) |
| 504521.98 | 3635575.90 | 12.32348 | (20040223) | 504571.98 | 3635575.90 | 14.38857 | (20011620) |
| 504621.98 | 3635575.90 | 17.44320 | (20011620) | 504671.98 | 3635575.90 | 19.76796 | (20011620) |
| 504721.98 | 3635575.90 | 26.96106 | (20011620) | 504771.98 | 3635575.90 | 41.15207 | (21090701) |
| 504821.98 | 3635575.90 | 39.78972 | (21090701) | 504871.98 | 3635575.90 | 42.26274 | (21122618) |
| 504921.98 | 3635575.90 | 29.31037 | (21122618) | 504971.98 | | | |

3635575.90 40.60183 (21122618)
505021.98 3635575.90 35.38887 (21122618) 505071.98
3635575.90 32.17362 (20091421)
505121.98 3635575.90 30.55818 (20091421) 505171.98
3635575.90 29.11644 (19102623)
505221.98 3635575.90 34.98660 (19102623) 502221.98
3635625.90 35.55253 (20071201)
502271.98 3635625.90 36.21402 (20071201) 502321.98
3635625.90 33.67965 (21072005)
502371.98 3635625.90 31.48619 (21072005) 502421.98
3635625.90 34.44845 (21110406)
502471.98 3635625.90 37.42374 (21110406) 502521.98
3635625.90 39.24996 (20070801)
502571.98 3635625.90 36.14753 (20070801) 502621.98
3635625.90 37.18568 (20070802)
502671.98 3635625.90 44.17077 (20070802) 502721.98
3635625.90 45.06263 (19100620)
502771.98 3635625.90 46.20603 (20111121) 502821.98
3635625.90 52.06475 (19091321)
502871.98 3635625.90 52.52912 (21061223) 502921.98
3635625.90 57.76178 (20042421)
502971.98 3635625.90 55.40053 (20042421) 503021.98
3635625.90 48.78578 (20110924)
503071.98 3635625.90 57.85864 (20110924) 503121.98
3635625.90 56.27508 (19073101)
503171.98 3635625.90 58.25687 (20091222) 503221.98
3635625.90 56.61121 (19111601)
503271.98 3635625.90 53.42747 (20033120) 503321.98
3635625.90 61.41629 (20033120)
503371.98 3635625.90 65.34877 (20101023) 503421.98
3635625.90 63.86657 (20101023)
503471.98 3635625.90 60.68088 (20120224) 503521.98
3635625.90 59.50938 (20090823)
503571.98 3635625.90 59.14329 (20090823) 503621.98
3635625.90 68.46409 (21081004)
503671.98 3635625.90 67.78243 (19101219) 503721.98
3635625.90 60.83208 (19101219)
503771.98 3635625.90 65.58359 (20071102) 503821.98
3635625.90 52.58024 (20071102)
503871.98 3635625.90 48.45049 (21061222) 503921.98
3635625.90 60.85869 (19122420)
503971.98 3635625.90 66.48608 (19122420) 504021.98
3635625.90 18.00395 (21041323)
504071.98 3635625.90 18.35466 (21013118) 504121.98
3635625.90 23.70007 (21013118)
504171.98 3635625.90 27.08904 (21013118) 504221.98
3635625.90 27.50025 (21013118)
504271.98 3635625.90 24.94100 (21013118) 504321.98
3635625.90 20.34224 (21013118)
504371.98 3635625.90 15.02022 (21013118) 504421.98

3635625.90       10.15451  (21013118)
        504471.98   3635625.90        8.26019  (20040223)                504521.98
3635625.90       10.33032  (20040223)
        504571.98   3635625.90       12.20111  (20040223)                504621.98
3635625.90       14.39616  (20011620)
        504671.98   3635625.90       17.06998  (20011620)                504721.98
3635625.90       18.99610  (20011620)
        504771.98   3635625.90       37.59530  (21090701)                504821.98
3635625.90       40.15998  (21090701)
        504871.98   3635625.90       36.08471  (21081602)                504921.98
3635625.90       24.91193  (21122618)
        504971.98   3635625.90       41.92580  (21122618)                505021.98
3635625.90       25.04285  (21122618)
        505071.98   3635625.90       21.16942  (21012617)                505121.98
3635625.90       30.93438  (20091421)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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        502621.98   3635675.90       42.02555  (20070802)              502671.98
3635675.90       42.52946  (20070802)
        502721.98   3635675.90       43.90131  (20111121)              502771.98
3635675.90       47.81340  (19091321)
        502821.98   3635675.90       48.36413  (19071423)              502871.98
3635675.90       51.79861  (20042421)
        502921.98   3635675.90       48.99403  (19121706)              502971.98
3635675.90       46.70704  (19121706)
        503021.98   3635675.90       43.69740  (20110924)              503071.98
3635675.90       45.21414  (20110924)
        503121.98   3635675.90       44.30598  (19073101)              503171.98
3635675.90       44.94672  (20091222)
        503221.98   3635675.90       45.32237  (19111601)              503271.98
3635675.90       47.30304  (20033120)
        503321.98   3635675.90       49.22797  (19071201)              503371.98
3635675.90       55.02142  (20101023)
        503421.98   3635675.90       55.97385  (20120224)              503471.98
3635675.90       57.28717  (20120224)
        503521.98   3635675.90       53.05334  (20090823)              503571.98
3635675.90       55.13372  (21081004)
        503621.98   3635675.90       64.18608  (21081004)              503671.98
3635675.90       65.49408  (19101219)
        503721.98   3635675.90       58.46265  (19021305)              503771.98
3635675.90       64.26020  (20071102)
        503821.98   3635675.90       52.45069  (20071102)              503871.98
3635675.90       50.36302  (21061222)
        503921.98   3635675.90       59.84065  (19122420)              503971.98
3635675.90       65.86388  (19122420)
        504021.98   3635675.90       46.51966  (19122420)              504071.98
3635675.90       15.91615  (21013118)
        504121.98   3635675.90       21.10091  (21013118)              504171.98
3635675.90       24.90456  (21013118)
        504221.98   3635675.90       26.23932  (21013118)              504271.98
3635675.90       24.78917  (21013118)
        504321.98   3635675.90       21.12518  (21013118)              504371.98
3635675.90       16.34388  (21013118)
        504421.98   3635675.90       11.57177  (21013118)              504471.98
3635675.90        7.80084  (19031219)
        504521.98   3635675.90        8.52346  (20040223)              504571.98
3635675.90       10.39123  (20040223)
        504621.98   3635675.90       11.99758  (20040223)              504671.98
3635675.90       14.32004  (20011620)
        504721.98   3635675.90       16.64146  (20011620)              504771.98
3635675.90       35.25590  (21090701)
        504821.98   3635675.90       37.17815  (21090701)              504871.98
3635675.90       36.75992  (21090701)
        504921.98   3635675.90       21.85131  (20011620)              504971.98
3635675.90       38.77618  (21122618)
        505021.98   3635675.90       38.72070  (21122618)              505071.98
3635675.90       26.30998  (21122618)
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        505121.98   3635675.90       32.54555  (21122618)               505171.98
3635675.90       29.40726  (20091421)
        505221.98   3635675.90       23.77705  (20091421)               502221.98
3635725.90       33.36091  (21012023)
        502271.98   3635725.90       29.95645  (21072005)               502321.98
3635725.90       31.58172  (20121101)
        502371.98   3635725.90       33.79139  (21110406)               502421.98
3635725.90       35.35664  (20070801)
        502471.98   3635725.90       34.39466  (20070801)               502521.98
3635725.90       34.99433  (20070802)
        502571.98   3635725.90       40.22526  (20070802)               502621.98
3635725.90       40.71807  (20070802)
        502671.98   3635725.90       41.47174  (20111121)               502721.98
3635725.90       45.11386  (19091321)
        502771.98   3635725.90       45.96498  (19091321)               502821.98
3635725.90       46.97566  (20042421)
        502871.98   3635725.90       49.27144  (20042421)               502921.98
3635725.90       47.44732  (19121706)
        502971.98   3635725.90       40.16191  (19121706)               503021.98
3635725.90       39.72826  (21100523)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 860
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503071.98   3635725.90       40.28827  (21021621)               503121.98
3635725.90       43.85534  (21021621)
        503171.98   3635725.90       42.09884  (21112718)               503221.98
3635725.90       42.30617  (19050823)
        503271.98   3635725.90       43.80694  (19050823)               503321.98
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3635725.90 45.39067 (21100603)
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3635725.90 37.05817 (21122618)
505171.98 3635725.90 31.10883 (21122618) 505221.98
3635725.90 27.41068 (20091421)
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3635775.90 30.93293 (20122721)
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3635775.90 32.75261 (20070802)
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3635775.90 38.95826 (20070802)
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3635775.90 41.35831 (19091321)
502721.98 3635775.90 44.75564 (19091321) 502771.98

3635775.90       44.18109  (19071423)
        502821.98   3635775.90       47.92142  (20042421)                502871.98
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        502921.98   3635775.90       41.69163  (19121706)                502971.98
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        503021.98   3635775.90       38.67958  (21100523)                503071.98
3635775.90       41.79179  (21021621)
        503121.98   3635775.90       41.32930  (21021621)                503171.98
3635775.90       40.23643  (21112718)
        503221.98   3635775.90       46.17994  (19050823)                503271.98
3635775.90       44.01148  (19050823)
        503321.98   3635775.90       47.97593  (21100603)                503371.98
3635775.90       47.41855  (20120224)
        503421.98   3635775.90       54.98968  (20120224)                503471.98
3635775.90       49.31754  (19072124)
        503521.98   3635775.90       47.47579  (21021806)                503571.98
3635775.90       48.12536  (21021806)
        503621.98   3635775.90       47.17485  (21081004)                503671.98
3635775.90       56.55492  (19101219)
        503721.98   3635775.90       52.87328  (19021305)                503771.98
3635775.90       57.34463  (20071102)
        503821.98   3635775.90       48.35841  (20071102)                503871.98
3635775.90       49.35214  (21061222)
        503921.98   3635775.90       53.76261  (19013104)                503971.98
3635775.90       64.61743  (19122420)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

504021.98 3635775.90 52.79204 (19122420) 504071.98 3635775.90 52.67982 (20092001)
504121.98 3635775.90 49.22863 (20092001) 504171.98 3635775.90 47.26354 (21060422)
504221.98 3635775.90 45.24339 (21060422) 504271.98 3635775.90 41.50386 (19012903)
504321.98 3635775.90 41.53089 (20121721) 504371.98 3635775.90 25.84564 (20121721)
504421.98 3635775.90 14.05146 (21013118) 504471.98 3635775.90 26.19625 (20092821)
504521.98 3635775.90 38.72110 (19022602) 504571.98 3635775.90 7.21225 (20040223)
504621.98 3635775.90 31.95153 (21121422) 504671.98 3635775.90 20.67581 (21121422)
504721.98 3635775.90 11.78391 (20011620) 504771.98 3635775.90 13.97391 (20011620)
504821.98 3635775.90 15.69590 (20011620) 504871.98 3635775.90 16.74713 (20011620)
504921.98 3635775.90 21.83003 (20011620) 504971.98 3635775.90 34.23297 (21090701)
505021.98 3635775.90 33.62633 (21081602) 505071.98 3635775.90 34.51205 (21122618)
505121.98 3635775.90 37.03162 (21122618) 505171.98 3635775.90 34.84966 (21122618)
505221.98 3635775.90 29.62158 (21122618) 502221.98 3635825.90 32.91426 (20122721)
502271.98 3635825.90 31.51532 (20122721) 502321.98 3635825.90 31.01265 (20070801)
502371.98 3635825.90 30.93840 (20070801) 502421.98 3635825.90 30.51567 (20070802)
502471.98 3635825.90 35.16651 (20070802) 502521.98 3635825.90 36.37710 (20070802)
502571.98 3635825.90 36.19008 (21121424) 502621.98 3635825.90 38.04045 (19091321)
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502871.98 3635825.90 40.88852 (19121706) 502921.98 3635825.90 33.96263 (19121706)
502971.98 3635825.90 35.80415 (21100523) 503021.98 3635825.90 38.39822 (21021621)
503071.98 3635825.90 41.18571 (21021621) 503121.98 3635825.90 40.24046 (21112718)
503171.98 3635825.90 40.86278 (19050823) 503221.98 3635825.90 44.40694 (19050823)
503271.98 3635825.90 44.16241 (21100603) 503321.98 3635825.90 45.12847 (21100603)
503371.98 3635825.90 48.67671 (20120224) 503421.98 3635825.90 52.35174 (20120224)

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        503471.98   3635825.90       47.85601  (19072124)                503521.98
3635825.90       43.07763  (19051001)
        503571.98   3635825.90       46.51054  (19051001)                503621.98
3635825.90       41.73443  (19080922)
        503671.98   3635825.90       47.69302  (19101219)                503721.98
3635825.90       47.82243  (21041324)
        503771.98   3635825.90       53.95957  (20071102)                503821.98
3635825.90       45.43214  (20071102)
        503871.98   3635825.90       45.58342  (21061222)                503921.98
3635825.90       50.54635  (19013104)
        503971.98   3635825.90       60.05447  (19122420)                504021.98
3635825.90       56.12440  (19122420)
        504071.98   3635825.90       51.85538  (20092001)                504121.98
3635825.90       57.44004  (20092001)
        504171.98   3635825.90       51.19936  (21060422)                504221.98
3635825.90       50.09258  (21060422)
        504271.98   3635825.90       45.70755  (21070824)                504321.98
3635825.90       44.91030  (19012903)
        504371.98   3635825.90       45.01111  (20121721)                504421.98
3635825.90       41.51811  (20121721)
        504471.98   3635825.90       39.70934  (20092821)                504521.98
3635825.90       37.60911  (19022602)
        504571.98   3635825.90       38.09863  (19022602)                504621.98
3635825.90       35.34885  (19022602)
        504671.98   3635825.90       27.37794  (21121422)                504721.98
3635825.90       10.17396  (20040223)
        504771.98   3635825.90       11.78762  (20011620)                504821.98
3635825.90       17.48346  (20011620)
        504871.98   3635825.90       25.09326  (21090701)                504921.98
3635825.90       24.73471  (21090701)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 862
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 32.36642 | (21090701) | 505021.98 | 3635825.90 | 31.71741 | (21090701) |
| 505071.98 | 3635825.90 | 31.34092 | (21081602) | 505121.98 | 3635825.90 | 34.31199 | (21122618) |
| 505171.98 | 3635825.90 | 35.95827 | (21122618) | 505221.98 | 3635825.90 | 33.72433 | (21122618) |
| 502221.98 | 3635875.90 | 33.18935 | (20122721) | 502271.98 | 3635875.90 | 29.47123 | (20122721) |
| 502321.98 | 3635875.90 | 28.66328 | (20070801) | 502371.98 | 3635875.90 | 28.94486 | (20070802) |
| 502421.98 | 3635875.90 | 32.82989 | (20070802) | 502471.98 | 3635875.90 | 34.51852 | (20070802) |
| 502521.98 | 3635875.90 | 35.18637 | (21121424) | 502571.98 | 3635875.90 | 35.87873 | (21121424) |
| 502621.98 | 3635875.90 | 37.57308 | (19091321) | 502671.98 | 3635875.90 | 38.18868 | (19071423) |
| 502721.98 | 3635875.90 | 41.24318 | (20042421) | 502771.98 | 3635875.90 | 43.24990 | (20042421) |
| 502821.98 | 3635875.90 | 39.99919 | (19121706) | 502871.98 | 3635875.90 | 35.51381 | (19121706) |
| 502921.98 | 3635875.90 | 35.11146 | (21100523) | 502971.98 | 3635875.90 | 34.77462 | (21100523) |
| 503021.98 | 3635875.90 | 39.07900 | (21021621) | 503071.98 | 3635875.90 | 38.38858 | (21021621) |
| 503121.98 | 3635875.90 | 38.60315 | (21112718) | 503171.98 | 3635875.90 | 41.71180 | (19050823) |
| 503221.98 | 3635875.90 | 41.80524 | (19050823) | 503271.98 | 3635875.90 | 43.88035 | (21100603) |
| 503321.98 | 3635875.90 | 41.51903 | (21100603) | 503371.98 | 3635875.90 | 48.73584 | (20120224) |
| 503421.98 | 3635875.90 | 48.72303 | (20120224) | 503471.98 | 3635875.90 | 45.86640 | (19072124) |
| 503521.98 | 3635875.90 | 41.64020 | (19051001) | 503571.98 | 3635875.90 | 44.39282 | (19051001) |
| 503621.98 | 3635875.90 | 39.63570 | (19080922) | 503671.98 | 3635875.90 | 45.55462 | (19101219) |
| 503721.98 | 3635875.90 | 46.17223 | (21012024) | 503771.98 | 3635875.90 | 49.96879 | (20071102) |
| 503821.98 | 3635875.90 | 42.09235 | (20071102) | 503871.98 | 3635875.90 | 39.45628 | (21061222) |
| 503921.98 | 3635875.90 | 46.07095 | (19013104) | 503971.98 | 3635875.90 | 55.89391 | (19122420) |
| 504021.98 | 3635875.90 | 56.89405 | (19122420) | 504071.98 | 3635875.90 | 49.23727 | (21062624) |
| 504121.98 | 3635875.90 | 54.47592 | (20092001) | 504171.98 | | | |

3635875.90       50.08139  (21060422)
        504221.98   3635875.90       53.17847  (21060422)                504271.98
3635875.90       44.51627  (21070824)
        504321.98   3635875.90       46.57479  (19012903)                504371.98
3635875.90       48.17711  (20121721)
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        504521.98   3635875.90       37.89920  (20092821)                504571.98
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        504621.98   3635875.90       37.89883  (19022602)                504671.98
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3635875.90       30.90696  (21090701)
        505021.98   3635875.90       31.17943  (21090701)                505071.98
3635875.90       29.10094  (21090701)
        505121.98   3635875.90       29.64556  (21122618)                505171.98
3635875.90       33.44781  (21122618)
        505221.98   3635875.90       34.86679  (21122618)                502221.98
3635925.90       30.79670  (20122721)
        502271.98   3635925.90       28.50600  (19031105)                502321.98
3635925.90       27.23831  (20040823)
        502371.98   3635925.90       31.32657  (20070802)                502421.98
3635925.90       32.50059  (20070802)
        502471.98   3635925.90       33.24004  (21121424)                502521.98
3635925.90       35.50454  (21121424)
        502571.98   3635925.90       34.21266  (19091321)                502621.98
3635925.90       34.62395  (19071423)
        502671.98   3635925.90       36.35814  (20042421)                502721.98
3635925.90       39.83250  (20042421)
        502771.98   3635925.90       38.52896  (19121706)                502821.98
3635925.90       36.35617  (19121706)


                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 32.98753 | (20110924) | 502921.98 | 3635925.90 | 34.47694 | (21100523) |
| 502971.98 | 3635925.90 | 35.50313 | (21021621) | 503021.98 | 3635925.90 | 38.03871 | (21021621) |
| 503071.98 | 3635925.90 | 37.38459 | (21112718) | 503121.98 | 3635925.90 | 37.08662 | (19050823) |
| 503171.98 | 3635925.90 | 41.18587 | (19050823) | 503221.98 | 3635925.90 | 39.34440 | (21100603) |
| 503271.98 | 3635925.90 | 42.38570 | (21100603) | 503321.98 | 3635925.90 | 39.51881 | (19080122) |
| 503371.98 | 3635925.90 | 48.13878 | (20120224) | 503421.98 | 3635925.90 | 44.66351 | (19072124) |
| 503471.98 | 3635925.90 | 41.94739 | (19072124) | 503521.98 | 3635925.90 | 40.96248 | (19051001) |
| 503571.98 | 3635925.90 | 42.13572 | (19051001) | 503621.98 | 3635925.90 | 36.84282 | (19080922) |
| 503671.98 | 3635925.90 | 43.14157 | (21041324) | 503721.98 | 3635925.90 | 45.01124 | (21041324) |
| 503771.98 | 3635925.90 | 43.56053 | (20071102) | 503821.98 | 3635925.90 | 38.29125 | (20071102) |
| 503871.98 | 3635925.90 | 37.76048 | (21061222) | 503921.98 | 3635925.90 | 43.38944 | (19013104) |
| 503971.98 | 3635925.90 | 51.72597 | (19122420) | 504021.98 | 3635925.90 | 54.68747 | (19122420) |
| 504071.98 | 3635925.90 | 47.47069 | (21062624) | 504121.98 | 3635925.90 | 50.03776 | (20092001) |
| 504171.98 | 3635925.90 | 47.94347 | (20092001) | 504221.98 | 3635925.90 | 47.61048 | (21060422) |
| 504271.98 | 3635925.90 | 44.70582 | (21060422) | 504321.98 | 3635925.90 | 43.06208 | (21070824) |
| 504371.98 | 3635925.90 | 46.70940 | (19012903) | 504421.98 | 3635925.90 | 51.14683 | (20121721) |
| 504471.98 | 3635925.90 | 48.20826 | (20121721) | 504521.98 | 3635925.90 | 45.13699 | (20092821) |
| 504571.98 | 3635925.90 | 36.67169 | (19022602) | 504621.98 | 3635925.90 | 36.69575 | (19022602) |
| 504671.98 | 3635925.90 | 35.20434 | (19022602) | 504721.98 | 3635925.90 | 35.12027 | (21121422) |
| 504771.98 | 3635925.90 | 32.34740 | (21121422) | 504821.98 | 3635925.90 | 10.45049 | (20011620) |

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        504871.98   3635925.90       14.48509  (20011620)                504921.98
3635925.90       18.17134  (20011620)
        504971.98   3635925.90       27.03987  (21090701)                505021.98
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        505071.98   3635925.90       32.56444  (21090701)                505121.98
3635925.90       29.07933  (21090701)
        505171.98   3635925.90       29.05211  (21122618)                505221.98
3635925.90       35.06586  (21122618)
        502221.98   3635975.90       29.83582  (19031105)                502271.98
3635975.90       27.67652  (19031105)
        502321.98   3635975.90       26.44787  (20070802)                502371.98
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        502421.98   3635975.90       31.95402  (21121424)                502471.98
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        502521.98   3635975.90       33.04128  (21121424)                502571.98
3635975.90       33.67878  (19091321)
        502621.98   3635975.90       33.40316  (19071423)                502671.98
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        502721.98   3635975.90       37.76132  (19121706)                502771.98
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        503021.98   3635975.90       35.56742  (21021621)                503071.98
3635975.90       35.88228  (21112718)
        503121.98   3635975.90       38.09813  (19050823)                503171.98
3635975.90       39.31321  (19050823)
        503221.98   3635975.90       39.70754  (21100603)                503271.98
3635975.90       40.02902  (21100603)
        503321.98   3635975.90       41.25498  (20120224)                503371.98
3635975.90       46.89335  (20120224)
        503421.98   3635975.90       43.06372  (19072124)                503471.98
3635975.90       38.45512  (20052321)
        503521.98   3635975.90       40.80853  (19051001)                503571.98
3635975.90       39.01571  (19051001)
        503621.98   3635975.90       35.96974  (19101219)                503671.98
3635975.90       42.39731  (21041324)
        503721.98   3635975.90       43.88667  (21041324)                503771.98
3635975.90       41.88494  (19072223)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 864
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
```

INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 35.92422 | (19072223) | 503871.98 | 3635975.90 | 34.94630 | (21061222) |
| 503921.98 | 3635975.90 | 40.59630 | (19013104) | 503971.98 | 3635975.90 | 48.21255 | (19122420) |
| 504021.98 | 3635975.90 | 51.04626 | (19122420) | 504071.98 | 3635975.90 | 42.49724 | (21062101) |
| 504121.98 | 3635975.90 | 42.57765 | (20092001) | 504171.98 | 3635975.90 | 41.66649 | (20092001) |
| 504221.98 | 3635975.90 | 40.59256 | (21060422) | 504271.98 | 3635975.90 | 41.91074 | (21060422) |
| 504321.98 | 3635975.90 | 42.83305 | (21013118) | 504371.98 | 3635975.90 | 40.48656 | (19012903) |
| 504421.98 | 3635975.90 | 43.26453 | (20121721) | 504471.98 | 3635975.90 | 46.93751 | (20121721) |
| 504521.98 | 3635975.90 | 45.42845 | (20092821) | 504571.98 | 3635975.90 | 41.65048 | (20092821) |
| 504621.98 | 3635975.90 | 42.56987 | (19022602) | 504671.98 | 3635975.90 | 43.32587 | (19022602) |
| 504721.98 | 3635975.90 | 38.89480 | (21121422) | 504771.98 | 3635975.90 | 38.22593 | (21121422) |
| 504821.98 | 3635975.90 | 31.87714 | (21121422) | 504871.98 | 3635975.90 | 24.80913 | (21121422) |
| 504921.98 | 3635975.90 | 22.27180 | (21061321) | 504971.98 | 3635975.90 | 24.47792 | (21061321) |
| 505021.98 | 3635975.90 | 27.69499 | (21090701) | 505071.98 | 3635975.90 | 31.20270 | (21090701) |
| 505121.98 | 3635975.90 | 30.97084 | (21090701) | 505171.98 | 3635975.90 | 28.58229 | (21081602) |
| 505221.98 | 3635975.90 | 28.35041 | (21122618) | 501721.98 | 3632475.90 | 2.96520 | (19010119) |
| 501821.98 | 3632475.90 | 2.88775 | (21030103) | 501921.98 | 3632475.90 | 4.34886 | (21030103) |
| 502021.98 | 3632475.90 | 6.11339 | (21030103) | 502121.98 | 3632475.90 | 7.89928 | (21030103) |
| 502221.98 | 3632475.90 | 9.25986 | (21030103) | 502321.98 | | | |

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3632475.90        9.72602  (21030103)
        502421.98   3632475.90       12.57178  (20121603)                502521.98
3632475.90       14.51113  (20121603)
        502621.98   3632475.90       14.10741  (20121603)                502721.98
3632475.90       11.57868  (21063005)
        502821.98   3632475.90       11.77289  (21063005)                502921.98
3632475.90       19.38776  (20102407)
        503021.98   3632475.90       24.48820  (20082723)                503121.98
3632475.90       25.80002  (19050103)
        503221.98   3632475.90       37.99081  (19081924)                503321.98
3632475.90       29.67430  (21092304)
        503421.98   3632475.90       33.75350  (19101521)                503721.98
3632475.90       35.75468  (21020203)
        503821.98   3632475.90       35.65008  (20082921)                503921.98
3632475.90       27.61408  (20082921)
        504021.98   3632475.90       24.42927  (20080820)                504121.98
3632475.90       25.68315  (20022622)
        504221.98   3632475.90       25.43908  (21011302)                504321.98
3632475.90       25.40175  (21022205)
        504421.98   3632475.90       26.32060  (20022403)                504521.98
3632475.90       24.41984  (20052501)
        504621.98   3632475.90       23.43217  (20042404)                504721.98
3632475.90       23.04387  (20112701)
        504821.98   3632475.90       22.80606  (20112022)                504921.98
3632475.90       22.75504  (21011323)
        505021.98   3632475.90       22.24997  (20011902)                505121.98
3632475.90       21.80217  (19022705)
        505221.98   3632475.90       20.88109  (20121007)                505321.98
3632475.90       20.44270  (21011520)
        505421.98   3632475.90       19.77694  (21010522)                505521.98
3632475.90       19.24142  (20122923)
        505621.98   3632475.90       18.09454  (20100121)                505721.98
3632475.90       18.64108  (21022502)
        501721.98   3632575.90        3.63610  (19010119)                501821.98
3632575.90        3.26698  (19010119)
        501921.98   3632575.90        3.18643  (21030103)                502021.98
3632575.90        4.84699  (21030103)
        502121.98   3632575.90        6.83761  (21030103)                502221.98
3632575.90        8.79723  (21030103)
        502321.98   3632575.90       10.17184  (21030103)                502421.98
3632575.90       11.08420  (20121603)
        502521.98   3632575.90       14.41611  (20121603)                502621.98
3632575.90       15.78748  (20121603)
        502721.98   3632575.90       14.27569  (20121603)                502821.98
3632575.90       12.84688  (21063005)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES  ***
INCLUDING SOURCE(S):  L0000310  , L0000311  , L0000312  , L0000313  , L0000314  ,
L0000315  , L0000316  , L0000317  , L0000318  , L0000319  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 16.40081 | (20102407) | 503021.98 | 3632575.90 | 23.76724 | (20082723) |
| 503121.98 | 3632575.90 | 26.26908 | (20111701) | 503221.98 | 3632575.90 | 38.38444 | (19081924) |
| 503321.98 | 3632575.90 | 35.53543 | (19081924) | 503421.98 | 3632575.90 | 36.33097 | (19110606) |
| 503721.98 | 3632575.90 | 36.40508 | (21020203) | 503821.98 | 3632575.90 | 36.01562 | (20082921) |
| 503921.98 | 3632575.90 | 23.27291 | (20081802) | 504021.98 | 3632575.90 | 27.32909 | (19032124) |
| 504121.98 | 3632575.90 | 28.40232 | (21013120) | 504221.98 | 3632575.90 | 24.90153 | (21011302) |
| 504321.98 | 3632575.90 | 27.71911 | (21022205) | 504421.98 | 3632575.90 | 26.47209 | (21011620) |
| 504521.98 | 3632575.90 | 26.58894 | (21013021) | 504621.98 | 3632575.90 | 25.75292 | (21120723) |
| 504721.98 | 3632575.90 | 25.26357 | (20101423) | 504821.98 | 3632575.90 | 24.68539 | (21011323) |
| 504921.98 | 3632575.90 | 24.33978 | (21010102) | 505021.98 | 3632575.90 | 23.09910 | (21022803) |
| 505121.98 | 3632575.90 | 23.12792 | (21021820) | 505221.98 | 3632575.90 | 22.62288 | (21011520) |
| 505321.98 | 3632575.90 | 21.49510 | (21010522) | 505421.98 | 3632575.90 | 20.63811 | (20122923) |
| 505521.98 | 3632575.90 | 19.30208 | (20100121) | 505621.98 | 3632575.90 | 20.06902 | (21022502) |
| 505721.98 | 3632575.90 | 18.10085 | (21010602) | 501721.98 | 3632675.90 | 4.25500 | (19010119) |
| 501821.98 | 3632675.90 | 4.00755 | (19010119) | 501921.98 | 3632675.90 | 3.61473 | (19010119) |

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        502021.98   3632675.90        3.53234  (21030103)               502121.98
3632675.90        5.42994  (21030103)
        502221.98   3632675.90        7.68492  (21030103)               502321.98
3632675.90        9.83202  (21030103)
        502421.98   3632675.90       11.17973  (21030103)               502521.98
3632675.90       13.14873  (20121603)
        502621.98   3632675.90       16.37962  (20121603)               502721.98
3632675.90       16.82956  (20121603)
        502821.98   3632675.90       27.22687  (20092124)               502921.98
3632675.90       34.89572  (20092124)
        503021.98   3632675.90       28.60382  (20082723)               503721.98
3632675.90       38.26435  (21020203)
        503821.98   3632675.90       39.03242  (20082921)               503921.98
3632675.90       28.69676  (20081802)
        504021.98   3632675.90       29.95785  (19032124)               504121.98
3632675.90       31.41002  (21013120)
        504221.98   3632675.90       27.84639  (19102905)               504321.98
3632675.90       29.77194  (19121107)
        504421.98   3632675.90       29.86168  (21011620)               504521.98
3632675.90       26.58994  (21013021)
        504621.98   3632675.90       26.83458  (21120723)               504721.98
3632675.90       26.12876  (20112022)
        504821.98   3632675.90       26.18069  (21120804)               504921.98
3632675.90       25.50041  (20011902)
        505021.98   3632675.90       24.69517  (21021820)               505121.98
3632675.90       24.33299  (21011520)
        505221.98   3632675.90       23.08111  (21010522)               505321.98
3632675.90       22.05814  (20122923)
        505421.98   3632675.90       20.63527  (20100121)               505521.98
3632675.90       21.60029  (21022502)
        505621.98   3632675.90       19.53196  (21010602)               505721.98
3632675.90       19.96885  (20021702)
        502421.98   3632775.90       11.02022  (21030103)               502521.98
3632775.90       21.98529  (21030103)
        502621.98   3632775.90       22.12166  (21031822)               502721.98
3632775.90       18.36509  (20121603)
        502821.98   3632775.90       26.47374  (20092124)               502921.98
3632775.90       36.48408  (20090205)
        503021.98   3632775.90       37.69513  (20090205)               503121.98
3632775.90       37.50489  (20111701)
        503221.98   3632775.90       35.50166  (20111701)               503621.98
3632775.90       42.27658  (20050102)
        503721.98   3632775.90       41.52562  (21020203)               503821.98
3632775.90       39.26125  (20082921)
        503921.98   3632775.90       31.79485  (20032501)               504021.98
3632775.90       31.93745  (20022622)
        504121.98   3632775.90       32.66964  (21013120)               504221.98
3632775.90       31.45109  (19102905)
        504321.98   3632775.90       33.17923  (20022403)               504421.98
3632775.90       30.64965  (20052501)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLES ***
INCLUDING SOURCE(S): L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 29.85359 | (20042404) | 504621.98 | 3632775.90 | 29.17967 | (20101423) |
| 504721.98 | 3632775.90 | 29.00715 | (21011323) | 504821.98 | 3632775.90 | 27.64716 | (21010102) |
| 504921.98 | 3632775.90 | 27.20021 | (19022705) | 505021.98 | 3632775.90 | 25.94596 | (20121007) |
| 505121.98 | 3632775.90 | 24.59685 | (19121906) | 505221.98 | 3632775.90 | 23.93753 | (19122301) |
| 505321.98 | 3632775.90 | 22.10175 | (20100121) | 505421.98 | 3632775.90 | 23.32381 | (21022502) |
| 505521.98 | 3632775.90 | 21.11375 | (21010602) | 505621.98 | 3632775.90 | 21.13580 | (20021702) |
| 505721.98 | 3632775.90 | 20.02329 | (20011323) | 501721.98 | 3632875.90 | 5.62744 | (21111004) |
| 501821.98 | 3632875.90 | 5.14532 | (19010119) | 501921.98 | 3632875.90 | 5.15328 | (19010119) |
| 502021.98 | 3632875.90 | 4.93346 | (19010119) | 502121.98 | 3632875.90 | 4.49418 | (19010119) |
| 502221.98 | 3632875.90 | 4.40252 | (21030103) | 502321.98 | 3632875.90 | 6.93369 | (21030103) |
| 502421.98 | 3632875.90 | 9.87693 | (21030103) | 502521.98 | 3632875.90 | 12.41725 | (21030103) |
| 502621.98 | 3632875.90 | 13.48774 | (21030103) | 502721.98 | 3632875.90 | 18.27284 | (20121603) |
| 502821.98 | 3632875.90 | 29.70941 | (20121603) | 502921.98 | | | |

3632875.90 35.54227 (21063005)
503021.98 3632875.90 34.51800 (20090205) 503121.98
3632875.90 34.75552 (20102407)
503221.98 3632875.90 40.03236 (20111701) 503321.98
3632875.90 47.76660 (19081924)
503421.98 3632875.90 41.47452 (19110606) 503621.98
3632875.90 43.54924 (20050102)
503721.98 3632875.90 43.75015 (21020203) 503821.98
3632875.90 40.58977 (20082921)
503921.98 3632875.90 29.37247 (20081802) 504021.98
3632875.90 36.25958 (20022622)
504121.98 3632875.90 35.45188 (21011302) 504221.98
3632875.90 34.89021 (21022205)
504321.98 3632875.90 33.79249 (21011620) 504421.98
3632875.90 32.96270 (21013021)
504521.98 3632875.90 31.79262 (21120723) 504621.98
3632875.90 30.47794 (21022020)
504721.98 3632875.90 30.11687 (21010102) 504821.98
3632875.90 28.71051 (21022803)
504921.98 3632875.90 28.12721 (20121007) 505021.98
3632875.90 27.14621 (19121906)
505121.98 3632875.90 26.41051 (19122301) 505221.98
3632875.90 24.02717 (19081501)
505321.98 3632875.90 25.30053 (21022502) 505421.98
3632875.90 22.92525 (20100521)
505521.98 3632875.90 23.00941 (20020804) 505621.98
3632875.90 21.43376 (20011323)
505721.98 3632875.90 20.67556 (20121620) 501721.98
3632975.90 6.90182 (21111004)
501821.98 3632975.90 6.47168 (21111004) 501921.98
3632975.90 5.76041 (21111004)
502021.98 3632975.90 5.69637 (19010119) 502121.98
3632975.90 5.51255 (19010119)
505321.98 3632975.90 24.95645 (20100521) 505421.98
3632975.90 25.25318 (20020804)
505521.98 3632975.90 23.55366 (21012402) 505621.98
3632975.90 22.38720 (20121620)
505721.98 3632975.90 21.40964 (20022406) 501721.98
3633075.90 7.72531 (21111004)
501821.98 3633075.90 7.75853 (21111004) 501921.98
3633075.90 7.43906 (21111004)
502021.98 3633075.90 6.75132 (21111004) 502121.98
3633075.90 6.31451 (19010119)
505321.98 3633075.90 27.53317 (20020804) 505421.98
3633075.90 26.10218 (21012402)
505521.98 3633075.90 24.58732 (20022406) 505621.98
3633075.90 22.95405 (19010903)
505721.98 3633075.90 21.91633 (21120121) 501721.98
3633175.90 7.82354 (21111004)
501821.98 3633175.90 8.41536 (21111004) 501921.98

3633175.90        8.68360  (21111004)
        502021.98   3633175.90        8.54049  (21111004)                502121.98
3633175.90        7.91972  (21111004)
        505321.98   3633175.90       28.37837  (21012402)                505421.98
3633175.90       27.35914  (20022406)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                 L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

```
        505521.98   3633375.90       27.23112  (21122302)                505621.98
3633375.90       25.58112  (21011724)
        505721.98   3633375.90       25.13948  (21010408)                501721.98
3633475.90        8.32455  (21012320)
        501821.98   3633475.90        7.32276  (21012320)                501921.98
3633475.90        6.73802  (21111004)
        502021.98   3633475.90        8.35948  (21111004)                502121.98
3633475.90       10.00838  (21111004)
        505321.98   3633475.90       31.16470  (20021024)                505421.98
3633475.90       30.41299  (21122302)
        505521.98   3633475.90       29.14553  (21010408)                505621.98
3633475.90       26.65977  (21011720)
        505721.98   3633475.90       24.89721  (20121406)                501721.98
3633575.90       11.60329  (21012320)
        501821.98   3633575.90       11.14022  (21012320)                501921.98
3633575.90       10.30044  (21012320)
        502021.98   3633575.90        9.11033  (21012320)                502121.98
3633575.90        8.08670  (21111004)
        505321.98   3633575.90       33.82237  (21010408)                505421.98
3633575.90       31.36493  (21011720)
        505521.98   3633575.90       29.29936  (20121406)                505621.98
3633575.90       26.74368  (20021305)
        505721.98   3633575.90       26.10587  (20021723)                501721.98
3633675.90       13.43532  (21012320)
        501821.98   3633675.90       13.95091  (21012320)                501921.98
3633675.90       14.12281  (21012320)
        502021.98   3633675.90       13.82802  (21012320)                502121.98
3633675.90       13.02901  (21012320)
        505321.98   3633675.90       34.86419  (20121406)                505421.98
3633675.90       31.81589  (20021305)
        505521.98   3633675.90       30.29991  (20021723)                505621.98
3633675.90       28.61139  (19011606)
        505721.98   3633675.90       26.74997  (19121305)                501721.98
3633775.90       12.74314  (21012320)
        501821.98   3633775.90       14.20758  (21012320)                501921.98
3633775.90       15.56114  (21012320)
        502021.98   3633775.90       16.66079  (21012320)                502121.98
3633775.90       17.32150  (21012320)
        505321.98   3633775.90       36.57891  (19011606)                505421.98
3633775.90       32.91690  (20012223)
        505521.98   3633775.90       30.91951  (21022322)                505621.98
3633775.90       28.41313  (21010422)
        505721.98   3633775.90       27.26094  (19011923)                501721.98
3633875.90        9.76269  (21012320)
        501821.98   3633875.90       11.58346  (21012320)                501921.98
3633875.90       13.50119  (21012320)
        502021.98   3633875.90       15.68809  (21012320)                502121.98
3633875.90       17.81780  (21012320)
        505321.98   3633875.90       35.95688  (21010422)                505421.98
3633875.90       33.76064  (19011923)
```

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                   INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3633975.90       31.45658  (20020703)                505621.98
3633975.90       28.77978  (21022324)
        505721.98   3633975.90       26.31816  (20122520)                501721.98
3634075.90       11.76638  (19083104)
        501821.98   3634075.90       12.57019  (19083104)                501921.98
3634075.90       13.38021  (19083104)
        502021.98   3634075.90       14.17293  (19083104)                502121.98
3634075.90       14.91796  (19083104)
        505321.98   3634075.90       37.11839  (20122520)                505421.98
3634075.90       34.87999  (21122121)
        505521.98   3634075.90       32.71793  (21122121)                505621.98
3634075.90       31.91774  (20121803)
        505721.98   3634075.90       29.15010  (20121803)                501721.98
3634175.90       10.56700  (19083104)
        501821.98   3634175.90       11.65507  (19083104)                501921.98

3634175.90 12.84544 (19083104)
502021.98 3634175.90 14.09636 (19083104) 502121.98
3634175.90 15.57261 (19083104)
505321.98 3634175.90 37.73977 (19021906) 505421.98
3634175.90 36.09150 (19021906)
505521.98 3634175.90 33.93797 (19021906) 505621.98
3634175.90 29.53391 (20031603)
505721.98 3634175.90 27.82581 (20013123) 501721.98
3634275.90 8.84577 (20022619)
501821.98 3634275.90 9.41966 (20022619) 501921.98
3634275.90 10.05044 (20022619)
502021.98 3634275.90 10.72992 (20022619) 502121.98
3634275.90 12.04214 (19083104)
505321.98 3634275.90 38.01226 (20013123) 505421.98
3634275.90 36.43194 (21013019)
505521.98 3634275.90 32.24920 (21013019) 505621.98
3634275.90 30.08774 (21013019)
505721.98 3634275.90 28.11014 (21013019) 501721.98
3634375.90 11.71869 (21021102)
501821.98 3634375.90 12.61626 (21021102) 501921.98
3634375.90 13.55895 (21021102)
502021.98 3634375.90 14.65205 (21021102) 502121.98
3634375.90 15.96066 (21021102)
505321.98 3634375.90 44.68755 (21021007) 505421.98
3634375.90 41.07434 (21021007)
505521.98 3634375.90 33.70779 (21021007) 505621.98
3634375.90 31.28336 (21021007)
505721.98 3634375.90 29.16337 (21021007) 501721.98
3634475.90 14.90104 (21021102)
501821.98 3634475.90 16.05719 (21021102) 501921.98
3634475.90 17.33669 (21021102)
502021.98 3634475.90 18.80632 (21021102) 502121.98
3634475.90 20.40556 (21021102)
505321.98 3634475.90 40.61701 (20011720) 505421.98
3634475.90 44.54562 (20011720)
505521.98 3634475.90 34.81740 (20011720) 505621.98
3634475.90 29.16331 (20011720)
505721.98 3634475.90 27.42830 (19122317) 501721.98
3634575.90 14.17264 (21021102)
501821.98 3634575.90 14.94915 (21021102) 501921.98
3634575.90 15.77737 (21021102)
502021.98 3634575.90 16.67297 (21021102) 502121.98
3634575.90 17.61154 (21021102)
505321.98 3634575.90 44.88388 (20041201) 505421.98
3634575.90 48.68714 (20041201)
505521.98 3634575.90 44.64727 (20041201) 505621.98
3634575.90 35.39342 (20041201)
505721.98 3634575.90 27.30634 (20041201) 501721.98
3634675.90 10.23656 (19101801)
501821.98 3634675.90 11.00649 (19101801) 501921.98

3634675.90       11.80711  (19101801)
        502021.98   3634675.90       12.86240  (19050903)                502121.98
3634675.90       14.83182  (19050903)
        505321.98   3634675.90       41.84933  (20081806)                505421.98
3634675.90       41.51235  (20081806)
        505521.98   3634675.90       35.19843  (20081806)                505621.98
3634675.90       31.66713  (19030304)
        505721.98   3634675.90       27.23452  (20041201)                501721.98
3634775.90       11.74712  (19050903)
        501821.98   3634775.90       13.15180  (19050903)                501921.98
3634775.90       14.61575  (19050903)
        502021.98   3634775.90       16.18692  (19050903)                502121.98
3634775.90       17.73758  (19050903)
        505321.98   3634775.90       33.89231  (19022319)                505421.98
3634775.90       41.68228  (21032601)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3634775.90       39.77152  (21032601)                505621.98
3634775.90       38.06883  (21032601)
        505721.98   3634775.90       35.86328  (20081806)                501721.98
3634875.90       13.10816  (19050903)
        501821.98   3634875.90       13.95377  (19050903)                501921.98
3634875.90       14.65853  (19050903)
        502021.98   3634875.90       15.16372  (19050903)                502121.98
3634875.90       15.39974  (19050903)
        505321.98   3634875.90       34.81421  (19050722)                505421.98
3634875.90       43.90008  (20081401)

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        505521.98   3634875.90       39.45393  (20081401)               505621.98
3634875.90       32.75899  (20081401)
        505721.98   3634875.90       32.41457  (21020220)               501721.98
3634975.90       11.59960  (19050903)
        501821.98   3634975.90       11.55929  (19050903)               501921.98
3634975.90       11.28080  (19050903)
        502021.98   3634975.90       10.74991  (19050903)               502121.98
3634975.90       10.58641  (19022707)
        505321.98   3634975.90       34.86477  (19030607)               505421.98
3634975.90       37.28214  (19042006)
        505521.98   3634975.90       37.49287  (19042006)               505621.98
3634975.90       36.78510  (20081401)
        505721.98   3634975.90       36.35847  (20081401)               501721.98
3635075.90        8.21139  (19050903)
        501821.98   3635075.90        8.28763  (19022707)               501921.98
3635075.90       35.98959  (19100422)
        502021.98   3635075.90       36.46117  (21112918)               502121.98
3635075.90       13.46089  (20021724)
        505321.98   3635075.90       33.68701  (20041904)               505421.98
3635075.90       34.92460  (19022007)
        505521.98   3635075.90       29.40799  (19022007)               505621.98
3635075.90       27.53830  (19042006)
        505721.98   3635075.90       30.46890  (19042006)               501721.98
3635175.90       32.12791  (21112918)
        501821.98   3635175.90       31.29872  (21112918)               501921.98
3635175.90       38.69730  (19122123)
        502021.98   3635175.90       39.96262  (20021924)               502121.98
3635175.90       17.11585  (21011719)
        505321.98   3635175.90       28.55420  (21122806)               505421.98
3635175.90       31.24126  (20010802)
        505521.98   3635175.90       28.29909  (20010802)               505621.98
3635175.90       27.50930  (19022007)
        505721.98   3635175.90       25.67410  (19022007)               501721.98
3635275.90       34.38067  (19122123)
        501821.98   3635275.90       39.22258  (20021924)               501921.98
3635275.90       41.86846  (19012720)
        502021.98   3635275.90       40.32338  (19012720)               502121.98
3635275.90       43.91445  (21011719)
        505621.98   3635275.90       20.76852  (20010802)               505721.98
3635275.90       21.33141  (20010802)
        501721.98   3635375.90       32.25478  (19012720)               501821.98
3635375.90       33.81403  (19012720)
        501921.98   3635375.90       35.07714  (19082522)               502021.98
3635375.90       38.93252  (19111006)
        502121.98   3635375.90       34.31007  (19111006)               505621.98
3635375.90        5.06216  (21071520)
        501721.98   3635475.90       28.74020  (21011719)               501821.98
3635475.90       30.37239  (21011719)
        501921.98   3635475.90       33.44591  (19111006)               502021.98
3635475.90       36.40405  (21052423)
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        502121.98   3635475.90       38.31003  (21052423)               505621.98
3635475.90        6.71214  (21071520)
        505721.98   3635475.90        5.32572  (21071520)               501721.98
3635575.90       24.49790  (21011719)
        501821.98   3635575.90       25.14248  (21052423)               501921.98
3635575.90       32.54339  (21052423)
        502021.98   3635575.90       31.66350  (19013101)               502121.98
3635575.90       34.17450  (19012005)
        505321.98   3635575.90       33.18231  (19102623)               505421.98
3635575.90        9.93056  (21071520)
        505521.98   3635575.90        9.08111  (21071520)               505621.98
3635575.90        7.94107  (21071520)
        505721.98   3635575.90        6.69680  (21071520)               501721.98
3635675.90       24.56903  (19120317)
        501821.98   3635675.90       29.42385  (19013101)               501921.98
3635675.90       31.39414  (19013101)
        502021.98   3635675.90       30.78600  (20122320)               502121.98
3635675.90       34.56984  (20122320)
        505321.98   3635675.90       28.04661  (19102623)               505421.98
3635675.90       11.55846  (21012617)
♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 870
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3635675.90        9.03944  (21071520)               505621.98
3635675.90        8.47238  (21071520)
        505721.98   3635675.90        7.60668  (21071520)               501721.98
3635775.90       29.19229  (19013101)
        501821.98   3635775.90       29.22756  (19013101)               501921.98
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3635775.90 31.00255 (20122320)
502021.98 3635775.90 31.41059 (20122320) 502121.98
3635775.90 33.69394 (21012023)
505321.98 3635775.90 24.07982 (20091421) 505421.98
3635775.90 26.21289 (19102623)
505521.98 3635775.90 29.15998 (19102623) 505621.98
3635775.90 23.39240 (19102623)
505721.98 3635775.90 18.72197 (19102623) 501721.98
3635875.90 23.51529 (20040924)
501821.98 3635875.90 30.02354 (20122320) 501921.98
3635875.90 30.60486 (21012023)
502021.98 3635875.90 31.35061 (21012023) 502121.98
3635875.90 29.27309 (20122721)
505321.98 3635875.90 31.61684 (20091421) 505421.98
3635875.90 22.44911 (20091421)
505521.98 3635875.90 22.27283 (19102623) 505621.98
3635875.90 26.27614 (19102623)
505721.98 3635875.90 25.85174 (19102623) 501721.98
3635975.90 25.96181 (20122320)
501821.98 3635975.90 28.98964 (21012023) 501921.98
3635975.90 28.06533 (21012023)
502021.98 3635975.90 28.49226 (20122721) 502121.98
3635975.90 32.20958 (20122721)
505321.98 3635975.90 33.27511 (21122618) 505421.98
3635975.90 25.40503 (21122618)
505521.98 3635975.90 21.05678 (20091421) 505621.98
3635975.90 19.64626 (19102623)
505721.98 3635975.90 23.17105 (19102623) 501721.98
3636075.90 25.81945 (21012023)
501821.98 3636075.90 23.57372 (21012023) 501921.98
3636075.90 27.09907 (20122721)
502021.98 3636075.90 29.96778 (20122721) 502121.98
3636075.90 27.86363 (19031105)
502221.98 3636075.90 25.56974 (20112322) 502321.98
3636075.90 30.30970 (21121424)
502421.98 3636075.90 31.79359 (21121424) 502521.98
3636075.90 28.84578 (19112801)
502621.98 3636075.90 34.35773 (19121706) 502721.98
3636075.90 33.21800 (19121706)
502821.98 3636075.90 29.05088 (21100523) 502921.98
3636075.90 33.37426 (21021621)
503021.98 3636075.90 33.21314 (21112718) 503121.98
3636075.90 36.64458 (19050823)
503221.98 3636075.90 37.83428 (21100603) 503321.98
3636075.90 42.70065 (20120224)
503421.98 3636075.90 39.97448 (19072124) 503521.98
3636075.90 37.74530 (21021806)
503621.98 3636075.90 34.11603 (19051020) 503721.98
3636075.90 41.49067 (21041324)
503821.98 3636075.90 35.08750 (19072223) 503921.98

3636075.90       40.01955  (19072224)
        504021.98   3636075.90       41.12480  (19122420)                504121.98
3636075.90       32.46529  (19050321)
        504221.98   3636075.90       34.46710  (19050322)                504321.98
3636075.90       39.55476  (21013118)
        504421.98   3636075.90       36.44362  (21013118)                504521.98
3636075.90       29.95111  (21080821)
        504621.98   3636075.90       29.63106  (20102221)                504721.98
3636075.90       35.62310  (19022602)
        504821.98   3636075.90       40.03698  (21121422)                504921.98
3636075.90       28.98904  (21121422)
        505021.98   3636075.90       26.35906  (21061321)                505121.98
3636075.90       27.29488  (21090701)
        505221.98   3636075.90       27.83372  (21090701)                505321.98
3636075.90       27.55012  (21122618)
        505421.98   3636075.90       27.48691  (21122618)                505521.98
3636075.90       24.00510  (21122618)
        505621.98   3636075.90       21.01151  (20091421)                505721.98
3636075.90       16.46458  (19102623)
        501721.98   3636175.90       19.86597  (20031920)                501821.98
3636175.90       24.73470  (20122721)
        501921.98   3636175.90       27.50697  (20122721)                502021.98
3636175.90       25.56992  (19031105)
        502121.98   3636175.90       24.32786  (20112322)                502221.98
3636175.90       27.26882  (21121424)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  IDLES    ***
                                 INCLUDING SOURCE(S):     L0000310    , L0000311 , L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319 ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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        502321.98   3636175.90       31.31587  (21121424)              502421.98
3636175.90       25.25601  (19112801)
        502521.98   3636175.90       29.28175  (19121706)              502621.98
3636175.90       33.39627  (19121706)
        502721.98   3636175.90       26.69023  (21100523)              502821.98
3636175.90       27.98084  (21021621)
        502921.98   3636175.90       30.81416  (21021621)              503021.98
3636175.90       31.55288  (19050823)
        503121.98   3636175.90       30.74270  (19050823)              503221.98
3636175.90       33.31691  (21100603)
        503321.98   3636175.90       40.25307  (20120224)              503421.98
3636175.90       35.43850  (19072124)
        503521.98   3636175.90       35.27144  (19051001)              503621.98
3636175.90       33.30353  (19051020)
        503721.98   3636175.90       38.52838  (21041324)              503821.98
3636175.90       33.52255  (19072223)
        503921.98   3636175.90       37.10661  (19072224)              504021.98
3636175.90       37.97232  (19072224)
        504121.98   3636175.90       32.16295  (19070422)              504221.98
3636175.90       33.31830  (19050322)
        504321.98   3636175.90       31.37999  (19073022)              504421.98
3636175.90       31.85606  (21013118)
        504521.98   3636175.90       24.36476  (19111019)              504621.98
3636175.90       25.76340  (20102221)
        504721.98   3636175.90       25.70086  (19060920)              504821.98
3636175.90       25.52501  (19022602)
        504921.98   3636175.90       31.01407  (21121422)              505021.98
3636175.90       27.33635  (21061321)
        505121.98   3636175.90       23.35427  (21061321)              505221.98
3636175.90       26.80171  (21090701)
        505321.98   3636175.90       27.53209  (21090701)              505421.98
3636175.90       27.50693  (21122618)
        505521.98   3636175.90       27.93496  (21122618)              505621.98
3636175.90       22.87427  (21122618)
        505721.98   3636175.90       20.43331  (20091421)              501721.98
3636275.90       22.55091  (20122721)
        501821.98   3636275.90       24.41142  (20122721)              501921.98
3636275.90       23.34569  (19031105)
        502021.98   3636275.90       22.68558  (21101802)              502121.98
3636275.90       24.05312  (19122519)
        502221.98   3636275.90       29.85963  (21121424)              502321.98
3636275.90       24.44793  (21121424)
        502421.98   3636275.90       27.61297  (19112801)              502521.98
3636275.90       31.61304  (19121706)
        502621.98   3636275.90       25.93740  (19121706)              502721.98
3636275.90       26.95098  (21100523)
        502821.98   3636275.90       29.49892  (21021621)              502921.98
3636275.90       29.15290  (21112718)
        503021.98   3636275.90       32.00688  (19050823)              503121.98
3636275.90       32.21719  (21100603)
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        503221.98   3636275.90       30.22663  (19080122)                503321.98
3636275.90       33.34277  (20120224)
        503421.98   3636275.90       31.14866  (19081321)                503521.98
3636275.90       32.64252  (19051001)
        503621.98   3636275.90       32.08059  (19051020)                503721.98
3636275.90       35.61473  (19072223)
        503821.98   3636275.90       31.29101  (19072223)                503921.98
3636275.90       33.37205  (19072224)
        504021.98   3636275.90       36.70450  (19072224)                504121.98
3636275.90       28.95104  (19082323)
        504221.98   3636275.90       28.25210  (19082724)                504321.98
3636275.90       21.34463  (20031720)
        504421.98   3636275.90       26.48796  (21013118)                504521.98
3636275.90       19.69949  (19081120)
        504621.98   3636275.90       19.62626  (21080821)                504721.98
3636275.90       23.91906  (20102221)
        504821.98   3636275.90       21.18100  (19110518)                504921.98
3636275.90       25.23299  (19112903)
        505021.98   3636275.90       30.31253  (21121422)                505121.98
3636275.90       24.12008  (21061321)
        505221.98   3636275.90       21.83814  (19010920)                505321.98
3636275.90       27.91326  (21090701)
        505421.98   3636275.90       26.58676  (21090701)                505521.98
3636275.90       25.67156  (21122618)
        505621.98   3636275.90       27.35266  (21122618)                505721.98
3636275.90       22.68192  (20091421)
        501721.98   3636375.90       21.72697  (20122721)                501821.98
3636375.90       20.88608  (19031105)
        501921.98   3636375.90       21.17917  (21101802)                502021.98
3636375.90       22.09620  (19122519)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 872
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  IDLES    ***
                                  INCLUDING SOURCE(S):     L0000310    , L0000311
, L0000312    , L0000313    , L0000314    ,
                L0000315    , L0000316    , L0000317    , L0000318    , L0000319
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 27.77049 | (21121424) | 502221.98 | 3636375.90 | 24.47835 | (21121424) |
| 502321.98 | 3636375.90 | 26.56100 | (19112801) | 502421.98 | 3636375.90 | 29.08300 | (19121706) |
| 502521.98 | 3636375.90 | 27.83695 | (19121706) | 502621.98 | 3636375.90 | 24.34823 | (21100523) |
| 502721.98 | 3636375.90 | 25.35756 | (21021621) | 502821.98 | 3636375.90 | 27.21063 | (21021621) |
| 502921.98 | 3636375.90 | 26.35687 | (20101906) | 503021.98 | 3636375.90 | 29.22744 | (19050823) |
| 503121.98 | 3636375.90 | 29.98386 | (21100603) | 503221.98 | 3636375.90 | 27.61705 | (20120224) |
| 503321.98 | 3636375.90 | 29.47604 | (19072124) | 503421.98 | 3636375.90 | 28.85033 | (20071122) |
| 503521.98 | 3636375.90 | 29.34799 | (19051001) | 503621.98 | 3636375.90 | 30.05178 | (19051020) |
| 503721.98 | 3636375.90 | 33.31534 | (19072223) | 503821.98 | 3636375.90 | 29.01139 | (19072223) |
| 503921.98 | 3636375.90 | 30.14094 | (21050323) | 504021.98 | 3636375.90 | 34.29245 | (19072224) |
| 504121.98 | 3636375.90 | 25.24032 | (19082323) | 504221.98 | 3636375.90 | 22.77655 | (19082724) |
| 504321.98 | 3636375.90 | 20.07610 | (21071621) | 504421.98 | 3636375.90 | 22.53256 | (21013118) |
| 504521.98 | 3636375.90 | 21.46032 | (21013118) | 504621.98 | 3636375.90 | 18.32555 | (19080523) |
| 504721.98 | 3636375.90 | 18.90956 | (20102221) | 504821.98 | 3636375.90 | 18.37947 | (19060406) |
| 504921.98 | 3636375.90 | 17.79677 | (19061724) | 505021.98 | 3636375.90 | 23.33543 | (21050522) |
| 505121.98 | 3636375.90 | 24.90224 | (21121422) | 505221.98 | 3636375.90 | 24.68102 | (21061321) |
| 505321.98 | 3636375.90 | 23.01010 | (19010920) | 505421.98 | 3636375.90 | 26.90877 | (21090701) |
| 505521.98 | 3636375.90 | 24.63198 | (21081602) | 505621.98 | 3636375.90 | 25.25769 | (21122618) |
| 505721.98 | 3636375.90 | 26.33657 | (21122618) | 501721.98 | 3636475.90 | 17.87473 | (19031105) |
| 501821.98 | 3636475.90 | 19.03889 | (21101802) | 501921.98 | 3636475.90 | 20.03946 | (19122519) |
| 502021.98 | 3636475.90 | 24.76719 | (21121424) | 502121.98 | 3636475.90 | 23.52311 | (21121424) |
| 502221.98 | 3636475.90 | 23.98997 | (19112801) | 502321.98 | 3636475.90 | 25.38335 | (19112801) |
| 502421.98 | 3636475.90 | 28.11577 | (19121706) | 502521.98 | | | |

3636475.90       22.23869  (20040204)
        502621.98   3636475.90       23.67358  (21100523)                502721.98
3636475.90       26.28116  (21021621)
        502821.98   3636475.90       25.65130  (21112718)                502921.98
3636475.90       27.14562  (19050823)
        503021.98   3636475.90       25.85478  (21100603)                503121.98
3636475.90       25.58603  (21100603)
        503221.98   3636475.90       25.97776  (20120224)                503321.98
3636475.90       26.45052  (19072124)
        503421.98   3636475.90       26.92896  (19051001)                503521.98
3636475.90       26.47463  (19080922)
        503621.98   3636475.90       27.64143  (19051020)                503721.98
3636475.90       30.70860  (19072223)
        503821.98   3636475.90       26.58992  (19082801)                503921.98
3636475.90       26.92609  (21050323)
        504021.98   3636475.90       26.29032  (19072224)                504121.98
3636475.90       20.67672  (19081023)
        504221.98   3636475.90       20.42148  (19082724)                504321.98
3636475.90       18.64091  (21071621)
        504421.98   3636475.90       18.61087  (21052004)                504521.98
3636475.90       23.24516  (21013118)
        504621.98   3636475.90       17.65944  (19081120)                504721.98
3636475.90       16.68802  (19070220)
        504821.98   3636475.90       16.41111  (21071021)                504921.98
3636475.90       16.61067  (19060920)
        505021.98   3636475.90       21.85963  (19112903)                505121.98
3636475.90       27.90773  (21121422)
        505221.98   3636475.90       21.42221  (21061321)                505321.98
3636475.90       22.62658  (21061321)
        505421.98   3636475.90       21.99525  (21090701)                505521.98
3636475.90       25.29339  (21090701)
        505621.98   3636475.90       23.39937  (21081602)                505721.98
3636475.90       23.98953  (21122618)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                 L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                 L0000959    , L0000960    , L0000961    , L0000962    , L0000963

, L0000964    , L0000965    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 8.41116 | (19010119) | 502771.98 | 3633475.90 | 10.85132 | (21030103) |
| 502821.98 | 3633475.90 | 13.79143 | (21030103) | 502871.98 | 3633475.90 | 16.77193 | (21030103) |
| 502921.98 | 3633475.90 | 19.42165 | (21030103) | 502971.98 | 3633475.90 | 21.35109 | (21030103) |
| 503021.98 | 3633475.90 | 24.38275 | (20121603) | 503071.98 | 3633475.90 | 28.57293 | (20121603) |
| 503121.98 | 3633475.90 | 31.09248 | (20121603) | 503171.98 | 3633475.90 | 31.34862 | (20121603) |
| 503221.98 | 3633475.90 | 29.16906 | (20121603) | 503271.98 | 3633475.90 | 28.05837 | (21063005) |
| 503321.98 | 3633475.90 | 46.69396 | (20092124) | 503371.98 | 3633475.90 | 42.48797 | (20111701) |
| 503421.98 | 3633475.90 | 40.76726 | (20111701) | 503471.98 | 3633475.90 | 41.72696 | (21020924) |
| 503521.98 | 3633475.90 | 43.74913 | (21020924) | 503621.98 | 3633475.90 | 42.86635 | (19082022) |
| 503671.98 | 3633475.90 | 36.82494 | (20101121) | 503721.98 | 3633475.90 | 35.00239 | (20082921) |
| 503771.98 | 3633475.90 | 37.34935 | (20082921) | 503821.98 | 3633475.90 | 34.27199 | (20081802) |
| 503871.98 | 3633475.90 | 33.31473 | (20081802) | 503921.98 | 3633475.90 | 34.26825 | (20080922) |
| 503971.98 | 3633475.90 | 33.28529 | (20080922) | 504021.98 | 3633475.90 | 29.83497 | (21060902) |
| 504071.98 | 3633475.90 | 31.34917 | (20081021) | 504121.98 | 3633475.90 | 31.83434 | (20083021) |
| 504171.98 | 3633475.90 | 30.32266 | (20073022) | 504221.98 | 3633475.90 | 30.82808 | (20072721) |
| 504271.98 | 3633475.90 | 33.52315 | (20072721) | 504321.98 | 3633475.90 | 32.61859 | (20072721) |
| 504371.98 | 3633475.90 | 28.68289 | (20072922) | 504421.98 | 3633475.90 | 27.01236 | (19022705) |
| 504471.98 | 3633475.90 | 26.69530 | (21021820) | 504521.98 | 3633475.90 | 26.53671 | (21011520) |
| 504571.98 | 3633475.90 | 25.82738 | (21010522) | 504621.98 | 3633475.90 | 25.28232 | (19122301) |

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        504671.98   3633475.90       24.88831  (20080222)                504721.98
3633475.90       25.56483  (20080623)
        502721.98   3633525.90        9.64492  (19010119)                502771.98
3633525.90        9.12809  (19010119)
        502821.98   3633525.90       11.85454  (21030103)                502871.98
3633525.90       15.09105  (21030103)
        502921.98   3633525.90       18.31896  (21030103)                502971.98
3633525.90       21.11443  (21030103)
        503021.98   3633525.90       23.01470  (21030103)                503071.98
3633525.90       27.38414  (20121603)
        503121.98   3633525.90       31.42906  (20121603)                503171.98
3633525.90       33.33500  (20121603)
        503221.98   3633525.90       32.64727  (20121603)                503271.98
3633525.90       29.68388  (20121603)
        503321.98   3633525.90       31.50423  (20102407)                503371.98
3633525.90       47.64606  (20092124)
        503421.98   3633525.90       48.96922  (20111701)                503471.98
3633525.90       49.86827  (19081924)
        503521.98   3633525.90       46.80609  (19110606)                503621.98
3633525.90       46.79645  (19101521)
        503671.98   3633525.90       44.69846  (21020203)                503721.98
3633525.90       47.01003  (20082921)
        503771.98   3633525.90       45.24933  (20082921)                503821.98
3633525.90       38.23329  (20081802)
        503871.98   3633525.90       37.79483  (20081802)                503921.98
3633525.90       39.83349  (20080922)
        503971.98   3633525.90       36.91359  (20080922)                504021.98
3633525.90       33.99890  (20081021)
        504071.98   3633525.90       34.55465  (20081021)                504121.98
3633525.90       36.08997  (20083021)
        504171.98   3633525.90       35.98299  (20073022)                504221.98
3633525.90       37.15164  (20072721)
        504271.98   3633525.90       36.00585  (20072721)                504321.98
3633525.90       29.69164  (20072922)
        504371.98   3633525.90       28.21600  (20080120)                504421.98
3633525.90       27.99715  (21021820)
        504471.98   3633525.90       27.75673  (21011520)                504521.98
3633525.90       26.93260  (21010522)
        504571.98   3633525.90       26.33611  (19122301)                504621.98
3633525.90       26.95517  (20080222)
        504671.98   3633525.90       26.69037  (20080623)                504721.98
3633525.90       25.49499  (19102119)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 874
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 10.74466 | (19010119) | 502771.98 | 3633575.90 | 10.45714 | (19010119) |
| 502821.98 | 3633575.90 | 9.94369 | (19010119) | 502871.98 | 3633575.90 | 13.00557 | (21030103) |
| 502921.98 | 3633575.90 | 16.56884 | (21030103) | 502971.98 | 3633575.90 | 20.06776 | (21030103) |
| 503021.98 | 3633575.90 | 22.99083 | (21030103) | 503071.98 | 3633575.90 | 25.20410 | (20121603) |
| 503121.98 | 3633575.90 | 30.65769 | (20121603) | 503171.98 | 3633575.90 | 34.35615 | (20121603) |
| 503221.98 | 3633575.90 | 35.45329 | (20121603) | 503271.98 | 3633575.90 | 33.65572 | (20121603) |
| 503321.98 | 3633575.90 | 32.01776 | (21063005) | 503371.98 | 3633575.90 | 47.26103 | (20092124) |
| 503421.98 | 3633575.90 | 48.94120 | (20111701) | 503471.98 | 3633575.90 | 58.74604 | (19081924) |
| 503521.98 | 3633575.90 | 57.25986 | (19081924) | 503621.98 | 3633575.90 | 49.46714 | (21090401) |
| 503671.98 | 3633575.90 | 50.73038 | (21020203) | 503721.98 | 3633575.90 | 50.77392 | (20082921) |
| 503771.98 | 3633575.90 | 52.33106 | (20082921) | 503821.98 | 3633575.90 | 44.89396 | (20082921) |
| 503871.98 | 3633575.90 | 46.22237 | (20082921) | 503921.98 | 3633575.90 | 44.36755 | (20080922) |
| 503971.98 | 3633575.90 | 40.75780 | (20080922) | 504021.98 | 3633575.90 | 41.62856 | (20081021) |
| 504071.98 | 3633575.90 | 39.04757 | (20081021) | 504121.98 | 3633575.90 | 40.27918 | (20073022) |
| 504171.98 | 3633575.90 | 40.36327 | (20073022) | 504221.98 | | | |

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3633575.90       41.46910  (20072721)
        504271.98   3633575.90       35.60069  (20072721)                504321.98
3633575.90       30.13099  (20080120)
        504371.98   3633575.90       29.31653  (21021820)                504421.98
3633575.90       29.07118  (21011520)
        504471.98   3633575.90       28.18043  (21010522)                504521.98
3633575.90       27.52659  (19122301)
        504571.98   3633575.90       28.93755  (20080222)                504621.98
3633575.90       27.99578  (20080623)
        504671.98   3633575.90       26.48059  (19102119)                504721.98
3633575.90       27.19320  (20081805)
        502721.98   3633625.90       12.05315  (21111004)                502771.98
3633625.90       11.63977  (19010119)
        502821.98   3633625.90       11.38907  (19010119)                502871.98
3633625.90       10.86737  (19010119)
        502921.98   3633625.90       14.31376  (21030103)                502971.98
3633625.90       18.25847  (21030103)
        503021.98   3633625.90       22.05070  (21030103)                503071.98
3633625.90       25.07901  (21030103)
        503121.98   3633625.90       28.73303  (20121603)                503171.98
3633625.90       34.20304  (20121603)
        503221.98   3633625.90       37.32789  (20121603)                503271.98
3633625.90       37.36454  (20121603)
        503321.98   3633625.90       34.28546  (20121603)                503371.98
3633625.90       37.22465  (20102407)
        503421.98   3633625.90       48.58362  (20111701)                503471.98
3633625.90       59.61714  (19081924)
        503521.98   3633625.90       60.03719  (19081924)                503621.98
3633625.90       56.74471  (21090401)
        503671.98   3633625.90       53.22888  (21020203)                503721.98
3633625.90       53.45540  (20082921)
        503771.98   3633625.90       54.90316  (20082921)                503821.98
3633625.90       49.63699  (20082921)
        503871.98   3633625.90       49.98024  (20082921)                503921.98
3633625.90       46.17611  (20080922)
        503971.98   3633625.90       45.53439  (20081021)                504021.98
3633625.90       45.20386  (20081021)
        504071.98   3633625.90       42.51227  (20083021)                504121.98
3633625.90       44.94913  (20073022)
        504171.98   3633625.90       44.26020  (20072721)                504221.98
3633625.90       43.07279  (20072721)
        504271.98   3633625.90       38.76267  (20072922)                504321.98
3633625.90       34.85200  (20080120)
        504371.98   3633625.90       30.32252  (20081220)                504421.98
3633625.90       29.46469  (21010522)
        504471.98   3633625.90       28.89369  (19122301)                504521.98
3633625.90       30.10096  (20080222)
        504571.98   3633625.90       30.15415  (20080222)                504621.98
3633625.90       28.35904  (20080623)
        504671.98   3633625.90       30.91136  (20081805)                504721.98
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                 L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                 L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        503121.98   3633675.90       27.40250  (21030103)               503171.98   3633675.90       32.72550  (20121603)
        503221.98   3633675.90       37.98210  (20121603)               503271.98   3633675.90       40.24366  (20121603)
        503321.98   3633675.90       39.00579  (20121603)               503371.98   3633675.90       34.63540  (20121603)
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503771.98 3633675.90 59.18869 (20082921) 503821.98 3633675.90 54.19473 (20082921)
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504221.98 3633725.90 50.27978 (20080120) 504271.98 3633725.90 49.97373 (20080120)

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        503171.98   3633775.90       29.81152  (21030103)                503221.98
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        503271.98   3633775.90       42.04371  (20121603)                503321.98

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504721.98 3633775.90 40.87351 (20111118) 502721.98
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3633825.90 22.17085 (21030103)
503171.98 3633825.90 28.17522 (21030103) 503221.98
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3633825.90       50.19098  (20081803)
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        502771.98   3633875.90       19.96384  (21111004)                502821.98
3633875.90       21.26750  (21111004)
        502871.98   3633875.90       22.12443  (21111004)                502921.98
3633875.90       22.47305  (21111004)
        502971.98   3633875.90       22.10027  (21111004)                503021.98
3633875.90       21.01518  (21111004)
        503071.98   3633875.90       19.24439  (21111004)                503121.98
3633875.90       18.42456  (21030103)
        503171.98   3633875.90       25.13197  (21030103)                503221.98
3633875.90       31.82632  (21030103)
        503271.98   3633875.90       37.14512  (21030103)                503821.98
3633875.90       73.68787  (20082503)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3633875.90 71.35221 (19033021)
504071.98 3633875.90 64.84108 (21011323) 504121.98
3633875.90 64.79022 (20011902)
504171.98 3633875.90 63.06144 (21021820) 504221.98
3633875.90 60.39903 (21010522)
504271.98 3633875.90 56.97496 (20122923) 504321.98
3633875.90 55.69602 (20081805)
504371.98 3633875.90 59.07333 (20081805) 504421.98
3633875.90 56.69572 (20081805)
504471.98 3633875.90 55.40480 (20081803) 504521.98
3633875.90 54.96308 (20081803)
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3633875.90 51.50674 (21011418)
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502721.98 3633925.90 16.76522 (21111004) 502771.98
3633925.90 18.92529 (21111004)
502821.98 3633925.90 20.98283 (21111004) 502871.98
3633925.90 22.80132 (21111004)
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3633925.90 24.97119 (21111004)
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3633925.90 54.48259 (21011418)
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3633925.90 49.09330 (21011418)
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3633975.90 21.24687 (21012320)
502771.98 3633975.90 20.03154 (21012320) 502821.98
3633975.90 19.29233 (21111004)

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        503071.98   3633975.90       28.28676  (21111004)               503121.98
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        503171.98   3633975.90       26.41722  (21111004)               503221.98
3633975.90       24.13975  (21030103)
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        504071.98   3633975.90       77.40936  (20032321)               504121.98
3633975.90       73.57761  (21011520)
        504171.98   3633975.90       75.89271  (21060824)               504221.98
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3633975.90       77.84441  (20081803)
        504371.98   3633975.90       69.49367  (20081803)               504421.98
3633975.90       66.67631  (20081603)
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3633975.90       56.75889  (21011418)
        504571.98   3633975.90       54.37780  (21011418)               504621.98
3633975.90       50.62614  (21011418)
        504671.98   3633975.90       44.10024  (21011418)               504721.98
3633975.90       38.87123  (21091121)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 878
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3634025.90 | 26.38183 | (21012320) | 502771.98 | 3634025.90 | 25.99679 | (21012320) |
| 502821.98 | 3634025.90 | 25.15633 | (21012320) | 502871.98 | 3634025.90 | 23.94147 | (21012320) |
| 502921.98 | 3634025.90 | 22.53452 | (21111004) | 502971.98 | 3634025.90 | 25.57601 | (21111004) |
| 503021.98 | 3634025.90 | 28.36727 | (21111004) | 503071.98 | 3634025.90 | 30.56104 | (21111004) |
| 503121.98 | 3634025.90 | 31.93868 | (21111004) | 503171.98 | 3634025.90 | 32.21062 | (21111004) |
| 503221.98 | 3634025.90 | 31.16506 | (21111004) | 503271.98 | 3634025.90 | 28.73572 | (21111004) |
| 503871.98 | 3634025.90 | 73.18402 | (21022105) | 503921.98 | 3634025.90 | 67.49191 | (21022105) |
| 503971.98 | 3634025.90 | 79.74125 | (21011323) | 504021.98 | 3634025.90 | 77.88885 | (19022705) |
| 504071.98 | 3634025.90 | 78.55979 | (21011520) | 504121.98 | 3634025.90 | 77.85954 | (20081805) |
| 504171.98 | 3634025.90 | 96.40798 | (20081805) | 504221.98 | 3634025.90 | 94.77295 | (20081805) |
| 504271.98 | 3634025.90 | 86.19234 | (20081803) | 504321.98 | 3634025.90 | 82.71285 | (20081603) |
| 504371.98 | 3634025.90 | 73.10641 | (20081603) | 504421.98 | 3634025.90 | 64.13227 | (20081803) |
| 504471.98 | 3634025.90 | 60.08564 | (21011418) | 504521.98 | 3634025.90 | 57.36806 | (21011418) |
| 504571.98 | 3634025.90 | 52.06383 | (21011418) | 504621.98 | 3634025.90 | 43.02999 | (21091121) |
| 504671.98 | 3634025.90 | 39.14437 | (20072623) | 504721.98 | 3634025.90 | 36.95739 | (20072623) |
| 502721.98 | 3634075.90 | 29.75224 | (21012320) | 502771.98 | 3634075.90 | 30.35357 | (21012320) |
| 502821.98 | 3634075.90 | 30.67213 | (21012320) | 502871.98 | 3634075.90 | 30.63016 | (21012320) |
| 502921.98 | 3634075.90 | 30.04458 | (21012320) | 502971.98 | 3634075.90 | 28.92056 | (21012320) |
| 503021.98 | 3634075.90 | 27.31072 | (21012320) | 503071.98 | 3634075.90 | 30.32831 | (21111004) |
| 503121.98 | 3634075.90 | 33.54101 | (21111004) | 503171.98 | 3634075.90 | 35.96293 | (21111004) |
| 503221.98 | 3634075.90 | 37.18905 | (21111004) | 503271.98 | 3634075.90 | 36.90400 | (21111004) |
| 503871.98 | 3634075.90 | 75.59166 | (21022105) | 503921.98 | | | |

3634075.90       76.72411  (21022020)
        503971.98   3634075.90       76.76074  (21120804)                504021.98
3634075.90       84.16423  (21011520)
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        504171.98   3634075.90      105.54315  (20081803)                504221.98
3634075.90      103.28599  (20081603)
        504271.98   3634075.90       96.23450  (20081603)                504321.98
3634075.90       81.40473  (20081805)
        504371.98   3634075.90       72.27498  (20081803)                504421.98
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        504471.98   3634075.90       60.73230  (21011418)                504521.98
3634075.90       52.26506  (21011418)
        504571.98   3634075.90       43.16461  (21091121)                504621.98
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        502821.98   3634125.90       33.75804  (21012320)                502871.98
3634125.90       35.14774  (21012320)
        502921.98   3634125.90       36.01726  (21012320)                502971.98
3634125.90       36.43568  (21012320)
        503021.98   3634125.90       36.36460  (21012320)                503071.98
3634125.90       35.55957  (21012320)
        503121.98   3634125.90       34.03292  (21012320)                503171.98
3634125.90       36.52334  (21111004)
        503221.98   3634125.90       40.22993  (21111004)                503271.98
3634125.90       42.87932  (21111004)
        503921.98   3634125.90       88.35472  (21120804)                503971.98
3634125.90       84.12985  (21022623)
        504021.98   3634125.90       80.56028  (21021721)                504071.98
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        504121.98   3634125.90       95.57056  (20081603)                504171.98
3634125.90      110.29585  (20081603)
        504221.98   3634125.90      101.73003  (20081603)                504271.98
3634125.90       96.67169  (20081805)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947

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, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504321.98   3634125.90       87.80459  (20081803)               504371.98
3634125.90       77.78858  (20081603)
        504421.98   3634125.90       66.25355  (21011418)               504471.98
3634125.90       52.59861  (21011418)
        504521.98   3634125.90       49.47599  (20081804)               504571.98
3634125.90       45.34330  (20081804)
        504621.98   3634125.90       41.59427  (20081804)               504671.98
3634125.90       41.58425  (20081804)
        504721.98   3634125.90       40.30526  (20081804)               502721.98
3634175.90       28.06129  (21012320)
        502771.98   3634175.90       30.73947  (21012320)               502821.98
3634175.90       33.47790  (21012320)
        502871.98   3634175.90       36.16031  (21012320)               502921.98
3634175.90       38.54720  (21012320)
        502971.98   3634175.90       40.69645  (21012320)               503021.98
3634175.90       42.56997  (21012320)
        503071.98   3634175.90       43.81778  (21012320)               503121.98
3634175.90       44.47743  (21012320)
        503171.98   3634175.90       44.33465  (21012320)               503221.98
3634175.90       43.14284  (21012320)
        503271.98   3634175.90       44.59605  (21111004)               503971.98
3634175.90       94.53099  (21021721)
        504021.98   3634175.90       88.95630  (21010724)               504071.98
3634175.90       83.67004  (20121123)
        504121.98   3634175.90       83.12956  (20081803)               504171.98
3634175.90       77.59780  (20081805)
        504221.98   3634175.90      104.10370  (20081805)               504271.98
3634175.90      102.60342  (20081803)
        504321.98   3634175.90      102.03735  (20081603)               504371.98
3634175.90       70.35021  (21011418)
        504421.98   3634175.90       55.94103  (20081804)               504471.98
3634175.90       52.49556  (20081804)
        504521.98   3634175.90       49.46697  (20081804)               504571.98
3634175.90       42.84904  (20081804)
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        504621.98   3634175.90       38.86932  (20081804)                504671.98
3634175.90       37.02644  (20081804)
        504721.98   3634175.90       35.22900  (19121305)                502721.98
3634225.90       23.41126  (19083104)
        502771.98   3634225.90       26.48655  (21012320)                502821.98
3634225.90       29.83347  (21012320)
        502871.98   3634225.90       33.33137  (21012320)                502921.98
3634225.90       36.83811  (21012320)
        502971.98   3634225.90       40.42640  (21012320)                503021.98
3634225.90       44.03688  (21012320)
        503071.98   3634225.90       47.33671  (21012320)                503121.98
3634225.90       50.31677  (21012320)
        503171.98   3634225.90       52.81452  (21012320)                503221.98
3634225.90       54.82115  (21012320)
        503271.98   3634225.90       56.32743  (21012320)                504071.98
3634225.90       91.37934  (21022620)
        504121.98   3634225.90       84.14620  (21021922)                504171.98
3634225.90       91.28666  (20081805)
        504221.98   3634225.90       80.66103  (20081803)                504271.98
3634225.90      111.33370  (20081603)
        504321.98   3634225.90       93.57137  (20081603)                504371.98
3634225.90       63.94547  (20081804)
        504421.98   3634225.90       54.46857  (20081804)                504471.98
3634225.90       53.08459  (20081804)
        504521.98   3634225.90       50.44957  (20081804)                504571.98
3634225.90       43.76064  (20081804)
        504621.98   3634225.90       39.56998  (19121305)                504671.98
3634225.90       37.60719  (19121305)
        504721.98   3634225.90       35.59574  (19011923)                502721.98
3634275.90       26.22190  (19083104)
        502771.98   3634275.90       27.41313  (19083104)                502821.98
3634275.90       28.66721  (19083104)
        502871.98   3634275.90       29.97427  (19083104)                502921.98
3634275.90       31.28128  (21012320)
        502971.98   3634275.90       35.58226  (21012320)                503021.98
3634275.90       40.38674  (21012320)
        503071.98   3634275.90       45.23201  (21012320)                503121.98
3634275.90       50.09448  (21012320)
        503171.98   3634275.90       54.90093  (21012320)                503221.98
3634275.90       59.49590  (21012320)
        503271.98   3634275.90       64.16613  (21012320)                504121.98
3634275.90       91.80498  (21020122)
        504171.98   3634275.90       82.42791  (21020122)                504221.98
3634275.90      122.73482  (20081603)
        504271.98   3634275.90       99.00216  (20080121)                504321.98
3634275.90       91.86116  (21040622)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE  ***
INCLUDING SOURCE(S):  L0000938  , L0000939 , L0000940  , L0000941  , L0000942  ,
L0000943  , L0000944  , L0000945  , L0000946  , L0000947 , L0000948  , L0000949  , L0000950  ,
L0000951  , L0000952  , L0000953  , L0000954  , L0000955 , L0000956  , L0000957  , L0000958  ,
L0000959  , L0000960  , L0000961  , L0000962  , L0000963 , L0000964  , L0000965  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 69.76645 | (20081804) | 504421.98 | 3634275.90 | 63.84840 | (20081804) |
| 504471.98 | 3634275.90 | 56.01418 | (20081804) | 504521.98 | 3634275.90 | 46.15654 | (20081804) |
| 504571.98 | 3634275.90 | 41.28744 | (19011923) | 504621.98 | 3634275.90 | 39.62788 | (19011923) |
| 504671.98 | 3634275.90 | 37.77403 | (21121821) | 504721.98 | 3634275.90 | 36.10480 | (20121224) |
| 502721.98 | 3634325.90 | 26.27150 | (19083104) | 502771.98 | 3634325.90 | 27.99519 | (19083104) |
| 502821.98 | 3634325.90 | 29.78326 | (19083104) | 502871.98 | 3634325.90 | 32.05058 | (19083104) |
| 502971.98 | 3634325.90 | 36.01523 | (19083104) | 503021.98 | 3634325.90 | 38.27778 | (19083104) |
| 503071.98 | 3634325.90 | 40.65244 | (19083104) | 503121.98 | 3634325.90 | 44.00943 | (21012320) |
| 503171.98 | 3634325.90 | 50.53169 | (21012320) | 503221.98 | 3634325.90 | 57.27049 | (21012320) |
| 503271.98 | 3634325.90 | 64.12354 | (21012320) | 504171.98 | 3634325.90 | 98.80581 | (20081603) |
| 504221.98 | 3634325.90 | 112.12945 | (21040622) | 504271.98 | 3634325.90 | 104.93724 | (21040622) |
| 504321.98 | 3634325.90 | 99.38049 | (21081123) | 504371.98 | 3634325.90 | 82.35274 | (19121305) |
| 504421.98 | 3634325.90 | 64.73415 | (20082223) | 504471.98 | | | |

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3634325.90       50.98477  (20081222)
        504521.98   3634325.90       44.59668  (21121821)                504571.98
3634325.90       42.68667  (20121224)
        504621.98   3634325.90       40.53738  (20020703)                504671.98
3634325.90       38.31061  (20020703)
        504721.98   3634325.90       35.25755  (21122121)                502721.98
3634375.90       23.83588  (19083104)
        502771.98   3634375.90       25.77996  (19083104)                502821.98
3634375.90       27.81957  (19083104)
        503021.98   3634375.90       38.42203  (19083104)                503071.98
3634375.90       41.73648  (19083104)
        503121.98   3634375.90       45.15838  (19083104)                503171.98
3634375.90       48.83322  (19083104)
        503221.98   3634375.90       52.94402  (19083104)                503271.98
3634375.90       57.54596  (19083104)
        504221.98   3634375.90      128.77988  (20082306)                504271.98
3634375.90      117.54054  (20082306)
        504321.98   3634375.90      105.17991  (20082306)                504371.98
3634375.90       87.98630  (20082306)
        504421.98   3634375.90       58.88580  (20082306)                504471.98
3634375.90       48.63892  (20020703)
        504521.98   3634375.90       44.39543  (20020703)                504571.98
3634375.90       43.65492  (21122121)
        504621.98   3634375.90       42.06703  (21122121)                504671.98
3634375.90       40.12557  (20121803)
        504721.98   3634375.90       38.27894  (20121803)                502721.98
3634425.90       25.38672  (21021102)
        502771.98   3634425.90       26.92922  (21021102)                502821.98
3634425.90       28.62934  (21021102)
        504271.98   3634425.90       84.77667  (20122520)                504321.98
3634425.90       94.78769  (20082306)
        504371.98   3634425.90       93.59834  (20082306)                504421.98
3634425.90       68.01376  (20082306)
        504471.98   3634425.90       52.10362  (20082306)                504521.98
3634425.90       47.72894  (21122201)
        504571.98   3634425.90       44.30671  (19021906)                504621.98
3634425.90       41.72615  (19021906)
        504671.98   3634425.90       39.09010  (20013123)                504721.98
3634425.90       37.95003  (20013123)
        502721.98   3634475.90       30.61577  (21021102)                502771.98
3634475.90       32.52734  (21021102)
        502821.98   3634475.90       34.55201  (21021102)                504321.98
3634475.90       76.75414  (20121618)
        504371.98   3634475.90       93.77901  (20082805)                504421.98
3634475.90       84.27790  (20082306)
        504471.98   3634475.90       66.74936  (20082306)                504521.98
3634475.90       58.10170  (20082306)
        504571.98   3634475.90       54.17187  (20082306)                504621.98
3634475.90       51.27797  (20082306)
        504671.98   3634475.90       44.48593  (20082306)                504721.98
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3634475.90       38.05478  (20082306)
        502721.98   3634525.90       32.60785  (21021102)                502771.98
3634525.90       34.37404  (21021102)
        504371.98   3634525.90       68.89400  (21011518)                504421.98
3634525.90       65.06796  (21011518)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        504471.98   3634525.90      107.06397  (20082306)                504521.98
3634525.90       91.47332  (20082306)
        504571.98   3634525.90       78.19218  (20082306)                504621.98
3634525.90       66.60838  (20082306)
        504671.98   3634525.90       54.09261  (20082306)                504721.98
3634525.90       45.26411  (20082306)
        502721.98   3634575.90       30.79005  (21021102)                502771.98
3634575.90       32.25692  (21021102)
        504421.98   3634575.90       59.20782  (21101422)                504471.98
3634575.90       54.46995  (21011518)
        504521.98   3634575.90       57.91636  (20082306)                504571.98
3634575.90       73.55528  (20082306)
        504621.98   3634575.90       64.47541  (20041201)                504671.98
3634575.90       62.11251  (20041201)
        504721.98   3634575.90       55.82476  (20041201)                502721.98
3634625.90       25.72744  (21021102)

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        502771.98   3634625.90       27.19172  (19050903)                502821.98
3634625.90       29.74108  (19050903)
        502871.98   3634625.90       32.41279  (19050903)                502921.98
3634625.90       35.22694  (19050903)
        502971.98   3634625.90       38.20282  (19050903)                503021.98
3634625.90       41.31745  (19050903)
        503071.98   3634625.90       44.56226  (19050903)                503121.98
3634625.90       47.93781  (19050903)
        504471.98   3634625.90       57.02667  (21020220)                504521.98
3634625.90       52.81680  (21020220)
        504571.98   3634625.90       49.58736  (21101422)                504621.98
3634625.90       57.80448  (21012820)
        504671.98   3634625.90       56.43224  (21012820)                504721.98
3634625.90       58.29247  (20041201)
        502721.98   3634675.90       28.19702  (19050903)                502771.98
3634675.90       30.21093  (19050903)
        502821.98   3634675.90       32.29415  (19050903)                502871.98
3634675.90       34.38381  (19050903)
        502921.98   3634675.90       36.48110  (19050903)                502971.98
3634675.90       38.59163  (19050903)
        503021.98   3634675.90       40.67009  (19050903)                503071.98
3634675.90       42.73446  (19050903)
        503121.98   3634675.90       44.83114  (19050903)                503171.98
3634675.90       46.86195  (19050903)
        503221.98   3634675.90       53.97809  (21011719)                503271.98
3634675.90       60.22477  (21011719)
        503321.98   3634675.90       64.38293  (21011719)                503371.98
3634675.90       73.76674  (20022207)
        503421.98   3634675.90       85.00089  (20022207)                503471.98
3634675.90       96.95206  (21011719)
        503521.98   3634675.90      111.38514  (21011719)                504521.98
3634675.90       51.60358  (21020220)
        504571.98   3634675.90       49.05969  (21020220)                504621.98
3634675.90       49.38959  (21020220)
        504671.98   3634675.90       48.75030  (21020220)                504721.98
3634675.90       54.06426  (21012820)
        502721.98   3634725.90       28.81466  (19050903)                502771.98
3634725.90       30.15462  (19050903)
        502821.98   3634725.90       31.42554  (19050903)                502871.98
3634725.90       32.60545  (19050903)
        502921.98   3634725.90       33.65397  (19050903)                502971.98
3634725.90       34.55416  (19050903)
        503021.98   3634725.90       35.27212  (19050903)                503071.98
3634725.90       36.96107  (21011719)
        503121.98   3634725.90       44.58367  (21011719)                503171.98
3634725.90       50.50955  (21011719)
        503221.98   3634725.90       54.79094  (21011719)                503271.98
3634725.90       58.93877  (21011719)
        503321.98   3634725.90       67.58869  (20022207)                503371.98
3634725.90       76.50962  (20022207)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 32.17364 | (20021724) | 503021.98 | 3634775.90 | 37.83784 | (21011719) |
| 503071.98 | 3634775.90 | 43.26457 | (21011719) | 503121.98 | 3634775.90 | 47.49459 | (21011719) |
| 503171.98 | 3634775.90 | 51.15480 | (21011719) | 503221.98 | 3634775.90 | 55.31098 | (21011719) |
| 503271.98 | 3634775.90 | 62.39575 | (20022207) | 503321.98 | | | |

3634775.90 69.25416 (20022207)
503371.98 3634775.90 74.44966 (20022207) 503421.98
3634775.90 77.41156 (20022207)
503471.98 3634775.90 78.35247 (21012023) 503521.98
3634775.90 81.34907 (19121706)
503571.98 3634775.90 81.73507 (19121706) 503621.98
3634775.90 93.70780 (20120224)
503671.98 3634775.90 104.33802 (21012024) 503721.98
3634775.90 103.44939 (21012024)
503771.98 3634775.90 86.35828 (21012024) 503821.98
3634775.90 94.28508 (21021806)
504621.98 3634775.90 32.43089 (21020220) 504671.98
3634775.90 35.19839 (21020220)
504721.98 3634775.90 38.98445 (20082303) 502721.98
3634825.90 22.07655 (19050903)
502771.98 3634825.90 21.77493 (19050903) 502821.98
3634825.90 25.03532 (20021724)
502871.98 3634825.90 28.62949 (20021724) 502921.98
3634825.90 32.77489 (21011719)
502971.98 3634825.90 37.67769 (21011719) 503021.98
3634825.90 41.71482 (21011719)
503071.98 3634825.90 45.06754 (21011719) 503121.98
3634825.90 48.22616 (21011719)
503171.98 3634825.90 51.43849 (21011719) 503221.98
3634825.90 57.86036 (20022207)
503271.98 3634825.90 62.86057 (20022207) 503321.98
3634825.90 65.87586 (20022207)
503371.98 3634825.90 66.81920 (21012023) 503421.98
3634825.90 68.05012 (20040823)
503471.98 3634825.90 70.35855 (21121424) 503521.98
3634825.90 72.35974 (19121706)
503571.98 3634825.90 70.09280 (19121706) 503621.98
3634825.90 81.93547 (21021806)
503671.98 3634825.90 88.83516 (21012024) 503721.98
3634825.90 90.76667 (21012024)
503771.98 3634825.90 78.01771 (21012024) 503821.98
3634825.90 81.59886 (21021806)
503871.98 3634825.90 86.26068 (21012024) 503921.98
3634825.90 73.77939 (21013118)
504671.98 3634825.90 24.46052 (20082303) 504721.98
3634825.90 33.92708 (20082303)
502721.98 3634875.90 22.72627 (20021724) 502771.98
3634875.90 25.70703 (20021724)
502821.98 3634875.90 28.84529 (21011719) 502871.98
3634875.90 33.23886 (21011719)
502921.98 3634875.90 37.00962 (21011719) 502971.98
3634875.90 40.11093 (21011719)
503021.98 3634875.90 42.71783 (21011719) 503071.98
3634875.90 44.95481 (21011719)
503121.98 3634875.90 48.51089 (20022207) 503171.98

3634875.90       53.60749  (20022207)
        503221.98   3634875.90       57.00369  (20022207)                503271.98
3634875.90       58.19938  (20022207)
        503321.98   3634875.90       59.31949  (21012023)                503371.98
3634875.90       60.38155  (20040823)
        503421.98   3634875.90       62.30233  (21121424)                503471.98
3634875.90       63.69959  (19121706)
        503521.98   3634875.90       63.78369  (19121706)                503571.98
3634875.90       61.57115  (20120224)
        503621.98   3634875.90       74.43152  (21021806)                503671.98
3634875.90       77.40883  (21012024)
        503721.98   3634875.90       80.58249  (21012024)                503771.98
3634875.90       76.30236  (21012024)
        503821.98   3634875.90       75.61068  (21012024)                503871.98
3634875.90       76.65684  (21013118)
        503921.98   3634875.90       96.69951  (19122420)                504721.98
3634875.90       19.59634  (20082303)
        502721.98   3634925.90       25.69588  (21011719)                502771.98
3634925.90       29.63328  (21011719)
        502821.98   3634925.90       33.10440  (21011719)                502871.98
3634925.90       35.96775  (21011719)
        502921.98   3634925.90       38.24902  (21011719)                502971.98
3634925.90       39.94600  (21011719)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)

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 - - -
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        503021.98   3635025.90       41.93963  (20022207)               503071.98
3635025.90       41.82454  (20022207)
        503121.98   3635025.90       43.29364  (21012023)               503171.98
3635025.90       43.02252  (21012023)
        503221.98   3635025.90       44.49258  (20040823)               503271.98
3635025.90       46.09739  (20040823)
        503321.98   3635025.90       47.41894  (21121424)               503371.98
3635025.90       47.59121  (19121706)
        503421.98   3635025.90       48.79055  (19121706)               503471.98
3635025.90       46.78932  (19121706)
        503521.98   3635025.90       44.17765  (19020322)               503571.98
3635025.90       51.52036  (20120224)
        503621.98   3635025.90       57.79914  (21021806)               503671.98
3635025.90       61.96148  (21021806)
        503721.98   3635025.90       82.60922  (20071102)               503771.98
3635025.90       92.54238  (19122420)
        503821.98   3635025.90       80.94574  (20092001)               504371.98
3635025.90       44.38490  (21012617)
        502721.98   3635075.90       30.08023  (21011719)               502771.98
3635075.90       29.65388  (21011719)
        502821.98   3635075.90       32.36034  (20022207)               502871.98
3635075.90       35.53992  (20022207)
        502921.98   3635075.90       37.63932  (20022207)               502971.98
3635075.90       38.37323  (20022207)
        503021.98   3635075.90       38.54238  (21012023)               503071.98
3635075.90       39.68504  (21012023)
        503121.98   3635075.90       38.92464  (21012023)               503171.98
3635075.90       40.68701  (20040823)
        503221.98   3635075.90       42.22301  (20040823)               503271.98
3635075.90       43.45024  (21121424)
        503321.98   3635075.90       43.25350  (21121424)               503371.98
3635075.90       45.07812  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 884
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503421.98 | 3635075.90 | 44.16696 | (19121706) | 503471.98 | 3635075.90 | 40.62576 | (19121706) |
| 503521.98 | 3635075.90 | 41.59216 | (20120224) | 503571.98 | 3635075.90 | 48.31891 | (20120224) |
| 503621.98 | 3635075.90 | 53.90467 | (21021806) | 503671.98 | 3635075.90 | 58.34189 | (21021806) |
| 503721.98 | 3635075.90 | 74.91151 | (20071102) | 503771.98 | 3635075.90 | 83.74040 | (19122420) |
| 503821.98 | 3635075.90 | 69.07675 | (19122420) | 504371.98 | 3635075.90 | 38.87408 | (21012617) |
| 504421.98 | 3635075.90 | 40.24855 | (21012617) | 504471.98 | 3635075.90 | 39.24810 | (21012617) |
| 504521.98 | 3635075.90 | 36.26944 | (21012617) | 502721.98 | 3635125.90 | 28.02716 | (20022207) |
| 502771.98 | 3635125.90 | 31.20265 | (20022207) | 502821.98 | 3635125.90 | 33.60533 | (20022207) |
| 502871.98 | 3635125.90 | 34.95929 | (20022207) | 502921.98 | 3635125.90 | 35.03917 | (20022207) |
| 502971.98 | 3635125.90 | 35.84451 | (21012023) | 503021.98 | 3635125.90 | 36.45660 | (21012023) |
| 503071.98 | 3635125.90 | 35.33331 | (21012023) | 503121.98 | 3635125.90 | 37.38128 | (20040823) |
| 503171.98 | 3635125.90 | 38.85126 | (20040823) | 503221.98 | 3635125.90 | 39.89091 | (21121424) |
| 503271.98 | 3635125.90 | 40.20014 | (21121424) | 503321.98 | 3635125.90 | 41.32305 | (19121706) |
| 503371.98 | 3635125.90 | 41.56060 | (19121706) | 503421.98 | 3635125.90 | 38.99645 | (19121706) |
| 503471.98 | 3635125.90 | 37.65082 | (19020322) | 503521.98 | 3635125.90 | 40.65380 | (20120224) |
| 503571.98 | 3635125.90 | 49.35153 | (20120224) | 503621.98 | 3635125.90 | 52.33042 | (21021806) |
| 503671.98 | 3635125.90 | 63.11117 | (19101219) | 503721.98 | 3635125.90 | 71.67509 | (20071102) |
| 503771.98 | 3635125.90 | 70.61807 | (19122420) | 503821.98 | 3635125.90 | 65.78459 | (19122420) |
| 504371.98 | 3635125.90 | 37.60177 | (20011620) | 504421.98 | 3635125.90 | 36.90814 | (21012617) |
| 504471.98 | 3635125.90 | 36.70653 | (21012617) | 504521.98 | | | |

3635125.90       36.07239  (21012617)
        504571.98   3635125.90       33.64401  (21012617)                502721.98
3635175.90       29.92122  (20022207)
        502771.98   3635175.90       31.64782  (20022207)                502821.98
3635175.90       32.35117  (20022207)
        502871.98   3635175.90       31.87152  (20022207)                502921.98
3635175.90       33.36221  (21012023)
        502971.98   3635175.90       33.54502  (21012023)                503021.98
3635175.90       32.16562  (21012023)
        503071.98   3635175.90       34.50373  (20040823)                503121.98
3635175.90       35.90108  (20040823)
        503171.98   3635175.90       36.73348  (21121424)                503221.98
3635175.90       37.43139  (21121424)
        503271.98   3635175.90       37.66163  (19121706)                503321.98
3635175.90       38.92703  (19121706)
        503371.98   3635175.90       37.36070  (19121706)                503421.98
3635175.90       34.54447  (19020322)
        503471.98   3635175.90       34.56669  (19020322)                503521.98
3635175.90       39.42587  (20120224)
        503571.98   3635175.90       51.37581  (20120224)                503621.98
3635175.90       55.66156  (21021806)
        503671.98   3635175.90       64.82495  (19101219)                503721.98
3635175.90       63.76021  (20071102)
        503771.98   3635175.90       62.88761  (19072224)                503821.98
3635175.90       59.65707  (19072224)
        504371.98   3635175.90       36.14337  (20011620)                504421.98
3635175.90       34.57923  (20011620)
        504471.98   3635175.90       32.27024  (21012617)                504521.98
3635175.90       33.65795  (21012617)
        504571.98   3635175.90       34.19136  (21012617)                504621.98
3635175.90       31.33380  (21012617)
        502721.98   3635225.90       29.71068  (20022207)                502771.98
3635225.90       29.90269  (20022207)
        502821.98   3635225.90       29.92084  (21012023)                502871.98
3635225.90       31.07391  (21012023)
        502921.98   3635225.90       30.90781  (21012023)                502971.98
3635225.90       29.36290  (21012023)
        503021.98   3635225.90       31.98140  (20040823)                503071.98
3635225.90       33.30270  (20040823)
        503121.98   3635225.90       33.88390  (21121424)                503171.98
3635225.90       34.92905  (21121424)



                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  ONSITE   ***
                                INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503221.98   3635225.90       34.14626  (19121706)               503271.98
3635225.90       36.28537  (19121706)
        503321.98   3635225.90       35.70997  (19121706)               503371.98
3635225.90       32.70144  (19121706)
        503421.98   3635225.90       32.55716  (19020322)               503471.98
3635225.90       31.74490  (20120224)
        503521.98   3635225.90       38.05581  (20120224)               503571.98
3635225.90       51.00656  (20120224)
        503621.98   3635225.90       61.20088  (21081004)               503671.98
3635225.90       64.28105  (19101219)
        504371.98   3635225.90       33.18103  (20011620)               504421.98
3635225.90       33.33721  (20011620)
        504471.98   3635225.90       31.29073  (20011620)               504521.98
3635225.90       29.64824  (21012617)
        504571.98   3635225.90       32.65274  (21012617)               504621.98
3635225.90       30.94489  (21012617)
        502721.98   3635275.90       27.54040  (20022207)               502771.98
3635275.90       28.19219  (21012023)
        502821.98   3635275.90       28.95603  (21012023)               502871.98
3635275.90       28.52841  (21012023)
        502921.98   3635275.90       27.08869  (20040823)               502971.98
3635275.90       29.72367  (20040823)
        503021.98   3635275.90       30.95008  (20040823)               503071.98
3635275.90       31.27341  (21121424)
        503121.98   3635275.90       32.56394  (21121424)               503171.98
3635275.90       31.79886  (21121424)
        503221.98   3635275.90       33.57436  (19121706)               503271.98
3635275.90       33.89002  (19121706)
        503321.98   3635275.90       31.82053  (19121706)               503371.98
3635275.90       29.93692  (19020322)

503421.98 3635275.90 30.21555 (19020322) 503471.98
3635275.90 31.72971 (20120224)
503521.98 3635275.90 36.69043 (20120224) 503571.98
3635275.90 42.88088 (20120224)
503621.98 3635275.90 53.66480 (21081004) 504371.98
3635275.90 32.10015 (20011620)
504421.98 3635275.90 34.54412 (20011620) 504471.98
3635275.90 32.71511 (20011620)
504521.98 3635275.90 29.55476 (20011620) 504571.98
3635275.90 28.74077 (21012617)
504621.98 3635275.90 30.45299 (21012617) 504671.98
3635275.90 28.63861 (21012617)
502721.98 3635325.90 26.59312 (21012023) 502771.98
3635325.90 28.36921 (21012023)
502821.98 3635325.90 28.19984 (21012023) 502871.98
3635325.90 26.23032 (21012023)
502921.98 3635325.90 28.44154 (20040823) 502971.98
3635325.90 29.08908 (20040823)
503021.98 3635325.90 30.17238 (20040823) 503071.98
3635325.90 32.18692 (21121424)
503121.98 3635325.90 32.48685 (21121424) 503171.98
3635325.90 32.07878 (19121706)
503221.98 3635325.90 31.97661 (19121706) 503271.98
3635325.90 30.77724 (19121706)
503321.98 3635325.90 27.56148 (19121706) 503371.98
3635325.90 28.40420 (19020322)
503421.98 3635325.90 27.64714 (19020322) 503471.98
3635325.90 31.41260 (20120224)
503521.98 3635325.90 35.18415 (20120224) 503571.98
3635325.90 38.05875 (21021806)
503621.98 3635325.90 48.81542 (21021806) 504371.98
3635325.90 28.05419 (20011620)
504421.98 3635325.90 30.79080 (20011620) 504471.98
3635325.90 31.56201 (20011620)
504521.98 3635325.90 29.16269 (20011620) 504571.98
3635325.90 26.39181 (20011620)
504621.98 3635325.90 27.00978 (21012617) 504671.98
3635325.90 31.02035 (21012617)
504721.98 3635325.90 26.69663 (21012617) 502721.98
3635375.90 28.05319 (21012023)
502771.98 3635375.90 34.83698 (21012023) 502821.98
3635375.90 35.88966 (20122721)
502871.98 3635375.90 36.41792 (20070801) 502921.98
3635375.90 37.01664 (20070802)
502971.98 3635375.90 29.01389 (20040823) 503021.98
3635375.90 40.70866 (21121424)
503071.98 3635375.90 42.99082 (19091321) 503121.98
3635375.90 31.80527 (21121424)
503171.98 3635375.90 32.36397 (19121706) 503221.98
3635375.90 29.58609 (19121706)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 27.19397 | (19121706) | 503321.98 | 3635375.90 | 26.25242 | (19020322) |
| 503371.98 | 3635375.90 | 26.56946 | (19020322) | 503421.98 | 3635375.90 | 25.32745 | (20120224) |
| 503471.98 | 3635375.90 | 30.89473 | (20120224) | 503521.98 | 3635375.90 | 33.63142 | (20120224) |
| 503571.98 | 3635375.90 | 36.66998 | (21021806) | 503621.98 | 3635375.90 | 41.80112 | (21021806) |
| 503671.98 | 3635375.90 | 52.28326 | (19101219) | 503721.98 | 3635375.90 | 53.69580 | (20071102) |
| 504371.98 | 3635375.90 | 22.40359 | (20011620) | 504421.98 | 3635375.90 | 26.28020 | (20011620) |
| 504471.98 | 3635375.90 | 28.13753 | (20011620) | 504521.98 | 3635375.90 | 28.29574 | (20011620) |
| 504571.98 | 3635375.90 | 26.48498 | (20011620) | 504621.98 | 3635375.90 | 25.59816 | (20011620) |
| 504671.98 | 3635375.90 | 27.23027 | (21012617) | 504721.98 | 3635375.90 | 27.99707 | (21012617) |
| 502721.98 | 3635425.90 | 30.75548 | (21012023) | 502771.98 | 3635425.90 | 34.81771 | (20070801) |
| 502821.98 | 3635425.90 | 36.21661 | (20070801) | 502871.98 | | | |

3635425.90 38.64427 (20070802)
502921.98 3635425.90 40.42751 (20070802) 502971.98
3635425.90 40.56509 (21121424)
503021.98 3635425.90 42.72014 (19091321) 503071.98
3635425.90 45.16686 (20042421)
503121.98 3635425.90 31.18382 (19121706) 503171.98
3635425.90 31.50390 (19121706)
503221.98 3635425.90 29.00849 (19121706) 503271.98
3635425.90 27.55207 (19121706)
503321.98 3635425.90 27.98272 (19020322) 503371.98
3635425.90 26.68327 (19020322)
503421.98 3635425.90 25.83246 (20120224) 503471.98
3635425.90 31.84147 (20120224)
503521.98 3635425.90 36.95551 (20120224) 503571.98
3635425.90 40.01012 (21021806)
503621.98 3635425.90 40.97022 (21021806) 503671.98
3635425.90 49.78869 (19101219)
503721.98 3635425.90 52.25735 (20071102) 503771.98
3635425.90 50.29052 (20071102)
503821.98 3635425.90 51.82919 (19122420) 504371.98
3635425.90 22.42489 (21121422)
504421.98 3635425.90 23.82326 (20011620) 504471.98
3635425.90 27.31328 (20011620)
504521.98 3635425.90 27.25425 (20011620) 504571.98
3635425.90 27.29982 (20011620)
504621.98 3635425.90 27.82966 (20011620) 504671.98
3635425.90 27.07908 (21122618)
504721.98 3635425.90 26.62593 (21122618) 502721.98
3635475.90 32.05122 (20122721)
502771.98 3635475.90 34.39823 (20070801) 502821.98
3635475.90 36.46642 (20070802)
502871.98 3635475.90 38.73093 (20070802) 502921.98
3635475.90 38.41863 (21121424)
502971.98 3635475.90 41.52401 (19091321) 503021.98
3635475.90 43.20607 (20042421)
503071.98 3635475.90 42.69818 (20042421) 503121.98
3635475.90 30.60295 (19121706)
503171.98 3635475.90 29.59541 (19121706) 503221.98
3635475.90 27.73069 (19121706)
503271.98 3635475.90 27.93036 (19020322) 503321.98
3635475.90 28.10463 (19020322)
503371.98 3635475.90 25.72322 (19020322) 503421.98
3635475.90 27.24280 (20120224)
503471.98 3635475.90 33.84977 (20120224) 503521.98
3635475.90 36.86719 (20120224)
503571.98 3635475.90 40.95739 (21021806) 503621.98
3635475.90 40.11985 (21021806)
503671.98 3635475.90 43.81770 (19101219) 503721.98
3635475.90 44.75507 (20071102)
503771.98 3635475.90 48.53085 (20071102) 503821.98

3635475.90       47.82168  (19122420)
        503871.98   3635475.90       53.63724  (19122420)                503921.98
3635475.90       52.12867  (19122420)
        504371.98   3635475.90       13.22704  (20040223)                504421.98
3635475.90       16.68603  (20011620)
        504471.98   3635475.90       21.81568  (20011620)                504521.98
3635475.90       23.82456  (20011620)
        504571.98   3635475.90       26.38203  (20011620)                504621.98
3635475.90       27.99472  (20011620)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504671.98   3635475.90       28.92642  (21122618)                504721.98
3635475.90       39.08877  (21122618)
        502221.98   3632975.90        4.21513  (19010119)                502271.98
3632975.90        5.19923  (21030103)
        502321.98   3632975.90        6.48724  (21030103)                502371.98
3632975.90        7.89704  (21030103)
        502421.98   3632975.90        9.35137  (21030103)                502471.98
3632975.90       10.74507  (21030103)
        502521.98   3632975.90       11.95036  (21030103)                502571.98
3632975.90       12.84440  (21030103)
        502621.98   3632975.90       13.31137  (21030103)                502671.98
3632975.90       15.02695  (20121603)

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        502721.98   3632975.90       17.22152  (20121603)                502771.98
3632975.90       19.60799  (20121603)
        502821.98   3632975.90       27.02913  (20121603)                502871.98
3632975.90       28.68414  (20121603)
        502921.98   3632975.90       30.30931  (20092124)                502971.98
3632975.90       28.73149  (20090205)
        503021.98   3632975.90       29.79277  (20090205)                503071.98
3632975.90       33.35912  (20090205)
        503121.98   3632975.90       31.44025  (20102407)                503171.98
3632975.90       32.33902  (20111701)
        503221.98   3632975.90       32.37743  (20111701)                503271.98
3632975.90       32.93887  (19081924)
        503321.98   3632975.90       36.33422  (19081924)                503371.98
3632975.90       36.29676  (19081924)
        503421.98   3632975.90       33.84516  (19110606)                503471.98
3632975.90       34.75904  (19110606)
        503621.98   3632975.90       31.14035  (20050102)                503671.98
3632975.90       29.34649  (19042705)
        503721.98   3632975.90       26.60412  (19042705)                503771.98
3632975.90       29.69087  (20082921)
        503821.98   3632975.90       25.54075  (20082921)                503871.98
3632975.90       21.98675  (20082921)
        503921.98   3632975.90       21.17939  (20080820)                503971.98
3632975.90       21.98568  (20022622)
        504021.98   3632975.90       21.94090  (21013120)                504071.98
3632975.90       21.43371  (21011302)
        504121.98   3632975.90       21.24657  (19102905)                504171.98
3632975.90       21.33292  (19102905)
        504221.98   3632975.90       21.53731  (20022403)                504271.98
3632975.90       21.29951  (21011620)
        504321.98   3632975.90       21.12955  (21013021)                504371.98
3632975.90       21.49849  (21013021)
        504421.98   3632975.90       20.63525  (21013021)                504471.98
3632975.90       20.50787  (21120723)
        504521.98   3632975.90       20.24490  (20073020)                504571.98
3632975.90       19.80221  (20112022)
        504621.98   3632975.90       20.19968  (21011323)                504671.98
3632975.90       19.81690  (21010102)
        504721.98   3632975.90       19.77723  (20011902)                504771.98
3632975.90       19.39863  (20011902)
        504821.98   3632975.90       19.52787  (19022705)                504871.98
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        504921.98   3632975.90       19.29226  (21011520)                504971.98
3632975.90       18.97381  (21011520)
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3632975.90       18.47002  (19122301)
        505121.98   3632975.90       18.25507  (20122923)                505171.98
3632975.90       17.64040  (20122923)
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3633025.90        4.80141  (19010119)
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        502671.98   3633025.90       13.94342  (21030103)                502721.98
3633025.90       16.41352  (20121603)
        502771.98   3633025.90       18.55967  (20121603)                502821.98
3633025.90       27.99269  (20121603)
        502871.98   3633025.90       29.94967  (20121603)                502921.98
3633025.90       28.58537  (20121603)
        502971.98   3633025.90       27.62191  (20090205)                503021.98
3633025.90       32.64252  (20090205)
        503071.98   3633025.90       36.59862  (20090205)                503121.98
3633025.90       30.56493  (20090205)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 888
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503171.98   3633025.90       31.46444  (20111701)                503221.98
3633025.90       32.47435  (20111701)
        503271.98   3633025.90       32.55110  (19081924)                503321.98
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3633025.90       37.90866  (19081924)
        503371.98   3633025.90       37.97426  (19081924)                503421.98
3633025.90       34.12092  (19110606)
        503471.98   3633025.90       35.78269  (19110606)                503621.98
3633025.90       30.85070  (20050102)
        503671.98   3633025.90       29.93943  (19042705)                503721.98
3633025.90       27.88941  (19042705)
        503771.98   3633025.90       28.31813  (20082921)                503821.98
3633025.90       24.57609  (20082921)
        503871.98   3633025.90       22.23745  (20082921)                503921.98
3633025.90       21.92268  (19032124)
        503971.98   3633025.90       22.50436  (20022622)                504021.98
3633025.90       22.48796  (21013120)
        504071.98   3633025.90       21.72340  (21011302)                504121.98
3633025.90       22.10651  (19102905)
        504171.98   3633025.90       21.84027  (19121107)                504221.98
3633025.90       21.92424  (20022403)
        504271.98   3633025.90       21.92176  (21011620)                504321.98
3633025.90       22.15329  (21013021)
        504371.98   3633025.90       21.74724  (21013021)                504421.98
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        504571.98   3633025.90       20.69778  (21011323)                504621.98
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3633025.90       20.13717  (20011902)
        504771.98   3633025.90       20.11458  (19022705)                504821.98
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        504871.98   3633025.90       19.77810  (21011520)                504921.98
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        504971.98   3633025.90       19.23841  (21010522)                505021.98
3633025.90       19.00297  (19122301)
        505071.98   3633025.90       18.77934  (20122923)                505121.98
3633025.90       18.22931  (20122923)
        505171.98   3633025.90       18.13268  (20100121)                505221.98
3633025.90       18.41178  (21022502)
        502221.98   3633075.90        5.40406  (19010119)                502271.98
3633075.90        5.11697  (19010119)
        502321.98   3633075.90        4.75912  (19010119)                502371.98
3633075.90        5.91747  (21030103)
        502421.98   3633075.90        7.41352  (21030103)                502471.98
3633075.90        9.03218  (21030103)
        502521.98   3633075.90       10.67835  (21030103)                502571.98
3633075.90       12.21304  (21030103)
        502621.98   3633075.90       13.47465  (21030103)                502671.98
3633075.90       14.31073  (21030103)
        502721.98   3633075.90       15.23373  (20121603)                502771.98
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        502821.98   3633075.90       26.33685  (20121603)                502871.98
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3633075.90       31.13554  (21063005)
        503021.98   3633075.90       34.15957  (20090205)                503071.98
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3633075.90       31.27886  (20102407)
        503221.98   3633075.90       31.79759  (20111701)                503271.98
3633075.90       33.26700  (20111701)
        503321.98   3633075.90       38.04953  (19081924)                503371.98
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        503421.98   3633075.90       34.28098  (19110606)                503471.98
3633075.90       36.75825  (19110606)
        503621.98   3633075.90       30.70493  (20050102)                503671.98
3633075.90       29.72985  (19042705)
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        503821.98   3633075.90       24.39765  (20082921)                503871.98
3633075.90       22.61750  (20082921)
        503921.98   3633075.90       22.69411  (19032124)                503971.98
3633075.90       22.91806  (20022622)
        504021.98   3633075.90       22.88847  (21013120)                504071.98
3633075.90       21.95097  (21011302)
        504121.98   3633075.90       22.72746  (19102905)                504171.98
3633075.90       22.72585  (20022403)
        504221.98   3633075.90       22.35817  (21011620)                504271.98
3633075.90       22.21155  (21011620)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3

**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 22.74594 | (21013021) | 504371.98 | 3633075.90 | 21.87611 | (21013021) |
| 504421.98 | 3633075.90 | 21.58115 | (21120723) | 504471.98 | 3633075.90 | 21.47632 | (20073020) |
| 504521.98 | 3633075.90 | 20.96861 | (21011323) | 504571.98 | 3633075.90 | 21.21510 | (21011323) |
| 504621.98 | 3633075.90 | 21.01674 | (21010102) | 504671.98 | 3633075.90 | 20.83327 | (20011902) |
| 504721.98 | 3633075.90 | 20.65389 | (19022705) | 504771.98 | 3633075.90 | 20.61234 | (21021820) |
| 504821.98 | 3633075.90 | 20.24509 | (21011520) | 504871.98 | 3633075.90 | 20.29696 | (21011520) |
| 504921.98 | 3633075.90 | 19.78628 | (21010522) | 504971.98 | 3633075.90 | 19.56548 | (19122301) |
| 505021.98 | 3633075.90 | 19.33884 | (20122923) | 505071.98 | 3633075.90 | 18.83837 | (20122923) |
| 505121.98 | 3633075.90 | 18.67277 | (21022502) | 505171.98 | 3633075.90 | 18.93352 | (21022502) |
| 505221.98 | 3633075.90 | 18.43156 | (19120104) | 502221.98 | 3633125.90 | 5.98571 | (19010119) |
| 502271.98 | 3633125.90 | 5.75487 | (19010119) | 502321.98 | 3633125.90 | 5.44529 | (19010119) |
| 502371.98 | 3633125.90 | 5.07001 | (19010119) | 502421.98 | 3633125.90 | 6.33081 | (21030103) |
| 502471.98 | 3633125.90 | 7.94499 | (21030103) | 502521.98 | 3633125.90 | 9.68830 | (21030103) |
| 502571.98 | 3633125.90 | 11.44017 | (21030103) | 502621.98 | 3633125.90 | 13.04336 | (21030103) |
| 502671.98 | 3633125.90 | 14.32100 | (21030103) | 502721.98 | 3633125.90 | 15.10492 | (21030103) |
| 502771.98 | 3633125.90 | 16.79044 | (20121603) | 502821.98 | 3633125.90 | 19.84811 | (20121603) |
| 502871.98 | 3633125.90 | 28.65749 | (20121603) | 502921.98 | 3633125.90 | 30.67784 | (20121603) |
| 502971.98 | 3633125.90 | 32.88923 | (20092124) | 503021.98 | 3633125.90 | 37.32481 | (20092124) |
| 503071.98 | 3633125.90 | 39.99016 | (20092124) | 503121.98 | 3633125.90 | 38.33685 | (20092124) |
| 503171.98 | 3633125.90 | 32.18897 | (20092124) | 503221.98 | 3633125.90 | 31.69860 | (20082723) |
| 503271.98 | 3633125.90 | 33.93950 | (20111701) | 503321.98 | 3633125.90 | 38.17611 | (19081924) |
| 503371.98 | 3633125.90 | 40.55204 | (19081924) | 503421.98 | 3633125.90 | 35.53845 | (19081924) |

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        503471.98   3633125.90       37.62277  (19110606)                503621.98
3633125.90       30.54600  (19091221)
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3633125.90       27.53930  (20082921)
        503771.98   3633125.90       26.54406  (20082921)                503821.98
3633125.90       24.54010  (20082921)
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3633125.90       23.28217  (21011620)
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3633125.90       23.03689  (21013021)
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3633125.90       21.19772  (21021820)
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3633125.90       20.95163  (21011520)
        504871.98   3633125.90       20.33858  (21010522)                504921.98
3633125.90       20.16748  (21010522)
        504971.98   3633125.90       19.93380  (20122923)                505021.98
3633125.90       19.48026  (20122923)
        505071.98   3633125.90       19.26004  (21022502)                505121.98
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        505171.98   3633125.90       18.97631  (19120104)                505221.98
3633125.90       18.65236  (19112707)
        502221.98   3633175.90        6.49460  (19010119)                502271.98
3633175.90        6.35054  (19010119)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 890
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
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                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3633175.90        6.11791  (19010119)               502371.98
3633175.90        5.80917  (19010119)
        502421.98   3633175.90        5.41910  (19010119)               502471.98
3633175.90        6.78795  (21030103)
        502521.98   3633175.90        8.53717  (21030103)               502571.98
3633175.90       10.41369  (21030103)
        502621.98   3633175.90       12.27684  (21030103)               502671.98
3633175.90       13.94595  (21030103)
        502721.98   3633175.90       15.21875  (21030103)               502771.98
3633175.90       18.91392  (21030103)
        502821.98   3633175.90       25.61935  (21030103)               502871.98
3633175.90       24.83927  (20121603)
        502921.98   3633175.90       30.26702  (20121603)               502971.98
3633175.90       30.71258  (20121603)
        503021.98   3633175.90       35.42551  (20092124)               503071.98
3633175.90       38.21840  (20092124)
        503121.98   3633175.90       39.25171  (20092124)               503171.98
3633175.90       33.21435  (20092124)
        503221.98   3633175.90       32.72940  (20082723)               503271.98
3633175.90       35.44563  (20111701)
        503321.98   3633175.90       37.53792  (19081924)               503371.98
3633175.90       41.05489  (19081924)
        503421.98   3633175.90       37.69968  (19081924)               503471.98
3633175.90       38.23690  (19110606)
        503621.98   3633175.90       30.26060  (19091221)               503671.98
3633175.90       30.19475  (20101121)
        503721.98   3633175.90       26.24446  (19031202)               503771.98
3633175.90       26.04937  (20082921)
        503821.98   3633175.90       24.91514  (20082921)               503871.98
3633175.90       23.75489  (20082921)
        503921.98   3633175.90       24.82789  (20022622)               503971.98
3633175.90       24.77187  (21013120)
        504021.98   3633175.90       23.93951  (21011302)               504071.98
3633175.90       24.19426  (19102905)
        504121.98   3633175.90       23.93440  (19121107)               504171.98
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3633175.90       23.73517  (20022403)
        504221.98   3633175.90       23.71577  (21011620)                504271.98
3633175.90       24.17801  (21013021)
        504321.98   3633175.90       23.19818  (21013021)                504371.98
3633175.90       22.79384  (21120723)
        504421.98   3633175.90       22.84820  (20073020)                504471.98
3633175.90       22.53373  (21011323)
        504521.98   3633175.90       22.26529  (21011323)                504571.98
3633175.90       22.16245  (21010102)
        504621.98   3633175.90       21.81441  (20011902)                504671.98
3633175.90       21.84541  (19022705)
        504721.98   3633175.90       21.61889  (21021820)                504771.98
3633175.90       21.62847  (21011520)
        504821.98   3633175.90       20.99732  (21011520)                504871.98
3633175.90       20.83702  (21010522)
        504921.98   3633175.90       20.55380  (20122923)                504971.98
3633175.90       20.14540  (20122923)
        505021.98   3633175.90       19.89765  (21022502)                505071.98
3633175.90       20.05441  (21022502)
        505121.98   3633175.90       19.54503  (19120104)                505171.98
3633175.90       19.25332  (19112707)
        505221.98   3633175.90       19.30995  (20021702)                502221.98
3633225.90        6.90861  (19010119)
        502271.98   3633225.90        6.88475  (19010119)                502321.98
3633225.90        6.75500  (19010119)
        502371.98   3633225.90        6.53629  (19010119)                502421.98
3633225.90        6.21127  (19010119)
        502471.98   3633225.90        5.79284  (19010119)                502521.98
3633225.90        7.29331  (21030103)
        502571.98   3633225.90        9.19027  (21030103)                502621.98
3633225.90       11.21122  (21030103)
        502671.98   3633225.90       13.19180  (21030103)                502721.98
3633225.90       15.09484  (21030103)
        502771.98   3633225.90       17.28568  (21030103)                502821.98
3633225.90       21.45331  (21030103)
        502871.98   3633225.90       25.74927  (20121603)                502921.98
3633225.90       28.64862  (20121603)
        502971.98   3633225.90       29.09487  (20121603)                503021.98
3633225.90       30.89949  (20121603)
        503071.98   3633225.90       33.84167  (20092124)                503121.98
3633225.90       34.01932  (20092124)
        503171.98   3633225.90       34.98774  (20092124)                503221.98
3633225.90       33.16969  (20092124)
        503271.98   3633225.90       35.69663  (20082723)                503321.98
3633225.90       37.69280  (20111701)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE  ***
INCLUDING SOURCE(S):  L0000938  , L0000939 , L0000940  , L0000941  , L0000942  ,
L0000943  , L0000944  , L0000945  , L0000946  , L0000947 , L0000948  , L0000949  , L0000950  ,
L0000951  , L0000952  , L0000953  , L0000954  , L0000955 , L0000956  , L0000957  , L0000958  ,
L0000959  , L0000960  , L0000961  , L0000962  , L0000963 , L0000964  , L0000965  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503371.98 | 3633225.90 | 40.04637 | (19081924) | 503421.98 | 3633225.90 | 39.31303 | (19081924) |
| 503471.98 | 3633225.90 | 38.38671 | (19110606) | 503621.98 | 3633225.90 | 31.03794 | (19091221) |
| 503671.98 | 3633225.90 | 30.26088 | (20101121) | 503721.98 | 3633225.90 | 25.51774 | (20082921) |
| 503771.98 | 3633225.90 | 26.70972 | (20082921) | 503821.98 | 3633225.90 | 25.47619 | (20082921) |
| 503871.98 | 3633225.90 | 24.57645 | (20080820) | 503921.98 | 3633225.90 | 25.67208 | (20022622) |
| 503971.98 | 3633225.90 | 25.50575 | (21013120) | 504021.98 | 3633225.90 | 24.20757 | (21011302) |
| 504071.98 | 3633225.90 | 24.95788 | (19102905) | 504121.98 | 3633225.90 | 25.08225 | (20022403) |
| 504171.98 | 3633225.90 | 24.81708 | (21011620) | 504221.98 | 3633225.90 | 24.93279 | (21013021) |
| 504271.98 | 3633225.90 | 24.49922 | (21013021) | 504321.98 | 3633225.90 | 23.93746 | (21120723) |
| 504371.98 | 3633225.90 | 23.39899 | (20073020) | 504421.98 | 3633225.90 | 23.33060 | (20073020) |
| 504471.98 | 3633225.90 | 23.24690 | (21011323) | 504521.98 | 3633225.90 | 23.00064 | (21010102) |
| 504571.98 | 3633225.90 | 22.69430 | (20011902) | 504621.98 | 3633225.90 | 22.61170 | (19022705) |
| 504671.98 | 3633225.90 | 22.42176 | (21021820) | 504721.98 | 3633225.90 | 22.33874 | (21011520) |

504771.98 3633225.90 21.79713 (21011520) 504821.98 3633225.90 21.54026 (21010522)
504871.98 3633225.90 21.19502 (20122923) 504921.98 3633225.90 20.82796 (20122923)
504971.98 3633225.90 20.58262 (21022502) 505021.98 3633225.90 20.67599 (21022502)
505071.98 3633225.90 20.15348 (19120104) 505121.98 3633225.90 19.89386 (20021702)
505171.98 3633225.90 19.85878 (20021702) 505221.98 3633225.90 19.57342 (20020804)
502221.98 3633275.90 7.60628 (21111004) 502271.98 3633275.90 7.29564 (19010119)
502321.98 3633275.90 7.30695 (19010119) 502371.98 3633275.90 7.20290 (19010119)
502421.98 3633275.90 6.97895 (19010119) 502471.98 3633275.90 6.64622 (19010119)
502521.98 3633275.90 6.21528 (19010119) 502571.98 3633275.90 7.85472 (21030103)
502621.98 3633275.90 9.91519 (21030103) 502671.98 3633275.90 12.09337 (21030103)
502721.98 3633275.90 14.19857 (21030103) 502771.98 3633275.90 17.12082 (21030103)
502821.98 3633275.90 32.14385 (20122620) 502871.98 3633275.90 26.21477 (21030103)
502921.98 3633275.90 24.74628 (20121603) 502971.98 3633275.90 27.22903 (20121603)
503021.98 3633275.90 31.67705 (20121603) 503071.98 3633275.90 26.78616 (20121603)
503121.98 3633275.90 23.93846 (21063005) 503171.98 3633275.90 26.77514 (21063005)
503221.98 3633275.90 34.72665 (20092124) 503271.98 3633275.90 37.39787 (20082723)
503321.98 3633275.90 39.47938 (20111701) 503371.98 3633275.90 40.71825 (19081924)
503421.98 3633275.90 40.14639 (19081924) 503471.98 3633275.90 35.17922 (21020924)
503621.98 3633275.90 30.57797 (19082022) 503671.98 3633275.90 29.65483 (20101121)
503721.98 3633275.90 25.24718 (20082921) 503771.98 3633275.90 27.17300 (20082921)
503821.98 3633275.90 26.10069 (20082921) 503871.98 3633275.90 25.66861 (19032124)
503921.98 3633275.90 26.33395 (20022622) 503971.98 3633275.90 26.12570 (21011302)
504021.98 3633275.90 25.27552 (19102905) 504071.98 3633275.90 25.58763 (21022205)
504121.98 3633275.90 25.72761 (20022403) 504171.98 3633275.90 25.51406 (21011620)
504221.98 3633275.90 25.85935 (21013021) 504271.98 3633275.90 24.71893 (21120723)

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3633275.90       23.59823  (20011902)                504571.98
3633275.90       23.37748  (19022705)
        504621.98   3633275.90       23.25008  (21021820)                504671.98
3633275.90       23.07574  (21011520)
        504721.98   3633275.90       22.62057  (21011520)                504771.98
3633275.90       22.26919  (21010522)
        504821.98   3633275.90       21.90010  (19122301)                504871.98
3633275.90       21.53473  (20122923)
        504921.98   3633275.90       21.28706  (21022502)                504971.98
3633275.90       21.33693  (19102119)
        505021.98   3633275.90       20.79659  (19120104)                505071.98
3633275.90       20.61038  (20021702)
        505121.98   3633275.90       20.44265  (20021702)                505171.98
3633275.90       20.12316  (20020804)
        505221.98   3633275.90       19.70784  (21010922)                502221.98
3633325.90        8.81014  (21111004)
        502271.98   3633325.90        8.31466  (21111004)                502321.98

3633325.90 7.71979 (19010119)
502371.98 3633325.90 7.76063 (19010119) 502421.98
3633325.90 7.67695 (19010119)
502471.98 3633325.90 7.46116 (19010119) 502521.98
3633325.90 7.12848 (19010119)
502571.98 3633325.90 6.67891 (19010119) 502621.98
3633325.90 8.47917 (21030103)
502671.98 3633325.90 10.72241 (21030103) 502721.98
3633325.90 13.07354 (21030103)
502771.98 3633325.90 16.98894 (21030103) 502821.98
3633325.90 23.12329 (21030103)
502871.98 3633325.90 18.54946 (21030103) 502921.98
3633325.90 21.82944 (20121603)
502971.98 3633325.90 25.81314 (20121603) 503021.98
3633325.90 28.78663 (20121603)
503071.98 3633325.90 27.90695 (20121603) 503121.98
3633325.90 25.74296 (20121603)
503171.98 3633325.90 23.86107 (21063005) 503221.98
3633325.90 24.92656 (21063005)
503271.98 3633325.90 39.58111 (20092124) 503321.98
3633325.90 41.10552 (20111701)
503371.98 3633325.90 41.71088 (20111701) 503421.98
3633325.90 36.25141 (20090124)
503471.98 3633325.90 32.55515 (21020924) 503621.98
3633325.90 30.03155 (19082022)
503671.98 3633325.90 28.57442 (20101121) 503721.98
3633325.90 25.35969 (20091518)
503771.98 3633325.90 28.04632 (20082921) 503821.98
3633325.90 26.79480 (20082921)
503871.98 3633325.90 26.90435 (19032124) 503921.98
3633325.90 27.17708 (21013120)
503971.98 3633325.90 26.82025 (21011302) 504021.98
3633325.90 26.68370 (19102905)
504071.98 3633325.90 26.58459 (20022403) 504121.98
3633325.90 26.34438 (21011620)
504171.98 3633325.90 26.58177 (21013021) 504221.98
3633325.90 26.21457 (21013021)
504271.98 3633325.90 25.57997 (21120723) 504321.98
3633325.90 25.08187 (20073020)
504371.98 3633325.90 24.78033 (20073020) 504421.98
3633325.90 24.55889 (21011323)
504471.98 3633325.90 24.46829 (20011902) 504521.98
3633325.90 24.10526 (19022705)
504571.98 3633325.90 24.11251 (21021820) 504621.98
3633325.90 23.83385 (21011520)
504671.98 3633325.90 23.48848 (21011520) 504721.98
3633325.90 23.06984 (21010522)
504771.98 3633325.90 22.65842 (19122301) 504821.98
3633325.90 22.26364 (20122923)
504871.98 3633325.90 22.05064 (21022502) 504921.98

3633325.90       22.02064  (19102119)
        504971.98   3633325.90       21.44039  (19120104)                505021.98
3633325.90       21.32516  (20021702)
        505071.98   3633325.90       21.03602  (20021702)                505121.98
3633325.90       20.70148  (20020804)
        505171.98   3633325.90       20.35842  (21012402)                505221.98
3633325.90       20.06925  (21012402)
        502221.98   3633375.90        9.90390  (21111004)                502271.98
3633375.90        9.57221  (21111004)
        502321.98   3633375.90        9.09041  (21111004)                502371.98
3633375.90        8.47122  (21111004)
        502421.98   3633375.90        8.24561  (19010119)                502471.98
3633375.90        8.19281  (19010119)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M) Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502521.98   3633375.90        7.99979  (19010119)                502571.98
3633375.90        7.66403  (19010119)
        502621.98   3633375.90        7.19485  (19010119)                502671.98
3633375.90        9.17758  (21030103)
        502721.98   3633375.90       11.62535  (21030103)                502771.98
3633375.90       14.16623  (21030103)
        502821.98   3633375.90       16.53893  (21030103)                502871.98
3633375.90       18.43706  (21030103)

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        502921.98   3633375.90       19.55561  (21030103)              502971.98
3633375.90       23.36869  (20121603)
        503021.98   3633375.90       27.57785  (20121603)              503071.98
3633375.90       28.12330  (20121603)
        503121.98   3633375.90       27.76233  (20121603)              503171.98
3633375.90       25.46152  (20121603)
        503221.98   3633375.90       25.34736  (21063005)              503271.98
3633375.90       27.61277  (20102407)
        503321.98   3633375.90       38.44177  (20111701)              503371.98
3633375.90       43.87347  (20111701)
        503421.98   3633375.90       33.72565  (20090124)              503471.98
3633375.90       36.89575  (21020924)
        503621.98   3633375.90       32.50295  (19082022)              503671.98
3633375.90       29.50150  (20101121)
        503721.98   3633375.90       26.98038  (20082921)              503771.98
3633375.90       29.39983  (20082921)
        503821.98   3633375.90       27.92814  (20082921)              503871.98
3633375.90       28.41214  (20022622)
        503921.98   3633375.90       28.53591  (21013120)              503971.98
3633375.90       28.12830  (20080922)
        504021.98   3633375.90       27.68236  (19102905)              504071.98
3633375.90       27.88013  (20022403)
        504121.98   3633375.90       27.47787  (21011620)              504171.98
3633375.90       27.80263  (21013021)
        504221.98   3633375.90       26.59274  (21120723)              504271.98
3633375.90       26.01383  (20073022)
        504321.98   3633375.90       26.12845  (20073020)              504371.98
3633375.90       25.71004  (21011323)
        504421.98   3633375.90       25.44705  (21010102)              504471.98
3633375.90       24.95327  (20011902)
        504521.98   3633375.90       24.98761  (21021820)              504571.98
3633375.90       24.60963  (21011520)
        504621.98   3633375.90       24.41331  (21011520)              504671.98
3633375.90       23.89889  (21010522)
        504721.98   3633375.90       23.47320  (19122301)              504771.98
3633375.90       23.04344  (20122923)
        504821.98   3633375.90       22.87894  (21022502)              504871.98
3633375.90       22.78448  (19102119)
        504921.98   3633375.90       22.10553  (19120104)              504971.98
3633375.90       22.02026  (20021702)
        505021.98   3633375.90       21.69422  (20020804)              505071.98
3633375.90       21.28082  (21010922)
        505121.98   3633375.90       21.05883  (21012402)              505171.98
3633375.90       20.74314  (20121620)
        505221.98   3633375.90       20.51816  (20022406)              502221.98
3633425.90       10.76475  (21111004)
        502271.98   3633425.90       10.65540  (21111004)              502321.98
3633425.90       10.37268  (21111004)
        502371.98   3633425.90        9.92327  (21111004)              502421.98
3633425.90        9.31545  (21111004)
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        502471.98   3633425.90        8.78206  (19010119)               502521.98
3633425.90        8.76789  (19010119)
        502571.98   3633425.90        8.59358  (19010119)               502621.98
3633425.90        8.25885  (19010119)
        502671.98   3633425.90        7.76970  (19010119)               502721.98
3633425.90        9.96384  (21030103)
        502771.98   3633425.90       12.64321  (21030103)               502821.98
3633425.90       15.39517  (21030103)
        502871.98   3633425.90       17.91013  (21030103)               502921.98
3633425.90       19.82996  (21030103)
        502971.98   3633425.90       21.66797  (20121603)               503021.98
3633425.90       25.88498  (20121603)
        503071.98   3633425.90       28.79443  (20121603)               503121.98
3633425.90       29.80511  (20121603)
        503171.98   3633425.90       28.60962  (20121603)               503221.98
3633425.90       25.43151  (20121603)
        503271.98   3633425.90       26.22977  (20102407)               503321.98
3633425.90       39.17100  (20102407)
        503371.98   3633425.90       44.24009  (20111701)               503421.98
3633425.90       35.38049  (21110603)
        503471.98   3633425.90       39.77005  (21020924)               503621.98
3633425.90       37.99974  (19082022)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 894
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503671.98   3633425.90       32.89904  (20101121)                503721.98
3633425.90       29.50163  (20082921)
        503771.98   3633425.90       31.09318  (20082921)                503821.98
3633425.90       29.46358  (20081802)
        503871.98   3633425.90       29.79883  (20022622)                503921.98
3633425.90       30.38355  (20081802)
        503971.98   3633425.90       30.48808  (20080922)                504021.98
3633425.90       28.47654  (21022205)
        504071.98   3633425.90       28.40196  (20022403)                504121.98
3633425.90       28.54816  (20081021)
        504171.98   3633425.90       28.25337  (21013021)                504221.98
3633425.90       27.59725  (20073022)
        504271.98   3633425.90       27.91048  (20072721)                504321.98
3633425.90       29.86850  (20072721)
        504371.98   3633425.90       26.90406  (20072922)                504421.98
3633425.90       26.11720  (20011902)
        504471.98   3633425.90       25.96045  (19022705)                504521.98
3633425.90       25.49264  (21021820)
        504571.98   3633425.90       25.41909  (21011520)                504621.98
3633425.90       24.80766  (21010522)
        504671.98   3633425.90       24.32825  (19122301)                504721.98
3633425.90       23.85410  (20122923)
        504771.98   3633425.90       23.73193  (21022502)                504821.98
3633425.90       23.63812  (19102119)
        504871.98   3633425.90       22.83088  (19120104)                504921.98
3633425.90       22.90645  (20081805)
        504971.98   3633425.90       22.69227  (20081805)                505021.98
3633425.90       21.99779  (21010922)
        505071.98   3633425.90       21.73678  (21012402)                505121.98
3633425.90       21.43347  (20121620)
        505171.98   3633425.90       21.19076  (21022520)                505221.98
3633425.90       20.63220  (19010903)
        502221.98   3633475.90       11.30960  (21111004)                502271.98
3633475.90       11.46757  (21111004)
        502321.98   3633475.90       11.45198  (21111004)                502371.98
3633475.90       11.24967  (21111004)
        502421.98   3633475.90       10.85470  (21111004)                502471.98
3633475.90       10.28173  (21111004)
        502521.98   3633475.90        9.50395  (21111004)                502571.98
3633475.90        9.38457  (19010119)
        502621.98   3633475.90        9.24584  (19010119)                502671.98
3633475.90        8.91689  (19010119)
        504771.98   3633475.90       24.51852  (19102119)                504821.98
3633475.90       23.98676  (20080220)
        504871.98   3633475.90       25.47521  (20081805)                504921.98
3633475.90       25.82536  (20081805)
        504971.98   3633475.90       24.12287  (20081803)                505021.98
3633475.90       22.39638  (21012402)
        505071.98   3633475.90       22.09653  (20121620)                505121.98
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3633475.90       21.83922  (21022520)
        505171.98   3633475.90       21.28647  (19010903)                505221.98
3633475.90       21.46912  (21011418)
        502221.98   3633525.90       11.47021  (21111004)                502271.98
3633525.90       11.91385  (21111004)
        502321.98   3633525.90       12.19804  (21111004)                502371.98
3633525.90       12.31231  (21111004)
        502421.98   3633525.90       12.21558  (21111004)                502471.98
3633525.90       11.89359  (21111004)
        502521.98   3633525.90       11.32107  (21111004)                502571.98
3633525.90       10.53390  (21111004)
        502621.98   3633525.90       10.05011  (19010119)                502671.98
3633525.90        9.95203  (19010119)
        504771.98   3633525.90       25.47492  (20081805)                504821.98
3633525.90       26.62114  (20081805)
        504871.98   3633525.90       26.78374  (20081805)                504921.98
3633525.90       27.12944  (20081803)
        504971.98   3633525.90       26.85437  (20081803)                505021.98
3633525.90       25.13751  (20111118)
        505071.98   3633525.90       22.77735  (20111118)                505121.98
3633525.90       22.25106  (20082222)
        505171.98   3633525.90       21.75961  (21011418)                505221.98
3633525.90       22.07043  (21011418)
        502221.98   3633575.90       11.21280  (21111004)                502271.98
3633575.90       11.90335  (21111004)
        502321.98   3633575.90       12.49547  (21111004)                502371.98
3633575.90       12.95168  (21111004)
        502421.98   3633575.90       13.20115  (21111004)                502471.98
3633575.90       13.20985  (21111004)
        502521.98   3633575.90       12.96339  (21111004)                502571.98
3633575.90       12.46050  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 895
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 11.71220 | (21111004) | 502671.98 | 3633575.90 | 10.79028 | (19010119) |
| 504771.98 | 3633575.90 | 28.07190 | (20081805) | 504821.98 | 3633575.90 | 28.05649 | (20081805) |
| 504871.98 | 3633575.90 | 28.58206 | (20081803) | 504921.98 | 3633575.90 | 27.87625 | (20111118) |
| 504971.98 | 3633575.90 | 28.73930 | (20111118) | 505021.98 | 3633575.90 | 27.19830 | (20111118) |
| 505071.98 | 3633575.90 | 25.22787 | (21011418) | 505121.98 | 3633575.90 | 23.26520 | (21011418) |
| 505171.98 | 3633575.90 | 22.27190 | (21011418) | 505221.98 | 3633575.90 | 21.75612 | (21011418) |
| 502221.98 | 3633625.90 | 10.50991 | (21111004) | 502271.98 | 3633625.90 | 11.41277 | (21111004) |
| 502321.98 | 3633625.90 | 12.29680 | (21111004) | 502371.98 | 3633625.90 | 13.07167 | (21111004) |
| 502421.98 | 3633625.90 | 13.69868 | (21111004) | 502471.98 | 3633625.90 | 14.09313 | (21111004) |
| 502521.98 | 3633625.90 | 14.27820 | (21111004) | 502571.98 | 3633625.90 | 14.16810 | (21111004) |
| 502621.98 | 3633625.90 | 13.76161 | (21111004) | 502671.98 | 3633625.90 | 13.04777 | (21111004) |
| 504771.98 | 3633625.90 | 29.13126 | (20081803) | 504821.98 | 3633625.90 | 31.11900 | (20081803) |
| 504871.98 | 3633625.90 | 30.16545 | (20111118) | 504921.98 | 3633625.90 | 29.78049 | (20111118) |
| 504971.98 | 3633625.90 | 29.97529 | (21011418) | 505021.98 | 3633625.90 | 30.18994 | (21011418) |
| 505071.98 | 3633625.90 | 26.93144 | (21011418) | 505121.98 | 3633625.90 | 23.69895 | (21011418) |
| 505171.98 | 3633625.90 | 22.23170 | (21011022) | 505221.98 | 3633625.90 | 22.01041 | (21122302) |
| 502221.98 | 3633675.90 | 9.43309 | (21111004) | 502271.98 | 3633675.90 | 10.48194 | (21111004) |
| 502321.98 | 3633675.90 | 11.57317 | (21111004) | 502371.98 | 3633675.90 | 12.61220 | (21111004) |
| 502421.98 | 3633675.90 | 13.59106 | (21111004) | 502471.98 | 3633675.90 | 14.40511 | (21111004) |
| 502521.98 | 3633675.90 | 15.02974 | (21111004) | 502571.98 | 3633675.90 | 15.39055 | (21111004) |

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        502621.98   3633675.90       15.44679  (21111004)                502671.98
3633675.90       15.16203  (21111004)
        504771.98   3633675.90       32.27408  (20081803)                504821.98
3633675.90       32.91630  (20111118)
        504871.98   3633675.90       32.59177  (20111118)                504921.98
3633675.90       32.95561  (21011418)
        504971.98   3633675.90       32.84764  (21011418)                505021.98
3633675.90       31.09211  (21011418)
        505071.98   3633675.90       26.19920  (21011418)                505121.98
3633675.90       23.04701  (21122302)
        505171.98   3633675.90       22.86658  (21122302)                505221.98
3633675.90       22.35450  (21011724)
        502221.98   3633725.90       10.51812  (21012320)                502271.98
3633725.90        9.66533  (21012320)
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3633725.90       11.64696  (21111004)
        502421.98   3633725.90       12.87365  (21111004)                502471.98
3633725.90       14.03948  (21111004)
        502521.98   3633725.90       15.08589  (21111004)                502571.98
3633725.90       15.94250  (21111004)
        502621.98   3633725.90       16.53955  (21111004)                502671.98
3633725.90       16.80563  (21111004)
        504771.98   3633725.90       37.19191  (20111118)                504821.98
3633725.90       35.14102  (21011418)
        504871.98   3633725.90       35.98036  (21011418)                504921.98
3633725.90       34.93166  (21011418)
        504971.98   3633725.90       32.53862  (21011418)                505021.98
3633725.90       28.31953  (21011418)
        505071.98   3633725.90       23.97096  (21122302)                505121.98
3633725.90       23.61744  (21122302)
        505171.98   3633725.90       23.09250  (21011724)                505221.98
3633725.90       22.74980  (21010408)
        502221.98   3633775.90       13.36101  (21012320)                502271.98
3633775.90       12.64411  (21012320)
        502321.98   3633775.90       11.93634  (21012320)                502371.98
3633775.90       11.04878  (21012320)
        502421.98   3633775.90       11.62585  (21111004)                502471.98
3633775.90       13.01370  (21111004)
        502521.98   3633775.90       14.40046  (21111004)                502571.98
3633775.90       15.69817  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 896
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
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```
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3633775.90       17.69233  (21111004)
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3633775.90       32.94603  (21011418)
        504971.98   3633775.90       28.67818  (21011418)                505021.98
3633775.90       26.12941  (21091121)
        505071.98   3633775.90       24.36435  (21011724)                505121.98
3633775.90       23.95178  (21021921)
        505171.98   3633775.90       23.57971  (21011720)                505221.98
3633775.90       22.98777  (21011720)
        502221.98   3633825.90       16.03500  (21012320)                502271.98
3633825.90       15.59799  (21012320)
        502321.98   3633825.90       15.12827  (21012320)                502371.98
3633825.90       14.47032  (21012320)
        502421.98   3633825.90       13.64100  (21012320)                502471.98
3633825.90       12.66108  (21012320)
        502521.98   3633825.90       13.02912  (21111004)                502571.98
3633825.90       14.64256  (21111004)
        502621.98   3633825.90       16.21355  (21111004)                502671.98
3633825.90       17.64352  (21111004)
        504771.98   3633825.90       43.64661  (21011418)                504821.98
3633825.90       40.28332  (21011418)
        504871.98   3633825.90       32.90688  (21011418)                504921.98
3633825.90       27.97954  (21091121)
        504971.98   3633825.90       26.29238  (21091121)                505021.98
3633825.90       25.60798  (20080422)
        505071.98   3633825.90       24.84389  (21011720)                505121.98
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        505171.98   3633825.90       23.72022  (21011221)                505221.98
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        502321.98   3633875.90       18.00612  (21012320)                502371.98
3633875.90       17.69471  (21012320)
        502421.98   3633875.90       17.23636  (21012320)                502471.98
3633875.90       16.52967  (21012320)
        502521.98   3633875.90       15.68605  (21012320)                502571.98
3633875.90       14.65153  (21012320)
        502621.98   3633875.90       14.73904  (21111004)                502671.98
3633875.90       16.58454  (21111004)
        504771.98   3633875.90       42.42322  (21011418)                504821.98
3633875.90       35.11388  (21011418)
        504871.98   3633875.90       29.53965  (21091121)                504921.98
3633875.90       27.16902  (20080422)
        504971.98   3633875.90       26.46981  (20080422)                505021.98
3633875.90       25.81611  (21011720)
        505071.98   3633875.90       25.10978  (20072623)                505121.98
3633875.90       24.63741  (20121406)
        505171.98   3633875.90       24.22774  (20081804)                505221.98
3633875.90       25.76690  (20081804)
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3633925.90       19.53000  (21012320)
        502321.98   3633925.90       19.99031  (21012320)                502371.98
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        502521.98   3633925.90       19.74218  (21012320)                502571.98
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3633925.90       33.21068  (21091121)
        504871.98   3633925.90       30.10192  (20072623)                504921.98
3633925.90       27.86847  (20072623)
        504971.98   3633925.90       26.67348  (21011221)                505021.98
3633925.90       26.10897  (20121406)
        505071.98   3633925.90       25.85461  (20081804)                505121.98
3633925.90       26.50639  (20081804)
        505171.98   3633925.90       27.45044  (20081804)                505221.98
3633925.90       27.80098  (20081804)
        502221.98   3633975.90       18.75808  (21012320)                502271.98
3633975.90       19.67953  (21012320)
        502321.98   3633975.90       20.64024  (21012320)                502371.98
3633975.90       21.51377  (21012320)
        502421.98   3633975.90       22.21697  (21012320)                502471.98
3633975.90       22.70792  (21012320)
        502521.98   3633975.90       23.00412  (21012320)                502571.98
3633975.90       23.01893  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

504771.98 3634025.90 36.74179 (20081804) 504821.98
3634025.90 37.65746 (20081804)
504871.98 3634025.90 35.58031 (20081804) 504921.98
3634025.90 32.60457 (20081804)
504971.98 3634025.90 28.42600 (20081804) 505021.98
3634025.90 27.44388 (19121305)
505071.98 3634025.90 27.05865 (19121305) 505121.98
3634025.90 26.61620 (20082223)
505171.98 3634025.90 26.56328 (20082223) 505221.98
3634025.90 25.89000 (20081222)
502221.98 3634075.90 14.77685 (21012320) 502271.98
3634075.90 16.19708 (21012320)
502321.98 3634075.90 17.73756 (21012320) 502371.98
3634075.90 19.33704 (21012320)
502421.98 3634075.90 20.96302 (21012320) 502471.98
3634075.90 22.63400 (21012320)
502521.98 3634075.90 24.31325 (21012320) 502571.98
3634075.90 25.96453 (21012320)
502621.98 3634075.90 27.41967 (21012320) 502671.98
3634075.90 28.72856 (21012320)
504771.98 3634075.90 40.16393 (20081804) 504821.98
3634075.90 38.91604 (20081804)
504871.98 3634075.90 34.32586 (20081804) 504921.98
3634075.90 30.74244 (20081804)
504971.98 3634075.90 28.97489 (19121305) 505021.98
3634075.90 27.99533 (19121305)
505071.98 3634075.90 26.75851 (20082223) 505121.98
3634075.90 25.95992 (19011923)
505171.98 3634075.90 25.73700 (20092021) 505221.98
3634075.90 25.64850 (20092021)
502221.98 3634125.90 14.31505 (19083104) 502271.98
3634125.90 14.51353 (19083104)
502321.98 3634125.90 14.65466 (21012320) 502371.98
3634125.90 16.34225 (21012320)
502421.98 3634125.90 18.11836 (21012320) 502471.98
3634125.90 20.00986 (21012320)
502521.98 3634125.90 21.99195 (21012320) 502571.98
3634125.90 24.05099 (21012320)
502621.98 3634125.90 26.27556 (21012320) 502671.98
3634125.90 28.45236 (21012320)
504771.98 3634125.90 36.97423 (20081804) 504821.98
3634125.90 34.86892 (20081804)
504871.98 3634125.90 31.38228 (19121305) 504921.98
3634125.90 29.84093 (19121305)
504971.98 3634125.90 28.58828 (19011923) 505021.98
3634125.90 27.76294 (19011923)
505071.98 3634125.90 26.81449 (19012803) 505121.98
3634125.90 26.16349 (21121821)
505171.98 3634125.90 25.67527 (20121224) 505221.98
3634125.90 25.53914 (21020219)

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634175.90       22.82376  (21012320)                502671.98
3634175.90       25.41020  (21012320)
        504771.98   3634175.90       34.21027  (19121305)                504821.98
3634175.90       32.03501  (20082223)
        504871.98   3634175.90       31.15340  (19011923)                504921.98
3634175.90       29.89227  (19012803)
        504971.98   3634175.90       28.93620  (21121821)                505021.98
3634175.90       27.94428  (20121224)
        505071.98   3634175.90       27.19812  (20121224)                505121.98
3634175.90       26.36924  (20020703)
        505171.98   3634175.90       26.03076  (21121518)                505221.98
3634175.90       26.71259  (21121518)
        502221.98   3634225.90       16.45855  (19083104)                502271.98

3634225.90 17.12115 (19083104)
502321.98 3634225.90 17.89334 (19083104) 502371.98
3634225.90 18.68721 (19083104)
502421.98 3634225.90 19.41132 (19083104) 502471.98
3634225.90 20.11865 (19083104)
502521.98 3634225.90 20.79573 (19083104) 502571.98
3634225.90 21.48991 (19083104)
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3634225.90 22.79863 (19083104)
504771.98 3634225.90 33.96581 (19012803) 504821.98
3634225.90 32.68098 (21121821)
504871.98 3634225.90 31.42563 (21121821) 504921.98
3634225.90 30.41386 (20121224)
504971.98 3634225.90 29.19925 (20020703) 505021.98
3634225.90 27.96254 (20020703)
505071.98 3634225.90 26.77486 (21122121) 505121.98
3634225.90 26.51581 (21122121)
505171.98 3634225.90 26.09642 (21122121) 505221.98
3634225.90 27.59060 (20080321)
502221.98 3634275.90 15.90787 (19083104) 502271.98
3634275.90 16.72787 (19083104)
502321.98 3634275.90 17.64798 (19083104) 502371.98
3634275.90 18.67630 (19083104)
502421.98 3634275.90 19.64893 (19083104) 502471.98
3634275.90 20.64975 (19083104)
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3634275.90 22.76707 (19083104)
502621.98 3634275.90 23.89539 (19083104) 502671.98
3634275.90 25.04993 (19083104)
504771.98 3634275.90 34.67535 (20121224) 504821.98
3634275.90 33.23678 (20020703)
504871.98 3634275.90 31.24986 (20020703) 504921.98
3634275.90 29.92769 (21122121)
504971.98 3634275.90 29.53317 (21122121) 505021.98
3634275.90 28.85673 (21122121)
505071.98 3634275.90 27.85713 (21122121) 505121.98
3634275.90 27.26151 (20121803)
505171.98 3634275.90 26.42219 (20121803) 505221.98
3634275.90 27.17771 (20080321)
502221.98 3634325.90 14.31638 (19083104) 502271.98
3634325.90 15.19859 (19083104)
502321.98 3634325.90 16.13242 (19083104) 502371.98
3634325.90 17.13499 (19083104)
502421.98 3634325.90 18.20256 (19083104) 502471.98
3634325.90 19.33188 (19083104)
502521.98 3634325.90 20.54956 (19083104) 502571.98
3634325.90 21.84507 (19083104)
502621.98 3634325.90 23.22420 (19083104) 502671.98
3634325.90 24.71624 (19083104)
504771.98 3634325.90 34.98712 (21122121) 504821.98

3634325.90       34.07446  (21122121)
        504871.98   3634325.90       32.56031  (20121803)                504921.98
3634325.90       31.53831  (20121803)
        504971.98   3634325.90       30.13269  (20121803)                505021.98
3634325.90       29.02323  (21122201)
        505071.98   3634325.90       27.86596  (21122201)                505121.98
3634325.90       27.95381  (19031020)
        505171.98   3634325.90       26.44423  (19031020)                505221.98
3634325.90       26.76321  (19031020)
        502221.98   3634375.90       12.79796  (20022619)                502271.98
3634375.90       13.33147  (20022619)
        502321.98   3634375.90       13.82260  (20022619)                502371.98
3634375.90       14.55088  (19083104)
        502421.98   3634375.90       15.61378  (19083104)                502471.98
3634375.90       16.76910  (19083104)
        502521.98   3634375.90       18.04371  (19083104)                502571.98
3634375.90       19.37755  (19083104)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                   L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                   L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                   L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634375.90       20.75991  (19083104)                502671.98
3634375.90       22.19906  (19083104)
        504771.98   3634375.90       36.04217  (21122201)                504821.98
3634375.90       33.98200  (21122201)

504871.98 3634375.90 32.33488 (19021906) 504921.98 3634375.90 32.11068 (20082805)
504971.98 3634375.90 31.28530 (20082805) 505021.98 3634375.90 29.09825 (20013123)
505071.98 3634375.90 28.33307 (20013123) 505121.98 3634375.90 29.39017 (20092120)
505171.98 3634375.90 28.19533 (20092120) 505221.98 3634375.90 27.47149 (20092120)
502221.98 3634425.90 15.67795 (21021102) 502271.98 3634425.90 16.38095 (21021102)
502321.98 3634425.90 17.11690 (21021102) 502371.98 3634425.90 17.90850 (21021102)
502421.98 3634425.90 18.77086 (21021102) 502471.98 3634425.90 19.68134 (21021102)
502521.98 3634425.90 20.69207 (21021102) 502571.98 3634425.90 21.77543 (21021102)
502621.98 3634425.90 22.95942 (21021102) 502671.98 3634425.90 24.24086 (21021102)
504771.98 3634425.90 36.45694 (20013123) 504821.98 3634425.90 34.55749 (20013123)
504871.98 3634425.90 36.82542 (20082306) 504921.98 3634425.90 38.54432 (20082306)
504971.98 3634425.90 35.05066 (20082306) 505021.98 3634425.90 33.45171 (20082306)
505071.98 3634425.90 33.78075 (20082306) 505121.98 3634425.90 33.48366 (20082306)
505171.98 3634425.90 31.70377 (20082306) 505221.98 3634425.90 30.17087 (20082306)
502221.98 3634475.90 18.72229 (21021102) 502271.98 3634475.90 19.56929 (21021102)
502321.98 3634475.90 20.47008 (21021102) 502371.98 3634475.90 21.43626 (21021102)
502421.98 3634475.90 22.47281 (21021102) 502471.98 3634475.90 23.57908 (21021102)
502521.98 3634475.90 24.79714 (21021102) 502571.98 3634475.90 26.09875 (21021102)
502621.98 3634475.90 27.50466 (21021102) 502671.98 3634475.90 29.03186 (21021102)
504771.98 3634475.90 35.14074 (19122101) 504821.98 3634475.90 34.98839 (20082306)
504871.98 3634475.90 39.14451 (20082306) 504921.98 3634475.90 44.53996 (20082306)
504971.98 3634475.90 41.93000 (20082306) 505021.98 3634475.90 40.33591 (20082306)
505071.98 3634475.90 39.62337 (20082306) 505121.98 3634475.90 37.79945 (20082306)
505171.98 3634475.90 35.60022 (20082306) 505221.98 3634475.90 33.66965 (20082306)
502221.98 3634525.90 20.47251 (21021102) 502271.98 3634525.90 21.34453 (21021102)

```
        502321.98   3634525.90       22.27816  (21021102)                502371.98
3634525.90       23.27914  (21021102)
        502421.98   3634525.90       24.33983  (21021102)                502471.98
3634525.90       25.47952  (21021102)
        502521.98   3634525.90       26.69526  (21021102)                502571.98
3634525.90       28.01358  (21021102)
        502621.98   3634525.90       29.42607  (21021102)                502671.98
3634525.90       30.98229  (21021102)
        504771.98   3634525.90       38.81674  (20082306)                504821.98
3634525.90       36.67647  (20082306)
        504871.98   3634525.90       39.74900  (20082306)                504921.98
3634525.90       45.26068  (20082306)
        504971.98   3634525.90       45.63669  (20082306)                505021.98
3634525.90       42.85125  (20082306)
        505071.98   3634525.90       40.44186  (20082306)                505121.98
3634525.90       37.34864  (20082306)
        505171.98   3634525.90       34.41593  (20082306)                505221.98
3634525.90       31.88430  (20082306)
        502221.98   3634575.90       20.53203  (21021102)                502271.98
3634575.90       21.27533  (21021102)
        502321.98   3634575.90       22.08867  (21021102)                502371.98
3634575.90       22.95869  (21021102)
        502421.98   3634575.90       23.88215  (21021102)                502471.98
3634575.90       24.86363  (21021102)
        502521.98   3634575.90       25.89651  (21021102)                502571.98
3634575.90       27.00011  (21021102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 900
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 28.17884 | (21021102) | 502671.98 | 3634575.90 | 29.45958 | (21021102) |
| 504771.98 | 3634575.90 | 50.11085 | (20041201) | 504821.98 | 3634575.90 | 47.36866 | (20041201) |
| 504871.98 | 3634575.90 | 50.17225 | (20041201) | 504921.98 | 3634575.90 | 51.74403 | (20041201) |
| 504971.98 | 3634575.90 | 49.73165 | (20041201) | 505021.98 | 3634575.90 | 46.91407 | (20041201) |
| 505071.98 | 3634575.90 | 44.17360 | (20041201) | 505121.98 | 3634575.90 | 41.39551 | (20041201) |
| 505171.98 | 3634575.90 | 36.20717 | (20041201) | 505221.98 | 3634575.90 | 33.43697 | (20041201) |
| 502221.98 | 3634625.90 | 18.84117 | (21021102) | 502271.98 | 3634625.90 | 19.40564 | (21021102) |
| 502321.98 | 3634625.90 | 19.95616 | (21021102) | 502371.98 | 3634625.90 | 20.57025 | (21021102) |
| 502421.98 | 3634625.90 | 21.21017 | (21021102) | 502471.98 | 3634625.90 | 21.88283 | (21021102) |
| 502521.98 | 3634625.90 | 22.60825 | (21021102) | 502571.98 | 3634625.90 | 23.33480 | (21021102) |
| 502621.98 | 3634625.90 | 24.09912 | (21021102) | 502671.98 | 3634625.90 | 24.89245 | (21021102) |
| 504771.98 | 3634625.90 | 57.21438 | (20041201) | 504821.98 | 3634625.90 | 54.24421 | (20041201) |
| 504871.98 | 3634625.90 | 52.52153 | (20041201) | 504921.98 | 3634625.90 | 51.33160 | (20041201) |
| 504971.98 | 3634625.90 | 50.40291 | (20041201) | 505021.98 | 3634625.90 | 48.02471 | (20041201) |
| 505071.98 | 3634625.90 | 44.95091 | (20041201) | 505121.98 | 3634625.90 | 42.56410 | (20041201) |
| 505171.98 | 3634625.90 | 36.55402 | (20041201) | 505221.98 | 3634625.90 | 33.79158 | (20041201) |
| 502221.98 | 3634675.90 | 15.81889 | (21021102) | 502271.98 | 3634675.90 | 16.14908 | (21021102) |
| 502321.98 | 3634675.90 | 16.46625 | (21021102) | 502371.98 | 3634675.90 | 16.77234 | (21021102) |
| 502421.98 | 3634675.90 | 17.92152 | (19050903) | 502471.98 | 3634675.90 | 19.39673 | (19050903) |
| 502521.98 | 3634675.90 | 20.96964 | (19050903) | 502571.98 | 3634675.90 | 22.64844 | (19050903) |
| 502621.98 | 3634675.90 | 24.41923 | (19050903) | 502671.98 | 3634675.90 | 26.26137 | (19050903) |
| 504771.98 | 3634675.90 | 55.05337 | (21012820) | 504821.98 | 3634675.90 | 52.21132 | (21012820) |
| 504871.98 | 3634675.90 | 50.50980 | (20081806) | 504921.98 | | | |

3634675.90       48.56915  (20081806)
        504971.98   3634675.90       47.12880  (20081806)                505021.98
3634675.90       44.84365  (20081806)
        505071.98   3634675.90       40.46972  (20081806)                505121.98
3634675.90       38.00601  (20041201)
        505171.98   3634675.90       34.17596  (20041201)                505221.98
3634675.90       31.59461  (20041201)
        502221.98   3634725.90       15.65775  (19050903)                502271.98
3634725.90       16.79050  (19050903)
        502321.98   3634725.90       17.95129  (19050903)                502371.98
3634725.90       19.18847  (19050903)
        502421.98   3634725.90       20.50546  (19050903)                502471.98
3634725.90       21.84874  (19050903)
        502521.98   3634725.90       23.21314  (19050903)                502571.98
3634725.90       24.62439  (19050903)
        502621.98   3634725.90       26.03294  (19050903)                502671.98
3634725.90       27.44583  (19050903)
        504771.98   3634725.90       54.06759  (21012820)                504821.98
3634725.90       58.52607  (21012820)
        504871.98   3634725.90       56.21839  (21012820)                504921.98
3634725.90       48.18043  (20081806)
        504971.98   3634725.90       48.35358  (20081806)                505021.98
3634725.90       45.33204  (20081806)
        505071.98   3634725.90       42.02655  (20081806)                505121.98
3634725.90       39.41397  (20081806)
        505171.98   3634725.90       34.51152  (20081806)                505221.98
3634725.90       32.36805  (20081806)
        502221.98   3634775.90       17.53836  (19050903)                502271.98
3634775.90       18.53886  (19050903)
        502321.98   3634775.90       19.49906  (19050903)                502371.98
3634775.90       20.49433  (19050903)
        502421.98   3634775.90       21.48941  (19050903)                502471.98
3634775.90       22.48169  (19050903)
        502521.98   3634775.90       23.47859  (19050903)                502571.98
3634775.90       24.37286  (19050903)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                   L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                   L0000951    , L0000952    , L0000953    , L0000954    , L0000955

, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634775.90       25.20292  (19050903)                502671.98
3634775.90       25.94689  (19050903)
        504771.98   3634775.90       46.40503  (20082303)                504821.98
3634775.90       54.20139  (20081401)
        504871.98   3634775.90       55.63661  (20081401)                504921.98
3634775.90       45.16953  (19022319)
        504971.98   3634775.90       41.89338  (19022319)                505021.98
3634775.90       38.64944  (20081806)
        505071.98   3634775.90       38.03277  (20081806)                505121.98
3634775.90       37.02061  (20081806)
        505171.98   3634775.90       32.82603  (20081806)                505221.98
3634775.90       30.86391  (20081806)
        502221.98   3634825.90       18.20749  (19050903)                502271.98
3634825.90       18.92466  (19050903)
        502321.98   3634825.90       19.59575  (19050903)                502371.98
3634825.90       20.22512  (19050903)
        502421.98   3634825.90       20.77716  (19050903)                502471.98
3634825.90       21.24302  (19050903)
        502521.98   3634825.90       21.70116  (19050903)                502571.98
3634825.90       22.00582  (19050903)
        502621.98   3634825.90       22.17826  (19050903)                502671.98
3634825.90       22.20592  (19050903)
        504771.98   3634825.90       36.11392  (20082303)                504821.98
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        504871.98   3634825.90       48.36850  (20081401)                504921.98
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        504971.98   3634825.90       36.32718  (19022319)                505021.98
3634825.90       30.94447  (19022319)
        505071.98   3634825.90       30.70591  (19022319)                505121.98
3634825.90       30.02000  (19022319)
        505171.98   3634825.90       26.74659  (19022319)                505221.98
3634825.90       25.83923  (20081806)
        502221.98   3634875.90       17.55366  (19050903)                502271.98
3634875.90       17.90020  (19050903)
        502321.98   3634875.90       18.17813  (19050903)                502371.98
3634875.90       18.37887  (19050903)

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        502421.98   3634875.90       18.48244  (19050903)                502471.98
3634875.90       18.47926  (19050903)
        502521.98   3634875.90       18.35980  (19050903)                502571.98
3634875.90       18.11481  (19050903)
        502621.98   3634875.90       17.73444  (19050903)                502671.98
3634875.90       19.86485  (20021724)
        504771.98   3634875.90       27.76361  (20082303)                504821.98
3634875.90       43.63496  (20082303)
        504871.98   3634875.90       43.23695  (19042006)                504921.98
3634875.90       41.63533  (19030607)
        504971.98   3634875.90       36.07413  (20082024)                505021.98
3634875.90       29.37287  (20082024)
        505071.98   3634875.90       26.79359  (20082303)                505121.98
3634875.90       26.87565  (20082303)
        505171.98   3634875.90       25.43688  (19022319)                505221.98
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        502221.98   3634925.90       15.73316  (19050903)                502271.98
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        502321.98   3634925.90       15.62218  (19050903)                502371.98
3634925.90       15.42925  (19050903)
        502421.98   3634925.90       15.13795  (19050903)                502471.98
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        502521.98   3634925.90       16.04531  (20021724)                502571.98
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        502621.98   3634925.90       20.77895  (20021724)                502671.98
3634925.90       23.26424  (20021724)
        504771.98   3634925.90       17.66760  (20082303)                504821.98
3634925.90       34.66249  (19022007)
        504871.98   3634925.90       43.07175  (19022007)                504921.98
3634925.90       40.69450  (20121617)
        504971.98   3634925.90       38.61937  (20082024)                505021.98
3634925.90       32.25511  (20082024)
        505071.98   3634925.90       27.73996  (20082024)                505121.98
3634925.90       26.57267  (20082024)
        505171.98   3634925.90       24.53415  (20082303)                505221.98
3634925.90       24.58070  (20082303)
        502221.98   3634975.90       13.14027  (19050903)                502271.98
3634975.90       12.84066  (19050903)
        502321.98   3634975.90       12.45739  (19050903)                502371.98
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        502421.98   3634975.90       15.04580  (20021724)                502471.98
3634975.90       17.03043  (20021724)
        502521.98   3634975.90       19.10084  (20021724)                502571.98
3634975.90       21.17946  (20021724)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE  ***
INCLUDING SOURCE(S):  L0000938  , L0000939 , L0000940  , L0000941  , L0000942  ,
L0000943  , L0000944  , L0000945  , L0000946  , L0000947 , L0000948  , L0000949  , L0000950  ,
L0000951  , L0000952  , L0000953  , L0000954  , L0000955 , L0000956  , L0000957  , L0000958  ,
L0000959  , L0000960  , L0000961  , L0000962  , L0000963 , L0000964  , L0000965  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 23.20389 | (20021724) | 502671.98 | 3634975.90 | 26.65466 | (21011719) |
| 504821.98 | 3634975.90 | 33.63522 | (20011806) | 504871.98 | 3634975.90 | 43.23564 | (20010802) |
| 504921.98 | 3634975.90 | 40.48363 | (20082106) | 504971.98 | 3634975.90 | 36.71322 | (20082106) |
| 505021.98 | 3634975.90 | 33.26554 | (20082024) | 505071.98 | 3634975.90 | 30.08220 | (20082024) |
| 505121.98 | 3634975.90 | 30.85394 | (20082024) | 505171.98 | 3634975.90 | 29.38528 | (20082024) |
| 505221.98 | 3634975.90 | 27.31126 | (20082024) | 502221.98 | 3635025.90 | 11.25552 | (19022707) |
| 502271.98 | 3635025.90 | 12.50116 | (20021724) | 502321.98 | 3635025.90 | 14.14126 | (20021724) |
| 502371.98 | 3635025.90 | 15.86396 | (20021724) | 502421.98 | 3635025.90 | 17.63821 | (20021724) |
| 502471.98 | 3635025.90 | 19.40596 | (20021724) | 502521.98 | 3635025.90 | 21.10905 | (20021724) |
| 502571.98 | 3635025.90 | 24.15360 | (21011719) | 502621.98 | 3635025.90 | 27.03273 | (21011719) |
| 502671.98 | 3635025.90 | 29.46199 | (21011719) | 504871.98 | 3635025.90 | 39.15374 | (20010802) |
| 504921.98 | 3635025.90 | 41.34335 | (20082106) | 504971.98 | 3635025.90 | 42.00496 | (20082106) |
| 505021.98 | 3635025.90 | 35.78749 | (20082106) | 505071.98 | 3635025.90 | 31.17088 | (20082106) |
| 505121.98 | 3635025.90 | 32.05856 | (20082024) | 505171.98 | | | |

3635025.90 31.93212 (20082024)
505221.98 3635025.90 30.58576 (20082024) 502221.98
3635075.90 13.31188 (20021724)
502271.98 3635075.90 14.81811 (20021724) 502321.98
3635075.90 16.34610 (20021724)
502371.98 3635075.90 17.86036 (20021724) 502421.98
3635075.90 19.30122 (20021724)
502471.98 3635075.90 22.02226 (21011719) 502521.98
3635075.90 24.63925 (21011719)
502571.98 3635075.90 26.87256 (21011719) 502621.98
3635075.90 28.58982 (21011719)
502671.98 3635075.90 29.68990 (21011719) 504921.98
3635075.90 40.36449 (20092620)
504971.98 3635075.90 42.80644 (20092620) 505021.98
3635075.90 39.90515 (20082106)
505071.98 3635075.90 38.02509 (20082106) 505121.98
3635075.90 36.16747 (20082106)
505171.98 3635075.90 33.46418 (20041904) 505221.98
3635075.90 31.43524 (20121617)
502221.98 3635125.90 15.19857 (20021724) 502271.98
3635125.90 16.50885 (20021724)
502321.98 3635125.90 17.73734 (20021724) 502371.98
3635125.90 20.18865 (21011719)
502421.98 3635125.90 22.56619 (21011719) 502471.98
3635125.90 24.61249 (21011719)
502521.98 3635125.90 26.20236 (21011719) 502571.98
3635125.90 27.22469 (21011719)
502621.98 3635125.90 27.58886 (21011719) 502671.98
3635125.90 27.21680 (21011719)
505021.98 3635125.90 42.59846 (20092620) 505071.98
3635125.90 39.66910 (20092620)
505121.98 3635125.90 36.09716 (20082106) 505171.98
3635125.90 31.89202 (20082106)
505221.98 3635125.90 34.00970 (20082106) 502221.98
3635175.90 16.36563 (20021724)
502271.98 3635175.90 18.59829 (21011719) 502321.98
3635175.90 20.75946 (21011719)
502371.98 3635175.90 22.63781 (21011719) 502421.98
3635175.90 24.10853 (21011719)
502471.98 3635175.90 25.06514 (21011719) 502521.98
3635175.90 25.42379 (21011719)
502571.98 3635175.90 25.12274 (21011719) 502621.98
3635175.90 24.28977 (20022207)
502671.98 3635175.90 27.37081 (20022207) 505121.98
3635175.90 29.91572 (21122806)
505171.98 3635175.90 30.43509 (21122806) 505221.98
3635175.90 30.86792 (20010802)
502221.98 3635225.90 19.17171 (21011719) 502271.98
3635225.90 20.90273 (21011719)
502321.98 3635225.90 22.27055 (21011719) 502371.98

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502521.98   3635225.90       22.43965  (21011719)                502571.98
3635225.90       23.98341  (20022207)
        502621.98   3635225.90       26.54495  (20022207)                502671.98
3635225.90       28.53090  (20022207)
        502221.98   3635275.90       25.20352  (21011719)                502271.98
3635275.90       21.50034  (21011719)
        502321.98   3635275.90       24.40787  (21011719)                502371.98
3635275.90       25.67045  (21011719)
        502421.98   3635275.90       24.97864  (21011719)                502471.98
3635275.90       23.72418  (21011719)
        502521.98   3635275.90       25.23458  (21011719)                502571.98
3635275.90       25.84582  (20022207)
        502621.98   3635275.90       27.06374  (20022207)                502671.98
3635275.90       27.75058  (20022207)
        502221.98   3635325.90       33.58465  (21011719)                502271.98
3635325.90       23.10114  (21011719)
        502321.98   3635325.90       27.00432  (21011719)                502371.98
3635325.90       27.14827  (21011719)

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        502421.98   3635325.90       26.37743  (19013101)              502471.98
3635325.90       28.53297  (19013101)
        502521.98   3635325.90       28.65175  (20022207)              502571.98
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        502621.98   3635325.90       27.35403  (20022207)              502671.98
3635325.90       27.02853  (20022207)
        502221.98   3635375.90       30.82896  (21011719)              502271.98
3635375.90       24.54225  (21011719)
        502321.98   3635375.90       23.69056  (21011719)              502371.98
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        502421.98   3635375.90       30.29472  (21052423)              502471.98
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        502521.98   3635375.90       28.88997  (20022207)              502571.98
3635375.90       28.09191  (20022207)
        502621.98   3635375.90       28.42497  (21012023)              502671.98
3635375.90       29.53164  (21012023)
        502221.98   3635425.90       28.87963  (21052423)              502271.98
3635425.90       21.83524  (19013101)
        502321.98   3635425.90       26.00738  (19013101)              502371.98
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        502421.98   3635425.90       29.19164  (20022207)              502471.98
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        502521.98   3635425.90       31.34846  (20122320)              502571.98
3635425.90       31.70902  (21012023)
        502621.98   3635425.90       32.71526  (21012023)              502671.98
3635425.90       31.65168  (21012023)
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        502271.98   3635475.90       26.72257  (21052423)              502321.98
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        502371.98   3635475.90       28.58194  (19012005)              502421.98
3635475.90       30.50310  (19012005)
        502471.98   3635475.90       33.06829  (19083024)              502521.98
3635475.90       31.29146  (21012023)
        502571.98   3635475.90       31.74262  (21012023)              502621.98
3635475.90       30.94329  (21012023)
        502671.98   3635475.90       30.02622  (20122721)              504771.98
3635475.90       39.46331  (21122618)
        504821.98   3635475.90       32.72478  (21122618)              504871.98
3635475.90       31.09530  (21122618)
        504921.98   3635475.90       27.91499  (21012617)              502221.98
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        502371.98   3635525.90       28.76232  (19012005)              502421.98
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        502471.98   3635525.90       31.05415  (21012023)              502521.98
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        502871.98   3635525.90       36.85909  (20070802)                502921.98
3635525.90       39.46976  (19091321)
        502971.98   3635525.90       40.35885  (19091321)                503021.98
3635525.90       43.16205  (20042421)
        503071.98   3635525.90       40.66025  (20042421)                503121.98
3635525.90       29.17443  (19121706)
        503171.98   3635525.90       26.43137  (19121706)                503221.98
3635525.90       36.87750  (19073101)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 904
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503271.98   3635525.90       40.62535  (20091222)                503321.98
3635525.90       41.23547  (20033120)
        503371.98   3635525.90       43.79186  (20101023)                503421.98
3635525.90       45.85181  (20101023)
        503471.98   3635525.90       47.05766  (19031924)                503521.98
3635525.90       48.31769  (19031924)
        503571.98   3635525.90       44.12475  (20090823)                503621.98
3635525.90       40.51728  (21021806)
        503671.98   3635525.90       40.91649  (19101219)                503721.98
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3635525.90 42.73597 (21012024)
503771.98 3635525.90 43.67156 (20071102) 503821.98
3635525.90 42.31519 (20071102)
503871.98 3635525.90 47.37116 (19122420) 503921.98
3635525.90 49.03121 (19122420)
503971.98 3635525.90 48.03740 (19122420) 504021.98
3635525.90 42.82186 (20092001)
504071.98 3635525.90 29.87620 (21013118) 504121.98
3635525.90 31.28062 (21013118)
504171.98 3635525.90 31.10536 (21013118) 504221.98
3635525.90 25.83337 (21013118)
504271.98 3635525.90 21.92979 (21013118) 504321.98
3635525.90 16.25413 (21013118)
504371.98 3635525.90 11.21020 (21013118) 504421.98
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504471.98 3635525.90 15.86139 (20011620) 504521.98
3635525.90 18.90045 (20011620)
504571.98 3635525.90 23.71390 (20011620) 504621.98
3635525.90 26.91308 (20011620)
504671.98 3635525.90 27.88143 (20011620) 504721.98
3635525.90 36.60765 (21122618)
504771.98 3635525.90 38.74204 (21122618) 504821.98
3635525.90 38.83579 (21122618)
504871.98 3635525.90 35.99359 (21122618) 504921.98
3635525.90 28.24122 (21122618)
504971.98 3635525.90 26.79173 (21012617) 505021.98
3635525.90 31.21833 (19102623)
505071.98 3635525.90 33.08838 (19102623) 505121.98
3635525.90 32.49494 (19102623)
505171.98 3635525.90 29.82009 (19102623) 505221.98
3635525.90 25.53890 (19102623)
502221.98 3635575.90 30.88584 (19012005) 502271.98
3635575.90 29.22619 (19012005)
502321.98 3635575.90 28.28636 (19012005) 502371.98
3635575.90 28.81847 (20071201)
502421.98 3635575.90 29.98294 (21012023) 502471.98
3635575.90 30.01304 (21012023)
502521.98 3635575.90 28.49215 (21012023) 502571.98
3635575.90 28.26317 (20122721)
502621.98 3635575.90 30.74839 (20070801) 502671.98
3635575.90 32.43319 (20070801)
502721.98 3635575.90 34.09422 (20070802) 502771.98
3635575.90 36.21334 (20070802)
502821.98 3635575.90 36.29288 (20070802) 502871.98
3635575.90 38.21957 (19091321)
502921.98 3635575.90 39.73147 (19091321) 502971.98
3635575.90 42.44944 (20042421)
503021.98 3635575.90 43.25304 (20042421) 503071.98
3635575.90 38.84816 (20042421)
503121.98 3635575.90 26.82297 (19121706) 503171.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

504221.98 3635575.90 27.62943 (21013118) 504271.98
3635575.90 22.13173 (21013118)
504321.98 3635575.90 17.46395 (21013118) 504371.98
3635575.90 13.02963 (19022602)
504421.98 3635575.90 12.93642 (21121422) 504471.98
3635575.90 13.05126 (20040223)
504521.98 3635575.90 16.28034 (20011620) 504571.98
3635575.90 18.40836 (20011620)
504621.98 3635575.90 24.54396 (20011620) 504671.98
3635575.90 26.92910 (20011620)
504721.98 3635575.90 28.41802 (21122618) 504771.98
3635575.90 34.74240 (21122618)
504821.98 3635575.90 37.92926 (21122618) 504871.98
3635575.90 36.67879 (21122618)
504921.98 3635575.90 23.69354 (21012617) 504971.98
3635575.90 28.66661 (21122618)
505021.98 3635575.90 26.30632 (20091421) 505071.98
3635575.90 28.91658 (19102623)
505121.98 3635575.90 34.13508 (19102623) 505171.98
3635575.90 30.60033 (19102623)
505221.98 3635575.90 31.84651 (19102623) 502221.98
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3635625.90 30.04782 (20071201)
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3635625.90 29.87032 (21012023)
502471.98 3635625.90 29.33245 (21072005) 502521.98
3635625.90 30.01084 (21110406)
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3635625.90 29.99508 (20070801)
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3635625.90 35.26935 (20070802)
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3635625.90 36.92655 (19091321)
502871.98 3635625.90 39.02002 (19091321) 502921.98
3635625.90 40.47304 (20042421)
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3635625.90 40.59659 (20042421)
503071.98 3635625.90 40.16812 (20110924) 503121.98
3635625.90 40.92573 (20110924)
503171.98 3635625.90 40.40079 (20091222) 503221.98
3635625.90 40.40969 (20091222)
503271.98 3635625.90 39.35252 (20033120) 503321.98
3635625.90 41.61962 (20033120)
503371.98 3635625.90 44.68098 (20101023) 503421.98
3635625.90 44.01561 (20101023)
503471.98 3635625.90 42.79759 (20120224) 503521.98
3635625.90 40.69555 (19072124)
503571.98 3635625.90 43.17905 (21081004) 503621.98
3635625.90 44.37661 (19101219)

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        503671.98   3635625.90       44.90831  (19101219)                503721.98
3635625.90       44.24203  (20071102)
        503771.98   3635625.90       43.61275  (20071102)                503821.98
3635625.90       40.44930  (20071102)
        503871.98   3635625.90       42.52252  (19122420)                503921.98
3635625.90       45.76670  (19122420)
        503971.98   3635625.90       44.72061  (19122420)                504021.98
3635625.90       25.43937  (20092001)
        504071.98   3635625.90       23.92913  (21013118)                504121.98
3635625.90       28.37079  (21013118)
        504171.98   3635625.90       30.20475  (21013118)                504221.98
3635625.90       29.42072  (21013118)
        504271.98   3635625.90       25.00552  (21013118)                504321.98
3635625.90       18.41379  (21013118)
        504371.98   3635625.90       13.79633  (21013118)                504421.98
3635625.90       13.42656  (19022602)
        504471.98   3635625.90       12.16436  (21121422)                504521.98
3635625.90       13.31252  (20040223)
        504571.98   3635625.90       15.53967  (20011620)                504621.98
3635625.90       19.52223  (20011620)
        504671.98   3635625.90       21.59074  (20011620)                504721.98
3635625.90       25.68038  (20011620)
        504771.98   3635625.90       32.46305  (21090701)                504821.98
3635625.90       34.13987  (21122618)
        504871.98   3635625.90       35.42001  (21122618)                504921.98
3635625.90       25.10072  (21122618)
        504971.98   3635625.90       32.30926  (21122618)                505021.98
3635625.90       22.74900  (21012617)
        505071.98   3635625.90       22.14359  (21012617)                505121.98
3635625.90       26.86620  (19102623)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 906
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 28.37104 | (19102623) | 505221.98 | 3635625.90 | 28.43431 | (19102623) |
| 502221.98 | 3635675.90 | 29.66811 | (20122320) | 502271.98 | 3635675.90 | 29.27617 | (21012023) |
| 502321.98 | 3635675.90 | 29.66295 | (21012023) | 502371.98 | 3635675.90 | 28.67508 | (21012023) |
| 502421.98 | 3635675.90 | 27.79405 | (21072005) | 502471.98 | 3635675.90 | 29.20511 | (20122721) |
| 502521.98 | 3635675.90 | 30.42956 | (20070801) | 502571.98 | 3635675.90 | 30.46005 | (20070801) |
| 502621.98 | 3635675.90 | 30.85402 | (20070802) | 502671.98 | 3635675.90 | 33.53760 | (20070802) |
| 502721.98 | 3635675.90 | 34.40928 | (20070802) | 502771.98 | 3635675.90 | 35.26327 | (21121424) |
| 502821.98 | 3635675.90 | 36.49477 | (19091321) | 502871.98 | 3635675.90 | 36.83648 | (20042421) |
| 502921.98 | 3635675.90 | 37.08537 | (20042421) | 502971.98 | 3635675.90 | 38.06103 | (19121706) |
| 503021.98 | 3635675.90 | 36.83027 | (19121706) | 503071.98 | 3635675.90 | 33.99480 | (20110924) |
| 503121.98 | 3635675.90 | 34.02876 | (21021621) | 503171.98 | 3635675.90 | 35.63828 | (21021621) |
| 503221.98 | 3635675.90 | 34.45319 | (19111601) | 503271.98 | 3635675.90 | 34.83864 | (19050823) |
| 503321.98 | 3635675.90 | 36.11854 | (19071201) | 503371.98 | 3635675.90 | 38.87448 | (20101023) |
| 503421.98 | 3635675.90 | 41.19800 | (20120224) | 503471.98 | 3635675.90 | 41.07006 | (20120224) |
| 503521.98 | 3635675.90 | 39.33926 | (19072124) | 503571.98 | 3635675.90 | 40.03565 | (21081004) |
| 503621.98 | 3635675.90 | 42.52970 | (19101219) | 503671.98 | 3635675.90 | 43.54613 | (19101219) |
| 503721.98 | 3635675.90 | 42.96159 | (20071102) | 503771.98 | 3635675.90 | 42.72609 | (20071102) |
| 503821.98 | 3635675.90 | 40.23850 | (20071102) | 503871.98 | 3635675.90 | 42.04128 | (19122420) |
| 503921.98 | 3635675.90 | 46.01163 | (19122420) | 503971.98 | 3635675.90 | 44.41828 | (19122420) |
| 504021.98 | 3635675.90 | 36.79341 | (20092001) | 504071.98 | 3635675.90 | 27.47524 | (21060422) |
| 504121.98 | 3635675.90 | 26.79573 | (21013118) | 504171.98 | | | |

3635675.90       28.76316  (21013118)
        504221.98   3635675.90       28.58865  (21013118)                504271.98
3635675.90       25.66030  (21013118)
        504321.98   3635675.90       19.98695  (21013118)                504371.98
3635675.90       14.93001  (21013118)
        504421.98   3635675.90       10.68204  (21013118)                504471.98
3635675.90       13.53151  (21121422)
        504521.98   3635675.90       21.48128  (21121422)                504571.98
3635675.90       13.55742  (20011620)
        504621.98   3635675.90       19.67275  (20011620)                504671.98
3635675.90       20.11131  (20011620)
        504721.98   3635675.90       21.91191  (20011620)                504771.98
3635675.90       35.13976  (21090701)
        504821.98   3635675.90       31.63392  (21090701)                504871.98
3635675.90       32.13733  (21122618)
        504921.98   3635675.90       26.56632  (21122618)                504971.98
3635675.90       33.83211  (21122618)
        505021.98   3635675.90       30.16167  (21122618)                505071.98
3635675.90       21.78870  (21012617)
        505121.98   3635675.90       24.99038  (20091421)                505171.98
3635675.90       24.73781  (19102623)
        505221.98   3635675.90       26.39359  (19102623)                502221.98
3635725.90       29.93192  (21012023)
        502271.98   3635725.90       29.23054  (21012023)                502321.98
3635725.90       27.80382  (21012023)
        502371.98   3635725.90       26.38818  (21072005)                502421.98
3635725.90       28.53783  (20122721)
        502471.98   3635725.90       29.14362  (20070801)                502521.98
3635725.90       29.16663  (20070801)
        502571.98   3635725.90       29.63241  (20070802)                502621.98
3635725.90       32.11580  (20070802)
        502671.98   3635725.90       33.06831  (20070802)                502721.98
3635725.90       33.27078  (21121424)
        502771.98   3635725.90       34.72310  (19091321)                502821.98
3635725.90       34.65506  (19071423)
        502871.98   3635725.90       36.59708  (20042421)                502921.98
3635725.90       36.74508  (19121706)
        502971.98   3635725.90       36.19822  (19121706)                503021.98
3635725.90       32.94533  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     L0000938    , L0000939

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, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503071.98   3635725.90       32.43932  (21100523)               503121.98
3635725.90       34.69144  (21021621)
        503171.98   3635725.90       34.55450  (21021621)               503221.98
3635725.90       33.59175  (19050823)
        503271.98   3635725.90       35.32898  (19050823)               503321.98
3635725.90       35.69393  (21100603)
        503371.98   3635725.90       37.06843  (20120224)               503421.98
3635725.90       40.20793  (20120224)
        503471.98   3635725.90       39.44255  (20120224)               503521.98
3635725.90       37.70663  (19072124)
        503571.98   3635725.90       38.90272  (21081004)               503621.98
3635725.90       39.90394  (19101219)
        503671.98   3635725.90       41.93268  (19101219)               503721.98
3635725.90       41.00058  (20071102)
        503771.98   3635725.90       41.12612  (20071102)               503821.98
3635725.90       39.10128  (20071102)
        503871.98   3635725.90       40.37911  (19122420)               503921.98
3635725.90       44.69198  (19122420)
        503971.98   3635725.90       44.16870  (19122420)               504021.98
3635725.90       37.36226  (19122420)
        504071.98   3635725.90       36.66811  (20092001)               504121.98
3635725.90       28.81810  (21013118)
        504171.98   3635725.90       30.06545  (21013118)               504221.98
3635725.90       34.86106  (21013118)
        504271.98   3635725.90       36.24422  (20121721)               504321.98
3635725.90       21.64522  (21013118)
        504371.98   3635725.90       16.73221  (21013118)               504421.98
3635725.90       12.16433  (19022602)
        504471.98   3635725.90       21.40146  (21121422)               504521.98
3635725.90       29.00569  (21121422)
        504571.98   3635725.90       18.41527  (21121422)               504621.98
3635725.90       16.54986  (21121422)
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        504671.98   3635725.90       20.74993  (20011620)                504721.98
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        504771.98   3635725.90       21.74805  (20011620)                504821.98
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        504871.98   3635725.90       24.11144  (21122618)                504921.98
3635725.90       25.87328  (21122618)
        504971.98   3635725.90       33.12783  (21122618)                505021.98
3635725.90       33.27752  (21122618)
        505071.98   3635725.90       28.68519  (21122618)                505121.98
3635725.90       26.76355  (21122618)
        505171.98   3635725.90       24.17707  (20091421)                505221.98
3635725.90       22.46488  (19102623)
        502221.98   3635775.90       29.13464  (21012023)                502271.98
3635775.90       26.95815  (21012023)
        502321.98   3635775.90       26.59667  (20122721)                502371.98
3635775.90       27.28971  (20122721)
        502421.98   3635775.90       28.02895  (20122721)                502471.98
3635775.90       27.85601  (20070801)
        502521.98   3635775.90       27.83621  (20070802)                502571.98
3635775.90       30.70569  (20070802)
        502621.98   3635775.90       31.64937  (20070802)                502671.98
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        502721.98   3635775.90       33.55679  (19091321)                502771.98
3635775.90       34.39937  (19091321)
        502821.98   3635775.90       35.27253  (20042421)                502871.98
3635775.90       35.28514  (20042421)
        502921.98   3635775.90       35.51278  (19121706)                502971.98
3635775.90       33.34367  (19121706)
        503021.98   3635775.90       32.15413  (21100523)                503071.98
3635775.90       32.65645  (21021621)
        503121.98   3635775.90       33.91185  (21021621)                503171.98
3635775.90       33.14884  (21112718)
        503221.98   3635775.90       34.85764  (19050823)                503271.98
3635775.90       34.61192  (19050823)
        503321.98   3635775.90       36.24892  (21100603)                503371.98
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        503421.98   3635775.90       38.57722  (20120224)                503471.98
3635775.90       37.44231  (19072124)
        503521.98   3635775.90       35.99531  (19072124)                503571.98
3635775.90       34.74266  (21021806)
        503621.98   3635775.90       35.11685  (19101219)                503671.98
3635775.90       39.05020  (19101219)
        503721.98   3635775.90       39.58155  (20071102)                503771.98
3635775.90       39.58567  (20071102)
        503821.98   3635775.90       37.71280  (20071102)                503871.98
3635775.90       38.33516  (19122420)
        503921.98   3635775.90       42.91697  (19122420)                503971.98
3635775.90       43.66123  (19122420)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
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*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 39.04460 | (19122420) | 504071.98 | 3635775.90 | 40.86954 | (20092001) |
| 504121.98 | 3635775.90 | 37.03690 | (21060422) | 504171.98 | 3635775.90 | 36.30285 | (21060422) |
| 504221.98 | 3635775.90 | 35.03624 | (21013118) | 504271.98 | 3635775.90 | 36.52712 | (20121721) |
| 504321.98 | 3635775.90 | 35.75683 | (20121721) | 504371.98 | 3635775.90 | 25.67687 | (20092821) |
| 504421.98 | 3635775.90 | 20.48805 | (19022602) | 504471.98 | 3635775.90 | 28.33431 | (19022602) |
| 504521.98 | 3635775.90 | 31.00661 | (19022602) | 504571.98 | 3635775.90 | 23.10516 | (21121422) |
| 504621.98 | 3635775.90 | 26.84416 | (21121422) | 504671.98 | 3635775.90 | 18.42211 | (21061321) |
| 504721.98 | 3635775.90 | 19.06437 | (20011620) | 504771.98 | 3635775.90 | 21.36931 | (20011620) |
| 504821.98 | 3635775.90 | 22.42464 | (20011620) | 504871.98 | 3635775.90 | 22.83042 | (20011620) |
| 504921.98 | 3635775.90 | 23.40923 | (21122618) | 504971.98 | 3635775.90 | 30.81161 | (21122618) |
| 505021.98 | 3635775.90 | 32.91427 | (21122618) | 505071.98 | 3635775.90 | 30.31786 | (21122618) |
| 505121.98 | 3635775.90 | 29.14132 | (21122618) | 505171.98 | | | |

3635775.90 25.43043 (21122618)
505221.98 3635775.90 23.22153 (20091421) 502221.98
3635825.90 26.37816 (21012023)
502271.98 3635825.90 26.60174 (20122721) 502321.98
3635825.90 27.45139 (20122721)
502371.98 3635825.90 26.79618 (20070801) 502421.98
3635825.90 26.48003 (20070801)
502471.98 3635825.90 26.42524 (19031105) 502521.98
3635825.90 28.83379 (20070802)
502571.98 3635825.90 30.13886 (20070802) 502621.98
3635825.90 30.98926 (21121424)
502671.98 3635825.90 31.52302 (21121424) 502721.98
3635825.90 32.67733 (19091321)
502771.98 3635825.90 33.51504 (20042421) 502821.98
3635825.90 34.80765 (20042421)
502871.98 3635825.90 34.40181 (19121706) 502921.98
3635825.90 33.26068 (19121706)
502971.98 3635825.90 29.73213 (19121706) 503021.98
3635825.90 31.39662 (21100523)
503071.98 3635825.90 32.38821 (21021621) 503121.98
3635825.90 32.26055 (21021621)
503171.98 3635825.90 32.27481 (21112718) 503221.98
3635825.90 33.68148 (19050823)
503271.98 3635825.90 33.63461 (21100603) 503321.98
3635825.90 34.89904 (21100603)
503371.98 3635825.90 35.40182 (20120224) 503421.98
3635825.90 36.63075 (20120224)
503471.98 3635825.90 36.28342 (19072124) 503521.98
3635825.90 34.27842 (19051001)
503571.98 3635825.90 35.35616 (19051001) 503621.98
3635825.90 33.43650 (19080922)
503671.98 3635825.90 36.70395 (21041324) 503721.98
3635825.90 37.04940 (21041324)
503771.98 3635825.90 37.96873 (20071102) 503821.98
3635825.90 35.83901 (20071102)
503871.98 3635825.90 35.41144 (19122420) 503921.98
3635825.90 40.97851 (19122420)
503971.98 3635825.90 41.91320 (19122420) 504021.98
3635825.90 40.16850 (19122420)
504071.98 3635825.90 40.84787 (20092001) 504121.98
3635825.90 40.54339 (20092001)
504171.98 3635825.90 39.36836 (21060422) 504221.98
3635825.90 36.95495 (21060422)
504271.98 3635825.90 37.25895 (19012903) 504321.98
3635825.90 38.53059 (20121721)
504371.98 3635825.90 35.73803 (20121721) 504421.98
3635825.90 32.22827 (20092821)
504471.98 3635825.90 30.90272 (19022602) 504521.98
3635825.90 33.73332 (19022602)
504571.98 3635825.90 30.30944 (21121422) 504621.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504971.98   3635825.90       26.76169  (21090701)                505021.98
3635825.90       29.34569  (21122618)
        505071.98   3635825.90       31.16839  (21122618)                505121.98
3635825.90       30.16299  (21122618)
        505171.98   3635825.90       28.43815  (21122618)                505221.98
3635825.90       24.77228  (21122618)
        502221.98   3635875.90       27.49059  (20122721)                502271.98
3635875.90       27.23628  (20122721)
        502321.98   3635875.90       26.50944  (20122721)                502371.98
3635875.90       25.54698  (20070801)
        502421.98   3635875.90       25.67166  (19031105)                502471.98
3635875.90       27.44826  (20070802)
        502521.98   3635875.90       28.15561  (20070802)                502571.98
3635875.90       30.07958  (21121424)

```
        502621.98   3635875.90       31.07665  (21121424)               502671.98
3635875.90       30.25593  (19091321)
        502721.98   3635875.90       30.94851  (19071423)               502771.98
3635875.90       33.38675  (20042421)
        502821.98   3635875.90       32.99864  (19121706)               502871.98
3635875.90       32.96043  (19121706)
        502921.98   3635875.90       29.88105  (19121706)               502971.98
3635875.90       29.88903  (21100523)
        503021.98   3635875.90       30.52519  (21021621)               503071.98
3635875.90       31.44702  (21021621)
        503121.98   3635875.90       31.52499  (21112718)               503171.98
3635875.90       32.53791  (19050823)
        503221.98   3635875.90       33.37824  (19050823)               503271.98
3635875.90       33.66260  (21100603)
        503321.98   3635875.90       33.99394  (21100603)               503371.98
3635875.90       34.35158  (20120224)
        503421.98   3635875.90       34.94889  (20120224)               503471.98
3635875.90       34.56541  (19072124)
        503521.98   3635875.90       32.36301  (19051001)               503571.98
3635875.90       34.20032  (19051001)
        503621.98   3635875.90       32.30782  (19080922)               503671.98
3635875.90       35.72124  (21041324)
        503721.98   3635875.90       35.99430  (21041324)               503771.98
3635875.90       35.92275  (20071102)
        503821.98   3635875.90       33.63035  (20071102)               503871.98
3635875.90       32.98751  (19072224)
        503921.98   3635875.90       38.34478  (19122420)               503971.98
3635875.90       40.38586  (19122420)
        504021.98   3635875.90       40.08734  (19122420)               504071.98
3635875.90       38.42559  (20092001)
        504121.98   3635875.90       39.29315  (20092001)               504171.98
3635875.90       39.31802  (21060422)
        504221.98   3635875.90       38.40592  (21060422)               504271.98
3635875.90       36.04597  (21013118)
        504321.98   3635875.90       38.02828  (20121721)               504371.98
3635875.90       39.37718  (20121721)
        504421.98   3635875.90       37.28498  (20121721)               504471.98
3635875.90       33.69530  (20092821)
        504521.98   3635875.90       32.59131  (19022602)               504571.98
3635875.90       32.25460  (19022602)
        504621.98   3635875.90       31.44736  (21121422)               504671.98
3635875.90       30.62814  (21121422)
        504721.98   3635875.90       14.00357  (21121422)               504771.98
3635875.90       16.12914  (20011620)
        504821.98   3635875.90       19.83191  (21090701)               504871.98
3635875.90       22.81321  (21090701)
        504921.98   3635875.90       24.95402  (21090701)               504971.98
3635875.90       28.24293  (21090701)
        505021.98   3635875.90       25.59712  (21090701)               505071.98
3635875.90       27.75219  (21122618)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505121.98 | 3635875.90 | 29.71350 | (21122618) | 505171.98 | 3635875.90 | 29.44719 | (21122618) |
| 505221.98 | 3635875.90 | 27.70473 | (21122618) | 502221.98 | 3635925.90 | 28.12887 | (20122721) |
| 502271.98 | 3635925.90 | 26.54574 | (20122721) | 502321.98 | 3635925.90 | 25.17927 | (19031105) |
| 502371.98 | 3635925.90 | 24.59884 | (19031105) | 502421.98 | 3635925.90 | 25.96097 | (20070802) |
| 502471.98 | 3635925.90 | 27.11248 | (20070802) | 502521.98 | 3635925.90 | 29.30487 | (21121424) |
| 502571.98 | 3635925.90 | 30.28322 | (21121424) | 502621.98 | 3635925.90 | 29.49567 | (21121424) |
| 502671.98 | 3635925.90 | 28.54529 | (19071423) | 502721.98 | 3635925.90 | 30.75276 | (20042421) |
| 502771.98 | 3635925.90 | 31.95961 | (20042421) | 502821.98 | 3635925.90 | 32.29536 | (19121706) |
| 502871.98 | 3635925.90 | 30.54112 | (19121706) | 502921.98 | 3635925.90 | 28.88905 | (21100523) |
| 502971.98 | 3635925.90 | 29.09134 | (21100523) | 503021.98 | 3635925.90 | 30.39497 | (21021621) |
| 503071.98 | 3635925.90 | 29.94785 | (21112718) | 503121.98 | | | |

3635925.90 30.43150 (21112718)
503171.98 3635925.90 32.21012 (19050823) 503221.98
3635925.90 31.90756 (19050823)
503271.98 3635925.90 33.22106 (21100603) 503321.98
3635925.90 32.41175 (21100603)
503371.98 3635925.90 33.71248 (20120224) 503421.98
3635925.90 33.58461 (19072124)
503471.98 3635925.90 31.82727 (20052321) 503521.98
3635925.90 31.72105 (19051001)
503571.98 3635925.90 32.93645 (19051001) 503621.98
3635925.90 30.87327 (21041324)
503671.98 3635925.90 34.82489 (21041324) 503721.98
3635925.90 35.10073 (21041324)
503771.98 3635925.90 34.44585 (19072223) 503821.98
3635925.90 31.63462 (19072223)
503871.98 3635925.90 31.18459 (19072224) 503921.98
3635925.90 36.44623 (19122420)
503971.98 3635925.90 38.74598 (19122420) 504021.98
3635925.90 38.78165 (19122420)
504071.98 3635925.90 36.34585 (20092001) 504121.98
3635925.90 37.39638 (20092001)
504171.98 3635925.90 36.26531 (21060422) 504221.98
3635925.90 35.60092 (21060422)
504271.98 3635925.90 35.59686 (21013118) 504321.98
3635925.90 35.54865 (19012903)
504371.98 3635925.90 38.11701 (20121721) 504421.98
3635925.90 38.45370 (20121721)
504471.98 3635925.90 37.46636 (20092821) 504521.98
3635925.90 34.00235 (20092821)
504571.98 3635925.90 33.61761 (19022602) 504621.98
3635925.90 29.79988 (19022602)
504671.98 3635925.90 31.12535 (21121422) 504721.98
3635925.90 29.23116 (21121422)
504771.98 3635925.90 23.95303 (21121422) 504821.98
3635925.90 16.58336 (20011620)
504871.98 3635925.90 19.25142 (20011620) 504921.98
3635925.90 21.61775 (21090701)
504971.98 3635925.90 27.82268 (21090701) 505021.98
3635925.90 28.37791 (21090701)
505071.98 3635925.90 26.87601 (21081602) 505121.98
3635925.90 28.00664 (21122618)
505171.98 3635925.90 29.00981 (21122618) 505221.98
3635925.90 30.59121 (21122618)
502221.98 3635975.90 27.25054 (20122721) 502271.98
3635975.90 25.35464 (19031105)
502321.98 3635975.90 24.92571 (19031105) 502371.98
3635975.90 24.59875 (20070802)
502421.98 3635975.90 25.41454 (20070802) 502471.98
3635975.90 27.92055 (21121424)
502521.98 3635975.90 29.48591 (21121424) 502571.98

3635975.90       28.70854  (21121424)
        502621.98   3635975.90       27.22284  (19071423)                502671.98
3635975.90       28.21098  (19112801)
        502721.98   3635975.90       30.09946  (19121706)                502771.98
3635975.90       31.40569  (19121706)
        502821.98   3635975.90       30.51192  (19121706)                502871.98
3635975.90       27.32697  (19121706)
        502921.98   3635975.90       28.36303  (21100523)                502971.98
3635975.90       28.96798  (21021621)
        503021.98   3635975.90       29.70247  (21021621)                503071.98
3635975.90       29.63419  (21112718)
        503121.98   3635975.90       29.99595  (19050823)                503171.98
3635975.90       31.49026  (19050823)
        503221.98   3635975.90       31.33382  (21100603)                503271.98
3635975.90       32.37526  (21100603)
        503321.98   3635975.90       31.24822  (20120224)                503371.98
3635975.90       33.52262  (20120224)
        503421.98   3635975.90       31.34236  (19072124)                503471.98
3635975.90       30.38746  (20070922)
        503521.98   3635975.90       31.95894  (19051001)                503571.98
3635975.90       31.84502  (19051001)
        503621.98   3635975.90       30.32524  (21041324)                503671.98
3635975.90       33.96976  (21041324)
        503721.98   3635975.90       34.15680  (21041324)                503771.98
3635975.90       33.88396  (19072223)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                 L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                 L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 31.00256 | (19072223) | 503871.98 | 3635975.90 | 30.10169 | (19072224) |
| 503921.98 | 3635975.90 | 34.42824 | (19122420) | 503971.98 | 3635975.90 | 37.36425 | (19122420) |
| 504021.98 | 3635975.90 | 36.89402 | (19122420) | 504071.98 | 3635975.90 | 33.32713 | (19122420) |
| 504121.98 | 3635975.90 | 33.70947 | (20092001) | 504171.98 | 3635975.90 | 31.94891 | (20092001) |
| 504221.98 | 3635975.90 | 32.15967 | (21060422) | 504271.98 | 3635975.90 | 34.72141 | (21013118) |
| 504321.98 | 3635975.90 | 34.76132 | (21013118) | 504371.98 | 3635975.90 | 32.80719 | (20121721) |
| 504421.98 | 3635975.90 | 34.89318 | (20121721) | 504471.98 | 3635975.90 | 35.12954 | (20092821) |
| 504521.98 | 3635975.90 | 34.91242 | (20092821) | 504571.98 | 3635975.90 | 33.89911 | (19022602) |
| 504621.98 | 3635975.90 | 35.19550 | (19022602) | 504671.98 | 3635975.90 | 33.59489 | (21121422) |
| 504721.98 | 3635975.90 | 34.19478 | (21121422) | 504771.98 | 3635975.90 | 30.60837 | (21121422) |
| 504821.98 | 3635975.90 | 24.31050 | (21121422) | 504871.98 | 3635975.90 | 20.87913 | (21061321) |
| 504921.98 | 3635975.90 | 20.31551 | (21090701) | 504971.98 | 3635975.90 | 25.78229 | (21090701) |
| 505021.98 | 3635975.90 | 27.85524 | (21090701) | 505071.98 | 3635975.90 | 27.65421 | (21090701) |
| 505121.98 | 3635975.90 | 25.85744 | (21081602) | 505171.98 | 3635975.90 | 27.87596 | (21122618) |
| 505221.98 | 3635975.90 | 28.21087 | (21122618) | 501721.98 | 3632475.90 | 2.49815 | (19010119) |
| 501821.98 | 3632475.90 | 3.64605 | (21030103) | 501921.98 | 3632475.90 | 5.20531 | (21030103) |
| 502021.98 | 3632475.90 | 6.87715 | (21030103) | 502121.98 | 3632475.90 | 8.31108 | (21030103) |
| 502221.98 | 3632475.90 | 9.09581 | (21030103) | 502321.98 | 3632475.90 | 10.45142 | (20121603) |
| 502421.98 | 3632475.90 | 12.80808 | (20121603) | 502521.98 | 3632475.90 | 13.54326 | (20121603) |
| 502621.98 | 3632475.90 | 12.21503 | (20121603) | 502721.98 | 3632475.90 | 12.36088 | (21063005) |
| 502821.98 | 3632475.90 | 13.20502 | (20102407) | 502921.98 | 3632475.90 | 17.86522 | (20102407) |
| 503021.98 | 3632475.90 | 20.69555 | (20111701) | 503121.98 | 3632475.90 | 24.66696 | (19081924) |
| 503221.98 | 3632475.90 | 28.77851 | (19081924) | 503321.98 | 3632475.90 | 25.22670 | (19110606) |

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        503421.98   3632475.90       27.21501  (19101521)                503721.98
3632475.90       26.06490  (21020203)
        503821.98   3632475.90       27.23691  (20082921)                503921.98
3632475.90       22.21468  (20082921)
        504021.98   3632475.90       18.30167  (20081802)                504121.98
3632475.90       18.73818  (20080922)
        504221.98   3632475.90       16.86546  (21011302)                504321.98
3632475.90       16.91687  (19102905)
        504421.98   3632475.90       17.35443  (20081021)                504521.98
3632475.90       18.05241  (20083021)
        504621.98   3632475.90       16.51977  (21013021)                504721.98
3632475.90       16.28561  (21120723)
        504821.98   3632475.90       15.69996  (20101423)                504921.98
3632475.90       15.93871  (21011323)
        505021.98   3632475.90       15.69456  (21010102)                505121.98
3632475.90       14.96919  (20011902)
        505221.98   3632475.90       15.28951  (21021820)                505321.98
3632475.90       15.06085  (21011520)
        505421.98   3632475.90       14.41317  (21010522)                505521.98
3632475.90       14.31148  (19122301)
        505621.98   3632475.90       13.71164  (20122923)                505721.98
3632475.90       13.46996  (20100121)
        501721.98   3632575.90        3.17921  (19010119)                501821.98
3632575.90        2.74890  (19010119)
        501921.98   3632575.90        4.05109  (21030103)                502021.98
3632575.90        5.79962  (21030103)
        502121.98   3632575.90        7.63355  (21030103)                502221.98
3632575.90        9.12385  (21030103)
        502321.98   3632575.90        9.79374  (21030103)                502421.98
3632575.90       12.06839  (20121603)
        502521.98   3632575.90       14.18101  (20121603)                502621.98
3632575.90       14.19155  (20121603)
        502721.98   3632575.90       12.15893  (21063005)                502821.98
3632575.90       12.85208  (21063005)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 912
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
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L0000959 , L0000960 , L0000961 , L0000962 , L0000963
, L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 16.89822 | (20102407) | 503021.98 | 3632575.90 | 20.93735 | (20111701) |
| 503121.98 | 3632575.90 | 22.07489 | (19081924) | 503221.98 | 3632575.90 | 30.34978 | (19081924) |
| 503321.98 | 3632575.90 | 26.08363 | (19081924) | 503421.98 | 3632575.90 | 28.36191 | (19101521) |
| 503721.98 | 3632575.90 | 25.20347 | (21020203) | 503821.98 | 3632575.90 | 26.78330 | (20082921) |
| 503921.98 | 3632575.90 | 18.40763 | (20081802) | 504021.98 | 3632575.90 | 17.68441 | (19032124) |
| 504121.98 | 3632575.90 | 18.12151 | (21013120) | 504221.98 | 3632575.90 | 17.18139 | (21011302) |
| 504321.98 | 3632575.90 | 17.56667 | (21022205) | 504421.98 | 3632575.90 | 17.41385 | (21011620) |
| 504521.98 | 3632575.90 | 17.76043 | (21013021) | 504621.98 | 3632575.90 | 16.85459 | (20042404) |
| 504721.98 | 3632575.90 | 16.68083 | (20101423) | 504821.98 | 3632575.90 | 16.21916 | (21011323) |
| 504921.98 | 3632575.90 | 16.15328 | (21010102) | 505021.98 | 3632575.90 | 16.18853 | (20011902) |
| 505121.98 | 3632575.90 | 15.96680 | (19022705) | 505221.98 | 3632575.90 | 15.60348 | (21011520) |
| 505321.98 | 3632575.90 | 15.20092 | (19121906) | 505421.98 | 3632575.90 | 15.04663 | (19122301) |
| 505521.98 | 3632575.90 | 14.54558 | (20122923) | 505621.98 | 3632575.90 | 14.19937 | (20100121) |
| 505721.98 | 3632575.90 | 14.06151 | (21022502) | 501721.98 | 3632675.90 | 3.87297 | (19010119) |
| 501821.98 | 3632675.90 | 3.50597 | (19010119) | 501921.98 | 3632675.90 | 3.03714 | (19010119) |
| 502021.98 | 3632675.90 | 4.52177 | (21030103) | 502121.98 | 3632675.90 | 6.48896 | (21030103) |
| 502221.98 | 3632675.90 | 8.49900 | (21030103) | 502321.98 | 3632675.90 | 10.02479 | (21030103) |
| 502421.98 | 3632675.90 | 10.52056 | (21030103) | 502521.98 | 3632675.90 | 13.84176 | (20121603) |
| 502621.98 | 3632675.90 | 15.48474 | (20121603) | 502721.98 | | | |

3632675.90       14.53859  (20121603)
        502821.98   3632675.90       23.27853  (20092124)                502921.98
3632675.90       24.85933  (20092124)
        503021.98   3632675.90       24.59671  (20082723)                503721.98
3632675.90       25.47337  (21020203)
        503821.98   3632675.90       28.27087  (20082921)                503921.98
3632675.90       22.06796  (20081802)
        504021.98   3632675.90       18.81175  (20022622)                504121.98
3632675.90       18.82144  (21013120)
        504221.98   3632675.90       18.43549  (19102905)                504321.98
3632675.90       18.55085  (20022403)
        504421.98   3632675.90       18.46817  (21011620)                504521.98
3632675.90       18.37494  (21013021)
        504621.98   3632675.90       17.82088  (21120723)                504721.98
3632675.90       17.24786  (20112022)
        504821.98   3632675.90       17.38550  (21011323)                504921.98
3632675.90       17.01662  (20011902)
        505021.98   3632675.90       16.83586  (19022705)                505121.98
3632675.90       16.41847  (20121007)
        505221.98   3632675.90       16.11069  (21011520)                505321.98
3632675.90       15.76998  (19122301)
        505421.98   3632675.90       15.40843  (20122923)                505521.98
3632675.90       14.95871  (20100121)
        505621.98   3632675.90       14.78616  (21022502)                505721.98
3632675.90       14.28745  (20021702)
        502421.98   3632775.90       13.00640  (21030103)                502521.98
3632775.90       18.75940  (21030103)
        502621.98   3632775.90       20.68439  (20121603)                502721.98
3632775.90       16.61163  (20121603)
        502821.98   3632775.90       26.66310  (20092124)                502921.98
3632775.90       30.41456  (20090205)
        503021.98   3632775.90       26.76414  (20090205)                503121.98
3632775.90       30.48618  (20111701)
        503221.98   3632775.90       26.78340  (19081924)                503621.98
3632775.90       29.87373  (20050102)
        503721.98   3632775.90       26.76516  (21020203)                503821.98
3632775.90       27.50360  (20082921)
        503921.98   3632775.90       23.70793  (20081802)                504021.98
3632775.90       20.82806  (20080922)
        504121.98   3632775.90       19.42284  (21011302)                504221.98
3632775.90       19.43933  (19102905)
        504321.98   3632775.90       19.31473  (20022403)                504421.98
3632775.90       19.32117  (21013021)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 18.53905 | (20042404) | 504621.98 | 3632775.90 | 18.31622 | (20101423) |
| 504721.98 | 3632775.90 | 18.18909 | (21011323) | 504821.98 | 3632775.90 | 18.01211 | (21010102) |
| 504921.98 | 3632775.90 | 17.42368 | (19022705) | 505021.98 | 3632775.90 | 17.49792 | (21021820) |
| 505121.98 | 3632775.90 | 17.24206 | (21011520) | 505221.98 | 3632775.90 | 16.66603 | (21010522) |
| 505321.98 | 3632775.90 | 16.30585 | (20122923) | 505421.98 | 3632775.90 | 15.79872 | (20100121) |
| 505521.98 | 3632775.90 | 15.56588 | (21022502) | 505621.98 | 3632775.90 | 15.17576 | (20021702) |
| 505721.98 | 3632775.90 | 15.07867 | (20020804) | 501721.98 | 3632875.90 | 4.90443 | (19010119) |
| 501821.98 | 3632875.90 | 4.91371 | (19010119) | 501921.98 | 3632875.90 | 4.71760 | (19010119) |
| 502021.98 | 3632875.90 | 4.32048 | (19010119) | 502121.98 | 3632875.90 | 3.76192 | (19010119) |
| 502221.98 | 3632875.90 | 5.71808 | (21030103) | 502321.98 | 3632875.90 | 8.23497 | (21030103) |
| 502421.98 | 3632875.90 | 10.63535 | (21030103) | 502521.98 | 3632875.90 | 12.11635 | (21030103) |
| 502621.98 | 3632875.90 | 14.70849 | (20121603) | 502721.98 | 3632875.90 | 17.64520 | (20121603) |
| 502821.98 | 3632875.90 | 23.59981 | (20092124) | 502921.98 | 3632875.90 | 32.20799 | (20090205) |
| 503021.98 | 3632875.90 | 23.17777 | (20090205) | 503121.98 | 3632875.90 | 25.32633 | (20111701) |

503221.98 3632875.90 29.78588 (20111701) 503321.98
3632875.90 34.52934 (19081924)
503421.98 3632875.90 32.74327 (19110606) 503621.98
3632875.90 30.75050 (20050102)
503721.98 3632875.90 26.94743 (21020203) 503821.98
3632875.90 27.41607 (20082921)
503921.98 3632875.90 21.50422 (20081802) 504021.98
3632875.90 20.50521 (20022622)
504121.98 3632875.90 20.02362 (21011302) 504221.98
3632875.90 20.14532 (19121107)
504321.98 3632875.90 20.28596 (21011620) 504421.98
3632875.90 20.38987 (21013021)
504521.98 3632875.90 19.54154 (21120723) 504621.98
3632875.90 18.90611 (20112022)
504721.98 3632875.90 18.83303 (21011323) 504821.98
3632875.90 18.66746 (20011902)
504921.98 3632875.90 18.50950 (21021820) 505021.98
3632875.90 18.29601 (21011520)
505121.98 3632875.90 17.68143 (21010522) 505221.98
3632875.90 17.25476 (20122923)
505321.98 3632875.90 16.67724 (20100121) 505421.98
3632875.90 16.42064 (19120104)
505521.98 3632875.90 16.16095 (20021702) 505621.98
3632875.90 15.88182 (20020804)
505721.98 3632875.90 15.29422 (21012402) 501721.98
3632975.90 6.06413 (21111004)
501821.98 3632975.90 5.39972 (21111004) 501921.98
3632975.90 5.39179 (19010119)
502021.98 3632975.90 5.23371 (19010119) 502121.98
3632975.90 4.83046 (19010119)
505321.98 3632975.90 17.38850 (19120104) 505421.98
3632975.90 17.16563 (20021702)
505521.98 3632975.90 16.70209 (20020804) 505621.98
3632975.90 16.24325 (21012402)
505721.98 3632975.90 15.68633 (20121620) 501721.98
3633075.90 7.25926 (21111004)
501821.98 3633075.90 6.92432 (21111004) 501921.98
3633075.90 6.28550 (21111004)
502021.98 3633075.90 5.92637 (19010119) 502121.98
3633075.90 5.82745 (19010119)
505321.98 3633075.90 18.22349 (20021702) 505421.98
3633075.90 17.52918 (20020804)
505521.98 3633075.90 17.12318 (21012402) 505621.98
3633075.90 17.06488 (20111118)
505721.98 3633075.90 16.03474 (19010903) 501721.98
3633175.90 7.89976 (21111004)
501821.98 3633175.90 8.07710 (21111004) 501921.98
3633175.90 7.89026 (21111004)
502021.98 3633175.90 7.32039 (21111004) 502121.98
3633175.90 6.51537 (19010119)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 ,
L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 ,
L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 ,
L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 18.19370 | (20111118) | 505621.98 | 3633175.90 | 18.07923 | (21011418) |
| 505721.98 | 3633175.90 | 17.29311 | (21011418) | 501721.98 | 3633275.90 | 7.74662 | (21111004) |
| 501821.98 | 3633275.90 | 8.49045 | (21111004) | 501921.98 | 3633275.90 | 8.92932 | (21111004) |
| 502021.98 | 3633275.90 | 8.96527 | (21111004) | 502121.98 | 3633275.90 | 8.51579 | (21111004) |
| 505321.98 | 3633275.90 | 19.21576 | (20121620) | 505421.98 | 3633275.90 | 18.53126 | (19010903) |
| 505521.98 | 3633275.90 | 19.22199 | (21011418) | 505621.98 | 3633275.90 | 19.75576 | (21011418) |
| 505721.98 | 3633275.90 | 16.81236 | (21011022) | 501721.98 | 3633375.90 | 6.78225 | (21111004) |
| 501821.98 | 3633375.90 | 7.94803 | (21111004) | 501921.98 | 3633375.90 | 8.99078 | (21111004) |
| 502021.98 | 3633375.90 | 9.76487 | (21111004) | 502121.98 | 3633375.90 | 10.11158 | (21111004) |
| 505321.98 | 3633375.90 | 20.01478 | (20082222) | 505421.98 | | | |

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3633375.90       19.31232  (21011418)
        505521.98   3633375.90       18.40103  (21011022)                505621.98
3633375.90       17.80844  (20021024)
        505721.98   3633375.90       17.51461  (21122302)                501721.98
3633475.90        6.01960  (21012320)
        501821.98   3633475.90        6.57456  (21111004)                501921.98
3633475.90        7.98839  (21111004)
        502021.98   3633475.90        9.37238  (21111004)                502121.98
3633475.90       10.54098  (21111004)
        505321.98   3633475.90       21.82434  (21011418)                505421.98
3633475.90       19.49138  (20021024)
        505521.98   3633475.90       19.26542  (21122302)                505621.98
3633475.90       18.44860  (21010408)
        505721.98   3633475.90       18.01168  (21011720)                501721.98
3633575.90        9.36542  (21012320)
        501821.98   3633575.90        8.50586  (21012320)                501921.98
3633575.90        7.42635  (21012320)
        502021.98   3633575.90        7.79960  (21111004)                502121.98
3633575.90        9.55307  (21111004)
        505321.98   3633575.90       21.06348  (21122302)                505421.98
3633575.90       20.30801  (21011724)
        505521.98   3633575.90       19.62207  (21011720)                505621.98
3633575.90       18.91205  (21011221)
        505721.98   3633575.90       18.86694  (20072623)                501721.98
3633675.90       12.26496  (21012320)
        501821.98   3633675.90       12.05256  (21012320)                501921.98
3633675.90       11.50212  (21012320)
        502021.98   3633675.90       10.58484  (21012320)                502121.98
3633675.90        9.34911  (21012320)
        505321.98   3633675.90       21.66476  (21010408)                505421.98
3633675.90       20.82915  (21011221)
        505521.98   3633675.90       20.15518  (20121406)                505621.98
3633675.90       19.21112  (20021723)
        505721.98   3633675.90       20.56941  (20081804)                501721.98
3633775.90       13.35214  (21012320)
        501821.98   3633775.90       14.12628  (21012320)                501921.98
3633775.90       14.60585  (21012320)
        502021.98   3633775.90       14.68934  (21012320)                502121.98
3633775.90       14.28303  (21012320)
        505321.98   3633775.90       22.18619  (20121406)                505421.98
3633775.90       21.32581  (20021723)
        505521.98   3633775.90       20.72628  (19011606)                505621.98
3633775.90       21.20360  (20081804)
        505721.98   3633775.90       21.60866  (20081804)                501721.98
3633875.90       11.93533  (21012320)
        501821.98   3633875.90       13.51355  (21012320)                501921.98
3633875.90       14.95035  (21012320)
        502021.98   3633875.90       16.36130  (21012320)                502121.98
3633875.90       17.39627  (21012320)
        505321.98   3633875.90       23.16311  (20081804)                505421.98
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3633875.90       22.42149  (20081804)
        505521.98   3633875.90       21.24380  (20082223)                505621.98
3633875.90       20.21590  (20082223)
        505721.98   3633875.90       20.66572  (20081222)                501721.98
3633975.90        8.68364  (21012320)
        501821.98   3633975.90       10.38606  (21012320)                501921.98
3633975.90       12.30108  (21012320)
        502021.98   3633975.90       14.37695  (21012320)                502121.98
3633975.90       16.58452  (21012320)
        505321.98   3633975.90       23.32341  (20082223)                505421.98
3633975.90       22.00722  (19011923)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                 L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                 L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3633975.90       21.16876  (21121821)                505621.98
3633975.90       20.40674  (20121224)
        505721.98   3633975.90       20.20735  (20121224)                501721.98
3634075.90       10.98374  (19083104)
        501821.98   3634075.90       11.37106  (19083104)                501921.98
3634075.90       11.69243  (19083104)
        502021.98   3634075.90       11.92481  (19083104)                502121.98
3634075.90       12.11673  (21012320)
        505321.98   3634075.90       23.46326  (20121224)                505421.98
3634075.90       22.41441  (20020703)

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        505521.98   3634075.90       21.90900  (21020219)                505621.98
3634075.90       22.07149  (21121518)
        505721.98   3634075.90       20.50647  (21121518)                501721.98
3634175.90       11.46939  (19083104)
        501821.98   3634175.90       12.35179  (19083104)                501921.98
3634175.90       13.24975  (19083104)
        502021.98   3634175.90       14.10463  (19083104)                502121.98
3634175.90       15.04426  (19083104)
        505321.98   3634175.90       24.50449  (20101001)                505421.98
3634175.90       25.03776  (20080321)
        505521.98   3634175.90       25.47145  (20080321)                505621.98
3634175.90       22.91475  (20080321)
        505721.98   3634175.90       20.45770  (20080321)                501721.98
3634275.90        9.71680  (19083104)
        501821.98   3634275.90       10.70587  (19083104)                501921.98
3634275.90       11.80806  (19083104)
        502021.98   3634275.90       13.02463  (19083104)                502121.98
3634275.90       14.39000  (19083104)
        505321.98   3634275.90       28.56142  (20080321)                505421.98
3634275.90       27.67692  (19031020)
        505521.98   3634275.90       23.49888  (19031020)                505621.98
3634275.90       21.62836  (19031020)
        505721.98   3634275.90       20.39663  (20013123)                501721.98
3634375.90        9.07727  (20022619)
        501821.98   3634375.90        9.70061  (20022619)                501921.98
3634375.90       10.30992  (20022619)
        502021.98   3634375.90       11.01737  (20022619)                502121.98
3634375.90       11.88027  (20022619)
        505321.98   3634375.90       32.10961  (20092120)                505421.98
3634375.90       30.38770  (20092120)
        505521.98   3634375.90       23.27712  (20092120)                505621.98
3634375.90       20.90148  (20092120)
        505721.98   3634375.90       19.72943  (20092120)                501721.98
3634475.90       12.74043  (21021102)
        501821.98   3634475.90       13.68834  (21021102)                501921.98
3634475.90       14.73330  (21021102)
        502021.98   3634475.90       15.92682  (21021102)                502121.98
3634475.90       17.22188  (21021102)
        505321.98   3634475.90       32.82681  (20082306)                505421.98
3634475.90       35.00485  (20082306)
        505521.98   3634475.90       29.07217  (20082306)                505621.98
3634475.90       24.20178  (20082306)
        505721.98   3634475.90       20.28269  (21021007)                501721.98
3634575.90       14.60435  (21021102)
        501821.98   3634575.90       15.55954  (21021102)                501921.98
3634575.90       16.61392  (21021102)
        502021.98   3634575.90       17.79685  (21021102)                502121.98
3634575.90       19.10410  (21021102)
        505321.98   3634575.90       30.97500  (20041201)                505421.98
3634575.90       33.57745  (21013119)
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3634575.90       23.22588  (20041201)
        505721.98   3634575.90       20.19145  (20011720)               501721.98
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        501821.98   3634675.90       13.45393  (21021102)               501921.98
3634675.90       14.02557  (21021102)
        502021.98   3634675.90       14.62800  (21021102)               502121.98
3634675.90       15.17546  (21021102)
        505321.98   3634675.90       32.63638  (20041201)               505421.98
3634675.90       37.22467  (20041201)
        505521.98   3634675.90       35.61258  (20041201)               505621.98
3634675.90       33.64537  (20041201)
        505721.98   3634675.90       27.84139  (20041201)               501721.98
3634775.90       10.00231  (19101801)
        501821.98   3634775.90       10.77306  (19050903)               501921.98
3634775.90       12.23055  (19050903)
        502021.98   3634775.90       13.87654  (19050903)               502121.98
3634775.90       15.64953  (19050903)
        505321.98   3634775.90       34.10477  (20081806)               505421.98
3634775.90       34.70684  (20081806)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 916
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
                  L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                  L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                  L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3634775.90       31.54563  (20081806)               505621.98
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3634775.90 30.05947 (20081806)
505721.98 3634775.90 26.94318 (20081806) 501721.98
3634875.90 12.19264 (19050903)
501821.98 3634875.90 13.36482 (19050903) 501921.98
3634875.90 14.52689 (19050903)
502021.98 3634875.90 15.64744 (19050903) 502121.98
3634875.90 16.68179 (19050903)
505321.98 3634875.90 32.71016 (19022319) 505421.98
3634875.90 34.50878 (21012820)
505521.98 3634875.90 32.76225 (21012820) 505621.98
3634875.90 30.54672 (21032601)
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3634975.90 32.60035 (20081401)
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3635075.90 28.89868 (19110921)
502021.98 3635075.90 29.20796 (19110921) 502121.98
3635075.90 10.49542 (20021724)
505321.98 3635075.90 28.19128 (20121617) 505421.98
3635075.90 28.71564 (19042006)
505521.98 3635075.90 29.69724 (19042006) 505621.98
3635075.90 28.27156 (19042006)
505721.98 3635075.90 30.15189 (20081401) 501721.98
3635175.90 26.76104 (19110921)
501821.98 3635175.90 25.91160 (19110921) 501921.98
3635175.90 32.53831 (21112918)
502021.98 3635175.90 31.67753 (21112918) 502121.98
3635175.90 17.30413 (19120120)
505321.98 3635175.90 26.12731 (20010802) 505421.98
3635175.90 26.24665 (19022007)
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3635175.90 21.30254 (19042006)
505721.98 3635175.90 23.52390 (19042006) 501721.98
3635275.90 29.22933 (19120120)
501821.98 3635275.90 30.14667 (21041803) 501921.98
3635275.90 32.61205 (20021924)
502021.98 3635275.90 34.54480 (19012720) 502121.98
3635275.90 30.76127 (19012720)
505621.98 3635275.90 18.10979 (19022007) 505721.98
3635275.90 18.69521 (19022007)
501721.98 3635375.90 26.83802 (20021924) 501821.98

3635375.90       30.43119  (19012720)
        501921.98   3635375.90       31.57583  (19012720)                502021.98
3635375.90       30.07522  (21011719)
        502121.98   3635375.90       33.03540  (21011719)                505621.98
3635375.90        9.52683  (20010802)
        501721.98   3635475.90       23.46894  (19012720)                501821.98
3635475.90       25.93452  (21011719)
        501921.98   3635475.90       28.40592  (19111006)                502021.98
3635475.90       30.09427  (19111006)
        502121.98   3635475.90       31.11416  (21052423)                505621.98
3635475.90        5.58831  (21071520)
        505721.98   3635475.90        4.38164  (20092620)                501721.98
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        505721.98   3635575.90        5.78071  (21071520)                501721.98
3635675.90       22.14384  (19120317)
        501821.98   3635675.90       22.14421  (19120317)                501921.98
3635675.90       26.04490  (19013101)
        502021.98   3635675.90       27.95705  (19013101)                502121.98
3635675.90       28.38046  (20122320)
        505321.98   3635675.90       27.71579  (19102623)                505421.98
3635675.90       11.91053  (21071520)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ONSITE   ***
                                 INCLUDING SOURCE(S):     L0000938    , L0000939 , L0000940    , L0000941    , L0000942    ,
                 L0000943    , L0000944    , L0000945    , L0000946    , L0000947 , L0000948    , L0000949    , L0000950    ,
                 L0000951    , L0000952    , L0000953    , L0000954    , L0000955 , L0000956    , L0000957    , L0000958    ,
                 L0000959    , L0000960    , L0000961    , L0000962    , L0000963 , L0000964    , L0000965    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 9.20002 | (21071520) | 505621.98 | 3635675.90 | 8.22943 | (21071520) |
| 505721.98 | 3635675.90 | 7.07018 | (21071520) | 501721.98 | 3635775.90 | 21.61075 | (19013101) |
| 501821.98 | 3635775.90 | 25.86724 | (19013101) | 501921.98 | 3635775.90 | 25.99004 | (19013101) |
| 502021.98 | 3635775.90 | 27.53609 | (20122320) | 502121.98 | 3635775.90 | 28.06969 | (21012023) |
| 505321.98 | 3635775.90 | 24.48734 | (19102623) | 505421.98 | 3635775.90 | 27.75748 | (19102623) |
| 505521.98 | 3635775.90 | 24.89383 | (19102623) | 505621.98 | 3635775.90 | 17.44795 | (19102623) |
| 505721.98 | 3635775.90 | 15.97323 | (19010822) | 501721.98 | 3635875.90 | 22.46634 | (19013101) |
| 501821.98 | 3635875.90 | 22.95291 | (20122320) | 501921.98 | 3635875.90 | 26.31904 | (20122320) |
| 502021.98 | 3635875.90 | 27.06015 | (21012023) | 502121.98 | 3635875.90 | 26.88815 | (21012023) |
| 505321.98 | 3635875.90 | 25.33027 | (20091421) | 505421.98 | 3635875.90 | 21.20687 | (19102623) |
| 505521.98 | 3635875.90 | 25.16289 | (19102623) | 505621.98 | 3635875.90 | 23.90719 | (19102623) |
| 505721.98 | 3635875.90 | 20.10999 | (19102623) | 501721.98 | 3635975.90 | 20.54178 | (20122320) |
| 501821.98 | 3635975.90 | 23.67350 | (20122320) | 501921.98 | 3635975.90 | 25.43896 | (21012023) |
| 502021.98 | 3635975.90 | 24.07151 | (21012023) | 502121.98 | 3635975.90 | 26.58276 | (20122721) |
| 505321.98 | 3635975.90 | 26.59000 | (21122618) | 505421.98 | 3635975.90 | 20.81433 | (20091421) |
| 505521.98 | 3635975.90 | 18.37689 | (19102623) | 505621.98 | 3635975.90 | 23.39463 | (19102623) |
| 505721.98 | 3635975.90 | 22.38583 | (19102623) | 501721.98 | 3636075.90 | 20.23530 | (20122320) |
| 501821.98 | 3636075.90 | 22.44059 | (21012023) | 501921.98 | 3636075.90 | 21.13480 | (21012023) |
| 502021.98 | 3636075.90 | 24.93235 | (20122721) | 502121.98 | 3636075.90 | 25.32724 | (20122721) |
| 502221.98 | 3636075.90 | 24.06483 | (19031105) | 502321.98 | 3636075.90 | 23.18604 | (21121424) |
| 502421.98 | 3636075.90 | 27.69606 | (21121424) | 502521.98 | 3636075.90 | 26.17397 | (21121424) |

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        502621.98   3636075.90       27.48773  (19112801)                502721.98
3636075.90       29.74971  (19121706)
        502821.98   3636075.90       24.86730  (21100523)                502921.98
3636075.90       27.38728  (21021621)
        503021.98   3636075.90       27.96138  (21112718)                503121.98
3636075.90       29.35232  (19050823)
        503221.98   3636075.90       30.58972  (21100603)                503321.98
3636075.90       31.35387  (20120224)
        503421.98   3636075.90       31.29277  (19072124)                503521.98
3636075.90       30.33243  (19051001)
        503621.98   3636075.90       29.09744  (21041324)                503721.98
3636075.90       32.43599  (19072223)
        503821.98   3636075.90       30.10201  (19072223)                503921.98
3636075.90       33.81519  (19072224)
        504021.98   3636075.90       31.90905  (19122420)                504121.98
3636075.90       28.28131  (19050321)
        504221.98   3636075.90       28.74458  (19050322)                504321.98
3636075.90       33.13239  (21013118)
        504421.98   3636075.90       28.12032  (21013118)                504521.98
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        505021.98   3636075.90       24.19394  (21090701)                505121.98
3636075.90       26.38216  (21090701)
        505221.98   3636075.90       23.83566  (21081602)                505321.98
3636075.90       27.21661  (21122618)
        505421.98   3636075.90       22.48879  (21122618)                505521.98
3636075.90       20.15391  (20091421)
        505621.98   3636075.90       16.69904  (21012617)                505721.98
3636075.90       20.65626  (19102623)
        501721.98   3636175.90       18.96509  (21012023)                501821.98
3636175.90       18.49502  (20031920)
        501921.98   3636175.90       23.25422  (20122721)                502021.98
3636175.90       23.23514  (20122721)
        502121.98   3636175.90       22.07622  (21101802)                502221.98
3636175.90       22.00890  (20112322)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 918
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000938    , L0000939
, L0000940    , L0000941    , L0000942    ,
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                L0000943    , L0000944    , L0000945    , L0000946    , L0000947
, L0000948    , L0000949    , L0000950    ,
                L0000951    , L0000952    , L0000953    , L0000954    , L0000955
, L0000956    , L0000957    , L0000958    ,
                L0000959    , L0000960    , L0000961    , L0000962    , L0000963
, L0000964    , L0000965    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3636175.90       26.27136  (21121424)               502421.98
3636175.90       25.42988  (21121424)
        502521.98   3636175.90       25.56072  (19112801)               502621.98
3636175.90       28.16451  (19121706)
        502721.98   3636175.90       25.46917  (19121706)               502821.98
3636175.90       24.98453  (21100523)
        502921.98   3636175.90       26.88445  (21021621)               503021.98
3636175.90       26.15687  (21112718)
        503121.98   3636175.90       26.26902  (19050823)               503221.98
3636175.90       28.43540  (21100603)
        503321.98   3636175.90       29.64112  (20120224)               503421.98
3636175.90       29.00903  (19072124)
        503521.98   3636175.90       29.14965  (19051001)               503621.98
3636175.90       27.93609  (19051020)
        503721.98   3636175.90       30.88313  (19072223)               503821.98
3636175.90       28.55881  (19072223)
        503921.98   3636175.90       32.11342  (19072224)               504021.98
3636175.90       30.82136  (19072224)
        504121.98   3636175.90       27.30777  (19070422)               504221.98
3636175.90       27.83496  (19050322)
        504321.98   3636175.90       26.34794  (21052005)               504421.98
3636175.90       23.82651  (19100119)
        504521.98   3636175.90       20.21838  (21071123)               504621.98
3636175.90       22.66919  (19060406)
        504721.98   3636175.90       24.31838  (19060920)               504821.98
3636175.90       23.67136  (19112903)
        504921.98   3636175.90       25.03374  (21121422)               505021.98
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        501821.98   3636275.90       20.90322  (20122721)                501921.98
3636275.90       21.23322  (20122721)
        502021.98   3636275.90       20.71162  (21101802)                502121.98
3636275.90       20.89452  (20112322)
        502221.98   3636275.90       24.35489  (21121424)                502321.98
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        502421.98   3636275.90       23.53690  (19112801)                502521.98
3636275.90       25.86893  (19121706)
        502621.98   3636275.90       25.76619  (19121706)                502721.98
3636275.90       23.65314  (21100523)
        502821.98   3636275.90       24.68374  (21021621)                502921.98
3636275.90       24.96789  (21112718)
        503021.98   3636275.90       26.42473  (19050823)                503121.98
3636275.90       26.37257  (21100603)
        503221.98   3636275.90       25.06500  (21100603)                503321.98
3636275.90       25.07405  (19072124)
        503421.98   3636275.90       26.25875  (20052321)                503521.98
3636275.90       27.45659  (19051001)
        503621.98   3636275.90       26.91231  (19051020)                503721.98
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        503821.98   3636275.90       26.67868  (19072223)                503921.98
3636275.90       29.81826  (19072224)
        504021.98   3636275.90       29.51113  (19072224)                504121.98
3636275.90       24.88874  (19070422)
        504221.98   3636275.90       23.53194  (19082724)                504321.98
3636275.90       18.08683  (20031720)
        504421.98   3636275.90       18.73283  (21013118)                504521.98
3636275.90       16.65589  (19081120)
        504621.98   3636275.90       16.82343  (19092222)                504721.98
3636275.90       21.36173  (19060406)
        504821.98   3636275.90       18.40481  (19081721)                504921.98
3636275.90       22.71292  (21050522)
        505021.98   3636275.90       23.54511  (21121422)                505121.98
3636275.90       21.54300  (21061321)
        505221.98   3636275.90       23.27305  (21090701)                505321.98
3636275.90       25.00929  (21090701)
        505421.98   3636275.90       23.82967  (21081602)                505521.98
3636275.90       24.92156  (21122618)
        505621.98   3636275.90       22.29797  (21122618)                505721.98
3636275.90       19.56173  (20091421)
        501721.98   3636375.90       18.96111  (20122721)                501821.98
3636375.90       19.01210  (20122721)
        501921.98   3636375.90       19.35653  (21101802)                502021.98
3636375.90       19.67475  (20112322)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 22.04630 | (21121424) | 502221.98 | 3636375.90 | 23.66875 | (21121424) |
| 502321.98 | 3636375.90 | 21.75734 | (19112801) | 502421.98 | 3636375.90 | 23.73804 | (19112801) |
| 502521.98 | 3636375.90 | 25.39775 | (19121706) | 502621.98 | 3636375.90 | 21.28200 | (20040204) |
| 502721.98 | 3636375.90 | 22.56230 | (21100523) | 502821.98 | 3636375.90 | 24.00031 | (21021621) |
| 502921.98 | 3636375.90 | 23.51706 | (21112718) | 503021.98 | 3636375.90 | 25.00510 | (19050823) |
| 503121.98 | 3636375.90 | 25.04982 | (21100603) | 503221.98 | 3636375.90 | 21.96784 | (19080122) |
| 503321.98 | 3636375.90 | 22.16296 | (20070922) | 503421.98 | 3636375.90 | 24.21947 | (19051001) |
| 503521.98 | 3636375.90 | 25.30984 | (19051001) | 503621.98 | 3636375.90 | 25.33933 | (19051020) |
| 503721.98 | 3636375.90 | 26.93690 | (19072223) | 503821.98 | 3636375.90 | 25.14596 | (21031321) |
| 503921.98 | 3636375.90 | 26.97086 | (19072224) | 504021.98 | 3636375.90 | 27.51816 | (19072224) |
| 504121.98 | 3636375.90 | 21.67472 | (19082323) | 504221.98 | 3636375.90 | 19.52080 | (19082724) |
| 504321.98 | 3636375.90 | 16.14370 | (21071621) | 504421.98 | 3636375.90 | 18.07440 | (21013118) |

```
        504521.98   3636375.90       16.05506  (21013118)               504621.98
3636375.90       15.34946  (19080523)
        504721.98   3636375.90       17.68596  (19060406)               504821.98
3636375.90       15.73209  (19060406)
        504921.98   3636375.90       15.99876  (19081721)               505021.98
3636375.90       21.39005  (19032022)
        505121.98   3636375.90       21.40685  (21061321)               505221.98
3636375.90       20.98892  (21061321)
        505321.98   3636375.90       23.60837  (21090701)               505421.98
3636375.90       23.54355  (21090701)
        505521.98   3636375.90       22.28648  (21081602)               505621.98
3636375.90       24.16566  (21122618)
        505721.98   3636375.90       21.54214  (21122618)               501721.98
3636475.90       16.27302  (20122721)
        501821.98   3636475.90       17.36049  (21101802)               501921.98
3636475.90       18.32283  (20112322)
        502021.98   3636475.90       19.50837  (19122519)               502121.98
3636475.90       21.65573  (21121424)
        502221.98   3636475.90       19.79800  (21021521)               502321.98
3636475.90       22.72774  (19112801)
        502421.98   3636475.90       24.19540  (19121706)               502521.98
3636475.90       21.80869  (19121706)
        502621.98   3636475.90       21.51551  (21100523)               502721.98
3636475.90       22.35627  (21021621)
        502821.98   3636475.90       22.12402  (21112718)               502921.98
3636475.90       22.52518  (19050823)
        503021.98   3636475.90       22.13821  (19050823)               503121.98
3636475.90       22.43352  (21100603)
        503221.98   3636475.90       19.93414  (19082701)               503321.98
3636475.90       21.11567  (20070922)
        503421.98   3636475.90       22.83176  (19051001)               503521.98
3636475.90       22.84682  (19051001)
        503621.98   3636475.90       23.52824  (19051020)               503721.98
3636475.90       24.72973  (19072223)
        503821.98   3636475.90       22.99739  (21031321)               503921.98
3636475.90       23.94815  (19072224)
        504021.98   3636475.90       20.99295  (19072224)               504121.98
3636475.90       17.90578  (20020307)
        504221.98   3636475.90       18.29721  (19082724)               504321.98
3636475.90       15.65678  (21071621)
        504421.98   3636475.90       16.71776  (21013118)               504521.98
3636475.90       16.70630  (21013118)
        504621.98   3636475.90       14.92145  (19080523)               504721.98
3636475.90       14.74881  (19061821)
        504821.98   3636475.90       14.00607  (19061621)               504921.98
3636475.90       14.54325  (19061724)
        505021.98   3636475.90       19.89948  (21050522)               505121.98
3636475.90       22.58511  (21121422)
        505221.98   3636475.90       20.45237  (21061321)               505321.98
3636475.90       19.60033  (19010920)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 7.27355 | (21111004) | 502771.98 | 3633475.90 | 7.08434 | (21111004) |
| 502821.98 | 3633475.90 | 6.79141 | (21111004) | 502871.98 | 3633475.90 | 6.40435 | (21111004) |
| 502921.98 | 3633475.90 | 6.09925 | (19010119) | 502971.98 | 3633475.90 | 6.12716 | (19010119) |
| 503021.98 | 3633475.90 | 6.05503 | (19010119) | 503071.98 | 3633475.90 | 5.88807 | (19010119) |
| 503121.98 | 3633475.90 | 5.60960 | (19010119) | 503171.98 | 3633475.90 | 5.23396 | (19010119) |
| 503221.98 | 3633475.90 | 5.90531 | (21030103) | 503271.98 | 3633475.90 | 7.69109 | (21030103) |
| 503321.98 | 3633475.90 | 15.52992 | (20122620) | 503371.98 | 3633475.90 | 26.17024 | (20122620) |
| 503421.98 | 3633475.90 | 26.52916 | (21030103) | 503471.98 | 3633475.90 | 27.06828 | (21030103) |
| 503521.98 | 3633475.90 | 24.26706 | (21030103) | 503621.98 | | | |

3633475.90 19.85313 (20121603)
503671.98 3633475.90 18.12017 (21041501) 503721.98
3633475.90 16.05696 (20092123)
503771.98 3633475.90 15.23773 (20092123) 503821.98
3633475.90 13.44743 (20092123)
503871.98 3633475.90 13.07801 (20090205) 503921.98
3633475.90 13.60610 (20090205)
503971.98 3633475.90 12.23819 (20090205) 504021.98
3633475.90 10.30210 (19080102)
504071.98 3633475.90 9.79280 (19080102) 504121.98
3633475.90 9.22211 (19080102)
504171.98 3633475.90 8.81883 (21020924) 504221.98
3633475.90 9.19320 (21020924)
504271.98 3633475.90 9.51202 (21020924) 504321.98
3633475.90 9.22118 (21020924)
504371.98 3633475.90 7.84988 (21111005) 504421.98
3633475.90 6.61701 (21111005)
504471.98 3633475.90 5.65148 (21111005) 504521.98
3633475.90 5.24262 (20091518)
504571.98 3633475.90 5.17636 (20101121) 504621.98
3633475.90 5.44272 (20081802)
504671.98 3633475.90 5.64318 (20081802) 504721.98
3633475.90 5.95225 (20081802)
502721.98 3633525.90 7.79196 (21111004) 502771.98
3633525.90 7.75325 (21111004)
502821.98 3633525.90 7.60908 (21111004) 502871.98
3633525.90 7.35797 (21111004)
502921.98 3633525.90 6.98930 (21111004) 502971.98
3633525.90 6.50386 (21111004)
503021.98 3633525.90 6.48400 (19010119) 503071.98
3633525.90 6.43872 (19010119)
503121.98 3633525.90 6.26426 (19010119) 503171.98
3633525.90 5.98941 (19010119)
503221.98 3633525.90 5.61657 (19010119) 503271.98
3633525.90 6.43495 (21030103)
503321.98 3633525.90 8.41837 (21030103) 503371.98
3633525.90 26.71294 (20122620)
503421.98 3633525.90 27.97340 (20122620) 503471.98
3633525.90 26.15094 (21030103)
503521.98 3633525.90 27.04698 (21030103) 503621.98
3633525.90 23.10269 (20121603)
503671.98 3633525.90 20.90432 (20121603) 503721.98
3633525.90 19.61590 (20090205)
503771.98 3633525.90 17.40739 (20090205) 503821.98
3633525.90 15.40092 (20092123)
503871.98 3633525.90 15.66093 (20090205) 503921.98
3633525.90 16.30502 (20090205)
503971.98 3633525.90 14.47162 (20090205) 504021.98
3633525.90 11.73387 (20090205)
504071.98 3633525.90 10.94754 (19080102) 504121.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633575.90        8.09074  (21111004)                502771.98
3633575.90        8.21886  (21111004)
        502821.98   3633575.90        8.25514  (21111004)                502871.98
3633575.90        8.17854  (21111004)
        502921.98   3633575.90        7.96519  (21111004)                502971.98
3633575.90        7.62183  (21111004)
        503021.98   3633575.90        7.15228  (21111004)                503071.98
3633575.90        6.88061  (19010119)

503121.98 3633575.90 6.85329 (19010119) 503171.98 3633575.90 6.71251 (19010119)
503221.98 3633575.90 6.44827 (19010119) 503271.98 3633575.90 6.05530 (19010119)
503321.98 3633575.90 7.04298 (21030103) 503371.98 3633575.90 9.25188 (21030103)
503421.98 3633575.90 18.71206 (20122620) 503471.98 3633575.90 24.37016 (20122620)
503521.98 3633575.90 22.41943 (21030103) 503621.98 3633575.90 23.90887 (20121603)
503671.98 3633575.90 23.62654 (20121603) 503721.98 3633575.90 21.75959 (20121603)
503771.98 3633575.90 20.20671 (20090205) 503821.98 3633575.90 18.56376 (20090205)
503871.98 3633575.90 19.05402 (20090205) 503921.98 3633575.90 18.40076 (20090205)
503971.98 3633575.90 16.64327 (20090205) 504021.98 3633575.90 14.58690 (20090205)
504071.98 3633575.90 12.12726 (20090723) 504121.98 3633575.90 11.77400 (20111701)
504171.98 3633575.90 11.33535 (20111701) 504221.98 3633575.90 11.20593 (21020924)
504271.98 3633575.90 10.31667 (21020924) 504321.98 3633575.90 8.66984 (21020924)
504371.98 3633575.90 7.62044 (21020924) 504421.98 3633575.90 6.57363 (21111005)
504471.98 3633575.90 6.09391 (21111005) 504521.98 3633575.90 6.17027 (21111005)
504571.98 3633575.90 6.61164 (20101121) 504621.98 3633575.90 6.34627 (20081802)
504671.98 3633575.90 6.28787 (20081802) 504721.98 3633575.90 6.24721 (20081802)
502721.98 3633625.90 8.15353 (21111004) 502771.98 3633625.90 8.44463 (21111004)
502821.98 3633625.90 8.65421 (21111004) 502871.98 3633625.90 8.76699 (21111004)
502921.98 3633625.90 8.75837 (21111004) 502971.98 3633625.90 8.61855 (21111004)
503021.98 3633625.90 8.32885 (21111004) 503071.98 3633625.90 7.86468 (21111004)
503121.98 3633625.90 7.29223 (19010119) 503171.98 3633625.90 7.33246 (19010119)
503221.98 3633625.90 7.22270 (19010119) 503271.98 3633625.90 6.97069 (19010119)
503321.98 3633625.90 6.55472 (19010119) 503371.98 3633625.90 7.74768 (21030103)
503421.98 3633625.90 10.22731 (21030103) 503471.98 3633625.90 19.92103 (20122620)
503521.98 3633625.90 21.82308 (21030103) 503621.98 3633625.90 26.22170 (21031822)

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        503671.98   3633625.90       25.08108  (20121603)               503721.98
3633625.90       23.96128  (20121603)
        503771.98   3633625.90       21.23935  (20090205)               503821.98
3633625.90       20.50506  (20090205)
        503871.98   3633625.90       20.34019  (20090205)               503921.98
3633625.90       19.53386  (20090205)
        503971.98   3633625.90       18.38315  (20090205)               504021.98
3633625.90       16.38629  (20090205)
        504071.98   3633625.90       13.89872  (20090205)               504121.98
3633625.90       13.19733  (20111701)
        504171.98   3633625.90       12.78387  (20111701)               504221.98
3633625.90       11.63798  (21020924)
        504271.98   3633625.90       11.00990  (21020924)               504321.98
3633625.90        9.91630  (21020924)
        504371.98   3633625.90        8.37386  (21020924)               504421.98
3633625.90        7.18211  (21111005)
        504471.98   3633625.90        6.66269  (21111005)               504521.98
3633625.90        7.12728  (21111005)
        504571.98   3633625.90        6.99062  (20101121)               504621.98
3633625.90        6.65519  (20081802)
        504671.98   3633625.90        6.81101  (20081802)               504721.98
3633625.90        6.58868  (20081802)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 922
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633675.90        7.96788  (21111004)                502771.98
3633675.90        8.39728  (21111004)
        502821.98   3633675.90        8.77223  (21111004)                502871.98
3633675.90        9.07615  (21111004)
        502921.98   3633675.90        9.29458  (21111004)                502971.98
3633675.90        9.38317  (21111004)
        503021.98   3633675.90        9.32388  (21111004)                503071.98
3633675.90        9.08249  (21111004)
        503121.98   3633675.90        8.66631  (21111004)                503171.98
3633675.90        8.07100  (21111004)
        503221.98   3633675.90        7.86928  (19010119)                503271.98
3633675.90        7.80807  (19010119)
        503321.98   3633675.90        7.56075  (19010119)                503371.98
3633675.90        7.10792  (19010119)
        503421.98   3633675.90        8.57297  (21030103)                503471.98
3633675.90       11.38179  (21030103)
        503521.98   3633675.90       14.02211  (21030103)                503571.98
3633675.90       30.41094  (20122620)
        503671.98   3633675.90       26.31574  (21031822)                503721.98
3633675.90       26.10623  (20121603)
        503771.98   3633675.90       23.92079  (20121603)                503821.98
3633675.90       22.30539  (20090205)
        503871.98   3633675.90       21.43052  (20090205)                503921.98
3633675.90       20.76387  (20090205)
        503971.98   3633675.90       19.74700  (20090205)                504021.98
3633675.90       18.07464  (20090205)
        504071.98   3633675.90       15.66072  (20090205)                504121.98
3633675.90       14.36117  (20111701)
        504171.98   3633675.90       14.00731  (20111701)                504221.98
3633675.90       12.63901  (20111701)
        504271.98   3633675.90       11.86092  (21020924)                504321.98
3633675.90       10.81838  (21020924)
        504371.98   3633675.90        9.24339  (21020924)                504421.98
3633675.90        8.12322  (21020924)
        504471.98   3633675.90        8.11210  (21111005)                504521.98
3633675.90        7.96039  (21111005)
        504571.98   3633675.90        7.38796  (20101121)                504621.98
3633675.90        7.10367  (20081802)
        504671.98   3633675.90        7.07151  (20081802)                504721.98
3633675.90        7.02271  (20081802)
        502721.98   3633725.90        7.56094  (21111004)                502771.98
3633725.90        8.09690  (21111004)
        502821.98   3633725.90        8.60347  (21111004)                502871.98
3633725.90        9.07924  (21111004)
        502921.98   3633725.90        9.50786  (21111004)                502971.98
3633725.90        9.82540  (21111004)
        503021.98   3633725.90       10.00345  (21111004)                503071.98
3633725.90       10.05517  (21111004)
        503121.98   3633725.90        9.91483  (21111004)                503171.98
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3633725.90        9.56800  (21111004)
        503221.98   3633725.90        9.00685  (21111004)                503271.98
3633725.90        8.46227  (19010119)
        503321.98   3633725.90        8.44335  (19010119)                503371.98
3633725.90        8.19614  (19010119)
        503421.98   3633725.90        7.72145  (19010119)                503471.98
3633725.90        9.55291  (21030103)
        503521.98   3633725.90       12.74743  (21030103)                503571.98
3633725.90       15.61474  (21030103)
        503721.98   3633725.90       27.98527  (20121603)                503771.98
3633725.90       26.53911  (20121603)
        503821.98   3633725.90       23.82925  (20121603)                503871.98
3633725.90       22.75837  (20090205)
        503921.98   3633725.90       21.91460  (20090205)                503971.98
3633725.90       20.98743  (20090205)
        504021.98   3633725.90       19.64381  (20090205)                504071.98
3633725.90       17.35559  (20090205)
        504121.98   3633725.90       15.57245  (20111701)                504171.98
3633725.90       15.05286  (20111701)
        504221.98   3633725.90       13.69910  (20111701)                504271.98
3633725.90       13.04710  (19081924)
        504321.98   3633725.90       11.80664  (21020924)                504371.98
3633725.90       10.51002  (21020924)
        504421.98   3633725.90        9.55754  (21020924)                504471.98
3633725.90        9.25565  (21111005)
        504521.98   3633725.90        8.58643  (19082022)                504571.98
3633725.90        7.85605  (20101121)
        504621.98   3633725.90        7.87061  (20101121)                504671.98
3633725.90        7.69771  (20081802)
        504721.98   3633725.90        7.45264  (20081802)                502721.98
3633775.90        6.97575  (21111004)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                    INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                                       L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                                       L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                                       L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502771.98 | 3633775.90 | 7.57490 | (21111004) | 502821.98 | 3633775.90 | 8.17677 | (21111004) |
| 502871.98 | 3633775.90 | 8.77135 | (21111004) | 502921.98 | 3633775.90 | 9.35587 | (21111004) |
| 502971.98 | 3633775.90 | 9.88721 | (21111004) | 503021.98 | 3633775.90 | 10.32405 | (21111004) |
| 503071.98 | 3633775.90 | 10.65013 | (21111004) | 503121.98 | 3633775.90 | 10.82644 | (21111004) |
| 503171.98 | 3633775.90 | 10.81391 | (21111004) | 503221.98 | 3633775.90 | 10.56939 | (21111004) |
| 503271.98 | 3633775.90 | 10.06912 | (21111004) | 503321.98 | 3633775.90 | 9.29374 | (21111004) |
| 503371.98 | 3633775.90 | 9.17108 | (19010119) | 503421.98 | 3633775.90 | 8.95963 | (19010119) |
| 503471.98 | 3633775.90 | 8.48084 | (19010119) | 503771.98 | 3633775.90 | 29.22097 | (20121603) |
| 503821.98 | 3633775.90 | 26.66719 | (20121603) | 503871.98 | 3633775.90 | 24.48557 | (20092124) |
| 503921.98 | 3633775.90 | 23.13078 | (20090205) | 503971.98 | 3633775.90 | 22.19323 | (20090205) |
| 504021.98 | 3633775.90 | 21.10957 | (20090205) | 504071.98 | 3633775.90 | 18.57516 | (20092124) |
| 504121.98 | 3633775.90 | 16.67186 | (20111701) | 504171.98 | 3633775.90 | 16.11158 | (20111701) |
| 504221.98 | 3633775.90 | 14.85055 | (20111701) | 504271.98 | 3633775.90 | 13.81737 | (19081924) |
| 504321.98 | 3633775.90 | 12.59601 | (21020924) | 504371.98 | 3633775.90 | 11.80200 | (21020924) |
| 504421.98 | 3633775.90 | 10.94336 | (21020924) | 504471.98 | 3633775.90 | 9.95875 | (21111005) |
| 504521.98 | 3633775.90 | 9.67862 | (19082022) | 504571.98 | 3633775.90 | 9.14137 | (20101121) |
| 504621.98 | 3633775.90 | 8.83686 | (20082921) | 504671.98 | 3633775.90 | 8.46430 | (20082921) |
| 504721.98 | 3633775.90 | 8.05681 | (20081802) | 502721.98 | 3633825.90 | 6.27667 | (21111004) |
| 502771.98 | 3633825.90 | 6.89567 | (21111004) | 502821.98 | 3633825.90 | 7.54420 | (21111004) |
| 502871.98 | 3633825.90 | 8.21057 | (21111004) | 502921.98 | 3633825.90 | 8.90311 | (21111004) |

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        502971.98   3633825.90        9.57558  (21111004)               503021.98
3633825.90       10.20970  (21111004)
        503071.98   3633825.90       10.78831  (21111004)               503121.98
3633825.90       11.27303  (21111004)
        503171.98   3633825.90       11.62368  (21111004)               503221.98
3633825.90       11.78049  (21111004)
        503271.98   3633825.90       11.68956  (21111004)               503771.98
3633825.90       31.11003  (20121603)
        503821.98   3633825.90       30.30496  (20092124)               503871.98
3633825.90       27.90895  (20092124)
        503921.98   3633825.90       24.56611  (20090205)               503971.98
3633825.90       23.53597  (20090205)
        504021.98   3633825.90       22.49910  (20092124)               504071.98
3633825.90       19.91047  (20092124)
        504121.98   3633825.90       17.58236  (20111701)               504171.98
3633825.90       16.94033  (19081924)
        504221.98   3633825.90       16.12004  (19081924)               504271.98
3633825.90       15.50999  (19081924)
        504321.98   3633825.90       14.75719  (19081924)               504371.98
3633825.90       13.54080  (19081924)
        504421.98   3633825.90       12.13403  (19082022)               504471.98
3633825.90       11.39252  (19082022)
        504521.98   3633825.90       10.51948  (19082022)               504571.98
3633825.90       10.11636  (21090401)
        504621.98   3633825.90        9.58886  (20082921)               504671.98
3633825.90        9.18651  (20082921)
        504721.98   3633825.90        8.99479  (20082921)               502721.98
3633875.90        7.06251  (21012320)
        502771.98   3633875.90        6.89225  (21012320)               502821.98
3633875.90        6.77239  (21111004)
        502871.98   3633875.90        7.45965  (21111004)               502921.98
3633875.90        8.20765  (21111004)
        502971.98   3633875.90        8.95708  (21111004)               503021.98
3633875.90        9.72076  (21111004)
        503071.98   3633875.90       10.48538  (21111004)               503121.98
3633875.90       11.20303  (21111004)
        503171.98   3633875.90       11.86540  (21111004)               503221.98
3633875.90       12.41409  (21111004)
        503271.98   3633875.90       12.78422  (21111004)               503821.98
3633875.90       32.89592  (20121603)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 924
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
```

INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 30.99195 | (20092124) | 503921.98 | 3633875.90 | 27.68849 | (20092124) |
| 503971.98 | 3633875.90 | 26.90715 | (20092124) | 504021.98 | 3633875.90 | 24.38830 | (20092124) |
| 504071.98 | 3633875.90 | 21.83505 | (20092124) | 504121.98 | 3633875.90 | 19.10413 | (19081924) |
| 504171.98 | 3633875.90 | 18.11179 | (19081924) | 504221.98 | 3633875.90 | 17.47021 | (19081924) |
| 504271.98 | 3633875.90 | 16.76363 | (19081924) | 504321.98 | 3633875.90 | 15.58923 | (19081924) |
| 504371.98 | 3633875.90 | 14.69943 | (19081924) | 504421.98 | 3633875.90 | 13.27380 | (19081924) |
| 504471.98 | 3633875.90 | 12.07183 | (19082022) | 504521.98 | 3633875.90 | 11.41799 | (21090401) |
| 504571.98 | 3633875.90 | 11.11147 | (21090401) | 504621.98 | 3633875.90 | 10.49428 | (20082921) |
| 504671.98 | 3633875.90 | 9.58186 | (20082921) | 504721.98 | 3633875.90 | 9.48002 | (20082921) |
| 502721.98 | 3633925.90 | 7.99084 | (21012320) | 502771.98 | 3633925.90 | 7.93804 | (21012320) |
| 502821.98 | 3633925.90 | 7.85564 | (21012320) | 502871.98 | 3633925.90 | 7.74236 | (21012320) |
| 502921.98 | 3633925.90 | 7.59007 | (21012320) | 502971.98 | 3633925.90 | 8.11450 | (21111004) |
| 503021.98 | 3633925.90 | 8.93375 | (21111004) | 503071.98 | 3633925.90 | 9.79427 | (21111004) |
| 503121.98 | 3633925.90 | 10.66833 | (21111004) | 503171.98 | 3633925.90 | 11.54093 | (21111004) |
| 503221.98 | 3633925.90 | 12.37910 | (21111004) | 503271.98 | 3633925.90 | 13.15074 | (21111004) |
| 503821.98 | 3633925.90 | 35.20025 | (20121603) | 503871.98 | | | |

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3633925.90       34.10636  (20092124)
        503921.98   3633925.90       31.26900  (20092124)                503971.98
3633925.90       22.30035  (21063005)
        504021.98   3633925.90       24.50401  (20092124)                504071.98
3633925.90       21.40238  (19081924)
        504121.98   3633925.90       20.67916  (19081924)                504171.98
3633925.90       19.71343  (19081924)
        504221.98   3633925.90       19.05981  (19081924)                504271.98
3633925.90       18.42902  (19081924)
        504321.98   3633925.90       17.85227  (19081924)                504371.98
3633925.90       16.59752  (19081924)
        504421.98   3633925.90       15.52000  (19081924)                504471.98
3633925.90       14.03119  (19081924)
        504521.98   3633925.90       12.34231  (19081924)                504571.98
3633925.90       11.33645  (21090401)
        504621.98   3633925.90       10.49209  (20082921)                504671.98
3633925.90       10.17919  (20082921)
        504721.98   3633925.90        9.78116  (20082921)                502721.98
3633975.90        8.65367  (21012320)
        502771.98   3633975.90        8.70111  (21012320)                502821.98
3633975.90        8.73203  (21012320)
        502871.98   3633975.90        8.77703  (21012320)                502921.98
3633975.90        8.78227  (21012320)
        502971.98   3633975.90        8.71626  (21012320)                503021.98
3633975.90        8.61812  (21012320)
        503071.98   3633975.90        8.84570  (21111004)                503121.98
3633975.90        9.77693  (21111004)
        503171.98   3633975.90       10.75447  (21111004)                503221.98
3633975.90       11.76885  (21111004)
        503271.98   3633975.90       12.80092  (21111004)                503821.98
3633975.90       29.97176  (20121603)
        503871.98   3633975.90       36.24488  (20121603)                503921.98
3633975.90       28.97886  (20121603)
        503971.98   3633975.90       25.24005  (20121603)                504021.98
3633975.90       21.59920  (20121603)
        504071.98   3633975.90       21.80780  (19081924)                504121.98
3633975.90       20.45036  (19081924)
        504171.98   3633975.90       20.08077  (19081924)                504221.98
3633975.90       20.19196  (19081924)
        504271.98   3633975.90       19.57486  (19081924)                504321.98
3633975.90       19.04971  (19081924)
        504371.98   3633975.90       17.95318  (19081924)                504421.98
3633975.90       16.70912  (19081924)
        504471.98   3633975.90       14.76873  (19081924)                504521.98
3633975.90       12.27159  (19081924)
        504571.98   3633975.90       11.46066  (21090401)                504621.98
3633975.90       10.72109  (21090401)
        504671.98   3633975.90       10.09930  (20082921)                504721.98
3633975.90        9.41636  (20081802)
♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                   L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                   L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                   L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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        504371.98   3634025.90       19.16771  (19081924)                504421.98
3634025.90       16.71319  (19081924)
        504471.98   3634025.90       14.79272  (19081924)                504521.98
3634025.90       13.01103  (19081924)
        504571.98   3634025.90       11.73996  (21090401)                504621.98
3634025.90       10.54102  (21090401)
        504671.98   3634025.90        9.85033  (20081802)                504721.98
3634025.90        9.34378  (20081802)
        502721.98   3634075.90        9.29535  (21012320)                502771.98
3634075.90        9.43787  (21012320)
        502821.98   3634075.90        9.61363  (21012320)                502871.98
3634075.90        9.81596  (21012320)
        502921.98   3634075.90       10.00812  (21012320)                502971.98
3634075.90       10.20364  (21012320)
        503021.98   3634075.90       10.42959  (21012320)                503071.98
3634075.90       10.63974  (21012320)
        503121.98   3634075.90       10.84292  (21012320)                503171.98
3634075.90       11.03920  (21012320)
        503221.98   3634075.90       11.19867  (21012320)                503271.98
3634075.90       11.31636  (21012320)
        503871.98   3634075.90       38.75248  (20121603)                503921.98
3634075.90       41.79601  (20121603)
        503971.98   3634075.90       35.28738  (20121603)                504021.98
3634075.90       30.07242  (20121603)
        504071.98   3634075.90       25.81887  (20121603)                504121.98
3634075.90       21.84609  (20121603)
        504171.98   3634075.90       23.37811  (19081924)                504221.98
3634075.90       22.80342  (19081924)
        504271.98   3634075.90       22.16481  (19081924)                504321.98
3634075.90       21.56770  (19081924)
        504371.98   3634075.90       19.30104  (19081924)                504421.98
3634075.90       17.57252  (19081924)
        504471.98   3634075.90       15.51411  (19081924)                504521.98
3634075.90       13.20405  (19082022)
        504571.98   3634075.90       11.58085  (19082022)                504621.98
3634075.90        9.71663  (20081802)
        504671.98   3634075.90        9.40437  (20081802)                504721.98
3634075.90        9.29476  (20081802)
        502721.98   3634125.90        9.35668  (21012320)                502771.98
3634125.90        9.51254  (21012320)
        502821.98   3634125.90        9.72007  (21012320)                502871.98
3634125.90        9.95724  (21012320)
        502921.98   3634125.90       10.17483  (21012320)                502971.98
3634125.90       10.41587  (21012320)
        503021.98   3634125.90       10.69584  (21012320)                503071.98
3634125.90       10.97716  (21012320)
        503121.98   3634125.90       11.28696  (21012320)                503171.98
3634125.90       11.62522  (21012320)
        503221.98   3634125.90       11.94551  (21012320)                503271.98
3634125.90       12.33225  (21012320)
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        503921.98   3634125.90       52.28772  (20121603)               503971.98
3634125.90       44.06833  (20121603)
        504021.98   3634125.90       36.33606  (20121603)               504071.98
3634125.90       30.75589  (20121603)
        504121.98   3634125.90       26.08804  (20121603)               504171.98
3634125.90       21.68994  (20121603)
        504221.98   3634125.90       22.90074  (20081603)               504271.98
3634125.90       23.15351  (19081924)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 926
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504321.98   3634125.90       23.02666  (19081924)               504371.98
3634125.90       21.22734  (19081924)
        504421.98   3634125.90       18.64607  (19081924)               504471.98
3634125.90       15.42571  (19081924)
        504521.98   3634125.90       13.51687  (21020924)               504571.98
3634125.90       11.35820  (21020924)
        504621.98   3634125.90        9.54226  (21111005)               504671.98
3634125.90        9.54928  (20081802)
        504721.98   3634125.90        9.22552  (20081802)               502721.98
3634175.90        9.26473  (21012320)
        502771.98   3634175.90        9.48426  (21012320)               502821.98
3634175.90        9.72200  (21012320)
        502871.98   3634175.90        9.97018  (21012320)               502921.98
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3634175.90 10.19870 (21012320)
502971.98 3634175.90 10.45052 (21012320) 503021.98
3634175.90 10.74324 (21012320)
503071.98 3634175.90 11.03162 (21012320) 503121.98
3634175.90 11.35394 (21012320)
503171.98 3634175.90 11.70023 (21012320) 503221.98
3634175.90 12.06345 (21012320)
503271.98 3634175.90 12.51606 (21012320) 503971.98
3634175.90 60.53720 (20121603)
504021.98 3634175.90 45.98572 (20121603) 504071.98
3634175.90 37.55500 (20121603)
504121.98 3634175.90 31.41838 (20121603) 504171.98
3634175.90 26.20205 (20121603)
504221.98 3634175.90 21.35283 (20121603) 504271.98
3634175.90 23.48152 (20081603)
504321.98 3634175.90 23.84813 (19081924) 504371.98
3634175.90 20.59754 (19081924)
504421.98 3634175.90 16.58806 (19081924) 504471.98
3634175.90 15.28059 (21020924)
504521.98 3634175.90 13.70935 (21020924) 504571.98
3634175.90 10.85576 (21020924)
504621.98 3634175.90 8.90892 (21111005) 504671.98
3634175.90 8.58570 (20081802)
504721.98 3634175.90 7.88915 (20081802) 502721.98
3634225.90 9.12665 (21012320)
502771.98 3634225.90 9.39482 (21012320) 502821.98
3634225.90 9.66342 (21012320)
502871.98 3634225.90 9.92011 (21012320) 502921.98
3634225.90 10.15342 (21012320)
502971.98 3634225.90 10.40908 (21012320) 503021.98
3634225.90 10.69655 (21012320)
503071.98 3634225.90 10.97848 (21012320) 503121.98
3634225.90 11.28241 (21012320)
503171.98 3634225.90 11.60547 (21012320) 503221.98
3634225.90 11.96953 (21012320)
503271.98 3634225.90 12.40127 (21012320) 504071.98
3634225.90 47.98672 (20121603)
504121.98 3634225.90 38.64053 (20121603) 504171.98
3634225.90 31.89717 (20121603)
504221.98 3634225.90 26.07271 (20121603) 504271.98
3634225.90 25.75346 (20081805)
504321.98 3634225.90 25.45524 (19081924) 504371.98
3634225.90 23.02220 (20092124)
504421.98 3634225.90 16.73074 (19081924) 504471.98
3634225.90 15.62573 (19081924)
504521.98 3634225.90 14.04637 (21020924) 504571.98
3634225.90 11.39568 (21020924)
504621.98 3634225.90 9.11580 (21111005) 504671.98
3634225.90 8.22076 (20082921)
504721.98 3634225.90 7.75898 (20082921) 502721.98

3634275.90        8.90825  (21012320)
        502771.98   3634275.90        9.19518  (21012320)                502821.98
3634275.90        9.49999  (21012320)
        502871.98   3634275.90        9.82441  (21012320)                502921.98
3634275.90       10.06554  (21012320)
        502971.98   3634275.90       10.31938  (21012320)                503021.98
3634275.90       10.62390  (21012320)
        503071.98   3634275.90       10.90370  (21012320)                503121.98
3634275.90       11.19189  (21012320)
        503171.98   3634275.90       11.50487  (21012320)                503221.98
3634275.90       11.83975  (21012320)
        503271.98   3634275.90       12.23605  (21012320)                504121.98
3634275.90       49.57348  (20121603)
        504171.98   3634275.90       39.51360  (20121603)                504221.98
3634275.90       33.90145  (20081603)
        504271.98   3634275.90       30.39602  (20082805)                504321.98
3634275.90       29.22649  (19081924)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                    INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                   L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                   L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                   L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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        504571.98   3634275.90       11.16775  (21020924)                504621.98
3634275.90        9.33086  (21111005)
        504671.98   3634275.90        8.62611  (20082921)                504721.98
3634275.90        8.12924  (20082921)
        502721.98   3634325.90        8.46126  (21012320)                502771.98
3634325.90        8.81023  (21012320)
        502821.98   3634325.90        9.14070  (21012320)                502871.98
3634325.90        9.63059  (21012320)
        502971.98   3634325.90       10.18141  (21012320)                503021.98
3634325.90       10.50283  (21012320)
        503071.98   3634325.90       10.81424  (21012320)                503121.98
3634325.90       11.11140  (21012320)
        503171.98   3634325.90       11.42238  (21012320)                503221.98
3634325.90       11.74825  (21012320)
        503271.98   3634325.90       12.11079  (21012320)                504171.98
3634325.90       50.77580  (20121603)
        504221.98   3634325.90       47.14497  (20092124)                504271.98
3634325.90       37.07505  (20082306)
        504321.98   3634325.90       32.75785  (20082306)                504371.98
3634325.90       29.89280  (20082723)
        504421.98   3634325.90       24.08038  (20092124)                504471.98
3634325.90       18.65564  (19081924)
        504521.98   3634325.90       14.67112  (19081924)                504571.98
3634325.90       11.59330  (21020924)
        504621.98   3634325.90        9.86429  (21111005)                504671.98
3634325.90        9.09435  (20082921)
        504721.98   3634325.90        8.53991  (20082921)                502721.98
3634375.90        7.93494  (21012320)
        502771.98   3634375.90        8.33231  (21012320)                502821.98
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        503021.98   3634375.90       10.25108  (21012320)                503071.98
3634375.90       10.64452  (21012320)
        503121.98   3634375.90       10.98025  (21012320)                503171.98
3634375.90       11.30456  (21012320)
        503221.98   3634375.90       11.65349  (21012320)                503271.98
3634375.90       12.01402  (21012320)
        504221.98   3634375.90       51.34749  (20121603)                504271.98
3634375.90       43.05263  (20082805)
        504321.98   3634375.90       34.81278  (20082805)                504371.98
3634375.90       37.91196  (20092124)
        504421.98   3634375.90       24.44260  (20092124)                504471.98
3634375.90       17.01134  (19080102)
        504521.98   3634375.90       14.03465  (21020924)                504571.98
3634375.90       12.25464  (21111005)
        504621.98   3634375.90       10.67803  (21111005)                504671.98
3634375.90        9.62636  (20082921)
        504721.98   3634375.90        8.99820  (20082921)                502721.98
3634425.90        7.33821  (21012320)
        502771.98   3634425.90        7.74269  (21012320)                502821.98
3634425.90        8.14977  (21012320)
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        504271.98   3634425.90       53.42792  (20121603)               504321.98
3634425.90       40.86586  (20121603)
        504371.98   3634425.90       45.05370  (20092124)               504421.98
3634425.90       31.73972  (20092124)
        504471.98   3634425.90       19.76878  (19080102)               504521.98
3634425.90       15.44884  (21020924)
        504571.98   3634425.90       13.70701  (21020924)               504621.98
3634425.90       11.96017  (21111005)
        504671.98   3634425.90       10.55989  (20082304)               504721.98
3634425.90        9.72455  (20041201)
        502721.98   3634475.90        6.64260  (21012320)               502771.98
3634475.90        7.09951  (21012320)
        502821.98   3634475.90        7.55212  (21012320)               504321.98
3634475.90       54.72858  (20121603)
        504371.98   3634475.90       40.64399  (20121603)               504421.98
3634475.90       40.76716  (20092124)
        504471.98   3634475.90       32.21821  (20092124)               504521.98
3634475.90       22.14699  (19081924)
        504571.98   3634475.90       19.42997  (19081924)               504621.98
3634475.90       16.84754  (19081924)
        504671.98   3634475.90       13.28432  (20082304)               504721.98
3634475.90       11.22603  (20082304)
        502721.98   3634525.90        5.89056  (19083104)               502771.98
3634525.90        6.23146  (21012320)
        504371.98   3634525.90       55.85291  (20121603)               504421.98
3634525.90       40.68370  (20082303)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 928
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 43.16244 | (20082303) | 504521.98 | 3634525.90 | 37.04079 | (19081924) |
| 504571.98 | 3634525.90 | 31.41416 | (19081924) | 504621.98 | 3634525.90 | 25.12396 | (19081924) |
| 504671.98 | 3634525.90 | 18.24899 | (20082303) | 504721.98 | 3634525.90 | 14.41600 | (20082303) |
| 502721.98 | 3634575.90 | 6.00781 | (19083104) | 502771.98 | 3634575.90 | 6.10711 | (19083104) |
| 504421.98 | 3634575.90 | 55.64009 | (20121603) | 504471.98 | 3634575.90 | 41.58379 | (20082303) |
| 504521.98 | 3634575.90 | 33.65503 | (20082303) | 504571.98 | 3634575.90 | 38.46854 | (20082303) |
| 504621.98 | 3634575.90 | 31.20265 | (20081401) | 504671.98 | 3634575.90 | 24.60326 | (19081924) |
| 504721.98 | 3634575.90 | 20.42909 | (20082303) | 502721.98 | 3634625.90 | 6.13915 | (19083104) |
| 502771.98 | 3634625.90 | 6.24295 | (19083104) | 502821.98 | 3634625.90 | 6.35974 | (19083104) |
| 502871.98 | 3634625.90 | 6.46795 | (19083104) | 502921.98 | 3634625.90 | 6.57604 | (19083104) |
| 502971.98 | 3634625.90 | 6.69169 | (19083104) | 503021.98 | 3634625.90 | 6.81304 | (19083104) |
| 503071.98 | 3634625.90 | 7.17190 | (21012320) | 503121.98 | 3634625.90 | 7.74746 | (21012320) |
| 504471.98 | 3634625.90 | 56.54367 | (20082303) | 504521.98 | 3634625.90 | 42.33897 | (20082303) |
| 504571.98 | 3634625.90 | 34.14520 | (20082303) | 504621.98 | 3634625.90 | 28.69745 | (20082303) |
| 504671.98 | 3634625.90 | 24.84712 | (20082303) | 504721.98 | 3634625.90 | 27.33391 | (20081401) |
| 502721.98 | 3634675.90 | 6.25349 | (19083104) | 502771.98 | 3634675.90 | 6.37689 | (19083104) |
| 502821.98 | 3634675.90 | 6.50729 | (19083104) | 502871.98 | 3634675.90 | 6.63090 | (19083104) |
| 502921.98 | 3634675.90 | 6.75310 | (19083104) | 502971.98 | 3634675.90 | 6.88381 | (19083104) |
| 503021.98 | 3634675.90 | 7.00647 | (19083104) | 503071.98 | 3634675.90 | 7.13455 | (19083104) |
| 503121.98 | 3634675.90 | 7.28122 | (19083104) | 503171.98 | 3634675.90 | 7.44150 | (19083104) |
| 503221.98 | 3634675.90 | 7.79085 | (21012320) | 503271.98 | 3634675.90 | 8.38709 | (21012320) |
| 503321.98 | 3634675.90 | 9.09383 | (21012320) | 503371.98 | 3634675.90 | 9.84612 | (21012320) |
| 503421.98 | 3634675.90 | 10.63219 | (21012320) | 503471.98 | | | |

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3634675.90       11.52779  (21012320)
        503521.98   3634675.90       12.17756  (21012320)                504521.98
3634675.90       57.61314  (20082303)
        504571.98   3634675.90       42.87674  (20082303)                504621.98
3634675.90       34.43237  (20082303)
        504671.98   3634675.90       28.92339  (20082303)                504721.98
3634675.90       25.04032  (20082303)
        502721.98   3634725.90        6.30804  (19083104)                502771.98
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        502821.98   3634725.90        6.60003  (19083104)                502871.98
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        502921.98   3634725.90        6.90018  (19083104)                502971.98
3634725.90        7.04750  (19083104)
        503021.98   3634725.90        7.19575  (19083104)                503071.98
3634725.90        7.34096  (19083104)
        503121.98   3634725.90        7.50362  (19083104)                503171.98
3634725.90        7.67284  (19083104)
        503221.98   3634725.90        7.82618  (19083104)                503271.98
3634725.90        7.97691  (19083104)
        503321.98   3634725.90        8.15558  (19083104)                503371.98
3634725.90        8.42131  (21012320)
        503421.98   3634725.90        9.22229  (21012320)                503471.98
3634725.90       10.12824  (21012320)
        503521.98   3634725.90       11.01491  (21012320)                503571.98
3634725.90       11.83214  (21012320)
        503621.98   3634725.90       12.66169  (21012320)                504571.98
3634725.90       58.37505  (20082303)
        504621.98   3634725.90       43.11720  (20082303)                504671.98
3634725.90       34.45980  (20082303)
        504721.98   3634725.90       28.94181  (20082303)                502721.98
3634775.90        6.26409  (19083104)
        502771.98   3634775.90        6.42942  (19083104)                502821.98
3634775.90        6.60549  (19083104)
        502871.98   3634775.90        6.78721  (19083104)                502921.98
3634775.90        6.96212  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 929
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
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, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502971.98   3634775.90        7.13280  (19083104)               503021.98
3634775.90        7.31784  (19083104)
        503071.98   3634775.90        7.49732  (19083104)               503121.98
3634775.90        7.68135  (19083104)
        503171.98   3634775.90        7.87401  (19083104)               503221.98
3634775.90        8.05071  (19083104)
        503271.98   3634775.90        8.23952  (19083104)               503321.98
3634775.90        8.43771  (19083104)
        503371.98   3634775.90        8.64249  (19083104)               503421.98
3634775.90        8.86567  (19083104)
        503471.98   3634775.90        9.12073  (19083104)               503521.98
3634775.90        9.34714  (19083104)
        503571.98   3634775.90       10.18038  (21012320)               503621.98
3634775.90       11.18516  (21012320)
        503671.98   3634775.90       12.27903  (21012320)               503721.98
3634775.90       13.38304  (21012320)
        503771.98   3634775.90       14.47976  (21012320)               503821.98
3634775.90       15.44405  (21012320)
        504621.98   3634775.90       58.13108  (20082303)               504671.98
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        504721.98   3634775.90       34.26855  (20082303)               502721.98
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        502771.98   3634825.90        6.28383  (19083104)               502821.98
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        502871.98   3634825.90        6.67803  (19083104)               502921.98
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        503071.98   3634825.90        7.51766  (19083104)               503121.98
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        503271.98   3634825.90        8.41948  (19083104)               503321.98
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3634825.90        9.20884  (19083104)
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3634825.90       10.30097  (19083104)
        503671.98   3634825.90       10.61157  (19083104)               503721.98
3634825.90       11.37210  (21012320)
        503771.98   3634825.90       12.58327  (21012320)               503821.98
3634825.90       13.89759  (21012320)
        503871.98   3634825.90       15.30117  (21012320)               503921.98
3634825.90       16.75067  (21012320)
        504671.98   3634825.90       54.69085  (20082303)               504721.98
3634825.90       41.31112  (20082303)
        502721.98   3634875.90        5.76657  (19083104)               502771.98
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        502821.98   3634875.90        6.18978  (19083104)               502871.98
3634875.90        6.40480  (19083104)
        502921.98   3634875.90        6.64077  (19083104)               502971.98
3634875.90        6.87558  (19083104)
        503021.98   3634875.90        7.11941  (19083104)               503071.98
3634875.90        7.36575  (19083104)
        503121.98   3634875.90        7.62338  (19083104)               503171.98
3634875.90        7.86780  (19083104)
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3634875.90        8.44984  (19083104)
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3634875.90        9.05450  (19083104)
        503421.98   3634875.90        9.36889  (19083104)               503471.98
3634875.90        9.70045  (19083104)
        503521.98   3634875.90       10.02515  (19083104)               503571.98
3634875.90       10.36175  (19083104)
        503621.98   3634875.90       10.70596  (19083104)               503671.98
3634875.90       11.07066  (19083104)
        503721.98   3634875.90       11.45589  (19083104)               503771.98
3634875.90       11.84608  (19083104)
        503821.98   3634875.90       12.25827  (19083104)               503871.98
3634875.90       12.86450  (21012320)
        503921.98   3634875.90       14.49654  (21012320)               504721.98
3634875.90       50.49408  (20082303)
        502721.98   3634925.90        5.31104  (19083104)               502771.98
3634925.90        5.52068  (19083104)
        502821.98   3634925.90        5.74291  (19083104)               502871.98
3634925.90        5.96687  (19083104)
        502921.98   3634925.90        6.21138  (19083104)               502971.98
3634925.90        6.46177  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN  ***
INCLUDING SOURCE(S):  L0000995  , L0000996 , L0000997  , L0000998  , L0000999  ,
L0001000  , L0001001  , L0001002  , L0001003  , L0001004 , L0001005  , L0001006  , L0001007  ,
L0001008  , L0001009  , L0001010  , L0001011  , L0001012 , L0001013  , L0001014  , L0001015  ,
L0001016  , L0001017  , L0001018  , L0001019  , L0001020 , L0001021  , L0001022  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 6.72208 | (19083104) | 503071.98 | 3634925.90 | 6.99160 | (19083104) |
| 503121.98 | 3634925.90 | 7.27463 | (19083104) | 503171.98 | 3634925.90 | 7.56701 | (19083104) |
| 503221.98 | 3634925.90 | 7.87942 | (19083104) | 503271.98 | 3634925.90 | 8.20624 | (19083104) |
| 503321.98 | 3634925.90 | 8.54542 | (19083104) | 503371.98 | 3634925.90 | 8.89810 | (19083104) |
| 503421.98 | 3634925.90 | 9.26730 | (19083104) | 503471.98 | 3634925.90 | 9.64884 | (19083104) |
| 503521.98 | 3634925.90 | 10.04201 | (19083104) | 503571.98 | 3634925.90 | 10.44752 | (19083104) |
| 503621.98 | 3634925.90 | 10.86661 | (19083104) | 503671.98 | 3634925.90 | 11.31188 | (19083104) |
| 503721.98 | 3634925.90 | 11.80774 | (19083104) | 503771.98 | 3634925.90 | 12.29531 | (19083104) |
| 503821.98 | 3634925.90 | 12.80600 | (19083104) | 503871.98 | 3634925.90 | 13.88298 | (21011719) |
| 502721.98 | 3634975.90 | 4.74544 | (19083104) | 502771.98 | 3634975.90 | 4.94528 | (19083104) |
| 502821.98 | 3634975.90 | 5.16033 | (19083104) | 502871.98 | 3634975.90 | 5.38794 | (19083104) |
| 502921.98 | 3634975.90 | 5.63138 | (19083104) | 502971.98 | 3634975.90 | 5.86611 | (19083104) |
| 503021.98 | 3634975.90 | 6.12980 | (19083104) | 503071.98 | 3634975.90 | 6.40902 | (19083104) |
| 503121.98 | 3634975.90 | 6.70238 | (19083104) | 503171.98 | | | |

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3634975.90        6.98620  (19083104)
        503221.98   3634975.90        7.30439  (19083104)                503271.98
3634975.90        7.65179  (19083104)
        503321.98   3634975.90        8.01121  (19083104)                503371.98
3634975.90        8.39504  (19083104)
        503421.98   3634975.90        8.82082  (19083104)                503471.98
3634975.90        9.23643  (19083104)
        503521.98   3634975.90        9.68597  (19083104)                503571.98
3634975.90       10.14703  (19083104)
        503621.98   3634975.90       10.62877  (19083104)                503671.98
3634975.90       11.14559  (19083104)
        503721.98   3634975.90       11.75000  (19083104)                503771.98
3634975.90       12.01134  (19012720)
        503821.98   3634975.90       12.53312  (21011719)                503871.98
3634975.90       25.11576  (20050501)
        502721.98   3635025.90        4.84907  (21021102)                502771.98
3635025.90        4.93988  (21021102)
        502821.98   3635025.90        5.03181  (21021102)                502871.98
3635025.90        5.12832  (21021102)
        502921.98   3635025.90        5.22508  (21021102)                502971.98
3635025.90        5.32891  (21021102)
        503021.98   3635025.90        5.43993  (21021102)                503071.98
3635025.90        5.66809  (19083104)
        503121.98   3635025.90        5.94661  (19083104)                503171.98
3635025.90        6.23096  (19083104)
        503221.98   3635025.90        6.54456  (19083104)                503271.98
3635025.90        6.87959  (19083104)
        503321.98   3635025.90        7.23599  (19083104)                503371.98
3635025.90        7.61903  (19083104)
        503421.98   3635025.90        8.03502  (19083104)                503471.98
3635025.90        8.46236  (19083104)
        503521.98   3635025.90        8.92123  (19083104)                503571.98
3635025.90        9.41089  (19083104)
        503621.98   3635025.90        9.93458  (19083104)                503671.98
3635025.90       10.50715  (19083104)
        503721.98   3635025.90       11.15371  (21011719)                503771.98
3635025.90       11.71358  (19012720)
        503821.98   3635025.90       16.56738  (19033003)                504371.98
3635025.90       23.01436  (19083104)
        502721.98   3635075.90        5.03847  (21021102)                502771.98
3635075.90        5.13564  (21021102)
        502821.98   3635075.90        5.23463  (21021102)                502871.98
3635075.90        5.33009  (21021102)
        502921.98   3635075.90        5.43843  (21021102)                502971.98
3635075.90        5.55264  (21021102)
        503021.98   3635075.90        5.66516  (21021102)                503071.98
3635075.90        5.79175  (21021102)
        503121.98   3635075.90        5.92036  (21021102)                503171.98
3635075.90        6.04923  (21021102)
        503221.98   3635075.90        6.19508  (21021102)                503271.98
```

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503421.98   3635075.90        6.97647  (19083104)                503471.98
3635075.90        7.38035  (19083104)
        503521.98   3635075.90        7.81636  (19083104)                503571.98
3635075.90        8.28661  (19083104)
        503621.98   3635075.90        8.79507  (19083104)                503671.98
3635075.90        9.36126  (19083104)
        503721.98   3635075.90        9.78081  (20042421)                503771.98
3635075.90       11.11244  (21011719)
        503821.98   3635075.90       22.92659  (20041524)                504371.98
3635075.90       23.66674  (19083104)
        504421.98   3635075.90       25.53200  (19083104)                504471.98
3635075.90       27.64106  (19083104)
        504521.98   3635075.90       29.38348  (19083104)                502721.98
3635125.90        5.28820  (21021102)
        502771.98   3635125.90        5.39626  (21021102)                502821.98
3635125.90        5.50751  (21021102)
        502871.98   3635125.90        5.61756  (21021102)                502921.98
3635125.90        5.72504  (21021102)

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        502971.98   3635125.90        5.84866  (21021102)              503021.98
3635125.90        5.98044  (21021102)
        503071.98   3635125.90        6.12282  (21021102)              503121.98
3635125.90        6.26617  (21021102)
        503171.98   3635125.90        6.41452  (21021102)              503221.98
3635125.90        6.58074  (21021102)
        503271.98   3635125.90        6.74409  (21021102)              503321.98
3635125.90        6.92657  (21021102)
        503371.98   3635125.90        7.11567  (21021102)              503421.98
3635125.90        7.30559  (21021102)
        503471.98   3635125.90        7.52193  (21021102)              503521.98
3635125.90        7.75208  (21021102)
        503571.98   3635125.90        8.02210  (21021102)              503621.98
3635125.90        8.27589  (21021102)
        503671.98   3635125.90        8.57931  (21021102)              503721.98
3635125.90       10.36780  (21011719)
        503771.98   3635125.90       13.55636  (20041524)              503821.98
3635125.90       22.56225  (20041524)
        504371.98   3635125.90       22.23466  (19083104)              504421.98
3635125.90       24.53835  (19083104)
        504471.98   3635125.90       26.87899  (19083104)              504521.98
3635125.90       29.53425  (19083104)
        504571.98   3635125.90       32.33714  (19083104)              502721.98
3635175.90        5.56979  (21021102)
        502771.98   3635175.90        5.69496  (21021102)              502821.98
3635175.90        5.81959  (21021102)
        502871.98   3635175.90        5.94892  (21021102)              502921.98
3635175.90        6.06705  (21021102)
        502971.98   3635175.90        6.20564  (21021102)              503021.98
3635175.90        6.35791  (21021102)
        503071.98   3635175.90        6.51273  (21021102)              503121.98
3635175.90        6.67097  (21021102)
        503171.98   3635175.90        6.83753  (21021102)              503221.98
3635175.90        7.02553  (21021102)
        503271.98   3635175.90        7.21128  (21021102)              503321.98
3635175.90        7.41981  (21021102)
        503371.98   3635175.90        7.63032  (21021102)              503421.98
3635175.90        7.83169  (21021102)
        503471.98   3635175.90        8.10548  (21021102)              503521.98
3635175.90        8.35663  (21021102)
        503571.98   3635175.90        8.66223  (21021102)              503621.98
3635175.90        8.95556  (21021102)
        503671.98   3635175.90        9.20597  (21021102)              503721.98
3635175.90       11.40538  (21101322)
        503771.98   3635175.90       20.60425  (21101322)              503821.98
3635175.90       24.68737  (21101322)
        504371.98   3635175.90       18.63020  (19083104)              504421.98
3635175.90       20.71202  (19083104)
        504471.98   3635175.90       23.01539  (19083104)              504521.98
3635175.90       25.75031  (19083104)
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        504571.98   3635175.90       29.10470  (19083104)                504621.98
3635175.90       32.11181  (19083104)
        502721.98   3635225.90        5.83918  (21021102)                502771.98
3635225.90        5.96865  (21021102)
        502821.98   3635225.90        6.10548  (21021102)                502871.98
3635225.90        6.25001  (21021102)
        502921.98   3635225.90        6.39930  (21021102)                502971.98
3635225.90        6.55219  (21021102)
        503021.98   3635225.90        6.71332  (21021102)                503071.98
3635225.90        6.88140  (21021102)
        503121.98   3635225.90        7.05583  (21021102)                503171.98
3635225.90        7.24036  (21021102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 932
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503221.98   3635225.90        7.43494  (21021102)                503271.98
3635225.90        7.63887  (21021102)
        503321.98   3635225.90        7.85625  (21021102)                503371.98
3635225.90        8.09127  (21021102)
        503421.98   3635225.90        8.34124  (21021102)                503471.98
3635225.90        8.61920  (21021102)
        503521.98   3635225.90        8.94645  (21021102)                503571.98
3635225.90        9.28399  (21021102)
        503621.98   3635225.90        9.50318  (21021102)                503671.98
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3635225.90        9.62910  (21021102)
        504371.98   3635225.90       18.94773  (21021102)                504421.98
3635225.90       20.26194  (21021102)
        504471.98   3635225.90       21.78683  (21021102)                504521.98
3635225.90       23.55543  (21021102)
        504571.98   3635225.90       25.76674  (21021102)                504621.98
3635225.90       28.08115  (21021102)
        502721.98   3635275.90        6.04640  (21021102)                502771.98
3635275.90        6.19083  (21021102)
        502821.98   3635275.90        6.33684  (21021102)                502871.98
3635275.90        6.48470  (21021102)
        502921.98   3635275.90        6.64561  (21021102)                502971.98
3635275.90        6.80785  (21021102)
        503021.98   3635275.90        6.98534  (21021102)                503071.98
3635275.90        7.16853  (21021102)
        503121.98   3635275.90        7.36029  (21021102)                503171.98
3635275.90        7.56176  (21021102)
        503221.98   3635275.90        7.74474  (21021102)                503271.98
3635275.90        7.96949  (21021102)
        503321.98   3635275.90        8.19872  (21021102)                503371.98
3635275.90        8.45723  (21021102)
        503421.98   3635275.90        8.71398  (21021102)                503471.98
3635275.90        8.99927  (21021102)
        503521.98   3635275.90        9.29589  (21021102)                503571.98
3635275.90        9.67923  (21021102)
        503621.98   3635275.90       10.06328  (21021102)                504371.98
3635275.90       20.03172  (21021102)
        504421.98   3635275.90       21.39992  (21021102)                504471.98
3635275.90       22.86184  (21021102)
        504521.98   3635275.90       24.55546  (21021102)                504571.98
3635275.90       26.53876  (21021102)
        504621.98   3635275.90       28.90250  (21021102)                504671.98
3635275.90       31.17460  (21021102)
        502721.98   3635325.90        6.12857  (21021102)                502771.98
3635325.90        6.27163  (21021102)
        502821.98   3635325.90        6.41732  (21021102)                502871.98
3635325.90        6.56844  (21021102)
        502921.98   3635325.90        6.72850  (21021102)                502971.98
3635325.90        6.89145  (21021102)
        503021.98   3635325.90        7.06847  (21021102)                503071.98
3635325.90        7.25091  (21021102)
        503121.98   3635325.90        7.44316  (21021102)                503171.98
3635325.90        7.64387  (21021102)
        503221.98   3635325.90        7.82712  (21021102)                503271.98
3635325.90        8.04989  (21021102)
        503321.98   3635325.90        8.28214  (21021102)                503371.98
3635325.90        8.53563  (21021102)
        503421.98   3635325.90        8.79578  (21021102)                503471.98
3635325.90        9.07175  (21021102)
        503521.98   3635325.90        9.34991  (21021102)                503571.98
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3635325.90        9.69144  (21021102)
        503621.98   3635325.90       10.07079  (21021102)                504371.98
3635325.90       18.92557  (21021102)
        504421.98   3635325.90       19.95850  (21021102)                504471.98
3635325.90       21.07632  (21021102)
        504521.98   3635325.90       22.25761  (21021102)                504571.98
3635325.90       23.56471  (21021102)
        504621.98   3635325.90       25.13056  (21021102)                504671.98
3635325.90       26.84046  (21021102)
        504721.98   3635325.90       28.14647  (21021102)                502721.98
3635375.90        6.04844  (21021102)
        502771.98   3635375.90        6.18377  (21021102)                502821.98
3635375.90        6.28765  (21021102)
        502871.98   3635375.90        6.43158  (21021102)                502921.98
3635375.90        6.62130  (21021102)
        502971.98   3635375.90        6.75969  (21021102)                503021.98
3635375.90        6.93395  (21021102)
        503071.98   3635375.90        7.10830  (21021102)                503121.98
3635375.90        7.26772  (21021102)
        503171.98   3635375.90        7.44688  (21021102)                503221.98
3635375.90        7.61479  (21021102)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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        503271.98   3635375.90        7.81524  (21021102)              503321.98
3635375.90        8.02718  (21021102)
        503371.98   3635375.90        8.24970  (21021102)              503421.98
3635375.90        8.47812  (21021102)
        503471.98   3635375.90        8.71703  (21021102)              503521.98
3635375.90        8.96659  (21021102)
        503571.98   3635375.90        9.25433  (21021102)              503621.98
3635375.90        9.55250  (21021102)
        503671.98   3635375.90        9.78669  (21021102)              503721.98
3635375.90       10.30704  (21021102)
        504371.98   3635375.90       16.05267  (21021102)              504421.98
3635375.90       16.66891  (21021102)
        504471.98   3635375.90       17.29392  (21021102)              504521.98
3635375.90       17.96076  (21021102)
        504571.98   3635375.90       18.64002  (21021102)              504621.98
3635375.90       19.45408  (21021102)
        504671.98   3635375.90       20.55675  (19050903)              504721.98
3635375.90       21.84577  (19050903)
        502721.98   3635425.90        5.78558  (21021102)              502771.98
3635425.90        5.84853  (21021102)
        502821.98   3635425.90        5.97281  (21011719)              502871.98
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        502921.98   3635425.90        6.20241  (21021102)              502971.98
3635425.90        6.34447  (21021102)
        503021.98   3635425.90        6.48617  (21021102)              503071.98
3635425.90        6.64606  (21021102)
        503121.98   3635425.90        6.81086  (21021102)              503171.98
3635425.90        6.95999  (21021102)
        503221.98   3635425.90        7.11169  (21021102)              503271.98
3635425.90        7.28245  (21021102)
        503321.98   3635425.90        7.44790  (21021102)              503371.98
3635425.90        7.61868  (21021102)
        503421.98   3635425.90        7.79667  (21021102)              503471.98
3635425.90        7.98731  (21021102)
        503521.98   3635425.90        8.18521  (21021102)              503571.98
3635425.90        8.39007  (21021102)
        503621.98   3635425.90        8.60228  (21021102)              503671.98
3635425.90        8.75292  (21021102)
        503721.98   3635425.90        8.84758  (21021102)              503771.98
3635425.90        9.04703  (20101023)
        503821.98   3635425.90        9.59487  (20101023)              504371.98
3635425.90       13.90014  (19050903)
        504421.98   3635425.90       14.65966  (19050903)              504471.98
3635425.90       15.41386  (19050903)
        504521.98   3635425.90       16.13432  (19050903)              504571.98
3635425.90       16.87781  (19050903)
        504621.98   3635425.90       17.69419  (19050903)              504671.98
3635425.90       18.46406  (19050903)
        504721.98   3635425.90       19.20729  (19050903)              502721.98
3635475.90        5.32171  (21021102)
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        502771.98   3635475.90        5.68058  (21011719)               502821.98
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3635475.90        5.85647  (21021102)
        503071.98   3635475.90        6.02745  (21021102)               503121.98
3635475.90        6.12107  (21021102)
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3635475.90        6.34330  (21021102)
        503271.98   3635475.90        6.45999  (21021102)               503321.98
3635475.90        6.57610  (21021102)
        503371.98   3635475.90        6.69223  (21021102)               503421.98
3635475.90        6.81187  (21021102)
        503471.98   3635475.90        6.93688  (21021102)               503521.98
3635475.90        7.06408  (21021102)
        503571.98   3635475.90        7.19510  (21021102)               503621.98
3635475.90        7.32429  (21021102)
        503671.98   3635475.90        7.46287  (21021102)               503721.98
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3635475.90        8.71390  (20101023)
        503871.98   3635475.90        8.83527  (20101023)               503921.98
3635475.90        9.18368  (19031924)
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3635475.90       13.77031  (19050903)
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3635475.90       15.72593  (21011719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 934
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 16.87616 | (21011719) | 504721.98 | 3635475.90 | 18.13863 | (21011719) |
| 502221.98 | 3632975.90 | 3.77365 | (19010119) | 502271.98 | 3632975.90 | 3.81466 | (19010119) |
| 502321.98 | 3632975.90 | 3.82456 | (19010119) | 502371.98 | 3632975.90 | 3.80127 | (19010119) |
| 502421.98 | 3632975.90 | 3.74249 | (19010119) | 502471.98 | 3632975.90 | 3.64811 | (19010119) |
| 502521.98 | 3632975.90 | 3.51491 | (19010119) | 502571.98 | 3632975.90 | 3.35484 | (19010119) |
| 502621.98 | 3632975.90 | 3.16884 | (19010119) | 502671.98 | 3632975.90 | 2.96193 | (19010119) |
| 502721.98 | 3632975.90 | 2.95691 | (21030103) | 502771.98 | 3632975.90 | 3.71515 | (21030103) |
| 502821.98 | 3632975.90 | 4.61044 | (21030103) | 502871.98 | 3632975.90 | 15.24827 | (20122620) |
| 502921.98 | 3632975.90 | 16.32513 | (20122620) | 502971.98 | 3632975.90 | 14.13605 | (21110905) |
| 503021.98 | 3632975.90 | 15.28658 | (21030103) | 503071.98 | 3632975.90 | 18.93382 | (21030103) |
| 503121.98 | 3632975.90 | 17.16213 | (21030103) | 503171.98 | 3632975.90 | 14.25152 | (21031822) |
| 503221.98 | 3632975.90 | 13.88707 | (20121603) | 503271.98 | 3632975.90 | 14.61132 | (20121603) |
| 503321.98 | 3632975.90 | 14.48164 | (20121603) | 503371.98 | 3632975.90 | 13.68105 | (20092124) |
| 503421.98 | 3632975.90 | 14.00516 | (20092124) | 503471.98 | 3632975.90 | 14.30015 | (20090205) |
| 503621.98 | 3632975.90 | 13.86106 | (20090205) | 503671.98 | 3632975.90 | 12.77413 | (20090205) |
| 503721.98 | 3632975.90 | 11.28568 | (20090205) | 503771.98 | 3632975.90 | 9.52689 | (20090723) |
| 503821.98 | 3632975.90 | 8.01260 | (19080102) | 503871.98 | 3632975.90 | 6.40913 | (19080102) |
| 503921.98 | 3632975.90 | 6.09849 | (20111701) | 503971.98 | 3632975.90 | 5.55037 | (20111701) |
| 504021.98 | 3632975.90 | 5.40718 | (21110603) | 504071.98 | 3632975.90 | 5.28408 | (21110603) |
| 504121.98 | 3632975.90 | 5.18712 | (21111005) | 504171.98 | 3632975.90 | 5.12297 | (21111005) |
| 504221.98 | 3632975.90 | 4.99408 | (21111005) | 504271.98 | | | |

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3632975.90        4.80478  (19110606)
        504321.98   3632975.90        4.69307  (19101521)                504371.98
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        504421.98   3632975.90        4.29688  (20091518)                504471.98
3632975.90        4.28335  (20091518)
        504521.98   3632975.90        4.23224  (20091518)                504571.98
3632975.90        4.12430  (20091518)
        504621.98   3632975.90        4.00052  (20082921)                504671.98
3632975.90        3.98485  (20082921)
        504721.98   3632975.90        3.92297  (20082921)                504771.98
3632975.90        3.80963  (20082921)
        504821.98   3632975.90        3.65347  (20082921)                504871.98
3632975.90        3.47016  (20082921)
        504921.98   3632975.90        3.36546  (20022622)                504971.98
3632975.90        3.31638  (20022622)
        505021.98   3632975.90        3.24151  (21013120)                505071.98
3632975.90        3.17988  (21013120)
        505121.98   3632975.90        3.12201  (21120822)                505171.98
3632975.90        3.09059  (21120822)
        505221.98   3632975.90        3.05983  (21120822)                502221.98
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        502271.98   3633025.90        3.93661  (21111004)                502321.98
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        502371.98   3633025.90        3.97895  (19010119)                502421.98
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        502471.98   3633025.90        3.91067  (19010119)                502521.98
3633025.90        3.81930  (19010119)
        502571.98   3633025.90        3.69066  (19010119)                502621.98
3633025.90        3.52885  (19010119)
        502671.98   3633025.90        3.33464  (19010119)                502721.98
3633025.90        3.11590  (19010119)
        502771.98   3633025.90        3.13800  (21030103)                502821.98
3633025.90        5.09658  (20122620)
        502871.98   3633025.90       11.97390  (20122620)                502921.98
3633025.90       16.11242  (20122620)
        502971.98   3633025.90       14.53620  (21110905)                503021.98
3633025.90       14.90800  (21110905)
        503071.98   3633025.90       18.39206  (21030103)                503121.98
3633025.90       15.39516  (21030103)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 935
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
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, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503171.98   3633025.90       13.80061  (21030103)               503221.98
3633025.90       12.84666  (20121603)
        503271.98   3633025.90       14.44879  (20121603)               503321.98
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        503371.98   3633025.90       14.56691  (20121603)               503421.98
3633025.90       14.11360  (20121603)
        503471.98   3633025.90       14.59326  (21063005)               503621.98
3633025.90       14.53841  (20090205)
        503671.98   3633025.90       13.57373  (20090205)               503721.98
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        503771.98   3633025.90        9.66121  (20090205)               503821.98
3633025.90        7.78648  (19080102)
        503871.98   3633025.90        6.54525  (20111701)               503921.98
3633025.90        6.37061  (20111701)
        503971.98   3633025.90        5.90618  (20111701)               504021.98
3633025.90        5.53345  (21110603)
        504071.98   3633025.90        5.43623  (21110603)               504121.98
3633025.90        5.29592  (21111005)
        504171.98   3633025.90        5.23839  (21111005)               504221.98
3633025.90        5.12762  (21111005)
        504271.98   3633025.90        4.94727  (19110606)               504321.98
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        504371.98   3633025.90        4.57829  (19101521)               504421.98
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3633025.90        3.71364  (20082921)
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        505071.98   3633025.90        3.22001  (21013120)                505121.98
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        505171.98   3633025.90        3.13979  (21120822)                505221.98
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        502221.98   3633075.90        4.65618  (21111004)                502271.98
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        502321.98   3633075.90        4.21381  (21111004)                502371.98
3633075.90        4.10712  (19010119)
        502421.98   3633075.90        4.14410  (19010119)                502471.98
3633075.90        4.13510  (19010119)
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3633075.90        4.00734  (19010119)
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        502821.98   3633075.90        3.33559  (21030103)                502871.98
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3633075.90       17.42587  (20122620)
        503021.98   3633075.90       17.92978  (20122620)                503071.98
3633075.90       16.83401  (20122620)
        503121.98   3633075.90       14.77182  (21030103)                503171.98
3633075.90       13.98172  (21030103)
        503221.98   3633075.90       11.85166  (21030103)                503271.98
3633075.90       13.85794  (20121603)
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3633075.90       15.78536  (20121603)
        503421.98   3633075.90       15.53669  (20121603)                503471.98
3633075.90       14.71630  (21063005)
        503621.98   3633075.90       15.04133  (20090205)                503671.98
3633075.90       14.08816  (20090205)
        503721.98   3633075.90       12.88079  (20090205)                503771.98
3633075.90       10.00965  (20090205)
        503821.98   3633075.90        7.64316  (19080102)                503871.98
3633075.90        6.71915  (20102407)
        503921.98   3633075.90        6.60921  (20111701)                503971.98
3633075.90        6.24372  (20111701)
        504021.98   3633075.90        5.66277  (21110603)                504071.98
3633075.90        5.59168  (21110603)
        504121.98   3633075.90        5.41536  (21111005)                504171.98
3633075.90        5.36561  (21111005)
        504221.98   3633075.90        5.26653  (21111005)                504271.98
3633075.90        5.08903  (19110606)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
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*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3633075.90 | 4.92706 | (19101521) | 504371.98 | 3633075.90 | 4.71359 | (19101521) |
| 504421.98 | 3633075.90 | 4.46131 | (20091518) | 504471.98 | 3633075.90 | 4.44591 | (20091518) |
| 504521.98 | 3633075.90 | 4.39425 | (20091518) | 504571.98 | 3633075.90 | 4.28731 | (20091518) |
| 504621.98 | 3633075.90 | 4.15874 | (20082921) | 504671.98 | 3633075.90 | 4.13944 | (20082921) |
| 504721.98 | 3633075.90 | 4.06961 | (20082921) | 504771.98 | 3633075.90 | 3.94596 | (20082921) |
| 504821.98 | 3633075.90 | 3.77556 | (20082921) | 504871.98 | 3633075.90 | 3.57864 | (20082921) |
| 504921.98 | 3633075.90 | 3.47909 | (20022622) | 504971.98 | 3633075.90 | 3.41470 | (20022622) |
| 505021.98 | 3633075.90 | 3.33779 | (21013120) | 505071.98 | 3633075.90 | 3.26088 | (21013120) |
| 505121.98 | 3633075.90 | 3.22522 | (21120822) | 505171.98 | 3633075.90 | 3.19171 | (21120822) |
| 505221.98 | 3633075.90 | 3.15974 | (21120822) | 502221.98 | 3633125.90 | 5.10520 | (21111004) |
| 502271.98 | 3633125.90 | 4.95414 | (21111004) | 502321.98 | 3633125.90 | 4.75458 | (21111004) |
| 502371.98 | 3633125.90 | 4.51157 | (21111004) | 502421.98 | | | |

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3633125.90        4.20582  (19010119)
        502671.98   3633125.90        4.08119  (19010119)                502721.98
3633125.90        3.90927  (19010119)
        502771.98   3633125.90        3.70227  (19010119)                502821.98
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        502871.98   3633125.90        3.55153  (21030103)                502921.98
3633125.90        5.78901  (20122620)
        502971.98   3633125.90       13.48555  (20122620)                503021.98
3633125.90       17.25231  (20122620)
        503071.98   3633125.90       16.20629  (20122620)                503121.98
3633125.90       13.41446  (21030103)
        503171.98   3633125.90       13.08140  (21030103)                503221.98
3633125.90       12.00664  (21030103)
        503271.98   3633125.90       12.76279  (20121603)                503321.98
3633125.90       14.65372  (20121603)
        503371.98   3633125.90       16.44059  (20121603)                503421.98
3633125.90       16.87795  (20121603)
        503471.98   3633125.90       15.33438  (20121603)                503621.98
3633125.90       15.30207  (20090205)
        503671.98   3633125.90       14.17240  (20090205)                503721.98
3633125.90       13.13392  (20090205)
        503771.98   3633125.90        9.82164  (20090205)                503821.98
3633125.90        7.49659  (19080102)
        503871.98   3633125.90        7.02451  (20102407)                503921.98
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        503971.98   3633125.90        6.55942  (20111701)                504021.98
3633125.90        5.99833  (20111701)
        504071.98   3633125.90        5.74468  (21110603)                504121.98
3633125.90        5.59794  (21110603)
        504171.98   3633125.90        5.50088  (21111005)                504221.98
3633125.90        5.41469  (21111005)
        504271.98   3633125.90        5.25245  (21111005)                504321.98
3633125.90        5.04580  (19101521)
        504371.98   3633125.90        4.85541  (19101521)                504421.98
3633125.90        4.55437  (20091518)
        504471.98   3633125.90        4.53663  (20091518)                504521.98
3633125.90        4.48485  (20091518)
        504571.98   3633125.90        4.37689  (20091518)                504621.98
3633125.90        4.24436  (20082921)
        504671.98   3633125.90        4.22311  (20082921)                504721.98
3633125.90        4.14856  (20082921)
        504771.98   3633125.90        4.01806  (20082921)                504821.98
3633125.90        3.84004  (20082921)
        504871.98   3633125.90        3.63705  (20082921)                504921.98
3633125.90        3.53785  (20022622)
        504971.98   3633125.90        3.46582  (20022622)                505021.98
```

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3633175.90        5.25418  (21111004)                502371.98
3633175.90        5.07294  (21111004)
        502421.98   3633175.90        4.83829  (21111004)                502471.98
3633175.90        4.55228  (21111004)
        502521.98   3633175.90        4.49823  (19010119)                502571.98
3633175.90        4.52530  (19010119)
        502621.98   3633175.90        4.50267  (19010119)                502671.98
3633175.90        4.43155  (19010119)
        502721.98   3633175.90        4.31016  (19010119)                502771.98
3633175.90        4.13362  (19010119)
        502821.98   3633175.90        3.91164  (19010119)                502871.98
3633175.90        3.65131  (19010119)
        502921.98   3633175.90        3.78945  (21030103)                502971.98
3633175.90        4.81959  (21030103)

503021.98 3633175.90 8.18922 (20122620) 503071.98 3633175.90 8.07805 (21030103)
503121.98 3633175.90 11.08162 (21030103) 503171.98 3633175.90 8.97616 (21030103)
503221.98 3633175.90 12.98379 (21030103) 503271.98 3633175.90 14.09151 (21030103)
503321.98 3633175.90 14.29979 (20121603) 503371.98 3633175.90 16.93410 (20121603)
503421.98 3633175.90 17.90110 (20121603) 503471.98 3633175.90 17.03829 (20121603)
503621.98 3633175.90 14.74995 (20090205) 503671.98 3633175.90 14.30289 (20090205)
503721.98 3633175.90 12.49611 (20090205) 503771.98 3633175.90 9.67865 (20090205)
503821.98 3633175.90 7.87086 (20090205) 503871.98 3633175.90 7.27867 (20102407)
503921.98 3633175.90 6.97537 (20111701) 503971.98 3633175.90 6.84237 (20111701)
504021.98 3633175.90 6.38554 (20111701) 504071.98 3633175.90 5.89487 (21110603)
504121.98 3633175.90 5.77946 (21110603) 504171.98 3633175.90 5.65827 (21111005)
504221.98 3633175.90 5.58135 (21111005) 504271.98 3633175.90 5.42874 (21111005)
504321.98 3633175.90 5.17896 (21111005) 504371.98 3633175.90 4.99694 (19101521)
504421.98 3633175.90 4.67915 (19101521) 504471.98 3633175.90 4.63285 (20091518)
504521.98 3633175.90 4.58027 (20091518) 504571.98 3633175.90 4.47212 (20091518)
504621.98 3633175.90 4.33704 (20082921) 504671.98 3633175.90 4.31411 (20082921)
504721.98 3633175.90 4.23235 (20082921) 504771.98 3633175.90 4.09239 (20082921)
504821.98 3633175.90 3.90723 (20082921) 504871.98 3633175.90 3.69963 (20082921)
504921.98 3633175.90 3.67455 (20081802) 504971.98 3633175.90 3.51689 (20022622)
505021.98 3633175.90 3.43648 (21013120) 505071.98 3633175.90 3.37397 (21120822)
505121.98 3633175.90 3.33980 (21120822) 505171.98 3633175.90 3.30486 (21120822)
505221.98 3633175.90 3.27185 (21120822) 502221.98 3633225.90 5.75877 (21111004)
502271.98 3633225.90 5.75454 (21111004) 502321.98 3633225.90 5.69316 (21111004)
502371.98 3633225.90 5.58569 (21111004) 502421.98 3633225.90 5.41399 (21111004)
502471.98 3633225.90 5.17860 (21111004) 502521.98 3633225.90 4.89917 (21111004)

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503371.98   3633225.90       17.39123  (21031822)                503421.98
3633225.90       18.57952  (20121603)
        503471.98   3633225.90       18.36302  (20121603)                503621.98
3633225.90       14.96316  (20090205)
        503671.98   3633225.90       14.01816  (20090205)                503721.98

3633225.90 11.96285 (20090205)
503771.98 3633225.90 10.04437 (20090205) 503821.98
3633225.90 8.46698 (20090205)
503871.98 3633225.90 7.47500 (20102407) 503921.98
3633225.90 7.30323 (20102407)
503971.98 3633225.90 7.08632 (20111701) 504021.98
3633225.90 6.74205 (20111701)
504071.98 3633225.90 6.05263 (20111701) 504121.98
3633225.90 5.96395 (21110603)
504171.98 3633225.90 5.84395 (21111005) 504221.98
3633225.90 5.73328 (21111005)
504271.98 3633225.90 5.59903 (21111005) 504321.98
3633225.90 5.41409 (21111005)
504371.98 3633225.90 5.13750 (19101521) 504421.98
3633225.90 4.83332 (19101521)
504471.98 3633225.90 4.73748 (20091518) 504521.98
3633225.90 4.68365 (20091518)
504571.98 3633225.90 4.57468 (20091518) 504621.98
3633225.90 4.43583 (20082921)
504671.98 3633225.90 4.40552 (20082921) 504721.98
3633225.90 4.31795 (20082921)
504771.98 3633225.90 4.17105 (20082921) 504821.98
3633225.90 3.98256 (20082921)
504871.98 3633225.90 3.77460 (20082921) 504921.98
3633225.90 3.86950 (20081802)
504971.98 3633225.90 3.57078 (20022622) 505021.98
3633225.90 3.48782 (21013120)
505071.98 3633225.90 3.43550 (21120822) 505121.98
3633225.90 3.39884 (21120822)
505171.98 3633225.90 3.36742 (21120822) 505221.98
3633225.90 3.33380 (21120822)
502221.98 3633275.90 5.92309 (21111004) 502271.98
3633275.90 6.00300 (21111004)
502321.98 3633275.90 6.03647 (21111004) 502371.98
3633275.90 6.01126 (21111004)
502421.98 3633275.90 5.92038 (21111004) 502471.98
3633275.90 5.76750 (21111004)
502521.98 3633275.90 5.55255 (21111004) 502571.98
3633275.90 5.27615 (21111004)
502621.98 3633275.90 4.94661 (21111004) 502671.98
3633275.90 4.96167 (19010119)
502721.98 3633275.90 4.97101 (19010119) 502771.98
3633275.90 4.92013 (19010119)
502821.98 3633275.90 5.76932 (19010119) 502871.98
3633275.90 4.61843 (19010119)
502921.98 3633275.90 4.37698 (19010119) 502971.98
3633275.90 4.08756 (19010119)
503021.98 3633275.90 4.34400 (21030103) 503071.98
3633275.90 5.56508 (21030103)
503121.98 3633275.90 6.88637 (21030103) 503171.98

3633275.90        8.18836  (21030103)
        503221.98   3633275.90        9.31761  (21030103)                503271.98
3633275.90       15.85406  (21030103)
        503321.98   3633275.90       16.80624  (21030103)                503371.98
3633275.90       18.18860  (21031822)
        503421.98   3633275.90       18.65156  (20121603)                503471.98
3633275.90       16.95949  (21041501)
        503621.98   3633275.90       14.73407  (20092123)                503671.98
3633275.90       13.50961  (20092123)
        503721.98   3633275.90       11.35848  (20090205)                503771.98
3633275.90       10.10463  (20090205)
        503821.98   3633275.90        9.06848  (20090205)                503871.98
3633275.90        8.00874  (20090205)
        503921.98   3633275.90        7.58657  (20102407)                503971.98
3633275.90        7.28387  (20111701)
        504021.98   3633275.90        7.06628  (20111701)                504071.98
3633275.90        6.47566  (20111701)
        504121.98   3633275.90        6.20424  (21020924)                504171.98
3633275.90        6.06888  (21020924)
        504221.98   3633275.90        5.91156  (21111005)                504271.98
3633275.90        5.80185  (21111005)
        504321.98   3633275.90        5.70858  (21111005)                504371.98
3633275.90        5.54020  (21111005)
        504421.98   3633275.90        4.98876  (19101521)                504471.98
3633275.90        4.83424  (20091518)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 4.79803 | (20091518) | 504571.98 | 3633275.90 | 4.68818 | (20091518) |
| 504621.98 | 3633275.90 | 4.53583 | (20082921) | 504671.98 | 3633275.90 | 4.50611 | (20082921) |
| 504721.98 | 3633275.90 | 4.41284 | (20082921) | 504771.98 | 3633275.90 | 4.25327 | (20082921) |
| 504821.98 | 3633275.90 | 4.05944 | (20082921) | 504871.98 | 3633275.90 | 4.00536 | (20081802) |
| 504921.98 | 3633275.90 | 4.13238 | (20081802) | 504971.98 | 3633275.90 | 3.79262 | (20081802) |
| 505021.98 | 3633275.90 | 3.54196 | (21013120) | 505071.98 | 3633275.90 | 3.49318 | (21120822) |
| 505121.98 | 3633275.90 | 3.45867 | (21120822) | 505171.98 | 3633275.90 | 3.43104 | (21120822) |
| 505221.98 | 3633275.90 | 3.39637 | (21120822) | 502221.98 | 3633325.90 | 5.96373 | (21111004) |
| 502271.98 | 3633325.90 | 6.12948 | (21111004) | 502321.98 | 3633325.90 | 6.25120 | (21111004) |
| 502371.98 | 3633325.90 | 6.31860 | (21111004) | 502421.98 | 3633325.90 | 6.32606 | (21111004) |
| 502471.98 | 3633325.90 | 6.26478 | (21111004) | 502521.98 | 3633325.90 | 6.14224 | (21111004) |
| 502571.98 | 3633325.90 | 5.94750 | (21111004) | 502621.98 | 3633325.90 | 5.68401 | (21111004) |
| 502671.98 | 3633325.90 | 5.35372 | (21111004) | 502721.98 | 3633325.90 | 5.19830 | (19010119) |
| 502771.98 | 3633325.90 | 5.23216 | (19010119) | 502821.98 | 3633325.90 | 5.19076 | (19010119) |
| 502871.98 | 3633325.90 | 5.07496 | (19010119) | 502921.98 | 3633325.90 | 4.89181 | (19010119) |
| 502971.98 | 3633325.90 | 4.64317 | (19010119) | 503021.98 | 3633325.90 | 4.33768 | (19010119) |
| 503071.98 | 3633325.90 | 4.66880 | (21030103) | 503121.98 | 3633325.90 | 6.00389 | (21030103) |
| 503171.98 | 3633325.90 | 7.43740 | (21030103) | 503221.98 | 3633325.90 | 8.82479 | (21030103) |
| 503271.98 | 3633325.90 | 16.92022 | (20122620) | 503321.98 | 3633325.90 | 18.16755 | (21030103) |
| 503371.98 | 3633325.90 | 20.17714 | (21030103) | 503421.98 | 3633325.90 | 21.00899 | (21030103) |
| 503471.98 | 3633325.90 | 16.37468 | (20092222) | 503621.98 | 3633325.90 | 14.84498 | (20092123) |
| 503671.98 | 3633325.90 | 13.70333 | (20092123) | 503721.98 | 3633325.90 | 11.21028 | (20092123) |
| 503771.98 | 3633325.90 | 10.34719 | (20090205) | 503821.98 | 3633325.90 | 9.70486 | (20090205) |

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        503871.98   3633325.90        8.80659  (20090205)                503921.98
3633325.90        7.86243  (20090723)
        503971.98   3633325.90        8.16734  (19080102)                504021.98
3633325.90        7.43797  (19080102)
        504071.98   3633325.90        6.89470  (20111701)                504121.98
3633325.90        6.76541  (21020924)
        504171.98   3633325.90        6.36310  (21020924)                504221.98
3633325.90        6.09921  (21111005)
        504271.98   3633325.90        6.07335  (21111005)                504321.98
3633325.90        6.21273  (21111005)
        504371.98   3633325.90        6.09959  (21111005)                504421.98
3633325.90        5.34144  (21111005)
        504471.98   3633325.90        4.94621  (20050102)                504521.98
3633325.90        4.90092  (20091518)
        504571.98   3633325.90        4.78641  (20091518)                504621.98
3633325.90        4.64739  (20082921)
        504671.98   3633325.90        4.63155  (20082921)                504721.98
3633325.90        4.52431  (20082921)
        504771.98   3633325.90        4.34332  (20082921)                504821.98
3633325.90        4.13995  (20082921)
        504871.98   3633325.90        4.34046  (20081802)                504921.98
3633325.90        4.45857  (20081802)
        504971.98   3633325.90        4.14141  (20081802)                505021.98
3633325.90        3.85413  (20081802)
        505071.98   3633325.90        3.68139  (20081802)                505121.98
3633325.90        3.52429  (21120822)
        505171.98   3633325.90        3.49619  (21120822)                505221.98
3633325.90        3.45744  (21120822)
        502221.98   3633375.90        5.87878  (21111004)                502271.98
3633375.90        6.11888  (21111004)
        502321.98   3633375.90        6.32358  (21111004)                502371.98
3633375.90        6.48465  (21111004)
        502421.98   3633375.90        6.59499  (21111004)                502471.98
3633375.90        6.64394  (21111004)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 940
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
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L0001016 , L0001017 , L0001018 , L0001019 , L0001020
, L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 6.62755 | (21111004) | 502571.98 | 3633375.90 | 6.53733 | (21111004) |
| 502621.98 | 3633375.90 | 6.36919 | (21111004) | 502671.98 | 3633375.90 | 6.12189 | (21111004) |
| 502721.98 | 3633375.90 | 5.79794 | (21111004) | 502771.98 | 3633375.90 | 5.44760 | (19010119) |
| 502821.98 | 3633375.90 | 5.49975 | (19010119) | 502871.98 | 3633375.90 | 5.47595 | (19010119) |
| 502921.98 | 3633375.90 | 5.37469 | (19010119) | 502971.98 | 3633375.90 | 5.19322 | (19010119) |
| 503021.98 | 3633375.90 | 4.93608 | (19010119) | 503071.98 | 3633375.90 | 4.61148 | (19010119) |
| 503121.98 | 3633375.90 | 5.03202 | (21030103) | 503171.98 | 3633375.90 | 6.49727 | (21030103) |
| 503221.98 | 3633375.90 | 8.05591 | (21030103) | 503271.98 | 3633375.90 | 9.53170 | (21030103) |
| 503321.98 | 3633375.90 | 11.88883 | (21030103) | 503371.98 | 3633375.90 | 21.52455 | (21030103) |
| 503421.98 | 3633375.90 | 22.54718 | (21030103) | 503471.98 | 3633375.90 | 18.87336 | (21030103) |
| 503621.98 | 3633375.90 | 16.09166 | (21041501) | 503671.98 | 3633375.90 | 14.42281 | (20092123) |
| 503721.98 | 3633375.90 | 12.27387 | (20092123) | 503771.98 | 3633375.90 | 10.89864 | (20090205) |
| 503821.98 | 3633375.90 | 10.70517 | (20090205) | 503871.98 | 3633375.90 | 9.82879 | (20090205) |
| 503921.98 | 3633375.90 | 9.23854 | (20090205) | 503971.98 | 3633375.90 | 9.32279 | (19080102) |
| 504021.98 | 3633375.90 | 8.43448 | (19080102) | 504071.98 | 3633375.90 | 7.38993 | (19080102) |
| 504121.98 | 3633375.90 | 7.37230 | (21020924) | 504171.98 | 3633375.90 | 6.65488 | (21020924) |
| 504221.98 | 3633375.90 | 6.54845 | (21020924) | 504271.98 | 3633375.90 | 6.82371 | (21020924) |
| 504321.98 | 3633375.90 | 7.08966 | (21020924) | 504371.98 | 3633375.90 | 6.84455 | (21111005) |
| 504421.98 | 3633375.90 | 5.81743 | (21111005) | 504471.98 | | | |

3633375.90        5.05612  (20050102)
        504521.98   3633375.90        5.00808  (20091518)                504571.98
3633375.90        4.88718  (20091518)
        504621.98   3633375.90        4.78675  (20082921)                504671.98
3633375.90        4.82290  (20082921)
        504721.98   3633375.90        4.66270  (20082921)                504771.98
3633375.90        4.44778  (20082921)
        504821.98   3633375.90        4.32481  (20081802)                504871.98
3633375.90        4.84642  (20081802)
        504921.98   3633375.90        4.79542  (20081802)                504971.98
3633375.90        4.54877  (20081802)
        505021.98   3633375.90        4.25933  (20081802)                505071.98
3633375.90        3.79043  (20081802)
        505121.98   3633375.90        3.59545  (21120822)                505171.98
3633375.90        3.56332  (21120822)
        505221.98   3633375.90        3.51930  (21120822)                502221.98
3633425.90        5.66091  (21111004)
        502271.98   3633425.90        5.96199  (21111004)                502321.98
3633425.90        6.23923  (21111004)
        502371.98   3633425.90        6.48877  (21111004)                502421.98
3633425.90        6.70145  (21111004)
        502471.98   3633425.90        6.87608  (21111004)                502521.98
3633425.90        6.97311  (21111004)
        502571.98   3633425.90        6.99974  (21111004)                502621.98
3633425.90        6.95051  (21111004)
        502671.98   3633425.90        6.81221  (21111004)                502721.98
3633425.90        6.58738  (21111004)
        502771.98   3633425.90        6.27589  (21111004)                502821.98
3633425.90        5.87924  (21111004)
        502871.98   3633425.90        5.78398  (19010119)                502921.98
3633425.90        5.78906  (19010119)
        502971.98   3633425.90        5.70215  (19010119)                503021.98
3633425.90        5.52320  (19010119)
        503071.98   3633425.90        5.25844  (19010119)                503121.98
3633425.90        4.91290  (19010119)
        503171.98   3633425.90        5.44103  (21030103)                503221.98
3633425.90        7.05569  (21030103)
        503271.98   3633425.90        8.75294  (21030103)                503321.98
3633425.90       11.03803  (21030103)
        503371.98   3633425.90       24.95567  (20122620)                503421.98
3633425.90       25.32783  (21030103)
        503471.98   3633425.90       23.48760  (21030103)                503621.98
3633425.90       18.22562  (21041501)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***

INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 15.95799 | (20092123) | 503721.98 | 3633425.90 | 13.75638 | (20092123) |
| 503771.98 | 3633425.90 | 12.26734 | (20092123) | 503821.98 | 3633425.90 | 11.54559 | (20090205) |
| 503871.98 | 3633425.90 | 11.25541 | (20090205) | 503921.98 | 3633425.90 | 11.43796 | (20090205) |
| 503971.98 | 3633425.90 | 10.31640 | (20090205) | 504021.98 | 3633425.90 | 9.37102 | (19080102) |
| 504071.98 | 3633425.90 | 8.43769 | (19080102) | 504121.98 | 3633425.90 | 8.05603 | (21020924) |
| 504171.98 | 3633425.90 | 7.41379 | (21020924) | 504221.98 | 3633425.90 | 7.62929 | (21020924) |
| 504271.98 | 3633425.90 | 8.13970 | (21020924) | 504321.98 | 3633425.90 | 8.35694 | (21020924) |
| 504371.98 | 3633425.90 | 7.42649 | (21111005) | 504421.98 | 3633425.90 | 6.31380 | (21111005) |
| 504471.98 | 3633425.90 | 5.36885 | (21111005) | 504521.98 | 3633425.90 | 5.12097 | (20091518) |
| 504571.98 | 3633425.90 | 4.99340 | (20091518) | 504621.98 | 3633425.90 | 5.02504 | (20081802) |
| 504671.98 | 3633425.90 | 5.20885 | (20081802) | 504721.98 | 3633425.90 | 5.15751 | (20081802) |
| 504771.98 | 3633425.90 | 4.87078 | (20081802) | 504821.98 | 3633425.90 | 4.72868 | (20081802) |
| 504871.98 | 3633425.90 | 5.25014 | (20081802) | 504921.98 | 3633425.90 | 5.05258 | (20081802) |
| 504971.98 | 3633425.90 | 4.72997 | (20081802) | 505021.98 | 3633425.90 | 4.09613 | (20081802) |

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        505071.98   3633425.90        3.70608  (21120822)              505121.98
3633425.90        3.67131  (21120822)
        505171.98   3633425.90        3.63211  (21120822)              505221.98
3633425.90        3.58710  (21120822)
        502221.98   3633475.90        5.33754  (21111004)              502271.98
3633475.90        5.68537  (21111004)
        502321.98   3633475.90        6.02500  (21111004)              502371.98
3633475.90        6.34972  (21111004)
        502421.98   3633475.90        6.65120  (21111004)              502471.98
3633475.90        6.93216  (21111004)
        502521.98   3633475.90        7.13532  (21111004)              502571.98
3633475.90        7.28696  (21111004)
        502621.98   3633475.90        7.37205  (21111004)              502671.98
3633475.90        7.36880  (21111004)
        504771.98   3633475.90        5.79461  (20081802)              504821.98
3633475.90        5.74451  (20081802)
        504871.98   3633475.90        5.58953  (20081802)              504921.98
3633475.90        5.40116  (20081802)
        504971.98   3633475.90        4.89864  (20081802)              505021.98
3633475.90        4.14416  (20081802)
        505071.98   3633475.90        3.78651  (21120822)              505121.98
3633475.90        3.74781  (21120822)
        505171.98   3633475.90        3.70423  (21120822)              505221.98
3633475.90        3.73432  (20082105)
        502221.98   3633525.90        4.93404  (21111004)              502271.98
3633525.90        5.31140  (21111004)
        502321.98   3633525.90        5.69113  (21111004)              502371.98
3633525.90        6.07719  (21111004)
        502421.98   3633525.90        6.45307  (21111004)              502471.98
3633525.90        6.81179  (21111004)
        502521.98   3633525.90        7.11163  (21111004)              502571.98
3633525.90        7.36665  (21111004)
        502621.98   3633525.90        7.58581  (21111004)              502671.98
3633525.90        7.73048  (21111004)
        504771.98   3633525.90        6.00435  (20081802)              504821.98
3633525.90        5.84260  (20081802)
        504871.98   3633525.90        5.68865  (20081802)              504921.98
3633525.90        5.51987  (20081802)
        504971.98   3633525.90        5.30472  (20081802)              505021.98
3633525.90        4.72980  (20081802)
        505071.98   3633525.90        4.06994  (20081802)              505121.98
3633525.90        3.82802  (21120822)
        505171.98   3633525.90        3.77876  (21120822)              505221.98
3633525.90        3.86294  (20082105)
        502221.98   3633575.90        4.47998  (21111004)              502271.98
3633575.90        4.85478  (21111004)
        502321.98   3633575.90        5.25616  (21111004)              502371.98
3633575.90        5.67792  (21111004)
        502421.98   3633575.90        6.09768  (21111004)              502471.98
3633575.90        6.50500  (21111004)
```

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633575.90        7.59547  (21111004)                502671.98
3633575.90        7.87714  (21111004)
        504771.98   3633575.90        6.11556  (20081802)                504821.98
3633575.90        6.01035  (20081802)
        504871.98   3633575.90        5.88138  (20081802)                504921.98
3633575.90        5.61062  (20081802)
        504971.98   3633575.90        5.48669  (20081802)                505021.98
3633575.90        5.15954  (20081802)
        505071.98   3633575.90        4.52690  (20081802)                505121.98
3633575.90        3.99672  (20082105)
        505171.98   3633575.90        3.94975  (20082105)                505221.98
3633575.90        4.13276  (20082105)
        502221.98   3633625.90        4.31009  (21012320)                502271.98
3633625.90        4.34489  (21111004)
        502321.98   3633625.90        4.75674  (21111004)                502371.98
3633625.90        5.18659  (21111004)
        502421.98   3633625.90        5.63485  (21111004)                502471.98
3633625.90        6.07505  (21111004)
        502521.98   3633625.90        6.53651  (21111004)                502571.98

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3633625.90        6.98192  (21111004)
        502621.98   3633625.90        7.41143  (21111004)                502671.98
3633625.90        7.80567  (21111004)
        504771.98   3633625.90        6.23954  (20081802)                504821.98
3633625.90        6.41189  (20081802)
        504871.98   3633625.90        6.09926  (20081802)                504921.98
3633625.90        5.85070  (20081802)
        504971.98   3633625.90        5.71007  (20081802)                505021.98
3633625.90        5.42530  (20081802)
        505071.98   3633625.90        4.80025  (20081802)                505121.98
3633625.90        4.29662  (20082105)
        505171.98   3633625.90        4.17094  (20082105)                505221.98
3633625.90        4.39228  (20082105)
        502221.98   3633675.90        5.10744  (21012320)                502271.98
3633675.90        4.89454  (21012320)
        502321.98   3633675.90        4.70005  (21012320)                502371.98
3633675.90        4.63047  (21111004)
        502421.98   3633675.90        5.08567  (21111004)                502471.98
3633675.90        5.55132  (21111004)
        502521.98   3633675.90        6.03801  (21111004)                502571.98
3633675.90        6.52980  (21111004)
        502621.98   3633675.90        7.02264  (21111004)                502671.98
3633675.90        7.50548  (21111004)
        504771.98   3633675.90        6.69850  (20081802)                504821.98
3633675.90        6.65866  (20081802)
        504871.98   3633675.90        6.49595  (20081802)                504921.98
3633675.90        6.26725  (20081802)
        504971.98   3633675.90        5.99104  (20081802)                505021.98
3633675.90        5.64857  (20081802)
        505071.98   3633675.90        5.01219  (20081802)                505121.98
3633675.90        4.41771  (20082105)
        505171.98   3633675.90        4.32333  (20082105)                505221.98
3633675.90        4.54031  (20082105)
        502221.98   3633725.90        5.84049  (21012320)                502271.98
3633725.90        5.68468  (21012320)
        502321.98   3633725.90        5.55183  (21012320)                502371.98
3633725.90        5.38485  (21012320)
        502421.98   3633725.90        5.19394  (21012320)                502471.98
3633725.90        4.97508  (21012320)
        502521.98   3633725.90        5.44643  (21111004)                502571.98
3633725.90        5.95771  (21111004)
        502621.98   3633725.90        6.48608  (21111004)                502671.98
3633725.90        7.02170  (21111004)
        504771.98   3633725.90        7.41052  (20081802)                504821.98
3633725.90        7.05884  (20081802)
        504871.98   3633725.90        6.86763  (20081802)                504921.98
3633725.90        6.54067  (20081802)
        504971.98   3633725.90        6.17924  (20081802)                505021.98
3633725.90        5.72742  (20081802)
        505071.98   3633725.90        4.99244  (20081802)                505121.98
```

*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633775.90        5.84146  (21111004)                502671.98
3633775.90        6.39795  (21111004)
        504771.98   3633775.90        8.00569  (20082921)                504821.98
3633775.90        7.62778  (20081802)
        504871.98   3633775.90        7.19309  (20081802)                504921.98
3633775.90        6.65278  (20081802)
        504971.98   3633775.90        6.27064  (20081802)                505021.98
3633775.90        5.72748  (20081802)
        505071.98   3633775.90        5.12227  (20081802)                505121.98
3633775.90        4.64427  (20082105)

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        505171.98   3633775.90        4.64378  (20082105)               505221.98
3633775.90        4.81556  (20082105)
        502221.98   3633825.90        6.98452  (21012320)               502271.98
3633825.90        6.94201  (21012320)
        502321.98   3633825.90        6.94423  (21012320)               502371.98
3633825.90        6.91653  (21012320)
        502421.98   3633825.90        6.85962  (21012320)               502471.98
3633825.90        6.77402  (21012320)
        502521.98   3633825.90        6.67189  (21012320)               502571.98
3633825.90        6.54351  (21012320)
        502621.98   3633825.90        6.37989  (21012320)               502671.98
3633825.90        6.16907  (21012320)
        504771.98   3633825.90        8.53681  (20082921)               504821.98
3633825.90        7.92015  (20081802)
        504871.98   3633825.90        7.12950  (20081802)               504921.98
3633825.90        6.47727  (20081802)
        504971.98   3633825.90        6.07879  (20081802)               505021.98
3633825.90        5.74271  (20081802)
        505071.98   3633825.90        5.22022  (20081802)               505121.98
3633825.90        4.73157  (20082105)
        505171.98   3633825.90        4.77976  (20082105)               505221.98
3633825.90        4.97290  (20082105)
        502221.98   3633875.90        7.31915  (21012320)               502271.98
3633875.90        7.34467  (21012320)
        502321.98   3633875.90        7.41811  (21012320)               502371.98
3633875.90        7.43133  (21012320)
        502421.98   3633875.90        7.45212  (21012320)               502471.98
3633875.90        7.43353  (21012320)
        502521.98   3633875.90        7.42406  (21012320)               502571.98
3633875.90        7.39174  (21012320)
        502621.98   3633875.90        7.32415  (21012320)               502671.98
3633875.90        7.21305  (21012320)
        504771.98   3633875.90        8.82384  (20082921)               504821.98
3633875.90        8.00230  (20081802)
        504871.98   3633875.90        7.09197  (20081802)               504921.98
3633875.90        6.47644  (20081802)
        504971.98   3633875.90        5.97238  (20081802)               505021.98
3633875.90        5.51579  (20081802)
        505071.98   3633875.90        5.27586  (20081802)               505121.98
3633875.90        4.92643  (20082105)
        505171.98   3633875.90        4.99275  (20082105)               505221.98
3633875.90        5.12442  (20082105)
        502221.98   3633925.90        7.52112  (21012320)               502271.98
3633925.90        7.60949  (21012320)
        502321.98   3633925.90        7.71563  (21012320)               502371.98
3633925.90        7.77627  (21012320)
        502421.98   3633925.90        7.87432  (21012320)               502471.98
3633925.90        7.92385  (21012320)
        502521.98   3633925.90        7.98014  (21012320)               502571.98
3633925.90        8.02183  (21012320)
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        502621.98   3633925.90        8.04485  (21012320)               502671.98
3633925.90        8.03403  (21012320)
        504771.98   3633925.90        8.84149  (20082921)               504821.98
3633925.90        8.15478  (20081802)
        504871.98   3633925.90        7.46486  (20081802)               504921.98
3633925.90        6.56010  (20081802)
        504971.98   3633925.90        5.80325  (20081802)               505021.98
3633925.90        5.48848  (20081802)
        505071.98   3633925.90        5.24301  (20081802)               505121.98
3633925.90        5.12448  (20081603)
        505171.98   3633925.90        5.23952  (20081603)               505221.98
3633925.90        5.31968  (20082105)
        502221.98   3633975.90        7.60611  (21012320)               502271.98
3633975.90        7.70551  (21012320)
        502321.98   3633975.90        7.84702  (21012320)               502371.98
3633975.90        7.99148  (21012320)
        502421.98   3633975.90        8.12067  (21012320)               502471.98
3633975.90        8.23155  (21012320)
        502521.98   3633975.90        8.34544  (21012320)               502571.98
3633975.90        8.44045  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 944
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633975.90        8.53523  (21012320)               502671.98
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3633975.90        8.60131  (21012320)
        504771.98   3633975.90        8.87699  (20081802)                504821.98
3633975.90        8.35740  (20081802)
        504871.98   3633975.90        7.82878  (20081802)                504921.98
3633975.90        7.00322  (20081802)
        504971.98   3633975.90        5.90357  (20081802)                505021.98
3633975.90        5.40100  (20081802)
        505071.98   3633975.90        5.13781  (20081802)                505121.98
3633975.90        5.35029  (20081603)
        505171.98   3633975.90        5.49686  (20081603)                505221.98
3633975.90        5.54326  (20081603)
        502221.98   3634025.90        7.57257  (21012320)                502271.98
3634025.90        7.70001  (21012320)
        502321.98   3634025.90        7.87100  (21012320)                502371.98
3634025.90        8.05128  (21012320)
        502421.98   3634025.90        8.21320  (21012320)                502471.98
3634025.90        8.36759  (21012320)
        502521.98   3634025.90        8.51851  (21012320)                502571.98
3634025.90        8.66652  (21012320)
        502621.98   3634025.90        8.81642  (21012320)                502671.98
3634025.90        8.94831  (21012320)
        504771.98   3634025.90        8.86516  (20081802)                504821.98
3634025.90        8.61302  (20081802)
        504871.98   3634025.90        7.80764  (20081802)                504921.98
3634025.90        6.89555  (20081802)
        504971.98   3634025.90        5.77788  (20081802)                505021.98
3634025.90        5.35508  (20081802)
        505071.98   3634025.90        5.18967  (20082105)                505121.98
3634025.90        5.52990  (20081603)
        505171.98   3634025.90        5.78233  (20081603)                505221.98
3634025.90        5.80119  (20081603)
        502221.98   3634075.90        7.40051  (21012320)                502271.98
3634075.90        7.58371  (21012320)
        502321.98   3634075.90        7.78232  (21012320)                502371.98
3634075.90        7.97489  (21012320)
        502421.98   3634075.90        8.15802  (21012320)                502471.98
3634075.90        8.34832  (21012320)
        502521.98   3634075.90        8.54487  (21012320)                502571.98
3634075.90        8.75166  (21012320)
        502621.98   3634075.90        8.93039  (21012320)                502671.98
3634075.90        9.11999  (21012320)
        504771.98   3634075.90        9.10264  (20081802)                504821.98
3634075.90        8.63759  (20081802)
        504871.98   3634075.90        7.50603  (20081802)                504921.98
3634075.90        6.65337  (20081802)
        504971.98   3634075.90        5.85471  (20081802)                505021.98
3634075.90        5.44323  (20081802)
        505071.98   3634075.90        5.35809  (20082105)                505121.98
3634075.90        5.69287  (20081603)
        505171.98   3634075.90        6.04078  (20081603)                505221.98
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3634075.90        6.10628  (20081603)
        502221.98   3634125.90        7.12016  (21012320)                502271.98
3634125.90        7.37113  (21012320)
        502321.98   3634125.90        7.59263  (21012320)                502371.98
3634125.90        7.83037  (21012320)
        502421.98   3634125.90        8.04712  (21012320)                502471.98
3634125.90        8.26034  (21012320)
        502521.98   3634125.90        8.46794  (21012320)                502571.98
3634125.90        8.67499  (21012320)
        502621.98   3634125.90        8.92086  (21012320)                502671.98
3634125.90        9.15649  (21012320)
        504771.98   3634125.90        8.48195  (20081802)                504821.98
3634125.90        8.10833  (20081802)
        504871.98   3634125.90        7.43645  (20081802)                504921.98
3634125.90        6.32992  (20081802)
        504971.98   3634125.90        5.98347  (20081802)                505021.98
3634125.90        5.61956  (20081802)
        505071.98   3634125.90        5.66412  (20081603)                505121.98
3634125.90        6.07462  (20081603)
        505171.98   3634125.90        6.33382  (20081603)                505221.98
3634125.90        6.41428  (20081603)
        502221.98   3634175.90        6.72776  (21012320)                502271.98
3634175.90        6.99936  (21012320)
        502321.98   3634175.90        7.25057  (21012320)                502371.98
3634175.90        7.59712  (21012320)
        502421.98   3634175.90        7.84676  (21012320)                502471.98
3634175.90        8.08991  (21012320)
        502521.98   3634175.90        8.31939  (21012320)                502571.98
3634175.90        8.55473  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 945
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 8.78609 | (21012320) | 502671.98 | 3634175.90 | 9.03481 | (21012320) |
| 504771.98 | 3634175.90 | 7.63916 | (20081802) | 504821.98 | 3634175.90 | 7.17413 | (20081802) |
| 504871.98 | 3634175.90 | 6.74487 | (20081802) | 504921.98 | 3634175.90 | 6.42864 | (20081802) |
| 504971.98 | 3634175.90 | 6.13607 | (20081802) | 505021.98 | 3634175.90 | 6.00965 | (20081802) |
| 505071.98 | 3634175.90 | 5.79983 | (20081603) | 505121.98 | 3634175.90 | 6.33511 | (20081603) |
| 505171.98 | 3634175.90 | 6.57829 | (20081603) | 505221.98 | 3634175.90 | 6.78060 | (20081603) |
| 502221.98 | 3634225.90 | 6.29378 | (21012320) | 502271.98 | 3634225.90 | 6.56945 | (21012320) |
| 502321.98 | 3634225.90 | 6.89667 | (21012320) | 502371.98 | 3634225.90 | 7.23607 | (21012320) |
| 502421.98 | 3634225.90 | 7.52959 | (21012320) | 502471.98 | 3634225.90 | 7.80854 | (21012320) |
| 502521.98 | 3634225.90 | 8.06799 | (21012320) | 502571.98 | 3634225.90 | 8.34153 | (21012320) |
| 502621.98 | 3634225.90 | 8.60122 | (21012320) | 502671.98 | 3634225.90 | 8.86616 | (21012320) |
| 504771.98 | 3634225.90 | 7.23096 | (20082921) | 504821.98 | 3634225.90 | 6.76220 | (20081802) |
| 504871.98 | 3634225.90 | 6.73401 | (20081802) | 504921.98 | 3634225.90 | 6.49636 | (20081802) |
| 504971.98 | 3634225.90 | 6.70361 | (20081802) | 505021.98 | 3634225.90 | 6.33893 | (20081802) |
| 505071.98 | 3634225.90 | 6.09697 | (20081603) | 505121.98 | 3634225.90 | 6.46290 | (20081603) |
| 505171.98 | 3634225.90 | 6.39002 | (20081603) | 505221.98 | 3634225.90 | 6.88490 | (20081603) |
| 502221.98 | 3634275.90 | 5.77493 | (21012320) | 502271.98 | 3634275.90 | 6.06879 | (21012320) |
| 502321.98 | 3634275.90 | 6.39579 | (21012320) | 502371.98 | 3634275.90 | 6.76424 | (21012320) |
| 502421.98 | 3634275.90 | 7.08105 | (21012320) | 502471.98 | 3634275.90 | 7.39000 | (21012320) |
| 502521.98 | 3634275.90 | 7.70005 | (21012320) | 502571.98 | 3634275.90 | 8.00236 | (21012320) |
| 502621.98 | 3634275.90 | 8.31255 | (21012320) | 502671.98 | 3634275.90 | 8.61534 | (21012320) |

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        504771.98   3634275.90        7.54333  (20082921)               504821.98
3634275.90        6.99272  (20081802)
        504871.98   3634275.90        6.88747  (20081802)               504921.98
3634275.90        6.97135  (20082805)
        504971.98   3634275.90        7.49808  (20082805)               505021.98
3634275.90        7.02640  (20082805)
        505071.98   3634275.90        6.87684  (20082805)               505121.98
3634275.90        7.18054  (20082805)
        505171.98   3634275.90        6.80141  (20082805)               505221.98
3634275.90        7.23691  (20082805)
        502221.98   3634325.90        5.19216  (21012320)               502271.98
3634325.90        5.50366  (21012320)
        502321.98   3634325.90        5.81843  (21012320)               502371.98
3634325.90        6.14196  (21012320)
        502421.98   3634325.90        6.46899  (21012320)               502471.98
3634325.90        6.79478  (21012320)
        502521.98   3634325.90        7.12862  (21012320)               502571.98
3634325.90        7.46209  (21012320)
        502621.98   3634325.90        7.79470  (21012320)               502671.98
3634325.90        8.13532  (21012320)
        504771.98   3634325.90        7.88926  (20082921)               504821.98
3634325.90        7.78016  (20081802)
        504871.98   3634325.90        7.76870  (20082805)               504921.98
3634325.90        8.10107  (20082805)
        504971.98   3634325.90        8.32425  (20082805)               505021.98
3634325.90        7.54620  (20082805)
        505071.98   3634325.90        7.36310  (20082805)               505121.98
3634325.90        7.82928  (20082805)
        505171.98   3634325.90        7.40606  (20082805)               505221.98
3634325.90        7.47457  (20082805)
        502221.98   3634375.90        4.83287  (19083104)               502271.98
3634375.90        4.90370  (19083104)
        502321.98   3634375.90        5.17095  (21012320)               502371.98
3634375.90        5.48079  (21012320)
        502421.98   3634375.90        5.83671  (21012320)               502471.98
3634375.90        6.20366  (21012320)
        502521.98   3634375.90        6.59121  (21012320)               502571.98
3634375.90        6.95485  (21012320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 946
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
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                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634375.90        7.28481  (21012320)               502671.98
3634375.90        7.59369  (21012320)
        504771.98   3634375.90        8.57850  (20082306)               504821.98
3634375.90        9.16068  (20082306)
        504871.98   3634375.90        9.20926  (20082306)               504921.98
3634375.90        9.52346  (20082306)
        504971.98   3634375.90        9.28540  (20082306)               505021.98
3634375.90        8.28328  (20082306)
        505071.98   3634375.90        8.17471  (20082306)               505121.98
3634375.90        8.79004  (20082306)
        505171.98   3634375.90        8.34132  (20082306)               505221.98
3634375.90        8.05025  (20082306)
        502221.98   3634425.90        4.92728  (19083104)               502271.98
3634425.90        4.99846  (19083104)
        502321.98   3634425.90        5.06698  (19083104)               502371.98
3634425.90        5.13810  (19083104)
        502421.98   3634425.90        5.21444  (19083104)               502471.98
3634425.90        5.51902  (21012320)
        502521.98   3634425.90        5.88378  (21012320)               502571.98
3634425.90        6.25497  (21012320)
        502621.98   3634425.90        6.63887  (21012320)               502671.98
3634425.90        7.02727  (21012320)
        504771.98   3634425.90        9.25459  (20082306)               504821.98
3634425.90        9.74743  (20082304)
        504871.98   3634425.90       10.69539  (20082306)               504921.98
3634425.90       11.28470  (20082306)
        504971.98   3634425.90       10.19081  (20082306)               505021.98
3634425.90        9.71724  (20082306)
        505071.98   3634425.90        9.86701  (20082306)               505121.98
3634425.90        9.81362  (20082306)
        505171.98   3634425.90        9.28814  (20082306)               505221.98
3634425.90        8.84093  (20082306)
        502221.98   3634475.90        5.00470  (19083104)               502271.98
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3634475.90        5.07609  (19083104)
        502321.98   3634475.90        5.14714  (19083104)                502371.98
3634475.90        5.21953  (19083104)
        502421.98   3634475.90        5.29327  (19083104)                502471.98
3634475.90        5.36716  (19083104)
        502521.98   3634475.90        5.44852  (19083104)                502571.98
3634475.90        5.53023  (19083104)
        502621.98   3634475.90        5.85386  (21012320)                502671.98
3634475.90        6.25229  (21012320)
        504771.98   3634475.90       10.09146  (20082304)                504821.98
3634475.90       10.02465  (20082304)
        504871.98   3634475.90       11.09183  (20082304)                504921.98
3634475.90       12.81854  (20082306)
        504971.98   3634475.90       11.99674  (20082306)                505021.98
3634475.90       11.51850  (20082306)
        505071.98   3634475.90       11.32467  (20082306)                505121.98
3634475.90       10.80049  (20082306)
        505171.98   3634475.90       10.16916  (20082306)                505221.98
3634475.90        9.62255  (20082306)
        502221.98   3634525.90        5.07639  (19083104)                502271.98
3634525.90        5.15123  (19083104)
        502321.98   3634525.90        5.22745  (19083104)                502371.98
3634525.90        5.30530  (19083104)
        502421.98   3634525.90        5.38211  (19083104)                502471.98
3634525.90        5.46095  (19083104)
        502521.98   3634525.90        5.54012  (19083104)                502571.98
3634525.90        5.62359  (19083104)
        502621.98   3634525.90        5.70848  (19083104)                502671.98
3634525.90        5.80231  (19083104)
        504771.98   3634525.90       11.99283  (20081806)                504821.98
3634525.90       11.25037  (20082304)
        504871.98   3634525.90       12.20099  (20082304)                504921.98
3634525.90       14.16856  (20082306)
        504971.98   3634525.90       14.25264  (20082306)                505021.98
3634525.90       13.40746  (20082306)
        505071.98   3634525.90       12.67973  (20082306)                505121.98
3634525.90       11.74031  (20082306)
        505171.98   3634525.90       10.82550  (20082306)                505221.98
3634525.90       10.02417  (20082306)
        502221.98   3634575.90        5.13281  (19083104)                502271.98
3634575.90        5.20950  (19083104)
        502321.98   3634575.90        5.29334  (19083104)                502371.98
3634575.90        5.37966  (19083104)
        502421.98   3634575.90        5.46685  (19083104)                502471.98
3634575.90        5.55508  (19083104)
        502521.98   3634575.90        5.64202  (19083104)                502571.98
3634575.90        5.73086  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634575.90 | 5.82137 | (19083104) | 502671.98 | 3634575.90 | 5.91768 | (19083104) |
| 504771.98 | 3634575.90 | 17.35901 | (20082303) | 504821.98 | 3634575.90 | 15.37923 | (20082303) |
| 504871.98 | 3634575.90 | 15.93147 | (20081806) | 504921.98 | 3634575.90 | 17.11708 | (20081806) |
| 504971.98 | 3634575.90 | 16.07116 | (20081806) | 505021.98 | 3634575.90 | 14.48755 | (20081806) |
| 505071.98 | 3634575.90 | 13.30863 | (20082306) | 505121.98 | 3634575.90 | 12.36971 | (20082306) |
| 505171.98 | 3634575.90 | 10.73586 | (20082306) | 505221.98 | 3634575.90 | 9.97344 | (20082306) |
| 502221.98 | 3634625.90 | 5.14192 | (19083104) | 502271.98 | 3634625.90 | 5.23845 | (19083104) |
| 502321.98 | 3634625.90 | 5.32543 | (19083104) | 502371.98 | 3634625.90 | 5.42409 | (19083104) |
| 502421.98 | 3634625.90 | 5.52335 | (19083104) | 502471.98 | 3634625.90 | 5.62454 | (19083104) |
| 502521.98 | 3634625.90 | 5.73252 | (19083104) | 502571.98 | 3634625.90 | 5.83320 | (19083104) |
| 502621.98 | 3634625.90 | 5.93566 | (19083104) | 502671.98 | 3634625.90 | 6.03680 | (19083104) |
| 504771.98 | 3634625.90 | 23.07100 | (20082303) | 504821.98 | 3634625.90 | 23.39010 | (20081401) |

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        504871.98   3634625.90       21.51138  (21012820)                504921.98
3634625.90       19.59529  (20082306)
        504971.98   3634625.90       17.43044  (20081806)                505021.98
3634625.90       15.64990  (20081806)
        505071.98   3634625.90       14.05630  (20081806)                505121.98
3634625.90       12.97084  (20081806)
        505171.98   3634625.90       10.68597  (20081806)                505221.98
3634625.90        9.70327  (20082304)
        502221.98   3634675.90        5.08426  (19083104)                502271.98
3634675.90        5.20382  (19083104)
        502321.98   3634675.90        5.31941  (19083104)                502371.98
3634675.90        5.43130  (19083104)
        502421.98   3634675.90        5.54770  (19083104)                502471.98
3634675.90        5.66431  (19083104)
        502521.98   3634675.90        5.78082  (19083104)                502571.98
3634675.90        5.90033  (19083104)
        502621.98   3634675.90        6.01931  (19083104)                502671.98
3634675.90        6.13388  (19083104)
        504771.98   3634675.90       22.13594  (20082303)                504821.98
3634675.90       19.87605  (20082303)
        504871.98   3634675.90       23.94606  (20081401)                504921.98
3634675.90       21.71454  (20081401)
        504971.98   3634675.90       19.22637  (20081806)                505021.98
3634675.90       16.58513  (20081806)
        505071.98   3634675.90       14.20303  (20081806)                505121.98
3634675.90       13.23119  (20081806)
        505171.98   3634675.90       11.33711  (20081806)                505221.98
3634675.90       10.17442  (20081806)
        502221.98   3634725.90        4.95512  (19083104)                502271.98
3634725.90        5.08531  (19083104)
        502321.98   3634725.90        5.20691  (19083104)                502371.98
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3634725.90        5.61411  (19083104)
        502521.98   3634725.90        5.74698  (19083104)                502571.98
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3634725.90        6.17014  (19083104)
        504771.98   3634725.90       25.09509  (20082303)                504821.98
3634725.90       34.10793  (20082303)
        504871.98   3634725.90       30.73459  (20081401)                504921.98
3634725.90       23.86588  (20081401)
        504971.98   3634725.90       20.14063  (20082303)                505021.98
3634725.90       17.42786  (20082303)
        505071.98   3634725.90       15.50390  (20082303)                505121.98
3634725.90       14.07556  (20082303)
        505171.98   3634725.90       11.98627  (20082303)                505221.98
3634725.90       10.92559  (20082303)
        502221.98   3634775.90        4.75049  (19083104)                502271.98
3634775.90        4.89168  (19083104)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        504871.98   3634775.90       34.26671  (20081401)                504921.98
3634775.90       25.26466  (20082024)
        504971.98   3634775.90       21.10032  (20082024)                505021.98
3634775.90       17.44338  (20082303)
        505071.98   3634775.90       16.21512  (20082303)                505121.98
3634775.90       15.01983  (20082303)
        505171.98   3634775.90       12.73232  (20082303)                505221.98
3634775.90       11.52592  (20082303)
        502221.98   3634825.90        4.45632  (19083104)                502271.98
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        502621.98   3634825.90        5.72435  (19083104)                502671.98
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3634825.90       27.68637  (20082024)
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        502621.98   3634875.90        5.38134  (19083104)                502671.98
3634875.90        5.57370  (19083104)
        504771.98   3634875.90       38.85583  (20082303)                504821.98
3634875.90       32.30027  (20082303)
        504871.98   3634875.90       42.60247  (19030707)                504921.98
3634875.90       31.02456  (20082106)
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3634875.90       17.45169  (20082106)
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3634875.90       12.42639  (20082303)
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        502321.98   3634925.90        4.13200  (21021102)                502371.98
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        502421.98   3634925.90        4.25888  (21021102)                502471.98
3634925.90        4.38963  (19083104)
        502521.98   3634925.90        4.55991  (19083104)                502571.98
3634925.90        4.73617  (19083104)
        502621.98   3634925.90        4.91891  (19083104)                502671.98
3634925.90        5.11467  (19083104)
        504771.98   3634925.90       47.55311  (20082303)                504821.98
3634925.90       37.34424  (20082303)
        504871.98   3634925.90       55.59762  (19030707)                504921.98
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        502621.98   3634975.90        4.58050  (21021102)                502671.98
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3634975.90       61.07540  (19102623)
        504921.98   3634975.90       47.54580  (20082302)                504971.98
3634975.90       30.68438  (21011602)

505021.98 3634975.90 23.80509 (21011602) 505071.98
3634975.90 19.89947 (21011602)
505121.98 3634975.90 19.11971 (21011602) 505171.98
3634975.90 17.55614 (20082106)
505221.98 3634975.90 15.80308 (20082106) 502221.98
3635025.90 4.15399 (21021102)
502271.98 3635025.90 4.20641 (21021102) 502321.98
3635025.90 4.26689 (21021102)
502371.98 3635025.90 4.32937 (21021102) 502421.98
3635025.90 4.39735 (21021102)
502471.98 3635025.90 4.46574 (21021102) 502521.98
3635025.90 4.53796 (21021102)
502571.98 3635025.90 4.61081 (21021102) 502621.98
3635025.90 4.68736 (21021102)
502671.98 3635025.90 4.76543 (21021102) 504871.98
3635025.90 60.61860 (19102623)
504921.98 3635025.90 61.14400 (19102623) 504971.98
3635025.90 39.83600 (20082301)
505021.98 3635025.90 27.68256 (20082301) 505071.98
3635025.90 23.79589 (21011602)
505121.98 3635025.90 24.06583 (21011602) 505171.98
3635025.90 22.29904 (21011602)
505221.98 3635025.90 19.68480 (20082106) 502221.98
3635075.90 4.28292 (21021102)
502271.98 3635075.90 4.34157 (21021102) 502321.98
3635075.90 4.41320 (21021102)
502371.98 3635075.90 4.47993 (21021102) 502421.98
3635075.90 4.55366 (21021102)
502471.98 3635075.90 4.62830 (21021102) 502521.98
3635075.90 4.70413 (21021102)
502571.98 3635075.90 4.78118 (21021102) 502621.98
3635075.90 4.86007 (21021102)
502671.98 3635075.90 4.94565 (21021102) 504921.98
3635075.90 89.40659 (19102623)
504971.98 3635075.90 57.04279 (20082301) 505021.98
3635075.90 37.69272 (20082301)
505071.98 3635075.90 31.79053 (20082301) 505121.98
3635075.90 29.54561 (20082302)
505171.98 3635075.90 29.19674 (20082302) 505221.98
3635075.90 26.03240 (21011602)
502221.98 3635125.90 4.45295 (21021102) 502271.98
3635125.90 4.51564 (21021102)
502321.98 3635125.90 4.59515 (21021102) 502371.98
3635125.90 4.67139 (21021102)
502421.98 3635125.90 4.75142 (21021102) 502471.98
3635125.90 4.83541 (21021102)
502521.98 3635125.90 4.91816 (21021102) 502571.98
3635125.90 5.00334 (21021102)
502621.98 3635125.90 5.09292 (21021102) 502671.98
3635125.90 5.18481 (21021102)

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        505021.98   3635125.90       59.58986  (20082301)                505071.98
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        505121.98   3635125.90       50.59332  (21091903)                505171.98
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        505221.98   3635125.90       33.67239  (20020404)                502221.98
3635175.90        4.64039  (21021102)
        502271.98   3635175.90        4.71104  (21021102)                502321.98
3635175.90        4.79812  (21021102)
        502371.98   3635175.90        4.88471  (21021102)                502421.98
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        502471.98   3635175.90        5.06655  (21021102)                502521.98
3635175.90        5.16179  (21021102)
        502571.98   3635175.90        5.25645  (21021102)                502621.98
3635175.90        5.35338  (21021102)
        502671.98   3635175.90        5.45927  (21021102)                505121.98
3635175.90       49.67097  (19102623)
        505171.98   3635175.90       52.05928  (20022105)                505221.98
3635175.90       55.12871  (19030707)
        502221.98   3635225.90        4.81623  (21021102)                502271.98
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        502321.98   3635225.90        4.98921  (21021102)                502371.98
3635225.90        5.08349  (21021102)
        502421.98   3635225.90        5.18150  (21021102)                502471.98
3635225.90        5.28264  (21021102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 950
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
```

3635475.90        4.70604  (21021102)
        502371.98   3635475.90        4.77954  (21021102)                502421.98
3635475.90        4.85526  (21021102)
        502471.98   3635475.90        5.37659  (21011719)                502521.98
3635475.90        5.01063  (21021102)
        502571.98   3635475.90        5.09071  (21021102)                502621.98
3635475.90        5.17314  (21021102)
        502671.98   3635475.90        5.26087  (21021102)                504771.98
3635475.90       19.25529  (21011719)
        504821.98   3635475.90       20.17686  (21011719)                504871.98
3635475.90       21.09333  (21013118)
        504921.98   3635475.90       22.26513  (21013118)                502221.98
3635525.90        4.86393  (21011719)
        502271.98   3635525.90        4.25065  (21021102)                502321.98
3635525.90        4.30488  (21021102)
        502371.98   3635525.90        4.35957  (21021102)                502421.98
3635525.90        4.41650  (21021102)
        502471.98   3635525.90        5.05430  (21011719)                502521.98
3635525.90        4.53138  (21021102)
        502571.98   3635525.90        4.58824  (21021102)                502621.98
3635525.90        4.67744  (21011719)
        502671.98   3635525.90        5.54574  (21011719)                502721.98
3635525.90        5.68206  (21011719)
        502771.98   3635525.90        5.78201  (21011719)                502821.98
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3635525.90        5.05998  (20122320)
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3635525.90        5.22551  (21012023)
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3635525.90        5.27610  (21021102)
        503171.98   3635525.90        5.34176  (21021102)                503221.98
3635525.90        5.51713  (19050903)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                    INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                   L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                   L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                   L0001016    , L0001017    , L0001018    , L0001019    , L0001020

, L0001021    , L0001022    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 5.70771 | (19050903) | 503321.98 | 3635525.90 | 5.89317 | (19050903) |
| 503371.98 | 3635525.90 | 6.05156 | (19050903) | 503421.98 | 3635525.90 | 6.27036 | (19050903) |
| 503471.98 | 3635525.90 | 6.80977 | (20042421) | 503521.98 | 3635525.90 | 7.12952 | (20042421) |
| 503571.98 | 3635525.90 | 6.98576 | (19050903) | 503621.98 | 3635525.90 | 7.32009 | (19050903) |
| 503671.98 | 3635525.90 | 7.59995 | (19050903) | 503721.98 | 3635525.90 | 7.90111 | (19050903) |
| 503771.98 | 3635525.90 | 8.20448 | (19050903) | 503821.98 | 3635525.90 | 8.44506 | (19050903) |
| 503871.98 | 3635525.90 | 8.86448 | (19050903) | 503921.98 | 3635525.90 | 9.16578 | (19050903) |
| 503971.98 | 3635525.90 | 9.44821 | (19050903) | 504021.98 | 3635525.90 | 9.89325 | (19050903) |
| 504071.98 | 3635525.90 | 10.21195 | (19050903) | 504121.98 | 3635525.90 | 10.55430 | (19050903) |
| 504171.98 | 3635525.90 | 10.90539 | (19050903) | 504221.98 | 3635525.90 | 11.20414 | (19050903) |
| 504271.98 | 3635525.90 | 11.55452 | (19050903) | 504321.98 | 3635525.90 | 11.85738 | (19050903) |
| 504371.98 | 3635525.90 | 12.12811 | (19050903) | 504421.98 | 3635525.90 | 12.37848 | (19050903) |
| 504471.98 | 3635525.90 | 12.58920 | (19050903) | 504521.98 | 3635525.90 | 13.29837 | (21011719) |
| 504571.98 | 3635525.90 | 14.22451 | (21011719) | 504621.98 | 3635525.90 | 15.12079 | (21011719) |
| 504671.98 | 3635525.90 | 15.97540 | (21011719) | 504721.98 | 3635525.90 | 16.76321 | (21011719) |
| 504771.98 | 3635525.90 | 17.40118 | (21011719) | 504821.98 | 3635525.90 | 18.01611 | (21011719) |
| 504871.98 | 3635525.90 | 19.01251 | (21013118) | 504921.98 | 3635525.90 | 20.16693 | (21013118) |
| 504971.98 | 3635525.90 | 20.70409 | (21013118) | 505021.98 | 3635525.90 | 20.55992 | (21013118) |
| 505071.98 | 3635525.90 | 23.99144 | (20011620) | 505121.98 | 3635525.90 | 30.28478 | (20011620) |

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        505171.98   3635525.90       34.51663  (20011620)                505221.98
3635525.90       35.09195  (20011620)
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3635575.90        4.74027  (21011719)
        502321.98   3635575.90        3.82272  (21021102)                502371.98
3635575.90        4.00338  (21011719)
        502421.98   3635575.90        4.98082  (21011719)                502471.98
3635575.90        4.87287  (21011719)
        502521.98   3635575.90        3.95313  (21021102)                502571.98
3635575.90        4.35126  (21011719)
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3635575.90        5.49823  (21011719)
        502721.98   3635575.90        5.56860  (21011719)                502771.98
3635575.90        5.67734  (21011719)
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        502921.98   3635575.90        5.90369  (21011719)                502971.98
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        503021.98   3635575.90        6.07162  (21011719)                503071.98
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        503121.98   3635575.90        5.37353  (19050903)                503171.98
3635575.90        5.54101  (19050903)
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3635575.90        6.26432  (20042421)
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3635575.90        6.76869  (20042421)
        503421.98   3635575.90        6.92950  (20042421)                503471.98
3635575.90        7.32549  (20042421)
        503521.98   3635575.90        7.48871  (20042421)                503571.98
3635575.90        7.36948  (20042421)
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3635575.90        8.18927  (19050903)
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3635575.90        8.70730  (19050903)
        503921.98   3635575.90        8.92432  (19050903)                503971.98
3635575.90        9.14458  (19050903)
        504021.98   3635575.90        9.45080  (19050903)                504071.98
3635575.90        9.67390  (19050903)
        504121.98   3635575.90        9.89172  (19050903)                504171.98
3635575.90       10.09282  (19050903)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 952
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***

INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 10.26455 | (19050903) | 504271.98 | 3635575.90 | 10.39701 | (19050903) |
| 504321.98 | 3635575.90 | 10.53685 | (19050903) | 504371.98 | 3635575.90 | 10.92841 | (21011719) |
| 504421.98 | 3635575.90 | 11.62203 | (21011719) | 504471.98 | 3635575.90 | 12.28271 | (21011719) |
| 504521.98 | 3635575.90 | 12.98215 | (21011719) | 504571.98 | 3635575.90 | 13.62098 | (21011719) |
| 504621.98 | 3635575.90 | 14.27447 | (21011719) | 504671.98 | 3635575.90 | 14.79591 | (21011719) |
| 504721.98 | 3635575.90 | 15.27250 | (21011719) | 504771.98 | 3635575.90 | 15.73252 | (21011719) |
| 504821.98 | 3635575.90 | 16.18880 | (21011719) | 504871.98 | 3635575.90 | 17.23620 | (21013118) |
| 504921.98 | 3635575.90 | 18.38580 | (21013118) | 504971.98 | 3635575.90 | 19.01925 | (21013118) |
| 505021.98 | 3635575.90 | 18.94533 | (21013118) | 505071.98 | 3635575.90 | 18.12199 | (21011719) |
| 505121.98 | 3635575.90 | 30.85962 | (21090701) | 505171.98 | 3635575.90 | 28.44710 | (20011620) |
| 505221.98 | 3635575.90 | 33.11806 | (20011620) | 502221.98 | 3635625.90 | 5.01748 | (19012720) |
| 502271.98 | 3635625.90 | 4.79805 | (21011719) | 502321.98 | 3635625.90 | 4.90611 | (21011719) |
| 502371.98 | 3635625.90 | 4.80475 | (21011719) | 502421.98 | 3635625.90 | 4.99536 | (21011719) |
| 502471.98 | 3635625.90 | 5.05156 | (21011719) | 502521.98 | 3635625.90 | 5.12498 | (21011719) |
| 502571.98 | 3635625.90 | 5.28406 | (21011719) | 502621.98 | | | |

3635625.90 5.00983 (21011719)
502671.98 3635625.90 5.41369 (21011719) 502721.98
3635625.90 5.46805 (21011719)
502771.98 3635625.90 5.54194 (21011719) 502821.98
3635625.90 5.60856 (21011719)
502871.98 3635625.90 5.67536 (21011719) 502921.98
3635625.90 5.74372 (21011719)
502971.98 3635625.90 5.81203 (21011719) 503021.98
3635625.90 5.89180 (19012005)
503071.98 3635625.90 5.98820 (19012005) 503121.98
3635625.90 6.07846 (19012005)
503171.98 3635625.90 6.24003 (19091321) 503221.98
3635625.90 6.51938 (20012222)
503271.98 3635625.90 6.55011 (20042421) 503321.98
3635625.90 6.71765 (20042421)
503371.98 3635625.90 6.87925 (20042421) 503421.98
3635625.90 7.02845 (20042421)
503471.98 3635625.90 9.43785 (19120121) 503521.98
3635625.90 10.31386 (19120121)
503571.98 3635625.90 7.50823 (20042421) 503621.98
3635625.90 7.29088 (20042421)
503671.98 3635625.90 7.41777 (19050903) 503721.98
3635625.90 7.61228 (19050903)
503771.98 3635625.90 7.79811 (19050903) 503821.98
3635625.90 8.01071 (19050903)
503871.98 3635625.90 8.30689 (19050903) 503921.98
3635625.90 8.44888 (19050903)
503971.98 3635625.90 8.57967 (19050903) 504021.98
3635625.90 8.71412 (19050903)
504071.98 3635625.90 8.81464 (19050903) 504121.98
3635625.90 8.90507 (19050903)
504171.98 3635625.90 8.97495 (19050903) 504221.98
3635625.90 9.15747 (21011719)
504271.98 3635625.90 9.72575 (21011719) 504321.98
3635625.90 10.27584 (21011719)
504371.98 3635625.90 10.85996 (21011719) 504421.98
3635625.90 11.44230 (21011719)
504471.98 3635625.90 11.96411 (21011719) 504521.98
3635625.90 12.45148 (21011719)
504571.98 3635625.90 12.86126 (21011719) 504621.98
3635625.90 13.25941 (21011719)
504671.98 3635625.90 13.61119 (21011719) 504721.98
3635625.90 13.96877 (21011719)
504771.98 3635625.90 14.32199 (21011719) 504821.98
3635625.90 14.65505 (21011719)
504871.98 3635625.90 15.74782 (21013118) 504921.98
3635625.90 16.87330 (21013118)
504971.98 3635625.90 17.58286 (21013118) 505021.98
3635625.90 17.46306 (21013118)
505071.98 3635625.90 16.65350 (21013118) 505121.98

*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 22.71058 | (20011620) | 505221.98 | 3635625.90 | 26.61681 | (20011620) |
| 502221.98 | 3635675.90 | 5.98487 | (20012222) | 502271.98 | 3635675.90 | 4.95669 | (19012720) |
| 502321.98 | 3635675.90 | 4.92032 | (19012720) | 502371.98 | 3635675.90 | 4.84030 | (21011719) |
| 502421.98 | 3635675.90 | 4.96692 | (19012720) | 502471.98 | 3635675.90 | 4.98705 | (19012720) |
| 502521.98 | 3635675.90 | 5.03480 | (21011719) | 502571.98 | 3635675.90 | 5.15066 | (21011719) |
| 502621.98 | 3635675.90 | 5.25219 | (21011719) | 502671.98 | 3635675.90 | 5.32540 | (21011719) |
| 502721.98 | 3635675.90 | 5.35734 | (21011719) | 502771.98 | 3635675.90 | 5.42461 | (21052423) |
| 502821.98 | 3635675.90 | 5.51790 | (21052423) | 502871.98 | 3635675.90 | 5.59511 | (21052423) |
| 502921.98 | 3635675.90 | 8.07173 | (20012222) | 502971.98 | 3635675.90 | 7.82325 | (20012222) |
| 503021.98 | 3635675.90 | 8.66383 | (20012222) | 503071.98 | 3635675.90 | 8.80419 | (19091802) |

503121.98 3635675.90 9.52384 (19091802) 503171.98 3635675.90 10.09298 (19120121)
503221.98 3635675.90 9.59458 (19120121) 503271.98 3635675.90 9.78605 (19120121)
503321.98 3635675.90 10.27334 (19120121) 503371.98 3635675.90 10.42241 (19120121)
503421.98 3635675.90 9.96925 (19120121) 503471.98 3635675.90 11.16659 (19120121)
503521.98 3635675.90 12.20512 (19120121) 503571.98 3635675.90 9.56441 (19120121)
503621.98 3635675.90 7.47709 (20042421) 503671.98 3635675.90 7.38781 (20101023)
503721.98 3635675.90 7.80754 (20101023) 503771.98 3635675.90 8.03276 (20101023)
503821.98 3635675.90 7.90003 (20101023) 503871.98 3635675.90 7.70610 (20101023)
503921.98 3635675.90 8.12073 (19031924) 503971.98 3635675.90 8.19036 (19031924)
504021.98 3635675.90 7.74348 (19050903) 504071.98 3635675.90 7.80521 (21011719)
504121.98 3635675.90 8.25703 (21011719) 504171.98 3635675.90 8.74429 (21011719)
504221.98 3635675.90 9.24735 (21011719) 504271.98 3635675.90 9.74946 (21011719)
504321.98 3635675.90 10.22078 (21011719) 504371.98 3635675.90 10.65310 (21011719)
504421.98 3635675.90 11.06500 (21011719) 504471.98 3635675.90 11.44914 (21011719)
504521.98 3635675.90 11.78166 (21011719) 504571.98 3635675.90 12.04160 (21011719)
504621.98 3635675.90 12.33027 (21011719) 504671.98 3635675.90 12.57288 (21011719)
504721.98 3635675.90 12.82089 (21011719) 504771.98 3635675.90 13.10861 (21011719)
504821.98 3635675.90 13.30131 (21011719) 504871.98 3635675.90 14.48001 (21013118)
504921.98 3635675.90 15.56235 (21013118) 504971.98 3635675.90 16.31440 (21013118)
505021.98 3635675.90 16.42288 (21013118) 505071.98 3635675.90 15.80088 (21013118)
505121.98 3635675.90 14.83794 (21013118) 505171.98 3635675.90 17.92912 (20011620)
505221.98 3635675.90 21.85439 (20011620) 502221.98 3635725.90 6.84440 (20012222)
502271.98 3635725.90 4.93355 (19012720) 502321.98 3635725.90 4.92599 (19012720)
502371.98 3635725.90 4.77432 (21011719) 502421.98 3635725.90 4.96196 (19012720)
502471.98 3635725.90 4.95406 (19012720) 502521.98 3635725.90 5.04895 (19012720)

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        502571.98   3635725.90        5.06960  (21011719)               502621.98
3635725.90        5.16817  (21011719)
        502671.98   3635725.90        5.21059  (21011719)               502721.98
3635725.90        5.24777  (21011719)
        502771.98   3635725.90        5.35831  (21052423)               502821.98
3635725.90        5.53752  (19120121)
        502871.98   3635725.90        6.47527  (19120121)               502921.98
3635725.90        9.07109  (19120121)
        502971.98   3635725.90        9.62178  (19120121)               503021.98
3635725.90       10.86583  (19120121)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 954
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        503071.98   3635725.90       11.03064  (19120121)               503121.98
3635725.90       11.23817  (19120121)
        503171.98   3635725.90       11.37945  (19120121)               503221.98
3635725.90       11.03046  (19120121)
        503271.98   3635725.90       11.22759  (19120121)               503321.98
3635725.90       11.47528  (19120121)
        503371.98   3635725.90       11.54817  (19120121)               503421.98
3635725.90       10.95026  (19120121)
        503471.98   3635725.90       10.91222  (19120121)               503521.98
3635725.90       11.45876  (20021521)
        503571.98   3635725.90        9.24543  (20021521)               503621.98
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3635725.90        8.35419  (20021521)
        503671.98   3635725.90        7.48455  (20101023)                503721.98
3635725.90        7.84457  (20101023)
        503771.98   3635725.90        8.03133  (20101023)                503821.98
3635725.90        7.90195  (20101023)
        503871.98   3635725.90        7.70912  (19031924)                503921.98
3635725.90        8.01353  (19031924)
        503971.98   3635725.90        8.18361  (19031924)                504021.98
3635725.90        7.54908  (21011719)
        504071.98   3635725.90        7.96678  (21011719)                504121.98
3635725.90        8.39132  (21011719)
        504171.98   3635725.90        8.82275  (21011719)                504221.98
3635725.90        9.25597  (21011719)
        504271.98   3635725.90        9.64842  (21011719)                504321.98
3635725.90        9.98746  (21011719)
        504371.98   3635725.90       10.30120  (21011719)                504421.98
3635725.90       10.56731  (21011719)
        504471.98   3635725.90       10.82606  (21011719)                504521.98
3635725.90       11.05402  (21011719)
        504571.98   3635725.90       11.24821  (21011719)                504621.98
3635725.90       11.44825  (21011719)
        504671.98   3635725.90       11.63444  (21011719)                504721.98
3635725.90       11.77875  (21011719)
        504771.98   3635725.90       11.90995  (21011719)                504821.98
3635725.90       12.27968  (21013118)
        504871.98   3635725.90       13.37871  (21013118)                504921.98
3635725.90       14.41011  (21013118)
        504971.98   3635725.90       15.18434  (21013118)                505021.98
3635725.90       15.46197  (21013118)
        505071.98   3635725.90       15.06157  (21013118)                505121.98
3635725.90       14.22888  (21013118)
        505171.98   3635725.90       13.95970  (20011620)                505221.98
3635725.90       17.53824  (20011620)
        502221.98   3635775.90        6.74822  (20012222)                502271.98
3635775.90        4.85841  (19012720)
        502321.98   3635775.90        4.89961  (19012720)                502371.98
3635775.90        4.75562  (19012720)
        502421.98   3635775.90        4.89848  (19012720)                502471.98
3635775.90        4.91397  (19012720)
        502521.98   3635775.90        4.96037  (21052423)                502571.98
3635775.90        4.99217  (21052423)
        502621.98   3635775.90        5.02380  (21052423)                502671.98
3635775.90        5.10149  (21052423)
        502721.98   3635775.90        5.14480  (21011719)                502771.98
3635775.90        5.21328  (19012005)
        502821.98   3635775.90        5.63128  (19120121)                502871.98
3635775.90        7.34381  (19120121)
        502921.98   3635775.90        9.71452  (19120121)                502971.98
3635775.90       10.21730  (19120121)
        503021.98   3635775.90       10.30075  (20021521)                503071.98
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3635775.90       10.52460  (20021521)
        503121.98   3635775.90       10.68365  (20021521)                503171.98
3635775.90       10.95515  (20021521)
        503221.98   3635775.90       10.02567  (20021521)                503271.98
3635775.90        9.94866  (19050903)
        503321.98   3635775.90       10.21448  (21012721)                503371.98
3635775.90       11.27836  (21012721)
        503421.98   3635775.90       11.73968  (20021521)                503471.98
3635775.90       11.67488  (20021521)
        503521.98   3635775.90       11.98699  (21012721)                503571.98
3635775.90       11.86903  (21012721)
        503621.98   3635775.90       11.41941  (21012721)                503671.98
3635775.90        8.35062  (21121021)
        503721.98   3635775.90        7.68695  (20101023)                503771.98
3635775.90        7.90413  (20101023)
        503821.98   3635775.90        8.01383  (19031924)                503871.98
3635775.90        8.25933  (19031924)
        503921.98   3635775.90        8.60797  (19031924)                503971.98
3635775.90        8.71753  (19031924)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                 INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                 L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                 L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                 L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504021.98   3635775.90        7.57173  (21011719)                504071.98
3635775.90        8.27196  (19101219)

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        504121.98   3635775.90        8.44279  (21011719)              504171.98
3635775.90        8.78714  (21011719)
        504221.98   3635775.90        9.10844  (21011719)              504271.98
3635775.90        9.38928  (21011719)
        504321.98   3635775.90        9.62092  (21011719)              504371.98
3635775.90        9.82552  (21011719)
        504421.98   3635775.90       10.00675  (21011719)              504471.98
3635775.90       10.18467  (21011719)
        504521.98   3635775.90       10.34341  (21011719)              504571.98
3635775.90       10.47880  (21011719)
        504621.98   3635775.90       10.60779  (21011719)              504671.98
3635775.90       10.70452  (21011719)
        504721.98   3635775.90       10.76719  (21011719)              504771.98
3635775.90       10.80256  (21011719)
        504821.98   3635775.90       11.43482  (21013118)              504871.98
3635775.90       12.42979  (21013118)
        504921.98   3635775.90       13.39443  (21013118)              504971.98
3635775.90       14.17599  (21013118)
        505021.98   3635775.90       14.54713  (21013118)              505071.98
3635775.90       14.33365  (21013118)
        505121.98   3635775.90       13.65336  (21013118)              505171.98
3635775.90       12.62308  (21013118)
        505221.98   3635775.90       13.92652  (20011620)              502221.98
3635825.90        6.83477  (19091802)
        502271.98   3635825.90        5.13445  (19120121)              502321.98
3635825.90        4.81630  (19012720)
        502371.98   3635825.90        4.70982  (21052423)              502421.98
3635825.90        4.81062  (19012720)
        502471.98   3635825.90        4.83558  (21052423)              502521.98
3635825.90        4.88796  (21052423)
        502571.98   3635825.90        4.94413  (21052423)              502621.98
3635825.90        4.98614  (21052423)
        502671.98   3635825.90        5.04644  (21052423)              502721.98
3635825.90        5.12418  (21052423)
        502771.98   3635825.90        5.18355  (21052423)              502821.98
3635825.90        6.34615  (19120121)
        502871.98   3635825.90        7.75249  (19120121)              502921.98
3635825.90        9.86184  (20021521)
        502971.98   3635825.90       10.08715  (20021521)              503021.98
3635825.90        9.68073  (20021521)
        503071.98   3635825.90        9.57083  (21012721)              503121.98
3635825.90        9.78966  (21012721)
        503171.98   3635825.90       10.08860  (21012721)              503221.98
3635825.90        9.25227  (19050903)
        503271.98   3635825.90        9.26083  (19040204)              503321.98
3635825.90        9.47199  (21121021)
        503371.98   3635825.90       10.62403  (21121021)              503421.98
3635825.90       11.10381  (21121021)
        503471.98   3635825.90       11.42444  (21121021)              503521.98
3635825.90       10.10651  (21121021)
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        503571.98   3635825.90       10.40390  (21121021)               503621.98
3635825.90       11.37662  (21121021)
        503671.98   3635825.90       11.23744  (21121021)               503721.98
3635825.90        9.47322  (21121021)
        503771.98   3635825.90        7.71140  (20101023)               503821.98
3635825.90        7.94295  (19031924)
        503871.98   3635825.90        8.17940  (19031924)               503921.98
3635825.90        8.37909  (19031924)
        503971.98   3635825.90        8.59408  (19031924)               504021.98
3635825.90        7.96556  (19031924)
        504071.98   3635825.90        8.95573  (19101219)               504121.98
3635825.90        9.08197  (19101219)
        504171.98   3635825.90        8.57851  (19101219)               504221.98
3635825.90        8.67919  (20071102)
        504271.98   3635825.90        9.27566  (20071102)               504321.98
3635825.90        9.05446  (21011719)
        504371.98   3635825.90        9.30956  (21011719)               504421.98
3635825.90        9.43309  (21011719)
        504471.98   3635825.90        9.54935  (21011719)               504521.98
3635825.90        9.65011  (21011719)
        504571.98   3635825.90        9.71823  (21011719)               504621.98
3635825.90        9.76749  (21011719)
        504671.98   3635825.90        9.78018  (21011719)               504721.98
3635825.90        9.83771  (21012024)
        504771.98   3635825.90        9.86888  (21012024)               504821.98
3635825.90       10.68622  (21013118)
        504871.98   3635825.90       11.59631  (21013118)               504921.98
3635825.90       12.49626  (21013118)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 956
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504971.98 | 3635825.90 | 13.25464 | (21013118) | 505021.98 | 3635825.90 | 13.68956 | (21013118) |
| 505071.98 | 3635825.90 | 13.66973 | (21013118) | 505121.98 | 3635825.90 | 13.13189 | (21013118) |
| 505171.98 | 3635825.90 | 12.24699 | (21013118) | 505221.98 | 3635825.90 | 11.26123 | (21013118) |
| 502221.98 | 3635875.90 | 7.76681 | (19120121) | 502271.98 | 3635875.90 | 5.66213 | (19120121) |
| 502321.98 | 3635875.90 | 4.67485 | (19012720) | 502371.98 | 3635875.90 | 4.66689 | (21052423) |
| 502421.98 | 3635875.90 | 4.70874 | (21052423) | 502471.98 | 3635875.90 | 4.76366 | (21052423) |
| 502521.98 | 3635875.90 | 5.55393 | (19120121) | 502571.98 | 3635875.90 | 4.95085 | (19050903) |
| 502621.98 | 3635875.90 | 5.76171 | (19120121) | 502671.98 | 3635875.90 | 5.82750 | (19120121) |
| 502721.98 | 3635875.90 | 5.75325 | (19120121) | 502771.98 | 3635875.90 | 5.80824 | (20021521) |
| 502821.98 | 3635875.90 | 7.05440 | (20021521) | 502871.98 | 3635875.90 | 8.09632 | (20021521) |
| 502921.98 | 3635875.90 | 9.49701 | (21012721) | 502971.98 | 3635875.90 | 9.63275 | (21012721) |
| 503021.98 | 3635875.90 | 8.95077 | (21012721) | 503071.98 | 3635875.90 | 8.90788 | (21121021) |
| 503121.98 | 3635875.90 | 9.11272 | (21121021) | 503171.98 | 3635875.90 | 9.44720 | (21121021) |
| 503221.98 | 3635875.90 | 9.23249 | (21121021) | 503271.98 | 3635875.90 | 8.98129 | (21121021) |
| 503321.98 | 3635875.90 | 9.62066 | (21121021) | 503371.98 | 3635875.90 | 9.78133 | (21121021) |
| 503421.98 | 3635875.90 | 10.18934 | (21121021) | 503471.98 | 3635875.90 | 10.16893 | (19110921) |
| 503521.98 | 3635875.90 | 9.56232 | (19020604) | 503571.98 | 3635875.90 | 9.73345 | (19120120) |
| 503621.98 | 3635875.90 | 10.92048 | (19110921) | 503671.98 | 3635875.90 | 10.30678 | (21121021) |
| 503721.98 | 3635875.90 | 9.12409 | (21121021) | 503771.98 | 3635875.90 | 7.98504 | (19110921) |
| 503821.98 | 3635875.90 | 8.43206 | (19110921) | 503871.98 | 3635875.90 | 9.79361 | (19110921) |
| 503921.98 | 3635875.90 | 9.30838 | (19120120) | 503971.98 | 3635875.90 | 8.73289 | (19120120) |
| 504021.98 | 3635875.90 | 8.44429 | (19031924) | 504071.98 | | | |

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3635875.90        8.92272  (19101219)
        504121.98   3635875.90        9.19814  (19101219)                504171.98
3635875.90        9.17980  (20071102)
        504221.98   3635875.90        9.68355  (20071102)                504271.98
3635875.90       10.00201  (20071102)
        504321.98   3635875.90        9.58994  (19122420)                504371.98
3635875.90        9.96114  (19122420)
        504421.98   3635875.90       10.35481  (19122420)                504471.98
3635875.90        8.90346  (21011719)
        504521.98   3635875.90        8.93427  (21011719)                504571.98
3635875.90        8.93656  (21011719)
        504621.98   3635875.90        9.01817  (21012024)                504671.98
3635875.90        9.30497  (21012024)
        504721.98   3635875.90        9.42321  (21012024)                504771.98
3635875.90        9.44531  (21012024)
        504821.98   3635875.90       10.01014  (21013118)                504871.98
3635875.90       10.84962  (21013118)
        504921.98   3635875.90       11.69092  (21013118)                504971.98
3635875.90       12.43708  (21013118)
        505021.98   3635875.90       12.91365  (21013118)                505071.98
3635875.90       12.99671  (21013118)
        505121.98   3635875.90       12.64165  (21013118)                505171.98
3635875.90       11.89278  (21013118)
        505221.98   3635875.90       10.97613  (21013118)                502221.98
3635925.90        7.75729  (19120121)
        502271.98   3635925.90        6.16571  (19120121)                502321.98
3635925.90        5.64423  (19120121)
        502371.98   3635925.90        4.60077  (21052423)                502421.98
3635925.90        5.07180  (19120121)
        502471.98   3635925.90        5.17936  (19120121)                502521.98
3635925.90        6.10385  (19120121)
        502571.98   3635925.90        6.11633  (20021521)                502621.98
3635925.90        6.50078  (20021521)
        502671.98   3635925.90        6.71668  (20021521)                502721.98
3635925.90        6.73735  (20021521)
        502771.98   3635925.90        6.79837  (20021521)                502821.98
3635925.90        7.91443  (20021521)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 957
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
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, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502871.98   3635925.90        8.48717  (20021521)               502921.98
3635925.90        8.97450  (21121021)
        502971.98   3635925.90        9.07523  (21121021)               503021.98
3635925.90        8.58882  (21121021)
        503071.98   3635925.90        8.47683  (21121021)               503121.98
3635925.90        8.57724  (21121021)
        503171.98   3635925.90        8.64005  (21121021)               503221.98
3635925.90        8.53172  (21121021)
        503271.98   3635925.90        8.56793  (21121021)               503321.98
3635925.90        8.98719  (19110921)
        503371.98   3635925.90        9.34687  (19110921)               503421.98
3635925.90        9.57838  (19110921)
        503471.98   3635925.90        9.14190  (19020604)               503521.98
3635925.90        9.22569  (21032024)
        503571.98   3635925.90        9.29600  (21040704)               503621.98
3635925.90       10.61041  (19100422)
        503671.98   3635925.90       10.36531  (19110921)               503721.98
3635925.90        9.93677  (19110921)
        503771.98   3635925.90        9.90120  (19100422)               503821.98
3635925.90        9.73947  (19120120)
        503871.98   3635925.90        9.31441  (19120120)               503921.98
3635925.90        9.19512  (19120120)
        503971.98   3635925.90        9.20579  (20021924)               504021.98
3635925.90        8.37758  (19101219)
        504071.98   3635925.90        9.15957  (21011719)               504121.98
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        504171.98   3635925.90       10.80219  (21011719)               504221.98
3635925.90       11.45275  (21011719)
        504271.98   3635925.90       11.24257  (21011719)               504321.98
3635925.90        9.98681  (20071102)
        504371.98   3635925.90       10.53801  (19122420)               504421.98
3635925.90       11.03536  (19122420)
        504471.98   3635925.90       11.09419  (19122420)               504521.98
3635925.90       10.79636  (19122420)
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        504571.98   3635925.90        8.32686  (20022207)               504621.98
3635925.90        8.68627  (21012024)
        504671.98   3635925.90        8.95038  (21012024)               504721.98
3635925.90        9.08156  (21012024)
        504771.98   3635925.90        9.08226  (21012024)               504821.98
3635925.90        9.39215  (21013118)
        504871.98   3635925.90       10.17748  (21013118)               504921.98
3635925.90       10.96519  (21013118)
        504971.98   3635925.90       11.68987  (21013118)               505021.98
3635925.90       12.21496  (21013118)
        505071.98   3635925.90       12.40840  (21013118)               505121.98
3635925.90       12.17337  (21013118)
        505171.98   3635925.90       11.56114  (21013118)               505221.98
3635925.90       12.57243  (21121422)
        502221.98   3635975.90        7.60449  (20021521)               502271.98
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3635975.90        5.33274  (20021521)
        502421.98   3635975.90        5.82968  (20021521)               502471.98
3635975.90        5.94881  (20021521)
        502521.98   3635975.90        6.60052  (20021521)               502571.98
3635975.90        6.24829  (20021521)
        502621.98   3635975.90        6.61023  (20021521)               502671.98
3635975.90        7.17010  (20021521)
        502721.98   3635975.90        7.27068  (21012721)               502771.98
3635975.90        7.57165  (21012721)
        502821.98   3635975.90        8.35119  (21012721)               502871.98
3635975.90        8.41119  (21012721)
        502921.98   3635975.90        8.72040  (21121021)               502971.98
3635975.90        8.69646  (21121021)
        503021.98   3635975.90        8.09297  (21121021)               503071.98
3635975.90        8.02271  (21121021)
        503121.98   3635975.90        8.10170  (19020604)               503171.98
3635975.90        8.25657  (19020604)
        503221.98   3635975.90        8.39409  (19020604)               503271.98
3635975.90        8.45441  (19110921)
        503321.98   3635975.90        8.74201  (19120120)               503371.98
3635975.90        9.24592  (19120120)
        503421.98   3635975.90        8.71245  (19120120)               503471.98
3635975.90        8.92270  (21040704)
        503521.98   3635975.90        8.97266  (21040704)               503571.98
3635975.90        9.68372  (19120120)
        503621.98   3635975.90       10.31108  (19120120)               503671.98
3635975.90       10.36752  (21112918)
        503721.98   3635975.90       10.39183  (21112918)               503771.98
3635975.90       10.30125  (21112918)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN  ***
INCLUDING SOURCE(S):  L0000995  , L0000996 , L0000997  , L0000998  , L0000999  ,
L0001000  , L0001001  , L0001002  , L0001003  , L0001004 , L0001005  , L0001006  , L0001007  ,
L0001008  , L0001009  , L0001010  , L0001011  , L0001012 , L0001013  , L0001014  , L0001015  ,
L0001016  , L0001017  , L0001018  , L0001019  , L0001020 , L0001021  , L0001022  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503821.98 | 3635975.90 | 9.90643 | (21112918) | 503871.98 | 3635975.90 | 9.07390 | (20021924) |
| 503921.98 | 3635975.90 | 9.28892 | (20021924) | 503971.98 | 3635975.90 | 9.48247 | (20021924) |
| 504021.98 | 3635975.90 | 9.80053 | (19012720) | 504071.98 | 3635975.90 | 10.43049 | (21011719) |
| 504121.98 | 3635975.90 | 10.67254 | (19012720) | 504171.98 | 3635975.90 | 10.85422 | (19012720) |
| 504221.98 | 3635975.90 | 10.83458 | (19111006) | 504271.98 | 3635975.90 | 10.92791 | (21011719) |
| 504321.98 | 3635975.90 | 10.96427 | (21011719) | 504371.98 | 3635975.90 | 10.85853 | (21011719) |
| 504421.98 | 3635975.90 | 10.78811 | (21011719) | 504471.98 | 3635975.90 | 11.05344 | (19122420) |
| 504521.98 | 3635975.90 | 11.48908 | (21062101) | 504571.98 | 3635975.90 | 12.00729 | (20092001) |
| 504621.98 | 3635975.90 | 12.42441 | (20092001) | 504671.98 | 3635975.90 | 11.82055 | (21060422) |
| 504721.98 | 3635975.90 | 11.48114 | (21060422) | 504771.98 | 3635975.90 | 8.78122 | (21013118) |
| 504821.98 | 3635975.90 | 8.82304 | (21013118) | 504871.98 | 3635975.90 | 9.56761 | (21013118) |
| 504921.98 | 3635975.90 | 10.31012 | (21013118) | 504971.98 | 3635975.90 | 11.00735 | (21013118) |
| 505021.98 | 3635975.90 | 11.55077 | (21013118) | 505071.98 | | | |

3635975.90 11.82110 (21013118)
505121.98 3635975.90 11.72076 (21013118) 505171.98
3635975.90 11.24974 (21013118)
505221.98 3635975.90 10.49987 (21013118) 501721.98
3632475.90 2.71975 (19010119)
501821.98 3632475.90 2.64370 (19010119) 501921.98
3632475.90 2.49926 (19010119)
502021.98 3632475.90 2.29650 (19010119) 502121.98
3632475.90 2.04990 (19010119)
502221.98 3632475.90 1.77687 (19010119) 502321.98
3632475.90 2.61495 (21030103)
502421.98 3632475.90 3.63382 (21030103) 502521.98
3632475.90 4.67539 (21030103)
502621.98 3632475.90 5.52322 (21030103) 502721.98
3632475.90 5.96265 (21030103)
502821.98 3632475.90 6.30121 (20121603) 502921.98
3632475.90 7.53657 (20121603)
503021.98 3632475.90 8.54853 (20121603) 503121.98
3632475.90 9.23516 (20092124)
503221.98 3632475.90 8.85147 (20092124) 503321.98
3632475.90 9.28577 (20092124)
503421.98 3632475.90 9.49449 (20102407) 503721.98
3632475.90 8.52702 (20111701)
503821.98 3632475.90 7.36454 (20090124) 503921.98
3632475.90 6.79663 (21020924)
504021.98 3632475.90 6.16184 (21020924) 504121.98
3632475.90 5.67386 (21111005)
504221.98 3632475.90 4.72554 (21111005) 504321.98
3632475.90 3.98300 (19082022)
504421.98 3632475.90 4.34821 (20101121) 504521.98
3632475.90 4.51717 (20101121)
504621.98 3632475.90 3.73515 (20081802) 504721.98
3632475.90 3.51109 (20082921)
504821.98 3632475.90 3.50859 (20081802) 504921.98
3632475.90 3.29295 (20081802)
505021.98 3632475.90 2.86836 (20022622) 505121.98
3632475.90 2.77781 (21013120)
505221.98 3632475.90 2.66417 (21120822) 505321.98
3632475.90 2.61822 (21120822)
505421.98 3632475.90 2.58107 (21120822) 505521.98
3632475.90 2.54737 (21120822)
505621.98 3632475.90 2.51145 (21120822) 505721.98
3632475.90 2.48741 (21120822)
501721.98 3632575.90 2.88721 (19010119) 501821.98
3632575.90 2.90135 (19010119)
501921.98 3632575.90 2.83789 (19010119) 502021.98
3632575.90 2.69749 (19010119)
502121.98 3632575.90 2.48659 (19010119) 502221.98
3632575.90 2.21912 (19010119)
502321.98 3632575.90 1.93898 (21030103) 502421.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502921.98   3632575.90        7.18045  (20121603)                503021.98
3632575.90        8.22877  (20121603)
        503121.98   3632575.90        9.15941  (20121603)                503221.98
3632575.90       10.08563  (20092124)
        503321.98   3632575.90       10.93469  (20092124)                503421.98
3632575.90       10.06881  (20090205)
        503721.98   3632575.90        8.92713  (20111701)                503821.98
3632575.90        7.20258  (21020924)
        503921.98   3632575.90        5.59871  (21020924)                504021.98
3632575.90        4.98968  (21020924)
        504121.98   3632575.90        4.61420  (21111005)                504221.98
3632575.90        4.17505  (21111005)
        504321.98   3632575.90        3.80155  (19101521)                504421.98
3632575.90        3.75807  (20050102)
        504521.98   3632575.90        4.06996  (20101121)                504621.98
3632575.90        3.81914  (20081802)

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        504721.98   3632575.90        3.48410  (20082921)               504821.98
3632575.90        3.36206  (20081802)
        504921.98   3632575.90        3.06302  (20081802)               505021.98
3632575.90        2.93725  (20022622)
        505121.98   3632575.90        2.84000  (21013120)               505221.98
3632575.90        2.73342  (21120822)
        505321.98   3632575.90        2.68601  (21120822)               505421.98
3632575.90        2.64472  (21120822)
        505521.98   3632575.90        2.61013  (21120822)               505621.98
3632575.90        2.57314  (21120822)
        505721.98   3632575.90        2.53007  (21120822)               501721.98
3632675.90        3.22839  (21111004)
        501821.98   3632675.90        3.05504  (19010119)               501921.98
3632675.90        3.09680  (19010119)
        502021.98   3632675.90        3.05413  (19010119)               502121.98
3632675.90        2.91761  (19010119)
        502221.98   3632675.90        2.69626  (19010119)               502321.98
3632675.90        2.41267  (19010119)
        502421.98   3632675.90        2.13805  (21030103)               502521.98
3632675.90        3.21398  (21030103)
        502621.98   3632675.90        4.47518  (21030103)               502721.98
3632675.90        5.68045  (21030103)
        502821.98   3632675.90        6.51331  (21030103)               502921.98
3632675.90        8.56887  (21030103)
        503021.98   3632675.90       10.75692  (20121603)               503721.98
3632675.90        9.19704  (20111701)
        503821.98   3632675.90        7.63029  (20111701)               503921.98
3632675.90        6.73951  (21020924)
        504021.98   3632675.90        5.57599  (21020924)               504121.98
3632675.90        4.74448  (21111005)
        504221.98   3632675.90        4.31863  (19101521)               504321.98
3632675.90        4.01708  (19101521)
        504421.98   3632675.90        3.88485  (20050102)               504521.98
3632675.90        3.76114  (20091518)
        504621.98   3632675.90        3.63830  (20082921)               504721.98
3632675.90        3.57635  (20082921)
        504821.98   3632675.90        3.37631  (20082921)               504921.98
3632675.90        3.08945  (20080820)
        505021.98   3632675.90        3.00914  (20022622)               505121.98
3632675.90        2.90181  (21013120)
        505221.98   3632675.90        2.80660  (21120822)               505321.98
3632675.90        2.75967  (21120822)
        505421.98   3632675.90        2.71651  (21120822)               505521.98
3632675.90        2.67903  (21120822)
        505621.98   3632675.90        2.63476  (21120822)               505721.98
3632675.90        2.55755  (21120822)
        502421.98   3632775.90        2.64071  (19010119)               502521.98
3632775.90        2.37200  (21030103)
        502621.98   3632775.90        3.59330  (21030103)               502721.98
3632775.90        4.99735  (21030103)
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3632775.90        2.88257  (21120822)
        505321.98   3632775.90        2.83642  (21120822)                505421.98
3632775.90        2.79273  (21120822)
        505521.98   3632775.90        2.75039  (21120822)                505621.98
3632775.90        2.70061  (21120822)
        505721.98   3632775.90        2.61103  (21120822)                501721.98
3632875.90        4.37090  (21111004)
        501821.98   3632875.90        4.25762  (21111004)                501921.98
3632875.90        4.02093  (21111004)
        502021.98   3632875.90        3.66755  (21111004)                502121.98
3632875.90        3.53754  (19010119)
        502221.98   3632875.90        3.54091  (19010119)                502321.98
3632875.90        3.43171  (19010119)
        502421.98   3632875.90        3.20853  (19010119)                502521.98
3632875.90        2.88189  (19010119)
        502621.98   3632875.90        2.63711  (21030103)                502721.98
3632875.90        4.03284  (21030103)
        502821.98   3632875.90        5.60606  (21030103)                502921.98
3632875.90       15.63150  (20122620)
        503021.98   3632875.90       13.63374  (21030103)                503121.98
3632875.90       14.01299  (21030103)
        503221.98   3632875.90       14.05193  (20121603)                503321.98
3632875.90       12.95391  (20092124)
        503421.98   3632875.90       13.58602  (20092124)                503621.98
3632875.90       12.14632  (20090205)
        503721.98   3632875.90        9.92221  (20102407)                503821.98
3632875.90        7.90336  (19080102)
        503921.98   3632875.90        6.01501  (21020924)                504021.98
3632875.90        5.78411  (21020924)
        504121.98   3632875.90        5.40337  (21020924)                504221.98
3632875.90        4.76838  (21111005)
        504321.98   3632875.90        4.46202  (19101521)                504421.98
3632875.90        4.14959  (20050102)
        504521.98   3632875.90        4.06485  (20091518)                504621.98
3632875.90        3.85464  (20082921)
        504721.98   3632875.90        3.78899  (20082921)                504821.98
3632875.90        3.53997  (20082921)
        504921.98   3632875.90        3.25920  (20022622)                505021.98
3632875.90        3.15817  (20022622)
        505121.98   3632875.90        3.02861  (21013120)                505221.98
3632875.90        2.96962  (21120822)
        505321.98   3632875.90        2.91888  (21120822)                505421.98
3632875.90        2.87357  (21120822)
        505521.98   3632875.90        2.82075  (21120822)                505621.98
3632875.90        2.76623  (21120822)
        505721.98   3632875.90        2.65686  (21120822)                501721.98
3632975.90        4.62807  (21111004)
        501821.98   3632975.90        4.71216  (21111004)                501921.98
3632975.90        4.66555  (21111004)
        502021.98   3632975.90        4.47651  (21111004)                502121.98
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3632975.90        4.14286  (21111004)
        505321.98   3632975.90        3.00747  (21120822)                505421.98
3632975.90        2.95966  (21120822)
        505521.98   3632975.90        2.91170  (21120822)                505621.98
3632975.90        2.83555  (20081802)
        505721.98   3632975.90        2.70523  (21120822)                501721.98
3633075.90        4.58403  (21111004)
        501821.98   3633075.90        4.86594  (21111004)                501921.98
3633075.90        5.04650  (21111004)
        502021.98   3633075.90        5.08694  (21111004)                502121.98
3633075.90        4.96879  (21111004)
        505321.98   3633075.90        3.10593  (21120822)                505421.98
3633075.90        3.05920  (21120822)
        505521.98   3633075.90        3.04472  (20081802)                505621.98
3633075.90        3.03143  (20082105)
        505721.98   3633075.90        2.92708  (20082105)                501721.98
3633175.90        4.24528  (21111004)
        501821.98   3633175.90        4.68818  (21111004)                501921.98
3633175.90        5.07242  (21111004)
        502021.98   3633175.90        5.36375  (21111004)                502121.98
3633175.90        5.50559  (21111004)
        505321.98   3633175.90        3.20974  (21120822)                505421.98
3633175.90        3.13897  (21120822)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                INCLUDING SOURCE(S):     L0000995    , L0000996 , L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004 , L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012 , L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020 , L0001021    , L0001022    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)

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        505321.98   3633675.90        4.12802  (20082105)               505421.98
3633675.90        3.73436  (20082105)
        505521.98   3633675.90        3.86255  (20082105)               505621.98
3633675.90        4.14670  (20082105)
        505721.98   3633675.90        4.49173  (20082105)               501721.98
3633775.90        6.28107  (21012320)
        501821.98   3633775.90        6.41190  (21012320)               501921.98
3633775.90        6.50561  (21012320)
        502021.98   3633775.90        6.55343  (21012320)               502121.98
3633775.90        6.54140  (21012320)
        505321.98   3633775.90        4.29921  (20082105)               505421.98
3633775.90        4.04882  (20082105)
        505521.98   3633775.90        3.95709  (20082105)               505621.98
3633775.90        4.24674  (20082105)
        505721.98   3633775.90        4.69357  (20082105)               501721.98
3633875.90        6.28154  (21012320)
        501821.98   3633875.90        6.56344  (21012320)               501921.98
3633875.90        6.76740  (21012320)
        502021.98   3633875.90        7.00651  (21012320)               502121.98
3633875.90        7.17371  (21012320)
        505321.98   3633875.90        4.46182  (20082105)               505421.98
3633875.90        4.44478  (20082105)
        505521.98   3633875.90        4.38145  (20082105)               505621.98
3633875.90        4.42241  (20082105)
        505721.98   3633875.90        4.94008  (20082105)               501721.98
3633975.90        5.91154  (21012320)
        501821.98   3633975.90        6.28673  (21012320)               501921.98
3633975.90        6.64670  (21012320)
        502021.98   3633975.90        6.97968  (21012320)               502121.98
3633975.90        7.30740  (21012320)
        505321.98   3633975.90        4.74664  (20082105)               505421.98
3633975.90        4.81880  (20082105)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 962
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                  INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 4.83567 | (20082105) | 505621.98 | 3633975.90 | 4.91136 | (20082105) |
| 505721.98 | 3633975.90 | 5.21068 | (20082105) | 501721.98 | 3634075.90 | 5.22388 | (21012320) |
| 501821.98 | 3634075.90 | 5.67228 | (21012320) | 501921.98 | 3634075.90 | 6.11968 | (21012320) |
| 502021.98 | 3634075.90 | 6.55796 | (21012320) | 502121.98 | 3634075.90 | 6.98150 | (21012320) |
| 505321.98 | 3634075.90 | 5.11625 | (20081603) | 505421.98 | 3634075.90 | 5.22804 | (20081603) |
| 505521.98 | 3634075.90 | 5.62585 | (20082105) | 505621.98 | 3634075.90 | 5.71146 | (20082105) |
| 505721.98 | 3634075.90 | 5.42926 | (20082105) | 501721.98 | 3634175.90 | 4.28632 | (21012320) |
| 501821.98 | 3634175.90 | 4.77328 | (21012320) | 501921.98 | 3634175.90 | 5.26972 | (21012320) |
| 502021.98 | 3634175.90 | 5.73657 | (21012320) | 502121.98 | 3634175.90 | 6.26518 | (21012320) |
| 505321.98 | 3634175.90 | 6.29032 | (20081603) | 505421.98 | 3634175.90 | 6.37485 | (20082105) |
| 505521.98 | 3634175.90 | 6.41118 | (20082105) | 505621.98 | 3634175.90 | 5.82743 | (20082105) |
| 505721.98 | 3634175.90 | 5.30877 | (20082105) | 501721.98 | 3634275.90 | 4.11953 | (19083104) |
| 501821.98 | 3634275.90 | 4.21219 | (19083104) | 501921.98 | 3634275.90 | 4.31024 | (19083104) |
| 502021.98 | 3634275.90 | 4.66550 | (21012320) | 502121.98 | 3634275.90 | 5.20561 | (21012320) |
| 505321.98 | 3634275.90 | 7.50595 | (20082805) | 505421.98 | 3634275.90 | 7.33749 | (20082105) |
| 505521.98 | 3634275.90 | 6.33020 | (20082805) | 505621.98 | 3634275.90 | 5.88127 | (20082805) |
| 505721.98 | 3634275.90 | 5.35179 | (20082805) | 501721.98 | 3634375.90 | 4.27458 | (19083104) |
| 501821.98 | 3634375.90 | 4.38524 | (19083104) | 501921.98 | 3634375.90 | 4.48003 | (19083104) |
| 502021.98 | 3634375.90 | 4.58521 | (19083104) | 502121.98 | 3634375.90 | 4.70975 | (19083104) |
| 505321.98 | 3634375.90 | 8.86308 | (20082306) | 505421.98 | | | |

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3634375.90        8.27498  (20082306)
        505521.98   3634375.90        6.54443  (20082306)                505621.98
3634375.90        5.69596  (20082306)
        505721.98   3634375.90        5.35204  (20082805)                501721.98
3634475.90        4.35026  (19083104)
        501821.98   3634475.90        4.48485  (19083104)                501921.98
3634475.90        4.61495  (19083104)
        502021.98   3634475.90        4.75124  (19083104)                502121.98
3634475.90        4.87310  (19083104)
        505321.98   3634475.90        9.46285  (20082306)                505421.98
3634475.90       10.03540  (20082306)
        505521.98   3634475.90        8.50052  (20082306)                505621.98
3634475.90        7.07214  (20082306)
        505721.98   3634475.90        5.78809  (20082306)                501721.98
3634575.90        4.29066  (19083104)
        501821.98   3634575.90        4.45354  (19083104)                501921.98
3634575.90        4.61914  (19083104)
        502021.98   3634575.90        4.79146  (19083104)                502121.98
3634575.90        4.96484  (19083104)
        505321.98   3634575.90        9.44585  (20082306)                505421.98
3634575.90       10.90769  (20082306)
        505521.98   3634575.90        9.98169  (20082306)                505621.98
3634575.90        7.87787  (20082306)
        505721.98   3634575.90        6.28694  (20082306)                501721.98
3634675.90        4.03959  (19083104)
        501821.98   3634675.90        4.24228  (19083104)                501921.98
3634675.90        4.44543  (19083104)
        502021.98   3634675.90        4.66053  (19083104)                502121.98
3634675.90        4.85447  (19083104)
        505321.98   3634675.90       10.19527  (20081806)                505421.98
3634675.90       11.70328  (20081806)
        505521.98   3634675.90       12.15632  (20081603)                505621.98
3634675.90       10.48090  (20081805)
        505721.98   3634675.90        8.41494  (20081805)                501721.98
3634775.90        3.56304  (19083104)
        501821.98   3634775.90        3.78276  (19083104)                501921.98
3634775.90        4.00139  (19083104)
        502021.98   3634775.90        4.24793  (19083104)                502121.98
3634775.90        4.49476  (19083104)
        505321.98   3634775.90       11.79509  (20082303)                505421.98
3634775.90       15.76928  (20092124)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 963
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3634775.90       14.44501  (19081924)               505621.98
3634775.90       14.40648  (20081805)
        505721.98   3634775.90       12.51452  (20081603)               501721.98
3634875.90        3.49735  (21021102)
        501821.98   3634875.90        3.59582  (21021102)               501921.98
3634875.90        3.69374  (21021102)
        502021.98   3634875.90        3.79784  (21021102)               502121.98
3634875.90        3.90187  (21021102)
        505321.98   3634875.90       15.41460  (20082303)               505421.98
3634875.90       19.20168  (20081401)
        505521.98   3634875.90       17.17386  (21012820)               505621.98
3634875.90       15.80963  (19081924)
        505721.98   3634875.90       17.62949  (20081603)               501721.98
3634975.90        3.56604  (21021102)
        501821.98   3634975.90        3.65795  (21021102)               501921.98
3634975.90        3.75617  (21021102)
        502021.98   3634975.90        3.85438  (21021102)               502121.98
3634975.90        3.95518  (21021102)
        505321.98   3634975.90       20.01320  (20082024)               505421.98
3634975.90       24.69648  (20081401)
        505521.98   3634975.90       23.08179  (20081401)               505621.98
3634975.90       20.16129  (20081401)
        505721.98   3634975.90       20.43382  (20081805)               501721.98
3635075.90        3.74393  (21021102)
        501821.98   3635075.90        3.84032  (21021102)               501921.98
3635075.90        3.94682  (21021102)
        502021.98   3635075.90        4.05571  (21021102)               502121.98
3635075.90        4.16614  (21021102)
        505321.98   3635075.90       29.16204  (21032721)               505421.98
3635075.90       29.10039  (20010802)

505521.98 3635075.90 24.99009 (20081401) 505621.98 3635075.90 27.12628 (20081805)
505721.98 3635075.90 21.67738 (20081401) 501721.98 3635175.90 3.98720 (21021102)
501821.98 3635175.90 4.10394 (21021102) 501921.98 3635175.90 4.65460 (21121021)
502021.98 3635175.90 4.35923 (21021102) 502121.98 3635175.90 4.49677 (21021102)
505321.98 3635175.90 38.57796 (20081603) 505421.98 3635175.90 36.03598 (20011806)
505521.98 3635175.90 32.62137 (20011806) 505621.98 3635175.90 29.00304 (20081603)
505721.98 3635175.90 27.31659 (21022220) 501721.98 3635275.90 4.89929 (20021521)
501821.98 3635275.90 4.70266 (21121021) 501921.98 3635275.90 4.80596 (21121021)
502021.98 3635275.90 4.85330 (21121021) 502121.98 3635275.90 4.78600 (21021102)
505621.98 3635275.90 69.52878 (20082306) 505721.98 3635275.90 55.39713 (20082306)
501721.98 3635375.90 5.85798 (21012722) 501821.98 3635375.90 4.86755 (21121021)
501921.98 3635375.90 4.91410 (21112918) 502021.98 3635375.90 4.98788 (21112918)
502121.98 3635375.90 4.78517 (21021102) 505621.98 3635375.90 79.30569 (20082303)
501721.98 3635475.90 7.42358 (20052405) 501821.98 3635475.90 5.78261 (21021102)
501921.98 3635475.90 4.83535 (21112918) 502021.98 3635475.90 4.57945 (19012720)
502121.98 3635475.90 4.74830 (19012720) 505621.98 3635475.90 29.98577 (21011719)
505721.98 3635475.90 28.26049 (20082303) 501721.98 3635575.90 7.18786 (20052405)
501821.98 3635575.90 6.61152 (20052405) 501921.98 3635575.90 4.68214 (21112918)
502021.98 3635575.90 4.83078 (19012720) 502121.98 3635575.90 4.92937 (19012720)
505321.98 3635575.90 29.97289 (21012617) 505421.98 3635575.90 31.74309 (21012617)
505521.98 3635575.90 29.08398 (21012617) 505621.98 3635575.90 25.05136 (21012617)
505721.98 3635575.90 22.26264 (21012617) 501721.98 3635675.90 7.27791 (20012222)
501821.98 3635675.90 7.79015 (20012222) 501921.98 3635675.90 6.43569 (20012222)
502021.98 3635675.90 6.28903 (20012222) 502121.98 3635675.90 6.90254 (20012222)
505321.98 3635675.90 26.19347 (20011620) 505421.98 3635675.90 24.02844 (21012617)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKN ***
INCLUDING SOURCE(S): L0000995 , L0000996 , L0000997 , L0000998 , L0000999 ,
L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 ,
L0001008 , L0001009 , L0001010 , L0001011 , L0001012 , L0001013 , L0001014 , L0001015 ,
L0001016 , L0001017 , L0001018 , L0001019 , L0001020 , L0001021 , L0001022 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 26.35531 | (21012617) | 505621.98 | 3635675.90 | 25.19065 | (21012617) |
| 505721.98 | 3635675.90 | 22.00975 | (21012617) | 501721.98 | 3635775.90 | 6.95398 | (19101801) |
| 501821.98 | 3635775.90 | 6.86449 | (19091802) | 501921.98 | 3635775.90 | 7.21789 | (20012222) |
| 502021.98 | 3635775.90 | 6.87355 | (20012222) | 502121.98 | 3635775.90 | 6.82060 | (20012222) |
| 505321.98 | 3635775.90 | 21.75118 | (20011620) | 505421.98 | 3635775.90 | 24.04954 | (20011620) |
| 505521.98 | 3635775.90 | 20.86785 | (21012617) | 505621.98 | 3635775.90 | 23.07460 | (21012617) |
| 505721.98 | 3635775.90 | 22.57424 | (21012617) | 501721.98 | 3635875.90 | 6.50447 | (21102720) |
| 501821.98 | 3635875.90 | 6.48171 | (19120121) | 501921.98 | 3635875.90 | 7.27927 | (19120121) |
| 502021.98 | 3635875.90 | 7.55180 | (19120121) | 502121.98 | 3635875.90 | 7.79936 | (19120121) |
| 505321.98 | 3635875.90 | 18.63935 | (21090701) | 505421.98 | 3635875.90 | 19.42615 | (20011620) |
| 505521.98 | 3635875.90 | 20.63269 | (20011620) | 505621.98 | | | |

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3635875.90       17.90516  (21012617)
        505721.98   3635875.90       21.01768  (21012617)                501721.98
3635975.90        6.72571  (19020620)
        501821.98   3635975.90        6.61002  (19020620)                501921.98
3635975.90        6.55666  (19120121)
        502021.98   3635975.90        6.74477  (20021521)                502121.98
3635975.90        7.13399  (20021521)
        505321.98   3635975.90       10.20059  (20011620)                505421.98
3635975.90       14.03131  (20011620)
        505521.98   3635975.90       17.66053  (20011620)                505621.98
3635975.90       18.92582  (21122618)
        505721.98   3635975.90       15.21373  (21012617)                501721.98
3636075.90        6.30007  (21122620)
        501821.98   3636075.90        6.37998  (19050903)                501921.98
3636075.90        6.45265  (19050903)
        502021.98   3636075.90        6.51638  (19050903)                502121.98
3636075.90        6.47503  (19050903)
        502221.98   3636075.90        6.80222  (21012721)                502321.98
3636075.90        7.46911  (21012721)
        502421.98   3636075.90        6.65061  (21012721)                502521.98
3636075.90        7.01295  (21012721)
        502621.98   3636075.90        7.55447  (21121021)                502721.98
3636075.90        7.92726  (21121021)
        502821.98   3636075.90        8.16077  (21121021)                502921.98
3636075.90        7.95352  (19110921)
        503021.98   3636075.90        7.70009  (19120120)                503121.98
3636075.90        7.85735  (21040704)
        503221.98   3636075.90        7.95167  (19022707)                503321.98
3636075.90        8.38109  (19120120)
        503421.98   3636075.90        8.56383  (20021924)                503521.98
3636075.90        9.01547  (20021924)
        503621.98   3636075.90        9.35843  (19012720)                503721.98
3636075.90        9.49677  (19012720)
        503821.98   3636075.90        9.70868  (19012720)                503921.98
3636075.90        9.36647  (19012720)
        504021.98   3636075.90        9.43689  (19111006)                504121.98
3636075.90        9.17452  (21052423)
        504221.98   3636075.90        8.94053  (21052423)                504321.98
3636075.90        9.12373  (21052423)
        504421.98   3636075.90        8.71550  (19072224)                504521.98
3636075.90        9.10693  (19072224)
        504621.98   3636075.90        9.93273  (19072224)                504721.98
3636075.90       12.22832  (19122420)
        504821.98   3636075.90       12.97486  (21060422)                504921.98
3636075.90       10.68926  (20121721)
        505021.98   3636075.90       10.39959  (21013118)                505121.98
3636075.90       10.82603  (21013118)
        505221.98   3636075.90       10.07526  (21013118)                505321.98
3636075.90        8.65838  (21013118)
        505421.98   3636075.90        8.99187  (20011620)                505521.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                   INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3636175.90        7.16489  (21121021)                502421.98
3636175.90        6.83814  (21121021)
        502521.98   3636175.90        7.09171  (21121021)                502621.98
3636175.90        7.23254  (19110921)
        502721.98   3636175.90        7.47074  (19110921)                502821.98
3636175.90        7.45167  (19120120)
        502921.98   3636175.90        7.44411  (19120120)                503021.98
3636175.90        7.37702  (19022707)
        503121.98   3636175.90        7.15442  (19022707)                503221.98
3636175.90        7.37579  (19022707)
        503321.98   3636175.90        7.55913  (19012720)                503421.98
3636175.90        7.76818  (19012720)

503521.98 3636175.90 7.81812 (19012720) 503621.98
3636175.90 8.07954 (21011719)
503721.98 3636175.90 8.19503 (21011719) 503821.98
3636175.90 8.20403 (21011719)
503921.98 3636175.90 8.10099 (21011719) 504021.98
3636175.90 7.91392 (19013101)
504121.98 3636175.90 7.68173 (19013101) 504221.98
3636175.90 7.62852 (21012421)
504321.98 3636175.90 7.44739 (20060403) 504421.98
3636175.90 7.33734 (19072224)
504521.98 3636175.90 6.58096 (19072224) 504621.98
3636175.90 7.98380 (19072224)
504721.98 3636175.90 10.43409 (19072224) 504821.98
3636175.90 11.17378 (19122420)
504921.98 3636175.90 13.06201 (21060422) 505021.98
3636175.90 14.62223 (20121721)
505121.98 3636175.90 9.87003 (21013118) 505221.98
3636175.90 9.57342 (21013118)
505321.98 3636175.90 10.49642 (21121422) 505421.98
3636175.90 10.32053 (21121422)
505521.98 3636175.90 10.33316 (20011620) 505621.98
3636175.90 14.21862 (20011620)
505721.98 3636175.90 16.24463 (20011620) 501721.98
3636275.90 5.60169 (20030421)
501821.98 3636275.90 5.74024 (20030421) 501921.98
3636275.90 5.79352 (20030421)
502021.98 3636275.90 5.80699 (19020604) 502121.98
3636275.90 5.79451 (19020604)
502221.98 3636275.90 6.23407 (19110921) 502321.98
3636275.90 6.62192 (19110921)
502421.98 3636275.90 6.80401 (19110921) 502521.98
3636275.90 6.99306 (19110921)
502621.98 3636275.90 6.94237 (19120120) 502721.98
3636275.90 6.91388 (19120120)
502821.98 3636275.90 6.77776 (19120120) 502921.98
3636275.90 6.81469 (19022707)
503021.98 3636275.90 6.69224 (19022707) 503121.98
3636275.90 6.84212 (19011621)
503221.98 3636275.90 6.84278 (21031001) 503321.98
3636275.90 7.03851 (21031001)
503421.98 3636275.90 7.21880 (21011719) 503521.98
3636275.90 7.37125 (21011719)
503621.98 3636275.90 7.41573 (21011719) 503721.98
3636275.90 7.35167 (21011719)
503821.98 3636275.90 7.27680 (19013101) 503921.98
3636275.90 7.21530 (19013101)
504021.98 3636275.90 7.03812 (21012421) 504121.98
3636275.90 6.90736 (20060403)
504221.98 3636275.90 6.33348 (20060403) 504321.98
3636275.90 4.62059 (19080802)

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        504421.98   3636275.90        4.75874  (19072224)               504521.98
3636275.90        4.77534  (19072224)
        504621.98   3636275.90        5.89096  (19072224)               504721.98
3636275.90        8.19547  (19072224)
        504821.98   3636275.90        8.32202  (20040224)               504921.98
3636275.90       10.35417  (20042420)
        505021.98   3636275.90       13.40618  (20121721)               505121.98
3636275.90        9.38130  (20092821)
        505221.98   3636275.90        9.17587  (19022602)               505321.98
3636275.90       11.88042  (21121422)
        505421.98   3636275.90       13.56627  (21121422)               505521.98
3636275.90        8.04300  (21121422)
        505621.98   3636275.90       11.13464  (20011620)               505721.98
3636275.90       14.78697  (20011620)
        501721.98   3636375.90        5.35827  (19020604)               501821.98
3636375.90        5.60990  (19020604)
        501921.98   3636375.90        5.77427  (19020604)               502021.98
3636375.90        5.81014  (19020604)
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKN   ***
                                    INCLUDING SOURCE(S):     L0000995    , L0000996
, L0000997    , L0000998    , L0000999    ,
                  L0001000    , L0001001    , L0001002    , L0001003    , L0001004
, L0001005    , L0001006    , L0001007    ,
                  L0001008    , L0001009    , L0001010    , L0001011    , L0001012
, L0001013    , L0001014    , L0001015    ,
                  L0001016    , L0001017    , L0001018    , L0001019    , L0001020
, L0001021    , L0001022    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502121.98   3636375.90        5.70131  (21011903)               502221.98
3636375.90        5.86466  (19120120)
        502321.98   3636375.90        6.17698  (19120120)               502421.98
```

3636375.90 6.50832 (19120120)
502521.98 3636375.90 6.55410 (19120120) 502621.98
3636375.90 6.47002 (19120120)
502721.98 3636375.90 6.20938 (20021924) 502821.98
3636375.90 6.24415 (19011621)
502921.98 3636375.90 6.31487 (19011621) 503021.98
3636375.90 6.41577 (21031001)
503121.98 3636375.90 6.47730 (21031001) 503221.98
3636375.90 6.40468 (21011719)
503321.98 3636375.90 6.53665 (21011719) 503421.98
3636375.90 6.69604 (21011719)
503521.98 3636375.90 6.64632 (19120317) 503621.98
3636375.90 6.70197 (19120317)
503721.98 3636375.90 6.65077 (19120317) 503821.98
3636375.90 6.64834 (19013101)
503921.98 3636375.90 6.50297 (20060403) 504021.98
3636375.90 6.39535 (20060403)
504121.98 3636375.90 5.97752 (20060403) 504221.98
3636375.90 4.96189 (20052323)
504321.98 3636375.90 4.04459 (19072224) 504421.98
3636375.90 4.27838 (19072224)
504521.98 3636375.90 4.47222 (19072224) 504621.98
3636375.90 5.04150 (19072224)
504721.98 3636375.90 6.38976 (19072224) 504821.98
3636375.90 6.57165 (20040224)
504921.98 3636375.90 7.64739 (20040224) 505021.98
3636375.90 10.29312 (19073022)
505121.98 3636375.90 13.14967 (20121721) 505221.98
3636375.90 12.36493 (20092821)
505321.98 3636375.90 12.82068 (19022602) 505421.98
3636375.90 12.52045 (21121422)
505521.98 3636375.90 12.17383 (21121422) 505621.98
3636375.90 9.93677 (21061321)
505721.98 3636375.90 11.65229 (20011620) 501721.98
3636475.90 5.16081 (21032024)
501821.98 3636475.90 5.35587 (21032024) 501921.98
3636475.90 5.54070 (21011903)
502021.98 3636475.90 5.62637 (21040704) 502121.98
3636475.90 5.71593 (19022707)
502221.98 3636475.90 5.78405 (19022707) 502321.98
3636475.90 5.70536 (19120120)
502421.98 3636475.90 5.95026 (20021924) 502521.98
3636475.90 6.00886 (20021924)
502621.98 3636475.90 5.99289 (19012720) 502721.98
3636475.90 5.77686 (19012720)
502821.98 3636475.90 6.01734 (21031001) 502921.98
3636475.90 6.12062 (21031001)
503021.98 3636475.90 6.03364 (21031001) 503121.98
3636475.90 6.01542 (21011719)
503221.98 3636475.90 5.92348 (21011719) 503321.98

```
3636475.90        5.91657  (21011719)
        503421.98   3636475.90        6.00879  (19120317)                503521.98
3636475.90        6.07360  (19120317)
        503621.98   3636475.90        5.95748  (19120317)                503721.98
3636475.90        6.12911  (21012421)
        503821.98   3636475.90        6.09055  (20060403)                503921.98
3636475.90        5.90659  (20060403)
        504021.98   3636475.90        4.65072  (20060403)                504121.98
3636475.90        4.76293  (20052323)
        504221.98   3636475.90        4.69156  (20052323)                504321.98
3636475.90        3.80440  (19051001)
        504421.98   3636475.90        4.04643  (19072224)                504521.98
3636475.90        4.24593  (19072224)
        504621.98   3636475.90        4.50733  (19072224)                504721.98
3636475.90        4.99649  (19072224)
        504821.98   3636475.90        5.51998  (19072224)                504921.98
3636475.90        7.01192  (20040224)
        505021.98   3636475.90        9.37702  (19082724)                505121.98
3636475.90       12.26426  (20121721)
        505221.98   3636475.90       12.58461  (20092821)                505321.98
3636475.90       11.78120  (19022602)
        505421.98   3636475.90       11.60909  (19022602)                505521.98
3636475.90       12.02346  (21121422)
        505621.98   3636475.90       10.76136  (21121422)                505721.98
3636475.90        9.68879  (21061321)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 967
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 11.35370 | (21012320) | 502771.98 | 3633475.90 | 11.70332 | (21012320) |
| 502821.98 | 3633475.90 | 12.04463 | (21012320) | 502871.98 | 3633475.90 | 12.47606 | (21012320) |
| 502921.98 | 3633475.90 | 13.08276 | (21012320) | 502971.98 | 3633475.90 | 13.78135 | (21011719) |
| 503021.98 | 3633475.90 | 14.77171 | (21011719) | 503071.98 | 3633475.90 | 16.04809 | (21011719) |
| 503121.98 | 3633475.90 | 17.39477 | (21011719) | 503171.98 | 3633475.90 | 18.95540 | (21011719) |
| 503221.98 | 3633475.90 | 21.57052 | (21011719) | 503271.98 | 3633475.90 | 24.52726 | (21011719) |
| 503321.98 | 3633475.90 | 33.45105 | (21030103) | 503371.98 | 3633475.90 | 73.81541 | (20122620) |
| 503421.98 | 3633475.90 | 87.46094 | (21031822) | 503471.98 | 3633475.90 | 132.05638 | (20092124) |
| 503521.98 | 3633475.90 | 245.07670 | (20092124) | 503621.98 | 3633475.90 | 103.38010 | (20081802) |
| 503671.98 | 3633475.90 | 72.89923 | (20121721) | 503721.98 | 3633475.90 | 47.44762 | (20092821) |
| 503771.98 | 3633475.90 | 38.65704 | (21121422) | 503821.98 | 3633475.90 | 28.35913 | (20092424) |
| 503871.98 | 3633475.90 | 25.52955 | (20092424) | 503921.98 | 3633475.90 | 25.19709 | (21122618) |
| 503971.98 | 3633475.90 | 22.46199 | (21122618) | 504021.98 | 3633475.90 | 18.49627 | (20082301) |
| 504071.98 | 3633475.90 | 17.73511 | (20082301) | 504121.98 | 3633475.90 | 17.27708 | (20082302) |
| 504171.98 | 3633475.90 | 15.73743 | (21011602) | 504221.98 | 3633475.90 | 15.55750 | (20082302) |
| 504271.98 | 3633475.90 | 15.20687 | (20082302) | 504321.98 | 3633475.90 | 14.34196 | (20082306) |
| 504371.98 | 3633475.90 | 13.00686 | (20082024) | 504421.98 | 3633475.90 | 10.93467 | (20082024) |
| 504471.98 | 3633475.90 | 9.33812 | (20082024) | 504521.98 | 3633475.90 | 8.56318 | (20082024) |
| 504571.98 | 3633475.90 | 8.70958 | (20082024) | 504621.98 | 3633475.90 | 9.12170 | (20082024) |
| 504671.98 | 3633475.90 | 9.00798 | (20082024) | 504721.98 | 3633475.90 | 9.26539 | (20081806) |
| 502721.98 | 3633525.90 | 11.53647 | (21012320) | 502771.98 | 3633525.90 | 11.90793 | (21012320) |
| 502821.98 | 3633525.90 | 12.29808 | (21012320) | 502871.98 | 3633525.90 | 12.78110 | (21012320) |
| 502921.98 | 3633525.90 | 13.29956 | (21012320) | 502971.98 | 3633525.90 | 13.76669 | (21012320) |

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        503021.98   3633525.90       14.78414  (21011719)                503071.98
3633525.90       15.96873  (21011719)
        503121.98   3633525.90       17.25426  (21011719)                503171.98
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        503221.98   3633525.90       21.18290  (21011719)                503271.98
3633525.90       24.44059  (21011719)
        503321.98   3633525.90       27.93913  (21011719)                503371.98
3633525.90       62.55812  (20122620)
        503421.98   3633525.90       90.77709  (21031822)                503471.98
3633525.90      117.87899  (20092124)
        503521.98   3633525.90      208.04482  (20092124)                503621.98
3633525.90      151.16617  (21090401)
        503671.98   3633525.90       78.86152  (20081802)                503721.98
3633525.90       56.03919  (20082303)
        503771.98   3633525.90       43.13296  (21121422)                503821.98
3633525.90       36.36738  (21121422)
        503871.98   3633525.90       32.18028  (21090701)                503921.98
3633525.90       31.79699  (21081602)
        503971.98   3633525.90       27.77293  (21122618)                504021.98
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        504071.98   3633525.90       19.81507  (19102623)                504121.98
3633525.90       20.67026  (19102623)
        504171.98   3633525.90       19.11233  (19102623)                504221.98
3633525.90       17.43657  (19102623)
        504271.98   3633525.90       15.78022  (20082306)                504321.98
3633525.90       13.50467  (20082024)
        504371.98   3633525.90       11.80693  (20082024)                504421.98
3633525.90       10.16672  (20082024)
        504471.98   3633525.90        9.19118  (20082024)                504521.98
3633525.90        9.49912  (20082024)
        504571.98   3633525.90       10.27940  (20082024)                504621.98
3633525.90       10.55990  (20082024)
        504671.98   3633525.90       10.21661  (20082024)                504721.98
3633525.90        9.72155  (20082024)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 968
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
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L0000616 , L0000617 , L0000618 , L0000619 , L0000620
, L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 11.57438 | (21012320) | 502771.98 | 3633575.90 | 12.03172 | (21012320) |
| 502821.98 | 3633575.90 | 12.53542 | (21012320) | 502871.98 | 3633575.90 | 13.06919 | (21012320) |
| 502921.98 | 3633575.90 | 13.53770 | (21012320) | 502971.98 | 3633575.90 | 14.06249 | (21012320) |
| 503021.98 | 3633575.90 | 14.84021 | (21011719) | 503071.98 | 3633575.90 | 15.99958 | (21011719) |
| 503121.98 | 3633575.90 | 17.22616 | (21011719) | 503171.98 | 3633575.90 | 18.81935 | (21011719) |
| 503221.98 | 3633575.90 | 20.83084 | (21011719) | 503271.98 | 3633575.90 | 23.34839 | (21011719) |
| 503321.98 | 3633575.90 | 27.06960 | (21011719) | 503371.98 | 3633575.90 | 32.58232 | (21011719) |
| 503421.98 | 3633575.90 | 48.23248 | (21030103) | 503471.98 | 3633575.90 | 76.08952 | (20121603) |
| 503521.98 | 3633575.90 | 114.47992 | (20121603) | 503621.98 | 3633575.90 | 176.88024 | (21090401) |
| 503671.98 | 3633575.90 | 101.65592 | (21082504) | 503721.98 | 3633575.90 | 68.69197 | (21090606) |
| 503771.98 | 3633575.90 | 48.74156 | (20082303) | 503821.98 | 3633575.90 | 37.87733 | (20081401) |
| 503871.98 | 3633575.90 | 36.38938 | (20081401) | 503921.98 | 3633575.90 | 32.77451 | (21012820) |
| 503971.98 | 3633575.90 | 26.22655 | (20081401) | 504021.98 | 3633575.90 | 25.50730 | (21122618) |
| 504071.98 | 3633575.90 | 24.15032 | (21122618) | 504121.98 | 3633575.90 | 20.58080 | (20081401) |
| 504171.98 | 3633575.90 | 19.96877 | (20081401) | 504221.98 | 3633575.90 | 19.84881 | (21012820) |
| 504271.98 | 3633575.90 | 15.44895 | (20082306) | 504321.98 | 3633575.90 | 13.19472 | (20082024) |
| 504371.98 | 3633575.90 | 11.59635 | (21011602) | 504421.98 | 3633575.90 | 9.82689 | (21011602) |
| 504471.98 | 3633575.90 | 9.48844 | (20082024) | 504521.98 | 3633575.90 | 10.67644 | (20082024) |
| 504571.98 | 3633575.90 | 11.47235 | (20082024) | 504621.98 | | | |

3633575.90  10.98801  (20082024)
  504671.98  3633575.90  10.51306  (20082024)  504721.98
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  502721.98  3633625.90  11.40500  (21012320)  502771.98
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  502921.98  3633625.90  13.74165  (21012320)  502971.98
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  503021.98  3633625.90  15.09021  (21012320)  503071.98
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  503121.98  3633625.90  16.95582  (21011719)  503171.98
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  503321.98  3633625.90  26.42971  (21011719)  503371.98
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  503421.98  3633625.90  38.72603  (21011719)  503471.98
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  503521.98  3633625.90  96.10145  (20121603)  503621.98
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  503671.98  3633625.90  109.86411  (20080822)  503721.98
3633625.90  73.36373  (21082504)
  503771.98  3633625.90  51.14423  (20082306)  503821.98
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  503871.98  3633625.90  39.34034  (20082306)  503921.98
3633625.90  33.93878  (20082306)
  503971.98  3633625.90  30.42722  (20081401)  504021.98
3633625.90  26.64174  (20081401)
  504071.98  3633625.90  22.66572  (20081401)  504121.98
3633625.90  23.70811  (20081401)
  504171.98  3633625.90  22.45286  (21012820)  504221.98
3633625.90  20.82565  (21012820)
  504271.98  3633625.90  18.08092  (19102623)  504321.98
3633625.90  14.51407  (20082302)
  504371.98  3633625.90  12.44434  (20082024)  504421.98
3633625.90  10.81622  (21011602)
  504471.98  3633625.90  10.36933  (21011602)  504521.98
3633625.90  11.88922  (20082024)
  504571.98  3633625.90  11.74325  (20082024)  504621.98
3633625.90  11.26709  (20082024)
  504671.98  3633625.90  11.05155  (20082024)  504721.98
3633625.90  10.53561  (20082024)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633675.90 | 10.83042 | (21012320) | 502771.98 | 3633675.90 | 11.57258 | (21012320) |
| 502821.98 | 3633675.90 | 12.30350 | (21012320) | 502871.98 | 3633675.90 | 13.04094 | (21012320) |
| 502921.98 | 3633675.90 | 13.84374 | (21012320) | 502971.98 | 3633675.90 | 14.60684 | (21012320) |
| 503021.98 | 3633675.90 | 15.37626 | (21012320) | 503071.98 | 3633675.90 | 16.03578 | (21012320) |
| 503121.98 | 3633675.90 | 16.77828 | (21012320) | 503171.98 | 3633675.90 | 18.03871 | (21011719) |
| 503221.98 | 3633675.90 | 19.90149 | (21011719) | 503271.98 | 3633675.90 | 22.38607 | (21011719) |
| 503321.98 | 3633675.90 | 25.71807 | (21011719) | 503371.98 | 3633675.90 | 29.83661 | (21011719) |
| 503421.98 | 3633675.90 | 37.28732 | (20120224) | 503471.98 | 3633675.90 | 50.11553 | (20120224) |
| 503521.98 | 3633675.90 | 72.29596 | (21030103) | 503571.98 | 3633675.90 | 186.92287 | (20092124) |
| 503671.98 | 3633675.90 | 123.32510 | (20080822) | 503721.98 | 3633675.90 | 77.46949 | (21091006) |
| 503771.98 | 3633675.90 | 57.77688 | (20081603) | 503821.98 | 3633675.90 | 47.22967 | (20082306) |
| 503871.98 | 3633675.90 | 40.87782 | (20082306) | 503921.98 | 3633675.90 | 36.24493 | (20082306) |
| 503971.98 | 3633675.90 | 31.87573 | (21012820) | 504021.98 | 3633675.90 | 28.39787 | (20081401) |
| 504071.98 | 3633675.90 | 26.25368 | (20081401) | 504121.98 | 3633675.90 | 24.89586 | (20082306) |

504171.98 3633675.90 23.92058 (20082306) 504221.98 3633675.90 22.07303 (20082306)
504271.98 3633675.90 18.97390 (20081401) 504321.98 3633675.90 15.95183 (19102623)
504371.98 3633675.90 13.40516 (20082024) 504421.98 3633675.90 12.09154 (20082024)
504471.98 3633675.90 12.45177 (20082024) 504521.98 3633675.90 12.46691 (20082302)
504571.98 3633675.90 11.94063 (20082024) 504621.98 3633675.90 11.54896 (20082024)
504671.98 3633675.90 11.17907 (20082024) 504721.98 3633675.90 10.83901 (20082024)
502721.98 3633725.90 10.25898 (21011719) 502771.98 3633725.90 10.77210 (21011719)
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502921.98 3633725.90 13.54084 (21012320) 502971.98 3633725.90 14.48546 (21012320)
503021.98 3633725.90 15.30003 (21012320) 503071.98 3633725.90 16.28301 (21012320)
503121.98 3633725.90 17.21334 (21012320) 503171.98 3633725.90 18.18701 (21012320)
503221.98 3633725.90 19.66415 (21011719) 503271.98 3633725.90 21.87928 (21011719)
503321.98 3633725.90 24.67360 (21011719) 503371.98 3633725.90 28.14624 (21011719)
503421.98 3633725.90 36.21515 (20120224) 503471.98 3633725.90 47.03522 (21021806)
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503821.98 3633725.90 51.37507 (20081603) 503871.98 3633725.90 42.82553 (20082306)
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504121.98 3633725.90 26.45312 (20082306) 504171.98 3633725.90 24.60011 (20082306)
504221.98 3633725.90 22.25316 (20082306) 504271.98 3633725.90 20.78971 (20082306)
504321.98 3633725.90 17.06283 (19102623) 504371.98 3633725.90 14.37389 (20082024)
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504621.98 3633725.90 11.83831 (20081806) 504671.98 3633725.90 11.32859 (20081806)

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502771.98   3633775.90       10.70025  (21011719)                502821.98
3633775.90       11.20327  (21011719)
        502871.98   3633775.90       11.75393  (21011719)                502921.98
3633775.90       12.48966  (21012320)
        502971.98   3633775.90       13.70440  (21012320)                503021.98
3633775.90       14.85795  (21012320)
        503071.98   3633775.90       16.02789  (21012320)                503121.98
3633775.90       17.21155  (21012320)
        503171.98   3633775.90       18.43854  (21012320)                503221.98
3633775.90       19.70840  (21012320)
        503271.98   3633775.90       21.29849  (21011719)                503321.98
3633775.90       23.77632  (21011719)
        503371.98   3633775.90       27.02014  (21011719)                503421.98
3633775.90       35.33526  (20120224)
        503471.98   3633775.90       44.47527  (21021806)                503771.98
3633775.90       72.97407  (20080822)
        503821.98   3633775.90       53.54290  (20081603)                503871.98
3633775.90       44.68691  (20081603)
        503921.98   3633775.90       38.96926  (20082306)                503971.98

3633775.90 34.65639 (20081401)
504021.98 3633775.90 31.48204 (20081401) 504071.98
3633775.90 30.32657 (20082306)
504121.98 3633775.90 28.18389 (20082306) 504171.98
3633775.90 26.35725 (20082306)
504221.98 3633775.90 24.21053 (20082306) 504271.98
3633775.90 21.49045 (20082306)
504321.98 3633775.90 17.82042 (20081401) 504371.98
3633775.90 16.66879 (19102623)
504421.98 3633775.90 15.80991 (19102623) 504471.98
3633775.90 13.45880 (20081806)
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504621.98 3633775.90 12.76892 (20041201) 504671.98
3633775.90 12.03024 (20081806)
504721.98 3633775.90 11.44991 (20081806) 502721.98
3633825.90 10.12993 (21011719)
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3633825.90 11.05296 (21011719)
502871.98 3633825.90 11.59141 (21011719) 502921.98
3633825.90 12.30067 (21011719)
502971.98 3633825.90 13.05615 (21011719) 503021.98
3633825.90 13.88468 (21011719)
503071.98 3633825.90 14.93505 (21012320) 503121.98
3633825.90 16.44167 (21012320)
503171.98 3633825.90 18.03181 (21012320) 503221.98
3633825.90 19.66615 (21012320)
503271.98 3633825.90 21.39275 (21012320) 503771.98
3633825.90 84.83498 (20080822)
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3633825.90 49.04262 (20081603)
503921.98 3633825.90 40.75919 (21012820) 503971.98
3633825.90 36.11001 (20081401)
504021.98 3633825.90 34.30163 (20081603) 504071.98
3633825.90 31.19905 (20081603)
504121.98 3633825.90 28.96551 (20081603) 504171.98
3633825.90 27.49949 (20081603)
504221.98 3633825.90 25.20862 (20082306) 504271.98
3633825.90 23.40306 (20082306)
504321.98 3633825.90 21.15566 (20082306) 504371.98
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504421.98 3633825.90 16.72163 (20081401) 504471.98
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3633875.90 9.97891 (21011719)
502771.98 3633875.90 10.41208 (21011719) 502821.98

*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 51.96339 | (20081603) | 503921.98 | 3633875.90 | 44.36542 | (20082306) |
| 503971.98 | 3633875.90 | 41.71438 | (20081603) | 504021.98 | 3633875.90 | 37.49838 | (20081603) |
| 504071.98 | 3633875.90 | 33.38532 | (20081603) | 504121.98 | 3633875.90 | 31.83584 | (20081603) |
| 504171.98 | 3633875.90 | 29.12740 | (20081603) | 504221.98 | 3633875.90 | 26.47653 | (20081603) |
| 504271.98 | 3633875.90 | 24.47575 | (20082306) | 504321.98 | 3633875.90 | 21.64740 | (20082306) |

504371.98 3633875.90 19.62484 (20082306) 504421.98
3633875.90 17.91524 (20081401)
504471.98 3633875.90 16.81621 (20081401) 504521.98
3633875.90 16.45257 (20082306)
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3633875.90 14.63413 (20082306)
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3633875.90 12.56781 (20041201)
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3633925.90 12.68597 (21011719)
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3633925.90 16.71971 (19121706)
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3633925.90 19.91457 (21011719)
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3633925.90 15.66601 (20082306)
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503171.98 3633975.90 16.35717 (21011719) 503221.98
3633975.90 17.72219 (21011719)

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3633975.90       29.19417  (20081805)
        504071.98   3633975.90       37.07438  (20081805)                504121.98
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        504171.98   3633975.90       32.39565  (20081603)                504221.98
3633975.90       29.17899  (20082306)
        504271.98   3633975.90       27.19580  (20082306)                504321.98
3633975.90       25.30480  (20082306)
        504371.98   3633975.90       22.76828  (20082306)                504421.98
3633975.90       21.15211  (20082306)
        504471.98   3633975.90       18.67218  (20082306)                504521.98
3633975.90       16.55884  (20082306)
        504571.98   3633975.90       15.50765  (20082306)                504621.98
3633975.90       14.54034  (20082306)
        504671.98   3633975.90       13.42780  (20041201)                504721.98
3633975.90       12.51669  (20081806)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                   PAGE 972
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3634025.90        9.82812  (21012023)                502771.98
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3634025.90 10.17478 (21012023)
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502921.98 3634025.90 11.76625 (21121424) 502971.98
3634025.90 12.43586 (21121424)
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3634025.90 14.24949 (19121706)
503121.98 3634025.90 15.08657 (19121706) 503171.98
3634025.90 15.94463 (21011719)
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3634025.90 24.34155 (21022220)
504171.98 3634025.90 31.12428 (20082306) 504221.98
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504571.98 3634025.90 15.76462 (20082306) 504621.98
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3634075.90 9.94735 (21021102)
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3634075.90 15.51955 (21011719)
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3634075.90 58.95035 (20081603)
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3634075.90 35.63385 (20081805)
504071.98 3634075.90 30.13768 (21022220) 504121.98
3634075.90 26.85650 (21120220)
504171.98 3634075.90 32.15794 (20073101) 504221.98
3634075.90 32.03991 (20082306)
504271.98 3634075.90 30.56661 (20082306) 504321.98

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3634125.90       55.74910  (20082306)
        504021.98   3634125.90       41.73574  (20082306)                504071.98
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        504221.98   3634125.90       31.52660  (20082805)                504271.98
3634125.90       34.56139  (20082306)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 973
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 32.72013 | (20082306) | 504371.98 | 3634125.90 | 28.17205 | (20082306) |
| 504421.98 | 3634125.90 | 23.82208 | (20082306) | 504471.98 | 3634125.90 | 19.52508 | (20082306) |
| 504521.98 | 3634125.90 | 17.15419 | (20082306) | 504571.98 | 3634125.90 | 15.15651 | (20082024) |
| 504621.98 | 3634125.90 | 13.70189 | (20082024) | 504671.98 | 3634125.90 | 13.36754 | (20082024) |
| 504721.98 | 3634125.90 | 12.76274 | (20082024) | 502721.98 | 3634175.90 | 9.32700 | (21012023) |
| 502771.98 | 3634175.90 | 9.87550 | (21121424) | 502821.98 | 3634175.90 | 10.44886 | (21121424) |
| 502871.98 | 3634175.90 | 10.93649 | (21121424) | 502921.98 | 3634175.90 | 11.35870 | (19121706) |
| 502971.98 | 3634175.90 | 12.15979 | (19121706) | 503021.98 | 3634175.90 | 12.82734 | (19121706) |
| 503071.98 | 3634175.90 | 13.28074 | (19121706) | 503121.98 | 3634175.90 | 13.67252 | (19121706) |
| 503171.98 | 3634175.90 | 14.49333 | (21011719) | 503221.98 | 3634175.90 | 15.38495 | (21011719) |
| 503271.98 | 3634175.90 | 17.33711 | (20120224) | 503971.98 | 3634175.90 | 73.90568 | (20082303) |
| 504021.98 | 3634175.90 | 51.21942 | (21020220) | 504071.98 | 3634175.90 | 40.99596 | (21020220) |
| 504121.98 | 3634175.90 | 34.04518 | (21020220) | 504171.98 | 3634175.90 | 29.34788 | (21011518) |
| 504221.98 | 3634175.90 | 25.65914 | (21011518) | 504271.98 | 3634175.90 | 28.99425 | (20082306) |
| 504321.98 | 3634175.90 | 33.90033 | (20082306) | 504371.98 | 3634175.90 | 25.78128 | (20082306) |
| 504421.98 | 3634175.90 | 19.96613 | (20082024) | 504471.98 | 3634175.90 | 18.38687 | (20082024) |
| 504521.98 | 3634175.90 | 16.94779 | (20082024) | 504571.98 | 3634175.90 | 14.34600 | (20082024) |
| 504621.98 | 3634175.90 | 12.59236 | (20082024) | 504671.98 | 3634175.90 | 11.92200 | (20082024) |
| 504721.98 | 3634175.90 | 10.75737 | (20082024) | 502721.98 | 3634225.90 | 9.36541 | (21121424) |
| 502771.98 | 3634225.90 | 9.93235 | (21121424) | 502821.98 | 3634225.90 | 10.40520 | (21121424) |
| 502871.98 | 3634225.90 | 10.77138 | (21121424) | 502921.98 | 3634225.90 | 11.39629 | (19121706) |

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3634225.90       13.20545  (21011719)
        503171.98   3634225.90       13.94988  (21011719)               503221.98
3634225.90       14.79576  (21011719)
        503271.98   3634225.90       17.42809  (20120224)               504071.98
3634225.90       46.70874  (21020220)
        504121.98   3634225.90       38.57020  (21020220)               504171.98
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        504221.98   3634225.90       28.67214  (21020220)               504271.98
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        504621.98   3634225.90       12.62677  (20082024)               504671.98
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3634275.90       12.18795  (19121706)
        503071.98   3634275.90       12.45382  (19121706)               503121.98
3634275.90       12.76865  (21011719)
        503171.98   3634275.90       13.47466  (21011719)               503221.98
3634275.90       14.26545  (21011719)
        503271.98   3634275.90       17.45537  (20120224)               504121.98
3634275.90       35.48400  (21012617)
        504171.98   3634275.90       27.02589  (21012617)               504221.98
3634275.90       23.28895  (21020220)
        504271.98   3634275.90       30.99249  (20082303)               504321.98
3634275.90       36.61539  (20081401)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 974
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
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                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
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, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        504471.98   3634275.90       21.02305  (20082024)               504521.98
3634275.90       17.81857  (20082024)
        504571.98   3634275.90       14.64529  (20082024)               504621.98
3634275.90       12.58927  (20082024)
        504671.98   3634275.90       11.45830  (20081806)               504721.98
3634275.90       10.76955  (20081806)
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        502821.98   3634325.90        9.86052  (19121706)               502871.98
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        502971.98   3634325.90       11.54063  (19121706)               503021.98
3634325.90       11.83303  (19121706)
        503071.98   3634325.90       12.08234  (19121706)               503121.98
3634325.90       12.39159  (21011719)
        503171.98   3634325.90       13.06120  (21011719)               503221.98
3634325.90       14.51083  (20120224)
        503271.98   3634325.90       17.37590  (20120224)               504171.98
3634325.90       34.32604  (21012617)
        504221.98   3634325.90       28.57683  (21122106)               504271.98
3634325.90       26.90989  (20082303)
        504321.98   3634325.90       29.96598  (20082303)               504371.98
3634325.90       29.18153  (19042006)
        504421.98   3634325.90       25.54151  (20082024)               504471.98
3634325.90       23.05295  (20082024)
        504521.98   3634325.90       19.03534  (20082024)               504571.98
3634325.90       15.32487  (20082024)
        504621.98   3634325.90       13.02669  (20082024)               504671.98
3634325.90       11.73907  (20082024)
        504721.98   3634325.90       11.02452  (20082024)               502721.98
3634375.90        9.09041  (21121424)
        502771.98   3634375.90        9.37893  (21121424)               502821.98
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3634375.90        9.85755  (19121706)
        503021.98   3634375.90       11.39222  (19121706)                503071.98
3634375.90       11.70590  (19121706)
        503121.98   3634375.90       12.06325  (21011719)                503171.98
3634375.90       12.68908  (21011719)
        503221.98   3634375.90       14.67025  (20120224)                503271.98
3634375.90       17.18409  (20120224)
        504221.98   3634375.90       32.25893  (21012617)                504271.98
3634375.90       25.69384  (21012617)
        504321.98   3634375.90       21.11829  (21012617)                504371.98
3634375.90       32.60319  (20092620)
        504421.98   3634375.90       27.23801  (20082106)                504471.98
3634375.90       20.94320  (20082106)
        504521.98   3634375.90       16.94290  (20082024)                504571.98
3634375.90       15.14144  (20082024)
        504621.98   3634375.90       13.83657  (20082024)                504671.98
3634375.90       12.79615  (20082024)
        504721.98   3634375.90       11.96979  (20082024)                502721.98
3634425.90        9.02191  (21121424)
        502771.98   3634425.90        9.32082  (19121706)                502821.98
3634425.90        9.85237  (19121706)
        504271.98   3634425.90       29.77067  (21012617)                504321.98
3634425.90       24.56231  (21012617)
        504371.98   3634425.90       36.46936  (19030707)                504421.98
3634425.90       31.62702  (20082302)
        504471.98   3634425.90       23.71604  (20082302)                504521.98
3634425.90       19.36791  (20082106)
        504571.98   3634425.90       17.34539  (20082106)                504621.98
3634425.90       15.72070  (20082106)
        504671.98   3634425.90       13.91790  (20082024)                504721.98
3634425.90       12.86518  (20082024)
        502721.98   3634475.90        9.01149  (21121424)                502771.98
3634475.90        9.57404  (19121706)
        502821.98   3634475.90       10.02365  (19121706)                504321.98
3634475.90       27.27980  (21012617)
        504371.98   3634475.90       23.35601  (21012617)                504421.98
3634475.90       33.03830  (19030707)
        504471.98   3634475.90       29.59054  (20082302)                504521.98
3634475.90       26.44454  (20082302)
        504571.98   3634475.90       23.51892  (20082302)                504621.98
3634475.90       21.13734  (20082106)
        504671.98   3634475.90       18.15634  (20082106)                504721.98
3634475.90       15.11703  (20082106)
        502721.98   3634525.90        9.11050  (19121706)                502771.98
3634525.90        9.55796  (19121706)
        504371.98   3634525.90       25.05440  (21012617)                504421.98
3634525.90       21.99331  (21012617)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504471.98 | 3634525.90 | 18.82845 | (21012617) | 504521.98 | 3634525.90 | 28.57056 | (19030707) |
| 504571.98 | 3634525.90 | 25.96285 | (20092620) | 504621.98 | 3634525.90 | 25.39422 | (20092620) |
| 504671.98 | 3634525.90 | 22.26766 | (20082302) | 504721.98 | 3634525.90 | 18.45958 | (20082106) |
| 502721.98 | 3634575.90 | 9.12170 | (19121706) | 502771.98 | 3634575.90 | 9.48877 | (19121706) |
| 504421.98 | 3634575.90 | 22.89288 | (21012617) | 504471.98 | 3634575.90 | 20.68029 | (21012617) |
| 504521.98 | 3634575.90 | 18.27218 | (21012617) | 504571.98 | 3634575.90 | 15.86437 | (21012617) |
| 504621.98 | 3634575.90 | 25.08723 | (19030707) | 504671.98 | 3634575.90 | 23.84895 | (20092620) |
| 504721.98 | 3634575.90 | 22.56072 | (20082302) | 502721.98 | 3634625.90 | 9.07604 | (19121706) |
| 502771.98 | 3634625.90 | 9.33520 | (19121706) | 502821.98 | 3634625.90 | 9.55712 | (19121706) |
| 502871.98 | 3634625.90 | 9.67434 | (19121706) | 502921.98 | 3634625.90 | 9.76475 | (19121706) |
| 502971.98 | 3634625.90 | 9.89342 | (19121706) | 503021.98 | 3634625.90 | 10.06511 | (19121706) |
| 503071.98 | 3634625.90 | 10.27585 | (19121706) | 503121.98 | 3634625.90 | 10.83254 | (20120224) |

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        504471.98   3634625.90       21.11628  (21012617)               504521.98
3634625.90       19.45235  (21012617)
        504571.98   3634625.90       17.48516  (21012617)               504621.98
3634625.90       15.61285  (21012617)
        504671.98   3634625.90       13.91900  (21012617)               504721.98
3634625.90       21.99766  (19030707)
        502721.98   3634675.90        8.99341  (19121706)               502771.98
3634675.90        9.19566  (19121706)
        502821.98   3634675.90        9.35848  (19121706)               502871.98
3634675.90        9.45477  (19121706)
        502921.98   3634675.90        9.54221  (19121706)               502971.98
3634675.90        9.68360  (19121706)
        503021.98   3634675.90        9.81775  (19121706)               503071.98
3634675.90        9.99193  (19121706)
        503121.98   3634675.90       11.10272  (20120224)               503171.98
3634675.90       13.09801  (20120224)
        503221.98   3634675.90       14.56215  (20120224)               503271.98
3634675.90       15.28332  (20120224)
        503321.98   3634675.90       16.79867  (21021806)               503371.98
3634675.90       18.69046  (21021806)
        503421.98   3634675.90       19.73999  (21021806)               503471.98
3634675.90       20.29344  (21021806)
        503521.98   3634675.90       22.86771  (21012024)               504521.98
3634675.90       19.47592  (21012617)
        504571.98   3634675.90       18.24717  (21012617)               504621.98
3634675.90       16.70836  (21012617)
        504671.98   3634675.90       15.06292  (21012617)               504721.98
3634675.90       13.54543  (21012617)
        502721.98   3634725.90        8.87065  (19121706)               502771.98
3634725.90        9.01525  (19121706)
        502821.98   3634725.90        9.11689  (19121706)               502871.98
3634725.90        9.23959  (19121706)
        502921.98   3634725.90        9.31811  (19121706)               502971.98
3634725.90        9.43347  (19121706)
        503021.98   3634725.90        9.57500  (19121706)               503071.98
3634725.90        9.75262  (19020322)
        503121.98   3634725.90       11.27030  (20120224)               503171.98
3634725.90       13.03193  (20120224)
        503221.98   3634725.90       14.25412  (20120224)               503271.98
3634725.90       14.92949  (20120224)
        503321.98   3634725.90       16.69088  (21021806)               503371.98
3634725.90       18.37518  (21021806)
        503421.98   3634725.90       19.25720  (21021806)               503471.98
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        503521.98   3634725.90       22.79310  (21012024)               503571.98
3634725.90       25.07243  (21012024)
        503621.98   3634725.90       25.72968  (21012024)               504571.98
3634725.90       18.03449  (21012617)
        504621.98   3634725.90       17.20477  (21012617)               504671.98
3634725.90       15.93342  (21012617)
```

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502971.98   3634775.90        9.17977  (19121706)                503021.98
3634775.90        9.40762  (19020322)
        503071.98   3634775.90        9.56881  (19020322)                503121.98
3634775.90       11.38058  (20120224)
        503171.98   3634775.90       12.92205  (20120224)                503221.98
3634775.90       13.93850  (20120224)
        503271.98   3634775.90       14.51662  (20120224)                503321.98
3634775.90       16.42041  (21021806)
        503371.98   3634775.90       17.84106  (21021806)                503421.98
3634775.90       18.57707  (21021806)
        503471.98   3634775.90       18.81525  (21021806)                503521.98
3634775.90       21.93530  (21012024)
        503571.98   3634775.90       24.34488  (21012024)                503621.98
3634775.90       25.28875  (21012024)
        503671.98   3634775.90       24.91369  (21012024)                503721.98

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3634775.90       23.44207  (21012024)
        503771.98   3634775.90       21.35773  (21012024)                503821.98
3634775.90       20.88204  (21041323)
        504621.98   3634775.90       16.77401  (21012617)                504671.98
3634775.90       16.19854  (21012617)
        504721.98   3634775.90       15.19768  (21012617)                502721.98
3634825.90        8.53701  (19121706)
        502771.98   3634825.90        8.63187  (19121706)                502821.98
3634825.90        8.69368  (19121706)
        502871.98   3634825.90        8.75587  (19121706)                502921.98
3634825.90        8.86482  (19121706)
        502971.98   3634825.90        9.01846  (19020322)                503021.98
3634825.90        9.23459  (19020322)
        503071.98   3634825.90        9.77104  (20120224)                503121.98
3634825.90       11.45671  (20120224)
        503171.98   3634825.90       12.74987  (20120224)                503221.98
3634825.90       13.64419  (20120224)
        503271.98   3634825.90       14.26915  (21021806)                503321.98
3634825.90       16.21203  (21021806)
        503371.98   3634825.90       17.60511  (21021806)                503421.98
3634825.90       18.21355  (21021806)
        503471.98   3634825.90       18.18050  (21021806)                503521.98
3634825.90       21.34582  (21012024)
        503571.98   3634825.90       23.51077  (21012024)                503621.98
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        503671.98   3634825.90       23.97011  (21012024)                503721.98
3634825.90       22.55861  (21012024)
        503771.98   3634825.90       20.55171  (21012024)                503821.98
3634825.90       20.15686  (21041323)
        503871.98   3634825.90       20.07490  (21041323)                503921.98
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        504671.98   3634825.90       15.64119  (21012617)                504721.98
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3634875.90        8.40811  (19121706)
        502821.98   3634875.90        8.46566  (19121706)                502871.98
3634875.90        8.51532  (19121706)
        502921.98   3634875.90        8.62180  (19121706)                502971.98
3634875.90        8.85944  (19020322)
        503021.98   3634875.90        9.02908  (19020322)                503071.98
3634875.90        9.96839  (20120224)
        503121.98   3634875.90       11.49229  (20120224)                503171.98
3634875.90       12.59348  (20120224)
        503221.98   3634875.90       13.36588  (20120224)                503271.98
3634875.90       14.35100  (21021806)
        503321.98   3634875.90       16.16347  (21021806)                503371.98
3634875.90       17.22118  (21021806)
        503421.98   3634875.90       17.64093  (21021806)                503471.98
3634875.90       17.55578  (21021806)
        503521.98   3634875.90       20.75463  (21012024)                503571.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        503021.98   3634925.90        8.80016  (19020322)                503071.98
3634925.90       10.09403  (20120224)
        503121.98   3634925.90       11.47571  (20120224)                503171.98
3634925.90       12.49693  (20120224)
        503221.98   3634925.90       13.14240  (20120224)                503271.98
3634925.90       14.29023  (21021806)

503321.98 3634925.90 15.86784 (21021806) 503371.98
3634925.90 16.79950 (21021806)
503421.98 3634925.90 17.11158 (21021806) 503471.98
3634925.90 17.11646 (21012024)
503521.98 3634925.90 20.14318 (21012024) 503571.98
3634925.90 22.07985 (21012024)
503621.98 3634925.90 22.72458 (21012024) 503671.98
3634925.90 22.24081 (21012024)
503721.98 3634925.90 20.95337 (21012024) 503771.98
3634925.90 18.91160 (21012024)
503821.98 3634925.90 18.28713 (21041323) 503871.98
3634925.90 18.47283 (21041323)
502721.98 3634975.90 7.95575 (19121706) 502771.98
3634975.90 7.97955 (19121706)
502821.98 3634975.90 8.02948 (19121706) 502871.98
3634975.90 8.09522 (19121706)
502921.98 3634975.90 8.36786 (19020322) 502971.98
3634975.90 8.44882 (19020322)
503021.98 3634975.90 8.67962 (20120224) 503071.98
3634975.90 10.17999 (20120224)
503121.98 3634975.90 11.43322 (20120224) 503171.98
3634975.90 12.23756 (20120224)
503221.98 3634975.90 12.73390 (20120224) 503271.98
3634975.90 14.04032 (21021806)
503321.98 3634975.90 15.42765 (21021806) 503371.98
3634975.90 16.23473 (21021806)
503421.98 3634975.90 16.56482 (21021806) 503471.98
3634975.90 16.67936 (21012024)
503521.98 3634975.90 19.55285 (21012024) 503571.98
3634975.90 21.33934 (21012024)
503621.98 3634975.90 21.90421 (21012024) 503671.98
3634975.90 21.40488 (21012024)
503721.98 3634975.90 20.18022 (21012024) 503771.98
3634975.90 21.09366 (21012024)
503821.98 3634975.90 18.28444 (21012024) 503871.98
3634975.90 33.18487 (19122420)
502721.98 3635025.90 7.76743 (19121706) 502771.98
3635025.90 7.80849 (19121706)
502821.98 3635025.90 7.84908 (19121706) 502871.98
3635025.90 8.01791 (19020322)
502921.98 3635025.90 8.18829 (19020322) 502971.98
3635025.90 8.29978 (19020322)
503021.98 3635025.90 8.87586 (20120224) 503071.98
3635025.90 10.26578 (20120224)
503121.98 3635025.90 11.37368 (20120224) 503171.98
3635025.90 12.08406 (20120224)
503221.98 3635025.90 12.48289 (20120224) 503271.98
3635025.90 13.96612 (21021806)
503321.98 3635025.90 15.19728 (21021806) 503371.98
3635025.90 15.86736 (21021806)

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        503421.98   3635025.90       16.03553  (21021806)               503471.98
3635025.90       16.30334  (21012024)
        503521.98   3635025.90       18.95815  (21012024)               503571.98
3635025.90       20.64796  (21012024)
        503621.98   3635025.90       21.20343  (21012024)               503671.98
3635025.90       20.74393  (21012024)
        503721.98   3635025.90       20.77476  (21012024)               503771.98
3635025.90       20.51270  (21012024)
        503821.98   3635025.90       22.32608  (19122420)               504371.98
3635025.90        7.28208  (20040223)
        502721.98   3635075.90        7.59870  (19121706)               502771.98
3635075.90        7.63314  (19121706)
        502821.98   3635075.90        7.70778  (19020322)               502871.98
3635075.90        7.89863  (19020322)
        502921.98   3635075.90        8.05198  (19020322)               502971.98
3635075.90        8.14502  (19020322)
        503021.98   3635075.90        9.02605  (20120224)               503071.98
3635075.90       10.29441  (20120224)
        503121.98   3635075.90       11.26863  (20120224)               503171.98
3635075.90       11.87912  (20120224)
        503221.98   3635075.90       12.25865  (21021806)               503271.98
3635075.90       13.83923  (21021806)
        503321.98   3635075.90       14.93018  (21021806)               503371.98
3635075.90       15.46295  (21021806)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 978
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3635175.90        9.25097  (20120224)
        503071.98   3635175.90       10.28423  (20120224)                503121.98
3635175.90       11.01685  (20120224)
        503171.98   3635175.90       11.43574  (20120224)                503221.98
3635175.90       12.26361  (21021806)
        503271.98   3635175.90       13.54659  (21021806)                503321.98
3635175.90       14.39785  (21021806)
        503371.98   3635175.90       14.70717  (21021806)                503421.98
3635175.90       14.51684  (21021806)
        503471.98   3635175.90       15.31137  (21012024)                503521.98
3635175.90       17.48068  (21012024)
        503571.98   3635175.90       18.96284  (21012024)                503621.98
3635175.90       19.32292  (21012024)
        503671.98   3635175.90       18.81970  (21012024)                503721.98
3635175.90       20.61723  (21012024)
        503771.98   3635175.90       19.03586  (19072223)                503821.98
3635175.90       25.93839  (19122420)
        504371.98   3635175.90       10.09819  (21013118)                504421.98
3635175.90        7.03516  (21013118)
        504471.98   3635175.90        6.21301  (20040223)                504521.98
3635175.90        7.59487  (20040223)
        504571.98   3635175.90        8.77149  (20040223)                504621.98
3635175.90       10.26223  (20011620)
        502721.98   3635225.90        7.07231  (19121706)                502771.98
3635225.90        7.25180  (19020322)
        502821.98   3635225.90        7.43105  (19020322)                502871.98
3635225.90        7.54463  (19020322)
        502921.98   3635225.90        7.59325  (19020322)                502971.98
3635225.90        8.16965  (20120224)
        503021.98   3635225.90        9.31168  (20120224)                503071.98
3635225.90       10.22615  (20120224)
        503121.98   3635225.90       10.84961  (20120224)                503171.98
3635225.90       11.17814  (20120224)


                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620

, L0000621    , L0000622    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 12.12881 | (21021806) | 503271.98 | 3635225.90 | 13.27255 | (21021806) |
| 503321.98 | 3635225.90 | 13.95933 | (21021806) | 503371.98 | 3635225.90 | 14.19735 | (21021806) |
| 503421.98 | 3635225.90 | 14.03941 | (21021806) | 503471.98 | 3635225.90 | 14.84373 | (21012024) |
| 503521.98 | 3635225.90 | 17.04876 | (21012024) | 503571.98 | 3635225.90 | 18.41719 | (21012024) |
| 503621.98 | 3635225.90 | 18.81420 | (21012024) | 503671.98 | 3635225.90 | 19.61858 | (21012024) |
| 504371.98 | 3635225.90 | 11.10398 | (21013118) | 504421.98 | 3635225.90 | 7.94789 | (21013118) |
| 504471.98 | 3635225.90 | 5.98030 | (19031219) | 504521.98 | 3635225.90 | 6.34668 | (20040223) |
| 504571.98 | 3635225.90 | 7.58633 | (20040223) | 504621.98 | 3635225.90 | 8.59132 | (20040223) |
| 502721.98 | 3635275.90 | 6.98988 | (19020322) | 502771.98 | 3635275.90 | 7.22262 | (19020322) |
| 502821.98 | 3635275.90 | 7.36088 | (19020322) | 502871.98 | 3635275.90 | 7.41795 | (19020322) |
| 502921.98 | 3635275.90 | 7.44260 | (19020322) | 502971.98 | 3635275.90 | 8.31712 | (20120224) |
| 503021.98 | 3635275.90 | 9.38254 | (20120224) | 503071.98 | 3635275.90 | 10.20515 | (20120224) |
| 503121.98 | 3635275.90 | 10.74377 | (20120224) | 503171.98 | 3635275.90 | 10.99771 | (20120224) |
| 503221.98 | 3635275.90 | 12.07296 | (21021806) | 503271.98 | 3635275.90 | 13.12431 | (21021806) |
| 503321.98 | 3635275.90 | 13.69831 | (21021806) | 503371.98 | 3635275.90 | 13.88191 | (21021806) |
| 503421.98 | 3635275.90 | 13.64343 | (21021806) | 503471.98 | 3635275.90 | 14.54139 | (21012024) |
| 503521.98 | 3635275.90 | 16.45168 | (21012024) | 503571.98 | 3635275.90 | 17.82173 | (21012024) |
| 503621.98 | 3635275.90 | 18.20699 | (21012024) | 504371.98 | 3635275.90 | 12.05478 | (21013118) |
| 504421.98 | 3635275.90 | 8.90059 | (21013118) | 504471.98 | 3635275.90 | 6.26485 | (21013118) |

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        504521.98   3635275.90        5.58451  (19031219)                504571.98
3635275.90        6.43750  (20040223)
        504621.98   3635275.90        7.53475  (20040223)                504671.98
3635275.90        8.48316  (20011620)
        502721.98   3635325.90        6.95318  (19020322)                502771.98
3635325.90        7.13376  (19020322)
        502821.98   3635325.90        7.23122  (19020322)                502871.98
3635325.90        7.26703  (19020322)
        502921.98   3635325.90        7.29868  (20120224)                502971.98
3635325.90        8.41955  (20120224)
        503021.98   3635325.90        9.39052  (20120224)                503071.98
3635325.90       10.11380  (20120224)
        503121.98   3635325.90       10.56600  (20120224)                503171.98
3635325.90       10.78748  (21021806)
        503221.98   3635325.90       11.99867  (21021806)                503271.98
3635325.90       12.93985  (21021806)
        503321.98   3635325.90       13.43894  (21021806)                503371.98
3635325.90       13.54637  (21021806)
        503421.98   3635325.90       13.27965  (21021806)                503471.98
3635325.90       14.30125  (21012024)
        503521.98   3635325.90       16.06473  (21012024)                503571.98
3635325.90       17.24866  (21012024)
        503621.98   3635325.90       17.62953  (21012024)                504371.98
3635325.90       12.84609  (21013118)
        504421.98   3635325.90        9.78500  (21013118)                504471.98
3635325.90        7.06900  (21013118)
        504521.98   3635325.90        5.48401  (19031219)                504571.98
3635325.90        5.37529  (20040223)
        504621.98   3635325.90        6.48517  (20040223)                504671.98
3635325.90        7.45807  (20040223)
        504721.98   3635325.90        8.44139  (20011620)                502721.98
3635375.90        6.90757  (19020322)
        502771.98   3635375.90        7.09770  (19020322)                502821.98
3635375.90        7.15883  (19020322)
        502871.98   3635375.90        7.16043  (19020322)                502921.98
3635375.90        7.50601  (20120224)
        502971.98   3635375.90        8.50397  (20120224)                503021.98
3635375.90        9.42154  (20120224)
        503071.98   3635375.90       10.07494  (20120224)                503121.98
3635375.90       10.38520  (20120224)
        503171.98   3635375.90       10.79482  (21021806)                503221.98
3635375.90       11.90788  (21021806)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                  PAGE 980
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 12.74289 | (21021806) | 503321.98 | 3635375.90 | 13.16803 | (21021806) |
| 503371.98 | 3635375.90 | 13.19816 | (21021806) | 503421.98 | 3635375.90 | 12.88370 | (21021806) |
| 503471.98 | 3635375.90 | 14.01111 | (21012024) | 503521.98 | 3635375.90 | 15.70014 | (21012024) |
| 503571.98 | 3635375.90 | 16.77644 | (21012024) | 503621.98 | 3635375.90 | 17.03016 | (21012024) |
| 503671.98 | 3635375.90 | 16.54437 | (21012024) | 503721.98 | 3635375.90 | 17.86477 | (21012024) |
| 504371.98 | 3635375.90 | 13.47864 | (21013118) | 504421.98 | 3635375.90 | 10.59898 | (21013118) |
| 504471.98 | 3635375.90 | 7.86781 | (21013118) | 504521.98 | 3635375.90 | 5.60298 | (21013118) |
| 504571.98 | 3635375.90 | 5.13717 | (19031219) | 504621.98 | 3635375.90 | 5.49581 | (20040223) |
| 504671.98 | 3635375.90 | 6.50015 | (20040223) | 504721.98 | 3635375.90 | 7.35335 | (20040223) |
| 502721.98 | 3635425.90 | 6.84579 | (19020322) | 502771.98 | 3635425.90 | 6.95911 | (19020322) |
| 502821.98 | 3635425.90 | 6.95850 | (19020322) | 502871.98 | 3635425.90 | 6.91588 | (19020322) |
| 502921.98 | 3635425.90 | 7.63044 | (20120224) | 502971.98 | 3635425.90 | 8.62156 | (20120224) |
| 503021.98 | 3635425.90 | 9.40615 | (20120224) | 503071.98 | 3635425.90 | 9.94673 | (20120224) |
| 503121.98 | 3635425.90 | 10.17399 | (20120224) | 503171.98 | 3635425.90 | 10.77595 | (21021806) |
| 503221.98 | 3635425.90 | 11.86349 | (21021806) | 503271.98 | | | |

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3635425.90       12.64063  (21021806)
        503321.98   3635425.90       12.95775  (21021806)                503371.98
3635425.90       12.89893  (21021806)
        503421.98   3635425.90       12.53442  (21021806)                503471.98
3635425.90       13.83006  (21012024)
        503521.98   3635425.90       15.45739  (21012024)                503571.98
3635425.90       16.39954  (21012024)
        503621.98   3635425.90       16.56916  (21012024)                503671.98
3635425.90       16.04216  (21012024)
        503721.98   3635425.90       15.35176  (21012024)                503771.98
3635425.90       15.28644  (21012024)
        503821.98   3635425.90       13.24416  (21012024)                504371.98
3635425.90       13.95624  (21013118)
        504421.98   3635425.90       11.32963  (21013118)                504471.98
3635425.90        8.65800  (21013118)
        504521.98   3635425.90        6.30508  (21013118)                504571.98
3635425.90        5.05105  (19031219)
        504621.98   3635425.90        4.81966  (19031219)                504671.98
3635425.90        5.57870  (20040223)
        504721.98   3635425.90        6.48394  (20040223)                502721.98
3635475.90        6.77144  (19020322)
        502771.98   3635475.90        6.79569  (19020322)                502821.98
3635475.90        6.77818  (19020322)
        502871.98   3635475.90        6.72347  (19020322)                502921.98
3635475.90        7.73607  (20120224)
        502971.98   3635475.90        8.62705  (20120224)                503021.98
3635475.90        9.32910  (20120224)
        503071.98   3635475.90        9.78548  (20120224)                503121.98
3635475.90        9.96017  (20120224)
        503171.98   3635475.90       10.73834  (21021806)                503221.98
3635475.90       11.76240  (21021806)
        503271.98   3635475.90       12.42052  (21021806)                503321.98
3635475.90       12.67289  (21021806)
        503371.98   3635475.90       12.56019  (21021806)                503421.98
3635475.90       12.15937  (21021806)
        503471.98   3635475.90       13.57292  (21012024)                503521.98
3635475.90       15.10228  (21012024)
        503571.98   3635475.90       15.98408  (21012024)                503621.98
3635475.90       16.10715  (21012024)
        503671.98   3635475.90       15.53663  (21012024)                503721.98
3635475.90       14.29916  (21012024)
        503771.98   3635475.90       13.70668  (21012024)                503821.98
3635475.90       11.83791  (21012024)
        503871.98   3635475.90       11.57424  (21041323)                503921.98
3635475.90       11.80078  (21041323)
        504371.98   3635475.90       14.24207  (21013118)                504421.98
3635475.90       11.92182  (21013118)
        504471.98   3635475.90        9.38477  (21013118)                504521.98
3635475.90        7.00649  (21013118)
        504571.98   3635475.90        5.04377  (21013118)                504621.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504671.98   3635475.90        4.72350  (20040223)               504721.98   3635475.90        5.63357  (20040223)
        502221.98   3632975.90        6.87392  (21012320)               502271.98   3632975.90        6.94999  (21012320)
        502321.98   3632975.90        7.28828  (21111004)               502371.98   3632975.90        7.60268  (21111004)
        502421.98   3632975.90        7.88294  (21111004)               502471.98   3632975.90        8.12717  (21111004)
        502521.98   3632975.90        8.30282  (21111004)               502571.98   3632975.90        8.47286  (21111004)
        502621.98   3632975.90        8.62736  (21111004)               502671.98   3632975.90        8.77777  (21111004)
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        502821.98   3632975.90        9.45262  (21111004)               502871.98   3632975.90       25.04307  (20122620)
        502921.98   3632975.90       24.99890  (20122620)               502971.98   3632975.90       24.91985  (21030103)
        503021.98   3632975.90       27.32016  (20092222)               503071.98   3632975.90       36.19568  (21030103)

503121.98 3632975.90 40.98401 (20121603) 503171.98
3632975.90 37.64802 (20121603)
503221.98 3632975.90 36.24221 (20121603) 503271.98
3632975.90 40.73369 (21063005)
503321.98 3632975.90 46.70944 (20102407) 503371.98
3632975.90 55.25643 (20111701)
503421.98 3632975.90 65.87866 (20111701) 503471.98
3632975.90 88.86477 (19110606)
503621.98 3632975.90 88.49175 (21082504) 503671.98
3632975.90 72.01695 (20032321)
503721.98 3632975.90 47.55920 (20081603) 503771.98
3632975.90 34.74022 (20081603)
503821.98 3632975.90 21.47446 (20081805) 503871.98
3632975.90 17.03204 (20082105)
503921.98 3632975.90 15.23958 (20082105) 503971.98
3632975.90 13.75400 (20082105)
504021.98 3632975.90 12.60840 (21011418) 504071.98
3632975.90 11.67587 (21011418)
504121.98 3632975.90 10.79562 (21011418) 504171.98
3632975.90 10.00738 (21011418)
504221.98 3632975.90 9.34554 (20110517) 504271.98
3632975.90 8.90635 (20110517)
504321.98 3632975.90 8.49880 (20110517) 504371.98
3632975.90 8.11593 (20110517)
504421.98 3632975.90 7.76483 (20110517) 504471.98
3632975.90 7.44388 (20110517)
504521.98 3632975.90 7.15219 (20110517) 504571.98
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3632975.90 5.49050 (21011317)
505021.98 3632975.90 5.36107 (21011317) 505071.98
3632975.90 5.24007 (21011317)
505121.98 3632975.90 5.12843 (21011317) 505171.98
3632975.90 5.00891 (21011317)
505221.98 3632975.90 4.89401 (21011317) 502221.98
3633025.90 6.99073 (21012320)
502271.98 3633025.90 7.17314 (21012320) 502321.98
3633025.90 7.24032 (21012320)
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3633025.90 7.86718 (21111004)
502471.98 3633025.90 8.17398 (21111004) 502521.98
3633025.90 8.45857 (21111004)
502571.98 3633025.90 8.70832 (21111004) 502621.98
3633025.90 8.94131 (21111004)

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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- - - - - - - - - - - - - - - - - - - - - - - - - -
        503171.98   3633025.90       37.62850  (20121603)                503221.98
3633025.90       38.30449  (20121603)
        503271.98   3633025.90       40.59144  (21063005)                503321.98
3633025.90       44.59898  (21063005)
        503371.98   3633025.90       56.41306  (20102407)                503421.98
3633025.90       73.45615  (20111701)
        503471.98   3633025.90       88.76508  (19110606)                503621.98
3633025.90       97.97558  (21082504)
        503671.98   3633025.90       71.49003  (20032321)                503721.98
3633025.90       49.95108  (20081603)
        503771.98   3633025.90       30.00642  (20081603)                503821.98

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3633025.90       19.80624  (20082105)
        503871.98   3633025.90       16.93225  (20082105)                503921.98
3633025.90       15.06664  (20082105)
        503971.98   3633025.90       13.63851  (21011418)                504021.98
3633025.90       12.49170  (21011418)
        504071.98   3633025.90       11.44585  (21011418)                504121.98
3633025.90       10.53767  (21011418)
        504171.98   3633025.90        9.80325  (20110517)                504221.98
3633025.90        9.29626  (20110517)
        504271.98   3633025.90        8.83115  (20110517)                504321.98
3633025.90        8.40641  (20110517)
        504371.98   3633025.90        8.01743  (20110517)                504421.98
3633025.90        7.66922  (20110517)
        504471.98   3633025.90        7.37477  (21011317)                504521.98
3633025.90        7.11862  (21011317)
        504571.98   3633025.90        6.88242  (21011317)                504621.98
3633025.90        6.66434  (21011317)
        504671.98   3633025.90        6.46288  (21011317)                504721.98
3633025.90        6.27572  (21011317)
        504771.98   3633025.90        6.10102  (21011317)                504821.98
3633025.90        5.93529  (21011317)
        504871.98   3633025.90        5.78260  (21011317)                504921.98
3633025.90        5.63817  (21011317)
        504971.98   3633025.90        5.50004  (21011317)                505021.98
3633025.90        5.36729  (21011317)
        505071.98   3633025.90        5.24429  (21011317)                505121.98
3633025.90        5.13040  (21011317)
        505171.98   3633025.90        5.00662  (21011317)                505221.98
3633025.90        4.88734  (21011317)
        502221.98   3633075.90        7.23489  (21012320)                502271.98
3633075.90        7.40452  (21012320)
        502321.98   3633075.90        7.50156  (21012320)                502371.98
3633075.90        7.61043  (21012320)
        502421.98   3633075.90        7.73623  (21012320)                502471.98
3633075.90        8.10900  (21111004)
        502521.98   3633075.90        8.48513  (21111004)                502571.98
3633075.90        8.84005  (21111004)
        502621.98   3633075.90        9.14624  (21111004)                502671.98
3633075.90        9.38458  (21111004)
        502721.98   3633075.90        9.66199  (21111004)                502771.98
3633075.90        9.87849  (21111004)
        502821.98   3633075.90       10.26322  (21111004)                502871.98
3633075.90       10.56335  (21111004)
        502921.98   3633075.90       19.90594  (20122620)                502971.98
3633075.90       34.48966  (20122620)
        503021.98   3633075.90       31.44626  (20122620)                503071.98
3633075.90       31.70178  (21030103)
        503121.98   3633075.90       29.50478  (20121603)                503171.98
3633075.90       35.38534  (20121603)
        503221.98   3633075.90       37.68522  (20121603)                503271.98
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3633075.90       41.46474  (20121603)
        503321.98   3633075.90       47.21195  (21063005)                503371.98
3633075.90       58.36488  (20102407)
        503421.98   3633075.90       78.58160  (20111701)                503471.98
3633075.90       93.47301  (19081924)
        503621.98   3633075.90      104.51491  (19050105)                503671.98
3633075.90       63.52954  (21060903)
        503721.98   3633075.90       47.53126  (20081603)                503771.98
3633075.90       27.53223  (20081603)
        503821.98   3633075.90       19.26972  (20082105)                503871.98
3633075.90       16.72217  (20082105)
        503921.98   3633075.90       14.88994  (21011418)                503971.98
3633075.90       13.46483  (21011418)
        504021.98   3633075.90       12.20083  (21011418)                504071.98
3633075.90       11.16759  (20082105)
        504121.98   3633075.90       10.37939  (20082105)                504171.98
3633075.90        9.71739  (21011418)
        504221.98   3633075.90        9.18797  (20110517)                504271.98
3633075.90        8.71700  (20110517)


                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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        504421.98   3633075.90        7.67638  (21011317)              504471.98
3633075.90        7.39222  (21011317)
        504521.98   3633075.90        7.13037  (21011317)              504571.98
3633075.90        6.89016  (21011317)
        504621.98   3633075.90        6.66933  (21011317)              504671.98
3633075.90        6.46602  (21011317)
        504721.98   3633075.90        6.27639  (21011317)              504771.98
3633075.90        6.10157  (21011317)
        504821.98   3633075.90        5.93698  (21011317)              504871.98
3633075.90        5.78286  (21011317)
        504921.98   3633075.90        5.62509  (21011317)              504971.98
3633075.90        5.49186  (21011317)
        505021.98   3633075.90        5.36591  (21011317)              505071.98
3633075.90        5.24127  (21011317)
        505121.98   3633075.90        5.12304  (21011317)              505171.98
3633075.90        4.99894  (21011317)
        505221.98   3633075.90        4.89003  (20110517)              502221.98
3633125.90        7.52219  (21012320)
        502271.98   3633125.90        7.64143  (21012320)              502321.98
3633125.90        7.74694  (21012320)
        502371.98   3633125.90        7.85631  (21012320)              502421.98
3633125.90        7.98950  (21012320)
        502471.98   3633125.90        8.09994  (21012320)              502521.98
3633125.90        8.39166  (21111004)
        502571.98   3633125.90        8.82908  (21111004)              502621.98
3633125.90        9.22579  (21111004)
        502671.98   3633125.90        9.60164  (21111004)              502721.98
3633125.90        9.91595  (21111004)
        502771.98   3633125.90       10.26060  (21111004)              502821.98
3633125.90       10.54911  (21111004)
        502871.98   3633125.90       10.95723  (21111004)              502921.98
3633125.90       11.29244  (21111004)
        502971.98   3633125.90       20.45538  (20122620)              503021.98
3633125.90       26.81846  (20122620)
        503071.98   3633125.90       26.13645  (21030103)              503121.98
3633125.90       27.63270  (21030103)
        503171.98   3633125.90       29.73974  (20121603)              503221.98
3633125.90       36.62195  (20121603)
        503271.98   3633125.90       42.76224  (20121603)              503321.98
3633125.90       44.88204  (21063005)
        503371.98   3633125.90       56.48783  (20102407)              503421.98
3633125.90       82.46080  (20111701)
        503471.98   3633125.90       98.83159  (19081924)              503621.98
3633125.90      114.77825  (20032321)
        503671.98   3633125.90       55.50370  (20081603)              503721.98
3633125.90       41.74241  (20081603)
        503771.98   3633125.90       23.80052  (20081603)              503821.98
3633125.90       18.85693  (20082105)
        503871.98   3633125.90       16.43680  (21011418)              503921.98
3633125.90       14.61245  (21011418)
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        503971.98   3633125.90       13.14329  (20082105)                504021.98
3633125.90       12.05551  (20082105)
        504071.98   3633125.90       11.13773  (20082105)                504121.98
3633125.90       10.36308  (20082105)
        504171.98   3633125.90        9.72409  (21011418)                504221.98
3633125.90        9.17569  (20041201)
        504271.98   3633125.90        8.73344  (20041201)                504321.98
3633125.90        8.34741  (21011317)
        504371.98   3633125.90        8.00284  (21011317)                504421.98
3633125.90        7.69026  (21011317)
        504471.98   3633125.90        7.40029  (21011317)                504521.98
3633125.90        7.13334  (21011317)
        504571.98   3633125.90        6.88858  (21011317)                504621.98
3633125.90        6.66637  (21011317)
        504671.98   3633125.90        6.46233  (21011317)                504721.98
3633125.90        6.27195  (21011317)
        504771.98   3633125.90        6.09572  (21011317)                504821.98
3633125.90        5.93121  (21011317)
        504871.98   3633125.90        5.76724  (21011317)                504921.98
3633125.90        5.60212  (21011317)
        504971.98   3633125.90        5.47115  (21011317)                505021.98
3633125.90        5.35328  (21011317)
        505071.98   3633125.90        5.23480  (21011317)                505121.98
3633125.90        5.12479  (20110517)
        505171.98   3633125.90        5.02396  (20110517)                505221.98
3633125.90        4.91874  (20110517)
        502221.98   3633175.90        7.75222  (21012320)                502271.98
3633175.90        7.85370  (21012320)
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*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3633175.90 | 7.96701 | (21012320) | 502371.98 | 3633175.90 | 8.14812 | (21012320) |
| 502421.98 | 3633175.90 | 8.31400 | (21012320) | 502471.98 | 3633175.90 | 8.42319 | (21012320) |
| 502521.98 | 3633175.90 | 8.58295 | (21012320) | 502571.98 | 3633175.90 | 8.77122 | (21012320) |
| 502621.98 | 3633175.90 | 9.22252 | (21111004) | 502671.98 | 3633175.90 | 9.71749 | (21111004) |
| 502721.98 | 3633175.90 | 10.21479 | (21111004) | 502771.98 | 3633175.90 | 10.64413 | (21111004) |
| 502821.98 | 3633175.90 | 11.05178 | (21111004) | 502871.98 | 3633175.90 | 11.29853 | (21111004) |
| 502921.98 | 3633175.90 | 11.68502 | (21111004) | 502971.98 | 3633175.90 | 12.01402 | (21111004) |
| 503021.98 | 3633175.90 | 13.72301 | (21030103) | 503071.98 | 3633175.90 | 17.71021 | (21030103) |
| 503121.98 | 3633175.90 | 23.12089 | (21030103) | 503171.98 | 3633175.90 | 25.91234 | (21030103) |
| 503221.98 | 3633175.90 | 34.76371 | (20121603) | 503271.98 | 3633175.90 | 43.86264 | (20121603) |
| 503321.98 | 3633175.90 | 48.65053 | (20121603) | 503371.98 | 3633175.90 | 59.60216 | (21063005) |
| 503421.98 | 3633175.90 | 81.90089 | (20102407) | 503471.98 | 3633175.90 | 104.24043 | (19081924) |
| 503621.98 | 3633175.90 | 85.58773 | (20121721) | 503671.98 | 3633175.90 | 54.70421 | (21121422) |
| 503721.98 | 3633175.90 | 33.37253 | (20081603) | 503771.98 | 3633175.90 | 21.91092 | (20081603) |
| 503821.98 | 3633175.90 | 18.70037 | (20082024) | 503871.98 | 3633175.90 | 16.72002 | (20082024) |
| 503921.98 | 3633175.90 | 15.05676 | (20082024) | 503971.98 | 3633175.90 | 13.62209 | (20082024) |
| 504021.98 | 3633175.90 | 12.29195 | (20082024) | 504071.98 | 3633175.90 | 11.13778 | (20082105) |
| 504121.98 | 3633175.90 | 10.38375 | (20082105) | 504171.98 | 3633175.90 | 9.76448 | (20082105) |
| 504221.98 | 3633175.90 | 9.24196 | (20082105) | 504271.98 | 3633175.90 | 8.78534 | (20082105) |
| 504321.98 | 3633175.90 | 8.37986 | (20041201) | 504371.98 | 3633175.90 | 8.02317 | (20041201) |
| 504421.98 | 3633175.90 | 7.69755 | (20041201) | 504471.98 | 3633175.90 | 7.40191 | (20041201) |
| 504521.98 | 3633175.90 | 7.12647 | (21011317) | 504571.98 | | | |

3633175.90  6.88076  (21011317)
  504621.98  3633175.90  6.66061  (21011317)  504671.98
3633175.90  6.45799  (21011317)
  504721.98  3633175.90  6.26763  (21011317)  504771.98
3633175.90  6.09068  (21011317)
  504821.98  3633175.90  5.92367  (21011317)  504871.98
3633175.90  5.75690  (20110517)
  504921.98  3633175.90  5.60700  (20110517)  504971.98
3633175.90  5.49117  (20110517)
  505021.98  3633175.90  5.37749  (20110517)  505071.98
3633175.90  5.26329  (20110517)
  505121.98  3633175.90  5.16135  (20110517)  505171.98
3633175.90  5.05986  (20110517)
  505221.98  3633175.90  4.95801  (20110517)  502221.98
3633225.90  7.97973  (21012320)
  502271.98  3633225.90  8.12408  (21012320)  502321.98
3633225.90  8.24504  (21012320)
  502371.98  3633225.90  8.44839  (21012320)  502421.98
3633225.90  8.60851  (21012320)
  502471.98  3633225.90  8.69762  (21012320)  502521.98
3633225.90  8.88510  (21012320)
  502571.98  3633225.90  9.06941  (21012320)  502621.98
3633225.90  9.30371  (21012320)
  502671.98  3633225.90  9.61641  (21111004)  502721.98
3633225.90  10.24476  (21111004)
  502771.98  3633225.90  10.75252  (21111004)  502821.98
3633225.90  11.26544  (21111004)
  502871.98  3633225.90  11.70267  (21111004)  502921.98
3633225.90  12.07827  (21111004)
  502971.98  3633225.90  12.43819  (21111004)  503021.98
3633225.90  13.16328  (21011719)
  503071.98  3633225.90  15.35619  (21030103)  503121.98
3633225.90  19.87845  (21030103)
  503171.98  3633225.90  24.68575  (21030103)  503221.98
3633225.90  29.78926  (20121603)
  503271.98  3633225.90  41.37931  (20121603)  503321.98
3633225.90  51.93286  (20121603)



*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604

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, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503371.98   3633225.90       67.34631  (20092124)               503421.98
3633225.90       82.64714  (20102407)
        503471.98   3633225.90      116.07428  (20111701)               503621.98
3633225.90       92.73503  (20121721)
        503671.98   3633225.90       53.52043  (21121422)               503721.98
3633225.90       30.83321  (20092424)
        503771.98   3633225.90       21.43402  (20082024)               503821.98
3633225.90       18.89484  (20082024)
        503871.98   3633225.90       16.89270  (20082024)               503921.98
3633225.90       15.28628  (20082024)
        503971.98   3633225.90       13.96625  (20082024)               504021.98
3633225.90       12.84047  (20082024)
        504071.98   3633225.90       11.78196  (20082024)               504121.98
3633225.90       10.73277  (20082024)
        504171.98   3633225.90        9.87935  (20082105)               504221.98
3633225.90        9.34254  (20082105)
        504271.98   3633225.90        8.87496  (20082105)               504321.98
3633225.90        8.46734  (20082105)
        504371.98   3633225.90        8.10818  (20082105)               504421.98
3633225.90        7.72149  (20041201)
        504471.98   3633225.90        7.42567  (20041201)               504521.98
3633225.90        7.15581  (20041201)
        504571.98   3633225.90        6.90657  (20041201)               504621.98
3633225.90        6.68064  (20041201)
        504671.98   3633225.90        6.46648  (20041201)               504721.98
3633225.90        6.26930  (20041201)
        504771.98   3633225.90        6.09534  (20110517)               504821.98
3633225.90        5.93822  (20110517)
        504871.98   3633225.90        5.78837  (20110517)               504921.98
3633225.90        5.80138  (20082306)
        504971.98   3633225.90        5.52476  (20110517)               505021.98
3633225.90        5.41692  (20110517)
        505071.98   3633225.90        5.30785  (20110517)               505121.98
3633225.90        5.20389  (20110517)
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        505171.98   3633225.90        5.10694  (20110517)               505221.98
3633225.90        5.00876  (20110517)
        502221.98   3633275.90        8.15272  (21012320)               502271.98
3633275.90        8.32118  (21012320)
        502321.98   3633275.90        8.51823  (21012320)               502371.98
3633275.90        8.70693  (21012320)
        502421.98   3633275.90        8.86103  (21012320)               502471.98
3633275.90        9.02709  (21012320)
        502521.98   3633275.90        9.21292  (21012320)               502571.98
3633275.90        9.40533  (21012320)
        502621.98   3633275.90        9.65447  (21012320)               502671.98
3633275.90        9.91179  (21012320)
        502721.98   3633275.90       10.20408  (21012320)               502771.98
3633275.90       10.72016  (21111004)
        502821.98   3633275.90       11.45303  (21111004)               502871.98
3633275.90       11.94117  (21111004)
        502921.98   3633275.90       12.39974  (21111004)               502971.98
3633275.90       12.86953  (21011719)
        503021.98   3633275.90       14.55123  (21011719)               503071.98
3633275.90       15.93845  (21011719)
        503121.98   3633275.90       17.29400  (21030103)               503171.98
3633275.90       22.52725  (21030103)
        503221.98   3633275.90       28.08519  (21030103)               503271.98
3633275.90       39.59955  (20121603)
        503321.98   3633275.90       52.82651  (20121603)               503371.98
3633275.90       71.25204  (20092124)
        503421.98   3633275.90       84.19087  (21063005)               503471.98
3633275.90      107.75706  (19080102)
        503621.98   3633275.90       81.70091  (20121721)               503671.98
3633275.90       47.93519  (21121422)
        503721.98   3633275.90       29.13082  (20092424)               503771.98
3633275.90       21.97731  (20092424)
        503821.98   3633275.90       18.91212  (20082024)               503871.98
3633275.90       16.94006  (20082024)
        503921.98   3633275.90       15.34963  (20082024)               503971.98
3633275.90       14.06914  (20082024)
        504021.98   3633275.90       13.02127  (20082024)               504071.98
3633275.90       12.09910  (20082024)
        504121.98   3633275.90       11.35169  (20082024)               504171.98
3633275.90       10.48514  (20082024)
        504221.98   3633275.90        9.62786  (20082024)               504271.98
3633275.90        8.97230  (20082105)
        504321.98   3633275.90        8.60773  (20082105)               504371.98
3633275.90        8.47829  (20082306)
        504421.98   3633275.90        7.83361  (20082105)               504471.98
3633275.90        7.45715  (20082105)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS  ***
INCLUDING SOURCE(S):  L0000595  , L0000596 , L0000597  , L0000598  , L0000599  ,
L0000600  , L0000601  , L0000602  , L0000603  , L0000604 , L0000605  , L0000606  , L0000607  ,
L0000608  , L0000609  , L0000610  , L0000611  , L0000612 , L0000613  , L0000614  , L0000615  ,
L0000616  , L0000617  , L0000618  , L0000619  , L0000620 , L0000621  , L0000622  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3633275.90 | 7.16720 | (20082105) | 504571.98 | 3633275.90 | 6.91528 | (20041201) |
| 504621.98 | 3633275.90 | 6.68916 | (20041201) | 504671.98 | 3633275.90 | 6.50016 | (20041201) |
| 504721.98 | 3633275.90 | 6.30916 | (20041201) | 504771.98 | 3633275.90 | 6.14397 | (20110517) |
| 504821.98 | 3633275.90 | 5.98165 | (20110517) | 504871.98 | 3633275.90 | 5.94754 | (20041201) |
| 504921.98 | 3633275.90 | 6.19697 | (20082306) | 504971.98 | 3633275.90 | 5.73194 | (20041201) |
| 505021.98 | 3633275.90 | 5.45374 | (20110517) | 505071.98 | 3633275.90 | 5.34562 | (20110517) |
| 505121.98 | 3633275.90 | 5.24772 | (20110517) | 505171.98 | 3633275.90 | 5.16086 | (20110517) |
| 505221.98 | 3633275.90 | 5.06683 | (20110517) | 502221.98 | 3633325.90 | 8.27133 | (21012320) |
| 502271.98 | 3633325.90 | 8.49190 | (21012320) | 502321.98 | 3633325.90 | 8.71113 | (21012320) |
| 502371.98 | 3633325.90 | 8.91372 | (21012320) | 502421.98 | 3633325.90 | 9.10747 | (21012320) |
| 502471.98 | 3633325.90 | 9.26897 | (21012320) | 502521.98 | 3633325.90 | 9.49345 | (21012320) |
| 502571.98 | 3633325.90 | 9.71790 | (21012320) | 502621.98 | 3633325.90 | 9.97417 | (21012320) |
| 502671.98 | 3633325.90 | 10.24397 | (21012320) | 502721.98 | | | |

3633325.90 10.55037 (21012320)
502771.98 3633325.90 11.05601 (21012320) 502821.98
3633325.90 11.44908 (21012320)
502871.98 3633325.90 11.90789 (21111004) 502921.98
3633325.90 12.56711 (21111004)
502971.98 3633325.90 13.66424 (21011719) 503021.98
3633325.90 14.82014 (21011719)
503071.98 3633325.90 15.93876 (21011719) 503121.98
3633325.90 17.23732 (21011719)
503171.98 3633325.90 19.65622 (21030103) 503221.98
3633325.90 25.72307 (21030103)
503271.98 3633325.90 38.41226 (21030103) 503321.98
3633325.90 51.06112 (20121603)
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3633325.90 121.52202 (20092124)
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3633325.90 71.96526 (21060422)
503671.98 3633325.90 43.60798 (20092821) 503721.98
3633325.90 27.70918 (20092424)
503771.98 3633325.90 22.79920 (20092424) 503821.98
3633325.90 18.86914 (20082024)
503871.98 3633325.90 16.89302 (20082024) 503921.98
3633325.90 15.31791 (20082024)
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3633325.90 13.49942 (20082024)
504071.98 3633325.90 12.42853 (20082024) 504121.98
3633325.90 12.19769 (20082024)
504171.98 3633325.90 10.91916 (20082024) 504221.98
3633325.90 10.11160 (20082024)
504271.98 3633325.90 9.57905 (20082024) 504321.98
3633325.90 9.61213 (20082024)
504371.98 3633325.90 9.60796 (20082303) 504421.98
3633325.90 8.27849 (20082303)
504471.98 3633325.90 7.58203 (20082105) 504521.98
3633325.90 7.25552 (20082105)
504571.98 3633325.90 6.99195 (20082105) 504621.98
3633325.90 6.75372 (21011418)
504671.98 3633325.90 6.74851 (20081806) 504721.98
3633325.90 6.46329 (20081806)
504771.98 3633325.90 6.19403 (21011418) 504821.98
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3633325.90 6.68719 (20082306)
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3633325.90 5.30739 (20110517)
505171.98 3633325.90 5.22416 (20110517) 505221.98
3633325.90 5.12854 (20110517)
502221.98 3633375.90 8.29916 (21012320) 502271.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502521.98   3633375.90        9.75460  (21012320)                502571.98
3633375.90       10.00557  (21012320)
        502621.98   3633375.90       10.27153  (21012320)                502671.98
3633375.90       10.55966  (21012320)
        502721.98   3633375.90       10.88053  (21012320)                502771.98
3633375.90       11.22876  (21012320)
        502821.98   3633375.90       11.59723  (21012320)                502871.98
3633375.90       11.95245  (21012320)
        502921.98   3633375.90       12.84303  (21011719)                502971.98
3633375.90       13.78418  (21011719)
        503021.98   3633375.90       14.80331  (21011719)                503071.98
3633375.90       15.92065  (21011719)
        503121.98   3633375.90       17.29809  (21011719)                503171.98
3633375.90       19.04034  (21011719)
        503221.98   3633375.90       22.57233  (21030103)                503271.98
3633375.90       29.69576  (21030103)

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504221.98 3633375.90 10.59358 (20082024) 504271.98
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3633375.90 7.11351 (20082105)
504621.98 3633375.90 7.09992 (20081806) 504671.98
3633375.90 7.39692 (20081806)
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3633375.90 6.32291 (21011418)
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3633425.90 17.11149 (20082301)
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3633425.90 15.32017 (21011602)
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3633425.90 12.61117 (21011602)
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3633425.90 13.83931 (20082024)
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3633425.90 7.97688 (20082303)
504671.98 3633425.90 8.06438 (20081806) 504721.98
3633425.90 7.78127 (20081806)
504771.98 3633425.90 7.12416 (20081806) 504821.98
3633425.90 6.86254 (20081806)
504871.98 3633425.90 8.05164 (20081806) 504921.98
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504971.98 3633425.90 7.39593 (20081806) 505021.98
3633425.90 6.33934 (20081806)
505071.98 3633425.90 5.69916 (20081806) 505121.98
3633425.90 5.46641 (20110517)
505171.98 3633425.90 5.35724 (20110517) 505221.98
3633425.90 5.76857 (20081806)
502221.98 3633475.90 7.76702 (21012320) 502271.98
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502321.98 3633475.90 8.52731 (21012320) 502371.98
3633475.90 8.91036 (21012320)
502421.98 3633475.90 9.29925 (21012320) 502471.98
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502521.98 3633475.90 10.06387 (21012320) 502571.98
3633475.90 10.39279 (21012320)
502621.98 3633475.90 10.74579 (21012320) 502671.98
3633475.90 11.05209 (21012320)
504771.98 3633475.90 8.83065 (20081806) 504821.98
3633475.90 8.76028 (20081806)
504871.98 3633475.90 8.57820 (20081806) 504921.98
3633475.90 8.41890 (20081806)
504971.98 3633475.90 7.61145 (20081806) 505021.98
3633475.90 6.34193 (20081806)
505071.98 3633475.90 5.79542 (20081806) 505121.98
3633475.90 5.57151 (20081806)
505171.98 3633475.90 5.51926 (20081806) 505221.98
3633475.90 5.99707 (20081806)
502221.98 3633525.90 7.21904 (21012320) 502271.98
3633525.90 7.66256 (21012320)
502321.98 3633525.90 8.10855 (21012320) 502371.98
3633525.90 8.59842 (21012320)
502421.98 3633525.90 9.09402 (21012320) 502471.98

3633525.90        9.60682  (21012320)
        502521.98   3633525.90        9.96872  (21012320)                502571.98
3633525.90       10.30731  (21012320)
        502621.98   3633525.90       10.73981  (21012320)                502671.98
3633525.90       11.13891  (21012320)
        504771.98   3633525.90        9.14574  (20082024)                504821.98
3633525.90        8.68757  (20081806)
        504871.98   3633525.90        8.52989  (20081806)                504921.98
3633525.90        8.43555  (20081806)
        504971.98   3633525.90        8.30214  (20081806)                505021.98
3633525.90        7.39583  (20081806)
        505071.98   3633525.90        6.34043  (20081806)                505121.98
3633525.90        5.74514  (20081806)
        505171.98   3633525.90        5.72646  (20081806)                505221.98
3633525.90        6.09416  (20081806)
        502221.98   3633575.90        6.88297  (19083104)                502271.98
3633575.90        7.00134  (19083104)
        502321.98   3633575.90        7.42916  (21012320)                502371.98
3633575.90        7.98934  (21012320)
        502421.98   3633575.90        8.54147  (21012320)                502471.98
3633575.90        9.06533  (21012320)
        502521.98   3633575.90        9.57222  (21012320)                502571.98
3633575.90       10.07788  (21012320)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                 INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)

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        505071.98   3633675.90        8.04937  (20082024)               505121.98
3633675.90        6.97186  (20082024)
        505171.98   3633675.90        6.63028  (20081806)               505221.98
3633675.90        7.08638  (20081806)
        502221.98   3633725.90        6.84012  (21021102)               502271.98
3633725.90        6.94921  (21021102)
        502321.98   3633725.90        7.18179  (19083104)               502371.98
3633725.90        7.54711  (21011719)
        502421.98   3633725.90        7.91053  (21011719)               502471.98
3633725.90        8.26328  (21011719)
        502521.98   3633725.90        8.62535  (21011719)               502571.98
3633725.90        9.00145  (21011719)
        502621.98   3633725.90        9.39872  (21011719)               502671.98
3633725.90        9.80829  (21011719)
        504771.98   3633725.90       10.56954  (20081806)               504821.98
3633725.90       10.31536  (20082024)
        504871.98   3633725.90        9.97214  (20082024)               504921.98
3633725.90        9.68284  (20082024)
        504971.98   3633725.90        9.40062  (20082024)               505021.98
3633725.90        9.07342  (20082024)
        505071.98   3633725.90        8.23005  (20082024)               505121.98
3633725.90        7.26160  (20082024)
        505171.98   3633725.90        7.24520  (20082024)               505221.98
3633725.90        7.28328  (20082024)
        502221.98   3633775.90        6.87540  (21021102)               502271.98
3633775.90        6.99619  (21021102)
        502321.98   3633775.90        7.37048  (21011719)               502371.98
3633775.90        7.67442  (21011719)
        502421.98   3633775.90        8.00932  (21011719)               502471.98
3633775.90        8.29537  (21011719)
        502521.98   3633775.90        8.65195  (21011719)               502571.98
3633775.90        9.02743  (21011719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 990
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633775.90 | 9.39930 | (21011719) | 502671.98 | 3633775.90 | 9.79690 | (21011719) |
| 504771.98 | 3633775.90 | 11.19182 | (20081806) | 504821.98 | 3633775.90 | 10.77643 | (20081806) |
| 504871.98 | 3633775.90 | 10.26656 | (20081806) | 504921.98 | 3633775.90 | 9.84692 | (20082024) |
| 504971.98 | 3633775.90 | 9.57066 | (20082024) | 505021.98 | 3633775.90 | 9.16869 | (20082024) |
| 505071.98 | 3633775.90 | 8.49096 | (20082024) | 505121.98 | 3633775.90 | 7.72696 | (20082024) |
| 505171.98 | 3633775.90 | 7.63912 | (20082024) | 505221.98 | 3633775.90 | 7.74425 | (20082024) |
| 502221.98 | 3633825.90 | 6.96068 | (21021102) | 502271.98 | 3633825.90 | 7.11915 | (21011719) |
| 502321.98 | 3633825.90 | 7.43295 | (21011719) | 502371.98 | 3633825.90 | 7.73124 | (21011719) |
| 502421.98 | 3633825.90 | 8.02230 | (21011719) | 502471.98 | 3633825.90 | 8.31559 | (21011719) |
| 502521.98 | 3633825.90 | 8.65076 | (21011719) | 502571.98 | 3633825.90 | 9.01524 | (21011719) |
| 502621.98 | 3633825.90 | 9.39317 | (21011719) | 502671.98 | 3633825.90 | 9.75269 | (21011719) |
| 504771.98 | 3633825.90 | 11.64644 | (20041201) | 504821.98 | 3633825.90 | 11.07980 | (20081806) |
| 504871.98 | 3633825.90 | 10.27018 | (20082024) | 504921.98 | 3633825.90 | 9.79262 | (20082024) |
| 504971.98 | 3633825.90 | 9.44545 | (20082024) | 505021.98 | 3633825.90 | 9.16736 | (20082024) |
| 505071.98 | 3633825.90 | 8.60755 | (20082024) | 505121.98 | 3633825.90 | 7.85926 | (20082024) |
| 505171.98 | 3633825.90 | 7.91182 | (20082024) | 505221.98 | 3633825.90 | 8.06981 | (20082024) |
| 502221.98 | 3633875.90 | 6.98563 | (21021102) | 502271.98 | 3633875.90 | 7.17614 | (21011719) |
| 502321.98 | 3633875.90 | 7.48859 | (21011719) | 502371.98 | 3633875.90 | 7.72427 | (21011719) |
| 502421.98 | 3633875.90 | 8.01705 | (21011719) | 502471.98 | 3633875.90 | 8.27721 | (21011719) |
| 502521.98 | 3633875.90 | 8.61165 | (21011719) | 502571.98 | | | |

3633875.90        8.96426  (21011719)
        502621.98   3633875.90        9.31116  (21011719)                502671.98
3633875.90        9.63886  (21011719)
        504771.98   3633875.90       11.90462  (20081806)                504821.98
3633875.90       11.01669  (20081806)
        504871.98   3633875.90       10.30838  (20082024)                504921.98
3633875.90        9.72102  (20082024)
        504971.98   3633875.90        9.21259  (20082024)                505021.98
3633875.90        8.75017  (20082024)
        505071.98   3633875.90        8.61340  (20082024)                505121.98
3633875.90        8.15376  (20082024)
        505171.98   3633875.90        8.22289  (20082024)                505221.98
3633875.90        8.28739  (20082024)
        502221.98   3633925.90        7.02698  (21021102)                502271.98
3633925.90        7.21699  (21011719)
        502321.98   3633925.90        7.48261  (21011719)                502371.98
3633925.90        7.69330  (21011719)
        502421.98   3633925.90        8.00026  (21011719)                502471.98
3633925.90        8.24606  (21011719)
        502521.98   3633925.90        8.54092  (21011719)                502571.98
3633925.90        8.84999  (21011719)
        502621.98   3633925.90        9.17452  (21011719)                502671.98
3633925.90        9.49223  (21011719)
        504771.98   3633925.90       11.96604  (20081806)                504821.98
3633925.90       11.00132  (20081806)
        504871.98   3633925.90       10.60627  (20082024)                504921.98
3633925.90        9.74820  (20082024)
        504971.98   3633925.90        8.83624  (20082024)                505021.98
3633925.90        8.59637  (20082024)
        505071.98   3633925.90        8.46327  (20082024)                505121.98
3633925.90        8.38819  (20082024)
        505171.98   3633925.90        8.49467  (20082024)                505221.98
3633925.90        8.49139  (20082024)
        502221.98   3633975.90        7.06447  (21021102)                502271.98
3633975.90        7.20678  (21021102)
        502321.98   3633975.90        7.42449  (21021102)                502371.98
3633975.90        7.67178  (21011719)
        502421.98   3633975.90        7.92799  (21011719)                502471.98
3633975.90        8.17315  (21011719)
        502521.98   3633975.90        8.45147  (21011719)                502571.98
3633975.90        8.72627  (21011719)


                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633975.90        9.08879  (21012023)               502671.98
3633975.90        9.46730  (21012023)
        504771.98   3633975.90       11.70037  (20082024)               504821.98
3633975.90       11.32108  (20082024)
        504871.98   3633975.90       10.90998  (20082024)               504921.98
3633975.90       10.23920  (20082024)
        504971.98   3633975.90        8.90073  (20082024)               505021.98
3633975.90        8.35348  (20082024)
        505071.98   3633975.90        8.19365  (20082024)               505121.98
3633975.90        8.62069  (20082024)
        505171.98   3633975.90        8.73842  (20082024)               505221.98
3633975.90        8.68226  (20082024)
        502221.98   3634025.90        7.04479  (21021102)               502271.98
3634025.90        7.18616  (21021102)
        502321.98   3634025.90        7.39877  (21021102)               502371.98
3634025.90        7.64340  (21021102)
        502421.98   3634025.90        7.88605  (21021102)               502471.98
3634025.90        8.14091  (21021102)
        502521.98   3634025.90        8.41443  (21021102)               502571.98
3634025.90        8.73620  (21012023)
        502621.98   3634025.90        9.14346  (21012023)               502671.98
3634025.90        9.48305  (21012023)
        504771.98   3634025.90       12.08140  (20082024)               504821.98
3634025.90       11.66406  (20082024)
        504871.98   3634025.90       11.02215  (20082024)               504921.98
3634025.90       10.07749  (20082024)
        504971.98   3634025.90        8.61694  (20082024)               505021.98
3634025.90        8.20119  (20082024)
        505071.98   3634025.90        8.19656  (20082024)               505121.98
3634025.90        8.79189  (20082024)

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        505171.98   3634025.90        9.00335  (20082024)               505221.98
3634025.90        8.89503  (20082024)
        502221.98   3634075.90        6.89857  (21011719)               502271.98
3634075.90        7.06367  (21021102)
        502321.98   3634075.90        7.27004  (21021102)               502371.98
3634075.90        7.49369  (20022207)
        502421.98   3634075.90        7.74853  (20022207)               502471.98
3634075.90        8.00978  (20022207)
        502521.98   3634075.90        8.36607  (21012023)               502571.98
3634075.90        8.78063  (21012023)
        502621.98   3634075.90        9.10929  (21012023)               502671.98
3634075.90        9.45203  (21012023)
        504771.98   3634075.90       12.39983  (20082024)               504821.98
3634075.90       11.86658  (20082024)
        504871.98   3634075.90       10.67456  (20082024)               504921.98
3634075.90        9.66900  (20082024)
        504971.98   3634075.90        8.67872  (20082024)               505021.98
3634075.90        8.29338  (20082024)
        505071.98   3634075.90        8.42775  (20082024)               505121.98
3634075.90        8.95175  (20082024)
        505171.98   3634075.90        9.24810  (20082024)               505221.98
3634075.90        9.14602  (20082024)
        502221.98   3634125.90        6.77114  (21011719)               502271.98
3634125.90        7.03377  (20022207)
        502321.98   3634125.90        7.28371  (20022207)               502371.98
3634125.90        7.55396  (20022207)
        502421.98   3634125.90        7.77211  (20022207)               502471.98
3634125.90        8.05313  (21012023)
        502521.98   3634125.90        8.36204  (21012023)               502571.98
3634125.90        8.64916  (21012023)
        502621.98   3634125.90        9.01031  (21012023)               502671.98
3634125.90        9.35743  (21012023)
        504771.98   3634125.90       11.73001  (20082024)               504821.98
3634125.90       11.27028  (20082024)
        504871.98   3634125.90       10.51561  (20082024)               504921.98
3634125.90        9.11076  (20082024)
        504971.98   3634125.90        8.82954  (20082024)               505021.98
3634125.90        8.53822  (20082024)
        505071.98   3634125.90        8.87102  (20082024)               505121.98
3634125.90        9.40094  (20082024)
        505171.98   3634125.90        9.53523  (20082024)               505221.98
3634125.90        9.41182  (20082024)
        502221.98   3634175.90        6.73891  (20022207)               502271.98
3634175.90        6.99929  (20022207)
        502321.98   3634175.90        7.20560  (20022207)               502371.98
3634175.90        7.60035  (20022207)
        502421.98   3634175.90        7.83990  (21012023)               502471.98
3634175.90        8.12056  (21012023)
        502521.98   3634175.90        8.35400  (21012023)               502571.98
3634175.90        8.58949  (21012023)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 8.81481 | (21012023) | 502671.98 | 3634175.90 | 9.08400 | (21012023) |
| 504771.98 | 3634175.90 | 10.39795 | (20082024) | 504821.98 | 3634175.90 | 9.83337 | (20082024) |
| 504871.98 | 3634175.90 | 9.43011 | (20082024) | 504921.98 | 3634175.90 | 9.20978 | (20082024) |
| 504971.98 | 3634175.90 | 9.02031 | (20082024) | 505021.98 | 3634175.90 | 9.11911 | (20082024) |
| 505071.98 | 3634175.90 | 8.99655 | (20082024) | 505121.98 | 3634175.90 | 9.69681 | (20082024) |
| 505171.98 | 3634175.90 | 9.80204 | (20082024) | 505221.98 | 3634175.90 | 9.83188 | (20041201) |
| 502221.98 | 3634225.90 | 6.80297 | (20022207) | 502271.98 | 3634225.90 | 6.98869 | (20022207) |
| 502321.98 | 3634225.90 | 7.25871 | (20022207) | 502371.98 | 3634225.90 | 7.60030 | (21012023) |
| 502421.98 | 3634225.90 | 7.88963 | (21012023) | 502471.98 | 3634225.90 | 8.12484 | (21012023) |
| 502521.98 | 3634225.90 | 8.30548 | (21012023) | 502571.98 | 3634225.90 | 8.51470 | (21012023) |
| 502621.98 | 3634225.90 | 8.70190 | (21012023) | 502671.98 | | | |

3634225.90 8.91713 (21012023)
504771.98 3634225.90 10.09072 (20041201) 504821.98
3634225.90 9.65942 (20041201)
504871.98 3634225.90 9.44848 (20041201) 504921.98
3634225.90 9.28540 (20082024)
504971.98 3634225.90 9.84329 (20082024) 505021.98
3634225.90 9.59809 (20082024)
505071.98 3634225.90 9.38666 (20082024) 505121.98
3634225.90 9.84855 (20082024)
505171.98 3634225.90 9.67363 (20082024) 505221.98
3634225.90 10.03789 (20041201)
502221.98 3634275.90 6.82436 (20022207) 502271.98
3634275.90 6.98268 (20022207)
502321.98 3634275.90 7.24254 (21012023) 502371.98
3634275.90 7.61084 (21012023)
502421.98 3634275.90 7.84359 (21012023) 502471.98
3634275.90 8.03780 (21012023)
502521.98 3634275.90 8.22456 (21012023) 502571.98
3634275.90 8.39546 (21012023)
502621.98 3634275.90 8.59532 (21012023) 502671.98
3634275.90 8.92403 (21121424)
504771.98 3634275.90 10.25449 (20081806) 504821.98
3634275.90 9.87160 (20081806)
504871.98 3634275.90 9.75361 (20081806) 504921.98
3634275.90 9.99498 (20082024)
504971.98 3634275.90 10.79659 (20082024) 505021.98
3634275.90 10.08071 (20082024)
505071.98 3634275.90 9.84961 (20082024) 505121.98
3634275.90 10.25068 (20082024)
505171.98 3634275.90 9.70479 (20082024) 505221.98
3634275.90 10.17200 (20081806)
502221.98 3634325.90 6.83273 (20022207) 502271.98
3634325.90 7.03522 (21012023)
502321.98 3634325.90 7.26130 (21012023) 502371.98
3634325.90 7.46393 (21012023)
502421.98 3634325.90 7.64188 (21012023) 502471.98
3634325.90 7.79610 (21012023)
502521.98 3634325.90 7.95556 (21012023) 502571.98
3634325.90 8.11417 (21012023)
502621.98 3634325.90 8.33243 (21121424) 502671.98
3634325.90 8.84905 (21121424)
504771.98 3634325.90 10.68205 (20082024) 504821.98
3634325.90 10.88892 (20082024)
504871.98 3634325.90 11.01196 (20082024) 504921.98
3634325.90 11.47440 (20082024)
504971.98 3634325.90 11.73498 (20082024) 505021.98
3634325.90 10.59503 (20082024)
505071.98 3634325.90 10.30643 (20082024) 505121.98
3634325.90 10.87862 (20082024)
505171.98 3634325.90 10.29148 (20082024) 505221.98

3634325.90       10.35955  (20081806)
        502221.98   3634375.90        6.87781  (21012023)                502271.98
3634375.90        7.09912  (21012023)
        502321.98   3634375.90        7.24104  (21012023)                502371.98
3634375.90        7.37310  (21012023)
        502421.98   3634375.90        7.57230  (21012023)                502471.98
3634375.90        7.76949  (21012023)
        502521.98   3634375.90        7.99674  (21012023)                502571.98
3634375.90        8.17294  (20040823)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634375.90        8.53547  (21121424)                502671.98
3634375.90        8.82786  (21121424)
        504771.98   3634375.90       11.95236  (20082024)                504821.98
3634375.90       12.77188  (20082024)
        504871.98   3634375.90       12.76235  (20082024)                504921.98
3634375.90       13.04898  (20082024)
        504971.98   3634375.90       12.62803  (20082024)                505021.98
3634375.90       11.29803  (20082024)
        505071.98   3634375.90       11.09736  (20082024)                505121.98
3634375.90       11.67189  (20082024)
        505171.98   3634375.90       11.10799  (20082024)                505221.98
3634375.90       10.71066  (20082024)

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        502221.98   3634425.90        6.97815  (21012023)               502271.98
3634425.90        7.17237  (21012023)
        502321.98   3634425.90        7.32459  (21012023)               502371.98
3634425.90        7.46536  (21012023)
        502421.98   3634425.90        7.61275  (21012023)               502471.98
3634425.90        7.73589  (21012023)
        502521.98   3634425.90        7.91374  (20040823)               502571.98
3634425.90        8.25166  (21121424)
        502621.98   3634425.90        8.66054  (21121424)               502671.98
3634425.90        8.96562  (21121424)
        504771.98   3634425.90       12.65610  (20082024)               504821.98
3634425.90       13.41144  (20082024)
        504871.98   3634425.90       14.60927  (20082024)               504921.98
3634425.90       14.93952  (20082024)
        504971.98   3634425.90       13.69430  (20082024)               505021.98
3634425.90       13.00759  (20082024)
        505071.98   3634425.90       12.93676  (20082024)               505121.98
3634425.90       12.63718  (20082024)
        505171.98   3634425.90       11.99693  (20082024)               505221.98
3634425.90       11.42943  (20082024)
        502221.98   3634475.90        6.95429  (21012023)               502271.98
3634475.90        7.10897  (21012023)
        502321.98   3634475.90        7.24540  (21012023)               502371.98
3634475.90        7.37622  (21012023)
        502421.98   3634475.90        7.50564  (21012023)               502471.98
3634475.90        7.65152  (20040823)
        502521.98   3634475.90        7.91718  (21121424)               502571.98
3634475.90        8.32757  (21121424)
        502621.98   3634475.90        8.64356  (21121424)               502671.98
3634475.90        8.88326  (21121424)
        504771.98   3634475.90       13.20794  (20082106)               504821.98
3634475.90       12.92819  (20082024)
        504871.98   3634475.90       14.53772  (20082024)               504921.98
3634475.90       15.72987  (20082024)
        504971.98   3634475.90       15.08792  (20082024)               505021.98
3634475.90       14.53997  (20082024)
        505071.98   3634475.90       14.09277  (20082024)               505121.98
3634475.90       13.50778  (20082024)
        505171.98   3634475.90       12.86516  (20082024)               505221.98
3634475.90       12.25239  (20082024)
        502221.98   3634525.90        6.90425  (21012023)               502271.98
3634525.90        7.02517  (21012023)
        502321.98   3634525.90        7.14538  (21012023)               502371.98
3634525.90        7.27079  (21012023)
        502421.98   3634525.90        7.41326  (20040823)               502471.98
3634525.90        7.64285  (20040823)
        502521.98   3634525.90        7.98807  (21121424)               502571.98
3634525.90        8.31919  (21121424)
        502621.98   3634525.90        8.56817  (21121424)               502671.98
3634525.90        8.78736  (21121424)
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        504771.98   3634525.90       16.11087  (20082106)                504821.98
3634525.90       15.00015  (20082106)
        504871.98   3634525.90       15.51748  (20082106)                504921.98
3634525.90       15.93809  (20082106)
        504971.98   3634525.90       14.91794  (20082106)                505021.98
3634525.90       14.46983  (20082024)
        505071.98   3634525.90       14.23351  (20082024)                505121.98
3634525.90       13.87589  (20082024)
        505171.98   3634525.90       13.32796  (20082024)                505221.98
3634525.90       12.67703  (20082024)
        502221.98   3634575.90        6.86290  (21012023)                502271.98
3634575.90        6.93420  (21012023)
        502321.98   3634575.90        7.03702  (21012023)                502371.98
3634575.90        7.16872  (20040823)
        502421.98   3634575.90        7.39727  (20040823)                502471.98
3634575.90        7.67813  (21121424)
        502521.98   3634575.90        8.00375  (21121424)                502571.98
3634575.90        8.25663  (21121424)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 994
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3634575.90        8.64903  (19121706)
        504771.98   3634575.90       20.19663  (20082302)                504821.98
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        504971.98   3634575.90       15.69410  (20082106)                505021.98
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        505071.98   3634575.90       14.23280  (20082106)                505121.98
3634575.90       13.48280  (20082024)
        505171.98   3634575.90       12.92467  (20082024)                505221.98
3634575.90       12.41445  (20082024)
        502221.98   3634625.90        6.78025  (21012023)                502271.98
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        502321.98   3634625.90        6.93953  (20040823)                502371.98
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        502421.98   3634625.90        7.35888  (21121424)                502471.98
3634625.90        7.69434  (21121424)
        502521.98   3634625.90        7.98180  (21121424)                502571.98
3634625.90        8.17237  (21121424)
        502621.98   3634625.90        8.32163  (21121424)                502671.98
3634625.90        8.69769  (19121706)
        504771.98   3634625.90       21.65340  (20092620)                504821.98
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        504871.98   3634625.90       18.30185  (20092620)                504921.98
3634625.90       17.33384  (20092620)
        504971.98   3634625.90       17.10799  (20092620)                505021.98
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        505071.98   3634625.90       15.16047  (20082106)                505121.98
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3634625.90       11.53123  (20082106)
        502221.98   3634675.90        6.66659  (21012023)                502271.98
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        502521.98   3634675.90        7.92576  (21121424)                502571.98
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        502621.98   3634675.90        8.31402  (19121706)                502671.98
3634675.90        8.70507  (19121706)
        504771.98   3634675.90       12.22369  (21012617)                504821.98
3634675.90       11.07231  (21012617)
        504871.98   3634675.90       18.71925  (19030707)                504921.98
3634675.90       18.07351  (20092620)
        504971.98   3634675.90       17.94264  (20092620)                505021.98
3634675.90       17.44121  (20092620)
        505071.98   3634675.90       15.59360  (20082302)                505121.98
3634675.90       14.65467  (20082106)
        505171.98   3634675.90       13.34528  (20082106)                505221.98
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3634725.90       15.02570  (20082302)
        505171.98   3634725.90       13.07912  (20082302)                505221.98
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3634775.90        6.83777  (20040823)
        502321.98   3634775.90        6.91718  (21121424)                502371.98
3634775.90        7.16903  (21121424)
        502421.98   3634775.90        7.36352  (21121424)                502471.98
3634775.90        7.52159  (21121424)
        502521.98   3634775.90        7.68889  (21121424)                502571.98
3634775.90        7.96784  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                   PAGE 995
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
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| 504771.98 | 3634775.90 | 14.01852 | (21012617) | 504821.98 | 3634775.90 | 12.85119 | (21012617) |
| 504871.98 | 3634775.90 | 14.40885 | (19030707) | 504921.98 | 3634775.90 | 15.78669 | (19030707) |
| 504971.98 | 3634775.90 | 16.53812 | (20082301) | 505021.98 | 3634775.90 | 15.65979 | (20082302) |
| 505071.98 | 3634775.90 | 15.73064 | (20082302) | 505121.98 | 3634775.90 | 15.23891 | (20082302) |
| 505171.98 | 3634775.90 | 13.37345 | (20082302) | 505221.98 | 3634775.90 | 12.21245 | (20082302) |
| 502221.98 | 3634825.90 | 6.65756 | (20040823) | 502271.98 | 3634825.90 | 6.80435 | (20040823) |
| 502321.98 | 3634825.90 | 7.00100 | (21121424) | 502371.98 | 3634825.90 | 7.20035 | (21121424) |
| 502421.98 | 3634825.90 | 7.32076 | (21121424) | 502471.98 | 3634825.90 | 7.39513 | (21121424) |
| 502521.98 | 3634825.90 | 7.61248 | (19121706) | 502571.98 | 3634825.90 | 7.99954 | (19121706) |
| 502621.98 | 3634825.90 | 8.26373 | (19121706) | 502671.98 | 3634825.90 | 8.42982 | (19121706) |
| 504771.98 | 3634825.90 | 14.48180 | (21012617) | 504821.98 | 3634825.90 | 14.00553 | (21012617) |
| 504871.98 | 3634825.90 | 19.05309 | (19102623) | 504921.98 | 3634825.90 | 17.69919 | (19102623) |
| 504971.98 | 3634825.90 | 16.68819 | (20082301) | 505021.98 | 3634825.90 | 14.91216 | (20082301) |
| 505071.98 | 3634825.90 | 14.12014 | (20082301) | 505121.98 | 3634825.90 | 13.42754 | (20082302) |
| 505171.98 | 3634825.90 | 12.60554 | (20082302) | 505221.98 | 3634825.90 | 12.01395 | (20082302) |
| 502221.98 | 3634875.90 | 6.68697 | (20040823) | 502271.98 | 3634875.90 | 6.78513 | (21121424) |
| 502321.98 | 3634875.90 | 6.98680 | (21121424) | 502371.98 | 3634875.90 | 7.14735 | (21121424) |
| 502421.98 | 3634875.90 | 7.25737 | (21121424) | 502471.98 | 3634875.90 | 7.33584 | (21121424) |
| 502521.98 | 3634875.90 | 7.66052 | (19121706) | 502571.98 | 3634875.90 | 7.95357 | (19121706) |
| 502621.98 | 3634875.90 | 8.15561 | (19121706) | 502671.98 | 3634875.90 | 8.28447 | (19121706) |
| 504771.98 | 3634875.90 | 14.41131 | (21012617) | 504821.98 | 3634875.90 | 13.83145 | (21012617) |

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        502521.98   3634925.90        7.65577  (19121706)                502571.98
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3634975.90        6.75936  (21121424)
        502321.98   3634975.90        6.85982  (21121424)                502371.98
3634975.90        6.94435  (21121424)
        502421.98   3634975.90        7.02741  (19121706)                502471.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                  PAGE 996
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
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                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        505121.98   3634975.90       13.31604  (20020306)               505171.98
3634975.90       13.20688  (20082301)
        505221.98   3634975.90       12.90633  (20082301)               502221.98
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        502271.98   3635025.90        6.69206  (21121424)               502321.98
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        502371.98   3635025.90        6.82525  (21121424)               502421.98
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        502471.98   3635025.90        7.35510  (19121706)               502521.98
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        502571.98   3635025.90        7.65001  (19121706)               502621.98
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3635075.90       16.25295  (20110218)
        505171.98   3635075.90       15.85571  (20102020)                505221.98
3635075.90       15.13183  (20102020)
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        502571.98   3635175.90        7.24084  (19121706)                502621.98
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3635175.90       10.85469  (21012617)
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3635225.90        7.04850  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
```

*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS  ***
INCLUDING SOURCE(S):  L0000595  , L0000596 , L0000597  , L0000598  , L0000599  ,
L0000600  , L0000601  , L0000602  , L0000603  , L0000604 , L0000605  , L0000606  , L0000607  ,
L0000608  , L0000609  , L0000610  , L0000611  , L0000612 , L0000613  , L0000614  , L0000615  ,
L0000616  , L0000617  , L0000618  , L0000619  , L0000620 , L0000621  , L0000622  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3635225.90 | 7.07771 | (19121706) | 502571.98 | 3635225.90 | 7.08146 | (19121706) |
| 502621.98 | 3635225.90 | 7.08037 | (19121706) | 502671.98 | 3635225.90 | 7.07347 | (19121706) |
| 502221.98 | 3635275.90 | 6.18581 | (21121424) | 502271.98 | 3635275.90 | 6.41769 | (19121706) |
| 502321.98 | 3635275.90 | 6.64951 | (19121706) | 502371.98 | 3635275.90 | 6.79936 | (19121706) |
| 502421.98 | 3635275.90 | 6.88502 | (19121706) | 502471.98 | 3635275.90 | 6.92910 | (19121706) |
| 502521.98 | 3635275.90 | 6.95187 | (19121706) | 502571.98 | 3635275.90 | 6.93576 | (19121706) |
| 502621.98 | 3635275.90 | 6.92506 | (19121706) | 502671.98 | 3635275.90 | 6.91898 | (19121706) |
| 502221.98 | 3635325.90 | 6.22564 | (19121706) | 502271.98 | 3635325.90 | 6.43476 | (19121706) |
| 502321.98 | 3635325.90 | 6.61082 | (19121706) | 502371.98 | 3635325.90 | 6.72312 | (19121706) |
| 502421.98 | 3635325.90 | 6.78297 | (19121706) | 502471.98 | 3635325.90 | 6.80334 | (19121706) |
| 502521.98 | 3635325.90 | 6.80027 | (19121706) | 502571.98 | 3635325.90 | 6.78133 | (19121706) |
| 502621.98 | 3635325.90 | 6.76801 | (19121706) | 502671.98 | 3635325.90 | 6.75817 | (19121706) |
| 502221.98 | 3635375.90 | 6.24580 | (19121706) | 502271.98 | 3635375.90 | 6.41706 | (19121706) |

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        502321.98   3635375.90        6.54754  (19121706)               502371.98
3635375.90        6.62358  (19121706)
        502421.98   3635375.90        6.65864  (19121706)               502471.98
3635375.90        6.66470  (19121706)
        502521.98   3635375.90        6.64334  (19121706)               502571.98
3635375.90        6.62538  (19121706)
        502621.98   3635375.90        6.60807  (19121706)               502671.98
3635375.90        6.72020  (19020322)
        502221.98   3635425.90        6.25043  (19121706)               502271.98
3635425.90        6.36933  (19121706)
        502321.98   3635425.90        6.45928  (19121706)               502371.98
3635425.90        6.50420  (19121706)
        502421.98   3635425.90        6.51929  (19121706)               502471.98
3635425.90        6.51547  (19121706)
        502521.98   3635425.90        6.49379  (19121706)               502571.98
3635425.90        6.46909  (19121706)
        502621.98   3635425.90        6.45878  (19020322)               502671.98
3635425.90        6.68446  (19020322)
        504771.98   3635425.90        7.22802  (20040223)               502221.98
3635475.90        6.21177  (19121706)
        502271.98   3635475.90        6.30597  (19121706)               502321.98
3635475.90        6.36171  (19121706)
        502371.98   3635475.90        6.38351  (19121706)               502421.98
3635475.90        6.38244  (19121706)
        502471.98   3635475.90        6.35441  (19121706)               502521.98
3635475.90        6.33907  (19121706)
        502571.98   3635475.90        6.31022  (19121706)               502621.98
3635475.90        6.43703  (19020322)
        502671.98   3635475.90        6.64231  (19020322)               504771.98
3635475.90        6.44829  (20040223)
        504821.98   3635475.90        7.10684  (20040223)               504871.98
3635475.90        8.20539  (20011620)
        504921.98   3635475.90        9.11881  (20011620)               502221.98
3635525.90        6.14776  (19121706)
        502271.98   3635525.90        6.22208  (19121706)               502321.98
3635525.90        6.25240  (19121706)
        502371.98   3635525.90        6.25301  (19121706)               502421.98
3635525.90        6.24128  (19121706)
        502471.98   3635525.90        6.21869  (19121706)               502521.98
3635525.90        6.18553  (19121706)
        502571.98   3635525.90        6.19093  (19020322)               502621.98
3635525.90        6.41777  (19020322)
        502671.98   3635525.90        6.54636  (19020322)               502721.98
3635525.90        6.61624  (19020322)
        502771.98   3635525.90        6.62844  (19020322)               502821.98
3635525.90        6.59402  (19020322)
        502871.98   3635525.90        6.82915  (20120224)               502921.98
3635525.90        7.79894  (20120224)
        502971.98   3635525.90        8.62400  (20120224)               503021.98
3635525.90        9.24611  (20120224)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKS ***
INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 12.25487 | (21021806) | 503321.98 | 3635525.90 | 12.43981 | (21021806) |
| 503371.98 | 3635525.90 | 12.28195 | (21021806) | 503421.98 | 3635525.90 | 11.83252 | (21021806) |
| 503471.98 | 3635525.90 | 13.39618 | (21012024) | 503521.98 | 3635525.90 | 14.73212 | (21012024) |
| 503571.98 | 3635525.90 | 15.65309 | (21012024) | 503621.98 | 3635525.90 | 15.68557 | (21012024) |
| 503671.98 | 3635525.90 | 15.07501 | (21012024) | 503721.98 | 3635525.90 | 13.85961 | (21012024) |
| 503771.98 | 3635525.90 | 12.12972 | (21012024) | 503821.98 | 3635525.90 | 10.43344 | (21041323) |
| 503871.98 | 3635525.90 | 11.05366 | (21041323) | 503921.98 | 3635525.90 | 11.18316 | (21041323) |
| 503971.98 | 3635525.90 | 10.83013 | (21041323) | 504021.98 | 3635525.90 | 9.78759 | (21041323) |
| 504071.98 | 3635525.90 | 8.43456 | (21041323) | 504121.98 | | | |

3635525.90 10.32008 (21013118)
504171.98 3635525.90 12.80382 (21013118) 504221.98
3635525.90 14.72156 (21013118)
504271.98 3635525.90 15.75106 (21013118) 504321.98
3635525.90 15.61844 (21013118)
504371.98 3635525.90 14.39811 (21013118) 504421.98
3635525.90 12.39703 (21013118)
504471.98 3635525.90 10.02428 (21013118) 504521.98
3635525.90 7.68639 (21013118)
504571.98 3635525.90 5.65679 (21013118) 504621.98
3635525.90 4.68218 (19031219)
504671.98 3635525.90 4.48552 (19031219) 504721.98
3635525.90 4.82711 (20040223)
504771.98 3635525.90 5.65988 (20040223) 504821.98
3635525.90 6.39183 (20040223)
504871.98 3635525.90 7.05245 (20011620) 504921.98
3635525.90 8.08811 (20011620)
504971.98 3635525.90 8.90305 (20011620) 505021.98
3635525.90 9.44039 (20011620)
505071.98 3635525.90 9.67689 (20011620) 505121.98
3635525.90 9.63519 (20011620)
505171.98 3635525.90 9.35992 (20011620) 505221.98
3635525.90 8.90781 (20011620)
502221.98 3635575.90 5.98341 (19121706) 502271.98
3635575.90 6.12540 (19121706)
502321.98 3635575.90 6.13182 (19121706) 502371.98
3635575.90 6.12330 (19121706)
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3635575.90 6.05980 (19121706)
502521.98 3635575.90 6.02946 (19121706) 502571.98
3635575.90 6.17304 (19020322)
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3635575.90 6.42783 (19020322)
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3635575.90 6.45743 (19020322)
502821.98 3635575.90 6.41412 (19020322) 502871.98
3635575.90 6.95190 (20120224)
502921.98 3635575.90 7.85696 (20120224) 502971.98
3635575.90 8.59110 (20120224)
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3635575.90 9.46928 (20120224)
503121.98 3635575.90 9.52771 (20120224) 503171.98
3635575.90 10.61698 (21021806)
503221.98 3635575.90 11.53097 (21021806) 503271.98
3635575.90 11.87166 (21021806)
503321.98 3635575.90 12.02352 (21021806) 503371.98
3635575.90 12.21398 (21021806)
503421.98 3635575.90 12.20051 (21021806) 503471.98
3635575.90 12.92456 (21012024)
503521.98 3635575.90 14.48519 (21012024) 503571.98

3635575.90       15.31601  (21012024)
        503621.98   3635575.90       15.29584  (21012024)                503671.98
3635575.90       14.66906  (21012024)
        503721.98   3635575.90       13.45665  (21012024)                503771.98
3635575.90       11.75744  (21012024)
        503821.98   3635575.90       10.00501  (21041323)                503871.98
3635575.90       10.64821  (21041323)
        503921.98   3635575.90       10.81648  (21041323)                503971.98
3635575.90       10.53700  (21041323)
        504021.98   3635575.90        9.59011  (21041323)                504071.98
3635575.90        8.36696  (21041323)
        504121.98   3635575.90        9.26093  (21013118)                504171.98
3635575.90       11.67553  (21013118)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                    INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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        504621.98   3635575.90        4.57133  (19031219)                504671.98
3635575.90        4.43088  (19031219)
        504721.98   3635575.90        4.26926  (21032918)                504771.98
3635575.90        4.90139  (20040223)
        504821.98   3635575.90        5.66471  (20040223)                504871.98
3635575.90        6.31795  (20040223)
        504921.98   3635575.90        7.02075  (20011620)                504971.98
3635575.90        7.96539  (20011620)
        505021.98   3635575.90        8.69113  (20011620)                505071.98
3635575.90        9.15346  (20011620)
        505121.98   3635575.90       10.60119  (20011620)                505171.98
3635575.90        9.27909  (20011620)
        505221.98   3635575.90        9.01427  (20011620)                502221.98
3635625.90        6.28694  (20040823)
        502271.98   3635625.90        5.92635  (19121706)                502321.98
3635625.90        5.96741  (19121706)
        502371.98   3635625.90        5.96926  (19121706)                502421.98
3635625.90        6.10791  (21121424)
        502471.98   3635625.90        6.58193  (21121424)                502521.98
3635625.90        6.56658  (21121424)
        502571.98   3635625.90        6.11709  (19020322)                502621.98
3635625.90        6.24978  (19020322)
        502671.98   3635625.90        6.29429  (19020322)                502721.98
3635625.90        6.73944  (19121706)
        502771.98   3635625.90        6.92909  (19121706)                502821.98
3635625.90        6.99567  (20042421)
        502871.98   3635625.90        6.99174  (20120224)                502921.98
3635625.90        7.77939  (20120224)
        502971.98   3635625.90        8.40791  (20120224)                503021.98
3635625.90        8.88323  (20120224)
        503071.98   3635625.90        9.25200  (20120224)                503121.98
3635625.90        9.58406  (20120224)
        503171.98   3635625.90       10.43660  (21021806)                503221.98
3635625.90       11.22994  (21021806)
        503271.98   3635625.90       11.82331  (21021806)                503321.98
3635625.90       12.28824  (21021806)
        503371.98   3635625.90       12.38364  (21021806)                503421.98
3635625.90       12.45168  (21021806)
        503471.98   3635625.90       13.03305  (21021806)                503521.98
3635625.90       14.66163  (21012024)
        503571.98   3635625.90       15.39316  (21012024)                503621.98
3635625.90       15.18026  (21012024)
        503671.98   3635625.90       14.54832  (21012024)                503721.98
3635625.90       13.64994  (21012024)
        503771.98   3635625.90       12.23613  (21012024)                503821.98
3635625.90       10.26967  (21012024)
        503871.98   3635625.90       10.24931  (21041323)                503921.98
3635625.90       10.46094  (21041323)
        503971.98   3635625.90       10.18374  (21041323)                504021.98
3635625.90        9.41437  (21041323)
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        504071.98   3635625.90        8.29374  (21041323)               504121.98
3635625.90        8.29539  (21013118)
        504171.98   3635625.90       10.61239  (21013118)               504221.98
3635625.90       12.69114  (21013118)
        504271.98   3635625.90       14.14875  (21013118)               504321.98
3635625.90       14.69306  (21013118)
        504371.98   3635625.90       14.27230  (21013118)               504421.98
3635625.90       12.98298  (21013118)
        504471.98   3635625.90       11.08612  (21013118)               504521.98
3635625.90        8.95258  (21013118)
        504571.98   3635625.90        6.88096  (21013118)               504621.98
3635625.90        5.09395  (21013118)
        504671.98   3635625.90        4.34707  (19031219)               504721.98
3635625.90        4.18386  (19031219)
        504771.98   3635625.90        4.19458  (20040223)               504821.98
3635625.90        4.95484  (20040223)
        504871.98   3635625.90        5.64859  (20040223)               504921.98
3635625.90        6.22817  (20040223)
        504971.98   3635625.90        6.98088  (20011620)               505021.98
3635625.90        7.82977  (20011620)
        505071.98   3635625.90        8.47129  (20011620)               505121.98
3635625.90        8.87899  (20011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1000
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505171.98   3635625.90        9.02582  (20011620)                505221.98
3635625.90        8.94426  (20011620)
        502221.98   3635675.90        6.97137  (21121424)                502271.98
3635675.90        6.43863  (21121424)
        502321.98   3635675.90        6.52646  (21121424)                502371.98
3635675.90        6.41464  (21121424)
        502421.98   3635675.90        6.69201  (21121424)                502471.98
3635675.90        6.63025  (21121424)
        502521.98   3635675.90        6.60193  (19121706)                502571.98
3635675.90        6.34221  (19121706)
        502621.98   3635675.90        6.11539  (19020322)                502671.98
3635675.90        6.27318  (19121706)
        502721.98   3635675.90        7.06080  (19121706)                502771.98
3635675.90        7.65021  (20042421)
        502821.98   3635675.90        7.78155  (20110924)                502871.98
3635675.90        8.45740  (20110924)
        502921.98   3635675.90        9.21956  (20091222)                502971.98
3635675.90        9.32126  (20091222)
        503021.98   3635675.90        9.47615  (20120224)                503071.98
3635675.90       10.31076  (20120224)
        503121.98   3635675.90       11.20067  (20120224)                503171.98
3635675.90       12.01132  (20120224)
        503221.98   3635675.90       12.11095  (20120224)                503271.98
3635675.90       12.53767  (21021806)
        503321.98   3635675.90       13.24481  (21021806)                503371.98
3635675.90       13.48568  (21021806)
        503421.98   3635675.90       13.12512  (21021806)                503471.98
3635675.90       12.89209  (21021806)
        503521.98   3635675.90       14.75995  (21012024)                503571.98
3635675.90       15.31899  (21012024)
        503621.98   3635675.90       15.44075  (21012024)                503671.98
3635675.90       15.01565  (21012024)
        503721.98   3635675.90       14.49840  (21012024)                503771.98
3635675.90       13.11279  (21012024)
        503821.98   3635675.90       10.44111  (21012024)                503871.98
3635675.90        9.89751  (21041323)
        503921.98   3635675.90       10.28475  (21041323)                503971.98
3635675.90       10.00672  (21041323)
        504021.98   3635675.90        9.23938  (21041323)                504071.98
3635675.90        8.21654  (21041323)
        504121.98   3635675.90        7.42105  (21013118)                504171.98
3635675.90        9.62109  (21013118)
        504221.98   3635675.90       11.69320  (21013118)                504271.98
3635675.90       13.29435  (21013118)
        504321.98   3635675.90       14.12042  (21013118)                504371.98
3635675.90       14.02515  (21013118)
        504421.98   3635675.90       13.07076  (21013118)                504471.98
3635675.90       11.46694  (21013118)
        504521.98   3635675.90        9.50409  (21013118)                504571.98
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3635675.90        7.47608  (21013118)
        504621.98   3635675.90        5.65215  (21013118)                504671.98
3635675.90        4.24830  (19031219)
        504721.98   3635675.90        4.12918  (19031219)                504771.98
3635675.90        3.98157  (21032918)
        504821.98   3635675.90        4.28330  (20040223)                504871.98
3635675.90        4.98662  (20040223)
        504921.98   3635675.90        5.61489  (20040223)                504971.98
3635675.90        6.13928  (20040223)
        505021.98   3635675.90        6.92384  (20011620)                505071.98
3635675.90        7.69368  (20011620)
        505121.98   3635675.90        8.27212  (20011620)                505171.98
3635675.90        8.61565  (20011620)
        505221.98   3635675.90        8.72728  (20011620)                502221.98
3635725.90        7.37331  (21121424)
        502271.98   3635725.90        6.83107  (21121424)                502321.98
3635725.90        6.66520  (21121424)
        502371.98   3635725.90        6.46223  (21121424)                502421.98
3635725.90        6.62605  (21121424)
        502471.98   3635725.90        6.52469  (19121706)                502521.98
3635725.90        6.91610  (19121706)
        502571.98   3635725.90        6.59517  (19121706)                502621.98
3635725.90        6.31779  (19121706)
        502671.98   3635725.90        6.82389  (19121706)                502721.98
3635725.90        7.08692  (20042421)
        502771.98   3635725.90        7.35516  (20110924)                502821.98
3635725.90        8.27173  (20110924)
        502871.98   3635725.90        8.50187  (19073101)                502921.98
3635725.90        9.02603  (19111601)
        502971.98   3635725.90        9.28874  (20033120)                503021.98
3635725.90       10.12185  (20120224)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1001
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503071.98 | 3635725.90 | 10.98747 | (20120224) | 503121.98 | 3635725.90 | 12.21769 | (20120224) |
| 503171.98 | 3635725.90 | 12.69922 | (20120224) | 503221.98 | 3635725.90 | 12.37129 | (20120224) |
| 503271.98 | 3635725.90 | 12.73834 | (21021806) | 503321.98 | 3635725.90 | 13.49775 | (21021806) |
| 503371.98 | 3635725.90 | 13.70817 | (21021806) | 503421.98 | 3635725.90 | 13.17980 | (21021806) |
| 503471.98 | 3635725.90 | 12.62114 | (21012024) | 503521.98 | 3635725.90 | 14.45421 | (21012024) |
| 503571.98 | 3635725.90 | 14.92271 | (21012024) | 503621.98 | 3635725.90 | 15.53275 | (21012024) |
| 503671.98 | 3635725.90 | 14.96880 | (21012024) | 503721.98 | 3635725.90 | 14.48358 | (21012024) |
| 503771.98 | 3635725.90 | 13.00388 | (21012024) | 503821.98 | 3635725.90 | 10.52197 | (21012024) |
| 503871.98 | 3635725.90 | 9.57390 | (21041323) | 503921.98 | 3635725.90 | 10.00534 | (21041323) |
| 503971.98 | 3635725.90 | 9.91808 | (21041323) | 504021.98 | 3635725.90 | 9.06294 | (21041323) |
| 504071.98 | 3635725.90 | 8.13200 | (21041323) | 504121.98 | 3635725.90 | 6.95487 | (21041323) |
| 504171.98 | 3635725.90 | 8.70940 | (21013118) | 504221.98 | 3635725.90 | 10.75587 | (21013118) |
| 504271.98 | 3635725.90 | 12.44368 | (21013118) | 504321.98 | 3635725.90 | 13.47556 | (21013118) |
| 504371.98 | 3635725.90 | 13.69307 | (21013118) | 504421.98 | 3635725.90 | 13.05775 | (21013118) |
| 504471.98 | 3635725.90 | 11.74048 | (21013118) | 504521.98 | 3635725.90 | 9.97192 | (21013118) |
| 504571.98 | 3635725.90 | 8.03588 | (21013118) | 504621.98 | 3635725.90 | 6.20171 | (21013118) |
| 504671.98 | 3635725.90 | 4.61723 | (21013118) | 504721.98 | 3635725.90 | 4.05807 | (19031219) |
| 504771.98 | 3635725.90 | 3.91432 | (19031219) | 504821.98 | 3635725.90 | 3.81648 | (21032918) |
| 504871.98 | 3635725.90 | 4.34962 | (20040223) | 504921.98 | 3635725.90 | 4.99956 | (20040223) |
| 504971.98 | 3635725.90 | 5.57597 | (20040223) | 505021.98 | 3635725.90 | 6.03952 | (20040223) |

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        505071.98   3635725.90        6.85703  (20011620)               505121.98
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        502221.98   3635775.90        7.42559  (21121424)               502271.98
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        502321.98   3635775.90        6.76524  (21121424)               502371.98
3635775.90        6.43570  (21121424)
        502421.98   3635775.90        6.50807  (19121706)               502471.98
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        502521.98   3635775.90        7.10898  (19121706)               502571.98
3635775.90        7.13904  (20042421)
        502621.98   3635775.90        7.23812  (20042421)               502671.98
3635775.90        7.32449  (20042421)
        502721.98   3635775.90        6.82397  (20042421)               502771.98
3635775.90        7.02652  (20110924)
        502821.98   3635775.90        8.09514  (20110924)               502871.98
3635775.90        8.52934  (20091222)
        502921.98   3635775.90        8.67868  (19111601)               502971.98
3635775.90        9.19883  (20033120)
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3635775.90       11.73492  (20120224)
        503121.98   3635775.90       12.47197  (20120224)               503171.98
3635775.90       12.63890  (20120224)
        503221.98   3635775.90       13.40174  (21021806)               503271.98
3635775.90       14.36826  (21021806)
        503321.98   3635775.90       14.24650  (21021806)               503371.98
3635775.90       13.80303  (21021806)
        503421.98   3635775.90       13.11227  (21021806)               503471.98
3635775.90       12.53804  (21012024)
        503521.98   3635775.90       14.72046  (21012024)               503571.98
3635775.90       15.68182  (21012024)
        503621.98   3635775.90       16.29323  (21012024)               503671.98
3635775.90       15.29116  (21012024)
        503721.98   3635775.90       14.11966  (21012024)               503771.98
3635775.90       12.77329  (21012024)
        503821.98   3635775.90       10.51276  (21012024)               503871.98
3635775.90        9.75150  (21041323)
        503921.98   3635775.90       11.29308  (19122420)               503971.98
3635775.90       12.39782  (19122420)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1002
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
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INCLUDING SOURCE(S): L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 8.88774 | (21041323) | 504071.98 | 3635775.90 | 8.30625 | (21041323) |
| 504121.98 | 3635775.90 | 6.95069 | (21041323) | 504171.98 | 3635775.90 | 7.87752 | (21013118) |
| 504221.98 | 3635775.90 | 9.85970 | (21013118) | 504271.98 | 3635775.90 | 11.59696 | (21013118) |
| 504321.98 | 3635775.90 | 12.79670 | (21013118) | 504371.98 | 3635775.90 | 13.26974 | (21013118) |
| 504421.98 | 3635775.90 | 12.94120 | (21013118) | 504471.98 | 3635775.90 | 11.90714 | (21013118) |
| 504521.98 | 3635775.90 | 10.35302 | (21013118) | 504571.98 | 3635775.90 | 8.54110 | (21013118) |
| 504621.98 | 3635775.90 | 6.73687 | (21013118) | 504671.98 | 3635775.90 | 5.10840 | (21013118) |
| 504721.98 | 3635775.90 | 3.96886 | (19031219) | 504771.98 | 3635775.90 | 3.86817 | (19031219) |
| 504821.98 | 3635775.90 | 3.71004 | (21032918) | 504871.98 | 3635775.90 | 3.75625 | (20040223) |
| 504921.98 | 3635775.90 | 4.40139 | (20040223) | 504971.98 | 3635775.90 | 5.00428 | (20040223) |
| 505021.98 | 3635775.90 | 5.52374 | (20040223) | 505071.98 | 3635775.90 | 6.00127 | (20011620) |
| 505121.98 | 3635775.90 | 6.78433 | (20011620) | 505171.98 | 3635775.90 | 7.41900 | (20011620) |
| 505221.98 | 3635775.90 | 7.87023 | (20011620) | 502221.98 | 3635825.90 | 7.34176 | (21121424) |
| 502271.98 | 3635825.90 | 6.91327 | (21121424) | 502321.98 | 3635825.90 | 6.66943 | (21121424) |
| 502371.98 | 3635825.90 | 6.24681 | (21121424) | 502421.98 | 3635825.90 | 6.77365 | (19091321) |
| 502471.98 | 3635825.90 | 6.94222 | (19121706) | 502521.98 | | | |

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        502671.98   3635825.90        7.04814  (20042421)                502721.98
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        502871.98   3635825.90        8.60124  (20091222)                502921.98
3635825.90        8.76961  (20033120)
        502971.98   3635825.90        9.15105  (20120224)                503021.98
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        503271.98   3635825.90       14.16803  (21021806)                503321.98
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        504071.98   3635825.90       12.62206  (19122420)                504121.98
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3635825.90        8.99590  (21013118)
        504271.98   3635825.90       11.02343  (21013118)                504321.98
3635825.90       12.09754  (21013118)
        504371.98   3635825.90       12.78425  (21013118)                504421.98
3635825.90       12.73191  (21013118)
        504471.98   3635825.90       11.97296  (21013118)                504521.98
3635825.90       10.65333  (21013118)
        504571.98   3635825.90        8.98928  (21013118)                504621.98
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        504671.98   3635825.90        5.60154  (21013118)                504721.98
3635825.90        4.18803  (21013118)
        504771.98   3635825.90        3.79993  (19031219)                504821.98
3635825.90        3.67918  (19031219)
        504871.98   3635825.90        3.57641  (21032918)                504921.98
3635825.90        3.83531  (20040223)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504971.98   3635825.90        4.43988  (20040223)                505021.98
3635825.90        4.99142  (20040223)
        505071.98   3635825.90        5.46026  (20040223)                505121.98
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        505171.98   3635825.90        6.70310  (20011620)                505221.98
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3635875.90        6.46150  (19121706)
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        502521.98   3635875.90        7.63846  (20042421)                502571.98
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        502621.98   3635875.90        7.25442  (20042421)                502671.98
3635875.90        7.50269  (20110924)
        502721.98   3635875.90        7.69231  (20110924)                502771.98
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        502921.98   3635875.90        8.72084  (20033120)                502971.98
3635875.90        9.72339  (20120224)

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3635875.90 12.73481 (20120224)
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3635875.90 12.48709 (20120224)
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3635875.90 14.09356 (19122420)
504121.98 3635875.90 11.91097 (19122420) 504171.98
3635875.90 8.81531 (20092001)
504221.98 3635875.90 10.53676 (20092001) 504271.98
3635875.90 11.15065 (21013118)
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505121.98 3635875.90 5.38989 (20040223) 505171.98
3635875.90 5.95549 (20011620)
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502271.98 3635925.90 6.99794 (19091321) 502321.98
3635925.90 6.92730 (19091321)
502371.98 3635925.90 6.61795 (19121706) 502421.98
3635925.90 7.18591 (20042421)

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502871.98   3635925.90        8.25483  (19111601)                502921.98
3635925.90        8.97154  (20120224)
        502971.98   3635925.90       10.24709  (20120224)                503021.98
3635925.90       12.13354  (20120224)
        503071.98   3635925.90       12.73166  (20120224)                503121.98
3635925.90       12.58872  (20120224)
        503171.98   3635925.90       12.20590  (21021806)                503221.98
3635925.90       13.28271  (21021806)
        503271.98   3635925.90       13.57451  (21021806)                503321.98
3635925.90       13.33654  (21021806)
        503371.98   3635925.90       12.78486  (21021806)                503421.98
3635925.90       11.90495  (21021806)
        503471.98   3635925.90       14.43814  (21041324)                503521.98

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3635925.90       17.87085  (21041324)
        503571.98   3635925.90       16.73050  (21012024)                503621.98
3635925.90       15.89712  (21012024)
        503671.98   3635925.90       15.24195  (21012024)                503721.98
3635925.90       14.15099  (21012024)
        503771.98   3635925.90       12.43182  (21012024)                503821.98
3635925.90       10.23339  (20071102)
        503871.98   3635925.90        9.09384  (21041323)                503921.98
3635925.90       10.69401  (19122420)
        503971.98   3635925.90       13.31622  (19122420)                504021.98
3635925.90       13.81968  (19122420)
        504071.98   3635925.90       14.14586  (19122420)                504121.98
3635925.90       12.77060  (19122420)
        504171.98   3635925.90       11.32183  (20092001)                504221.98
3635925.90       13.54274  (20092001)
        504271.98   3635925.90       11.66437  (20092001)                504321.98
3635925.90       12.46782  (21013118)
        504371.98   3635925.90       14.27886  (21013118)                504421.98
3635925.90       15.09238  (21013118)
        504471.98   3635925.90       14.29612  (21013118)                504521.98
3635925.90       11.92056  (21013118)
        504571.98   3635925.90        9.68214  (21013118)                504621.98
3635925.90        8.13321  (21013118)
        504671.98   3635925.90        6.55231  (21013118)                504721.98
3635925.90        5.08056  (21013118)
        504771.98   3635925.90        3.81909  (21013118)                504821.98
3635925.90        3.56975  (19031219)
        504871.98   3635925.90        3.46368  (19031219)                504921.98
3635925.90        3.35891  (21032918)
        504971.98   3635925.90        3.39489  (20040223)                505021.98
3635925.90        3.95196  (20040223)
        505071.98   3635925.90        4.47518  (20040223)                505121.98
3635925.90        4.93614  (20040223)
        505171.98   3635925.90        5.31482  (20040223)                505221.98
3635925.90        6.15347  (20011620)
        502221.98   3635975.90        7.88456  (19121706)                502271.98
3635975.90        7.43919  (20042421)
        502321.98   3635975.90        7.51108  (20042421)                502371.98
3635975.90        7.12171  (20042421)
        502421.98   3635975.90        7.46358  (20042421)                502471.98
3635975.90        7.40844  (20042421)
        502521.98   3635975.90        7.13126  (20042421)                502571.98
3635975.90        7.05976  (20110924)
        502621.98   3635975.90        7.58800  (20110924)                502671.98
3635975.90        7.74738  (20110924)
        502721.98   3635975.90        7.84345  (19073101)                502771.98
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        502821.98   3635975.90        8.05300  (19111601)                502871.98
3635975.90        8.06749  (20033120)
        502921.98   3635975.90        9.19703  (20120224)                502971.98
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3635975.90       10.37201  (20120224)
        503021.98   3635975.90       12.16323  (20120224)                503071.98
3635975.90       12.49705  (20120224)
        503121.98   3635975.90       12.28815  (20120224)                503171.98
3635975.90       12.32819  (21021806)
        503221.98   3635975.90       13.14379  (21021806)                503271.98
3635975.90       13.29902  (21021806)
        503321.98   3635975.90       13.04323  (21021806)                503371.98
3635975.90       12.50805  (21021806)
        503421.98   3635975.90       12.13130  (21041324)                503471.98
3635975.90       15.35482  (21041324)
        503521.98   3635975.90       15.96819  (21041324)                503571.98
3635975.90       15.63911  (21012024)
        503621.98   3635975.90       15.52780  (21012024)                503671.98
3635975.90       15.13262  (21012024)
        503721.98   3635975.90       14.02628  (21012024)                503771.98
3635975.90       12.24375  (21012024)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                  INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                 L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503821.98   3635975.90       10.00809  (20071102)                503871.98
3635975.90        8.85930  (21041323)
        503921.98   3635975.90       10.49143  (19122420)                503971.98
3635975.90       12.92588  (19122420)

504021.98 3635975.90 15.03164 (19122420) 504071.98
3635975.90 15.45739 (19122420)
504121.98 3635975.90 13.66022 (19122420) 504171.98
3635975.90 13.88259 (20092001)
504221.98 3635975.90 14.81456 (20092001) 504271.98
3635975.90 13.16809 (20092001)
504321.98 3635975.90 13.32649 (21060422) 504371.98
3635975.90 15.05178 (21013118)
504421.98 3635975.90 16.38090 (21013118) 504471.98
3635975.90 15.57758 (21013118)
504521.98 3635975.90 14.30326 (21013118) 504571.98
3635975.90 12.12936 (21013118)
504621.98 3635975.90 11.38393 (20121721) 504671.98
3635975.90 7.44678 (21013118)
504721.98 3635975.90 5.67297 (21013118) 504771.98
3635975.90 4.22583 (21013118)
504821.98 3635975.90 3.49992 (19031219) 504871.98
3635975.90 3.42255 (19031219)
504921.98 3635975.90 3.29806 (19031219) 504971.98
3635975.90 3.24470 (21032918)
505021.98 3635975.90 3.46580 (20040223) 505071.98
3635975.90 3.98992 (20040223)
505121.98 3635975.90 4.47450 (20040223) 505171.98
3635975.90 4.89640 (20040223)
505221.98 3635975.90 5.23487 (20040223) 501721.98
3632475.90 5.29259 (21111004)
501821.98 3632475.90 5.49658 (21111004) 501921.98
3632475.90 5.62599 (21111004)
502021.98 3632475.90 5.70439 (21111004) 502121.98
3632475.90 5.75476 (21111004)
502221.98 3632475.90 5.77195 (21111004) 502321.98
3632475.90 5.76690 (21111004)
502421.98 3632475.90 6.34113 (21030103) 502521.98
3632475.90 8.85274 (21030103)
502621.98 3632475.90 11.19646 (21030103) 502721.98
3632475.90 13.65695 (20121603)
502821.98 3632475.90 17.99815 (20121603) 502921.98
3632475.90 19.89066 (20121603)
503021.98 3632475.90 19.38960 (20121603) 503121.98
3632475.90 24.38633 (20102407)
503221.98 3632475.90 27.38753 (20102407) 503321.98
3632475.90 29.83113 (19110606)
503421.98 3632475.90 46.47509 (19110606) 503721.98
3632475.90 33.77253 (20022622)
503821.98 3632475.90 36.87413 (20032321) 503921.98
3632475.90 23.10963 (20072721)
504021.98 3632475.90 16.46957 (20072922) 504121.98
3632475.90 13.22359 (20082722)
504221.98 3632475.90 10.97617 (20082105) 504321.98
3632475.90 10.06965 (20082105)

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        504421.98   3632475.90       10.90120  (20082105)                504521.98
3632475.90       11.24665  (20082105)
        504621.98   3632475.90        8.27060  (20082105)                504721.98
3632475.90        7.16673  (21011418)
        504821.98   3632475.90        6.78390  (21011418)                504921.98
3632475.90        6.10857  (21011418)
        505021.98   3632475.90        5.44457  (20110517)                505121.98
3632475.90        5.25027  (20110517)
        505221.98   3632475.90        5.07912  (20110517)                505321.98
3632475.90        4.87785  (20110517)
        505421.98   3632475.90        4.68141  (20110517)                505521.98
3632475.90        4.47846  (20110517)
        505621.98   3632475.90        4.33197  (20081804)                505721.98
3632475.90        4.71974  (20081804)
        501721.98   3632575.90        5.20924  (21111004)                501821.98
3632575.90        5.55171  (21111004)
        501921.98   3632575.90        5.81281  (21111004)                502021.98
3632575.90        5.99840  (21111004)
        502121.98   3632575.90        6.11292  (21111004)                502221.98
3632575.90        6.15236  (21111004)
        502321.98   3632575.90        6.19455  (21111004)                502421.98
3632575.90        6.24593  (21111004)
        502521.98   3632575.90        7.28927  (21030103)                502621.98
3632575.90       10.15562  (21030103)
        502721.98   3632575.90       12.69273  (21030103)                502821.98
3632575.90       16.58826  (20121603)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1006
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                    INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 20.73584 | (20121603) | 503021.98 | 3632575.90 | 21.62838 | (20121603) |
| 503121.98 | 3632575.90 | 22.69477 | (21063005) | 503221.98 | 3632575.90 | 29.77972 | (20102407) |
| 503321.98 | 3632575.90 | 34.68757 | (20111701) | 503421.98 | 3632575.90 | 54.00286 | (19110606) |
| 503721.98 | 3632575.90 | 41.36344 | (21013120) | 503821.98 | 3632575.90 | 31.10870 | (21013021) |
| 503921.98 | 3632575.90 | 15.82701 | (20073020) | 504021.98 | 3632575.90 | 12.99582 | (20080120) |
| 504121.98 | 3632575.90 | 10.88872 | (20082105) | 504221.98 | 3632575.90 | 9.96392 | (20082105) |
| 504321.98 | 3632575.90 | 8.97948 | (20082105) | 504421.98 | 3632575.90 | 8.32265 | (20082105) |
| 504521.98 | 3632575.90 | 9.14886 | (21011418) | 504621.98 | 3632575.90 | 8.10680 | (21011418) |
| 504721.98 | 3632575.90 | 6.58350 | (21011418) | 504821.98 | 3632575.90 | 6.18456 | (21011418) |
| 504921.98 | 3632575.90 | 5.78749 | (20110517) | 505021.98 | 3632575.90 | 5.55084 | (20110517) |
| 505121.98 | 3632575.90 | 5.28801 | (20110517) | 505221.98 | 3632575.90 | 5.05061 | (20110517) |
| 505321.98 | 3632575.90 | 4.82209 | (20110517) | 505421.98 | 3632575.90 | 4.59530 | (20110517) |
| 505521.98 | 3632575.90 | 4.41796 | (20082223) | 505621.98 | 3632575.90 | 4.50745 | (20081804) |
| 505721.98 | 3632575.90 | 4.58966 | (20081804) | 501721.98 | 3632675.90 | 5.35120 | (21012320) |
| 501821.98 | 3632675.90 | 5.43515 | (21012320) | 501921.98 | 3632675.90 | 5.81582 | (21111004) |
| 502021.98 | 3632675.90 | 6.16884 | (21111004) | 502121.98 | 3632675.90 | 6.40638 | (21111004) |
| 502221.98 | 3632675.90 | 6.53855 | (21111004) | 502321.98 | 3632675.90 | 6.63507 | (21111004) |
| 502421.98 | 3632675.90 | 6.68852 | (21111004) | 502521.98 | 3632675.90 | 6.76120 | (21111004) |
| 502621.98 | 3632675.90 | 8.45833 | (21030103) | 502721.98 | 3632675.90 | 11.74737 | (21030103) |
| 502821.98 | 3632675.90 | 14.51436 | (21030103) | 502921.98 | 3632675.90 | 20.96071 | (20121603) |
| 503021.98 | 3632675.90 | 25.28245 | (20121603) | 503721.98 | 3632675.90 | 47.47064 | (20032321) |
| 503821.98 | 3632675.90 | 30.53202 | (20073022) | 503921.98 | 3632675.90 | 19.25474 | (20072922) |
| 504021.98 | 3632675.90 | 13.19300 | (20082105) | 504121.98 | | | |

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3632675.90       11.18352  (20082105)
        504221.98   3632675.90        9.91012  (20082105)                504321.98
3632675.90        8.95577  (20111118)
        504421.98   3632675.90        8.15129  (21011418)                504521.98
3632675.90        7.61040  (21011418)
        504621.98   3632675.90        6.93534  (21011418)                504721.98
3632675.90        6.44245  (20110517)
        504821.98   3632675.90        6.09730  (20110517)                504921.98
3632675.90        5.79423  (20110517)
        505021.98   3632675.90        5.50083  (20110517)                505121.98
3632675.90        5.21895  (20110517)
        505221.98   3632675.90        4.96413  (20110517)                505321.98
3632675.90        4.74546  (20082223)
        505421.98   3632675.90        4.55403  (20082223)                505521.98
3632675.90        4.52306  (20081804)
        505621.98   3632675.90        4.53116  (20081804)                505721.98
3632675.90        4.17582  (20081804)
        502421.98   3632775.90        7.34372  (21111004)                502521.98
3632775.90        7.51040  (21111004)
        502621.98   3632775.90        7.61135  (21012320)                502721.98
3632775.90        9.92075  (21030103)
        502821.98   3632775.90       13.82445  (21030103)                502921.98
3632775.90       24.93829  (20121603)
        503021.98   3632775.90       36.75400  (20121603)                503121.98
3632775.90       37.78624  (20092124)
        503221.98   3632775.90       37.33128  (20102407)                503621.98
3632775.90       66.84175  (21022105)
        503721.98   3632775.90       48.85119  (20032321)                503821.98
3632775.90       27.06496  (20072721)
        503921.98   3632775.90       20.94082  (20081805)                504021.98
3632775.90       16.82738  (20081805)
        504121.98   3632775.90       12.22860  (20082105)                504221.98
3632775.90        9.88763  (20111118)
        504321.98   3632775.90        8.84828  (21011418)                504421.98
3632775.90        7.96014  (21011418)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1007
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
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, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504521.98   3632775.90        7.31886  (20110517)                504621.98
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        504721.98   3632775.90        6.43405  (20110517)                504821.98
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        504921.98   3632775.90        5.71262  (20110517)                505021.98
3632775.90        5.39341  (20110517)
        505121.98   3632775.90        5.12835  (20082223)                505221.98
3632775.90        4.89290  (20082223)
        505321.98   3632775.90        4.67989  (20082223)                505421.98
3632775.90        4.48078  (20082223)
        505521.98   3632775.90        4.54118  (20081804)                505621.98
3632775.90        4.60939  (20081804)
        505721.98   3632775.90        4.36107  (20081804)                501721.98
3632875.90        6.00311  (21012320)
        501821.98   3632875.90        6.09464  (21012320)                501921.98
3632875.90        6.19124  (21012320)
        502021.98   3632875.90        6.28447  (21012320)                502121.98
3632875.90        6.41729  (21012320)
        502221.98   3632875.90        6.88917  (21111004)                502321.98
3632875.90        7.32086  (21111004)
        502421.98   3632875.90        7.65052  (21111004)                502521.98
3632875.90        7.85036  (21111004)
        502621.98   3632875.90        7.96446  (21111004)                502721.98
3632875.90        8.19135  (21012320)
        502821.98   3632875.90       11.87508  (21030103)                502921.98
3632875.90       31.95444  (21030103)
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        503221.98   3632875.90       36.58217  (21063005)                503321.98
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        503421.98   3632875.90       55.56835  (20111701)                503621.98
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        503721.98   3632875.90       52.40653  (20032321)                503821.98
3632875.90       25.38839  (20081805)
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3632875.90       13.33339  (20082105)

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        504121.98   3632875.90       11.14338  (20082105)               504221.98
3632875.90        9.72035  (21011418)
        504321.98   3632875.90        8.56879  (21011418)               504421.98
3632875.90        7.88332  (20110517)
        504521.98   3632875.90        7.30801  (20110517)               504621.98
3632875.90        6.78783  (20110517)
        504721.98   3632875.90        6.33033  (20110517)               504821.98
3632875.90        5.93882  (20110517)
        504921.98   3632875.90        5.59772  (20110517)               505021.98
3632875.90        5.30917  (20110517)
        505121.98   3632875.90        5.06045  (20110517)               505221.98
3632875.90        4.84904  (20110517)
        505321.98   3632875.90        4.64684  (20110517)               505421.98
3632875.90        4.56322  (20081804)
        505521.98   3632875.90        4.52511  (20081804)               505621.98
3632875.90        4.67589  (20081804)
        505721.98   3632875.90        4.39041  (20081804)               501721.98
3632975.90        6.30236  (21012320)
        501821.98   3632975.90        6.43395  (21012320)               501921.98
3632975.90        6.55753  (21012320)
        502021.98   3632975.90        6.68936  (21012320)               502121.98
3632975.90        6.80763  (21012320)
        505321.98   3632975.90        4.69772  (21011317)               505421.98
3632975.90        4.67145  (20081804)
        505521.98   3632975.90        4.83466  (20081804)               505621.98
3632975.90        4.77068  (20081804)
        505721.98   3632975.90        4.46120  (20081804)               501721.98
3633075.90        6.50729  (21012320)
        501821.98   3633075.90        6.69417  (21012320)               501921.98
3633075.90        6.89105  (21012320)
        502021.98   3633075.90        7.05839  (21012320)               502121.98
3633075.90        7.24411  (21012320)
        505321.98   3633075.90        4.74588  (20082306)               505421.98
3633075.90        5.09870  (20082306)
        505521.98   3633075.90        5.20847  (20082306)               505621.98
3633075.90        5.01340  (20082306)
        505721.98   3633075.90        4.50025  (20081804)               501721.98
3633175.90        6.50617  (21012320)
        501821.98   3633175.90        6.82256  (21012320)               501921.98
3633175.90        7.10449  (21012320)
        502021.98   3633175.90        7.37916  (21012320)               502121.98
3633175.90        7.55970  (21012320)
        505321.98   3633175.90        5.14170  (20082306)               505421.98
3633175.90        5.26604  (20082306)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44

                                PAGE  1008
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS  ***
INCLUDING SOURCE(S):  L0000595  , L0000596 , L0000597  , L0000598  , L0000599  ,
L0000600  , L0000601  , L0000602  , L0000603  , L0000604 , L0000605  , L0000606  , L0000607  ,
L0000608  , L0000609  , L0000610  , L0000611  , L0000612 , L0000613  , L0000614  , L0000615  ,
L0000616  , L0000617  , L0000618  , L0000619  , L0000620 , L0000621  , L0000622  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 5.49109 | (20082306) | 505621.98 | 3633175.90 | 5.53824 | (20082306) |
| 505721.98 | 3633175.90 | 5.00560 | (20082306) | 501721.98 | 3633275.90 | 6.13154 | (21012320) |
| 501821.98 | 3633275.90 | 6.63166 | (21012320) | 501921.98 | 3633275.90 | 7.08211 | (21012320) |
| 502021.98 | 3633275.90 | 7.50875 | (21012320) | 502121.98 | 3633275.90 | 7.83848 | (21012320) |
| 505321.98 | 3633275.90 | 5.42615 | (20082306) | 505421.98 | 3633275.90 | 5.14732 | (20082306) |
| 505521.98 | 3633275.90 | 5.53130 | (20082306) | 505621.98 | 3633275.90 | 5.77719 | (20082306) |
| 505721.98 | 3633275.90 | 5.39142 | (20082306) | 501721.98 | 3633375.90 | 5.28168 | (21012320) |
| 501821.98 | 3633375.90 | 5.90803 | (21012320) | 501921.98 | 3633375.90 | 6.53293 | (21012320) |
| 502021.98 | 3633375.90 | 7.15101 | (21012320) | 502121.98 | 3633375.90 | 7.74331 | (21012320) |
| 505321.98 | 3633375.90 | 5.89392 | (20041201) | 505421.98 | 3633375.90 | 5.23757 | (20041201) |
| 505521.98 | 3633375.90 | 5.43247 | (20041201) | 505621.98 | 3633375.90 | 6.16827 | (20041201) |
| 505721.98 | 3633375.90 | 6.08756 | (20041201) | 501721.98 | 3633475.90 | 5.34293 | (19083104) |
| 501821.98 | 3633475.90 | 5.57426 | (19083104) | 501921.98 | 3633475.90 | 5.82555 | (19083104) |
| 502021.98 | 3633475.90 | 6.20640 | (21012320) | 502121.98 | | | |

3633475.90 6.96955 (21012320)
505321.98 3633475.90 6.40380 (20081806) 505421.98
3633475.90 5.60729 (20081806)
505521.98 3633475.90 5.82105 (20081806) 505621.98
3633475.90 6.08843 (20041201)
505721.98 3633475.90 6.34982 (20041201) 501721.98
3633575.90 5.29753 (21021102)
501821.98 3633575.90 5.57708 (19083104) 501921.98
3633575.90 5.86672 (19083104)
502021.98 3633575.90 6.16435 (19083104) 502121.98
3633575.90 6.59067 (19083104)
505321.98 3633575.90 6.52722 (20081806) 505421.98
3633575.90 5.69889 (20081806)
505521.98 3633575.90 6.06496 (20081806) 505621.98
3633575.90 6.47956 (20081806)
505721.98 3633575.90 6.52721 (20081806) 501721.98
3633675.90 5.39216 (21021102)
501821.98 3633675.90 5.60724 (21021102) 501921.98
3633675.90 5.86743 (21021102)
502021.98 3633675.90 6.15641 (21021102) 502121.98
3633675.90 6.60054 (21021102)
505321.98 3633675.90 6.28620 (20081806) 505421.98
3633675.90 5.38107 (20081806)
505521.98 3633675.90 5.81613 (20081806) 505621.98
3633675.90 6.32527 (20081806)
505721.98 3633675.90 6.69212 (20081806) 501721.98
3633775.90 5.48730 (21021102)
501821.98 3633775.90 5.70881 (21021102) 501921.98
3633775.90 5.95858 (21021102)
502021.98 3633775.90 6.23635 (21021102) 502121.98
3633775.90 6.53418 (21021102)
505321.98 3633775.90 6.57379 (20082024) 505421.98
3633775.90 5.92551 (20081806)
505521.98 3633775.90 5.79520 (20081806) 505621.98
3633775.90 6.32108 (20081806)
505721.98 3633775.90 6.79764 (20081806) 501721.98
3633875.90 5.56270 (21021102)
501821.98 3633875.90 5.81233 (21021102) 501921.98
3633875.90 6.01510 (21021102)
502021.98 3633875.90 6.33275 (21021102) 502121.98
3633875.90 6.62842 (21021102)
505321.98 3633875.90 7.11229 (20082024) 505421.98
3633875.90 6.91790 (20082024)
505521.98 3633875.90 6.53530 (20082024) 505621.98
3633875.90 6.47246 (20081806)
505721.98 3633875.90 6.98730 (20081806) 501721.98
3633975.90 5.59245 (21021102)
501821.98 3633975.90 5.83326 (21021102) 501921.98
3633975.90 6.09545 (21021102)
502021.98 3633975.90 6.37374 (21021102) 502121.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3633975.90        7.35947  (20082024)                505621.98
3633975.90        7.08856  (20082024)
        505721.98   3633975.90        7.23777  (20081806)                501721.98
3634075.90        5.44326  (21021102)
        501821.98   3634075.90        5.68492  (21021102)                501921.98
3634075.90        5.94591  (21021102)
        502021.98   3634075.90        6.22929  (21011719)                502121.98
3634075.90        6.55106  (21011719)
        505321.98   3634075.90        7.97906  (20082024)                505421.98
3634075.90        8.00608  (20082024)
        505521.98   3634075.90        7.94133  (20082024)                505621.98
3634075.90        7.91691  (20041201)
        505721.98   3634075.90        7.47948  (20041201)                501721.98
3634175.90        5.29416  (21011719)
        501821.98   3634175.90        5.61310  (21011719)                501921.98
3634175.90        5.89334  (21011719)
        502021.98   3634175.90        6.10402  (21011719)                502121.98
3634175.90        6.39678  (21011719)

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        505321.98   3634175.90        9.12029  (20082024)               505421.98
3634175.90        9.20744  (20041201)
        505521.98   3634175.90        9.16836  (20041201)               505621.98
3634175.90        8.26857  (20041201)
        505721.98   3634175.90        7.45962  (20041201)               501721.98
3634275.90        5.30699  (21011719)
        501821.98   3634275.90        5.52299  (21011719)               501921.98
3634275.90        5.73570  (21011719)
        502021.98   3634275.90        6.00972  (20022207)               502121.98
3634275.90        6.46279  (20022207)
        505321.98   3634275.90       10.64439  (20081806)               505421.98
3634275.90       10.24990  (20041201)
        505521.98   3634275.90        8.84254  (20081806)               505621.98
3634275.90        8.17718  (20081806)
        505721.98   3634275.90        7.53116  (20082024)               501721.98
3634375.90        5.26365  (21011719)
        501821.98   3634375.90        5.46349  (21011719)               501921.98
3634375.90        5.87469  (20022207)
        502021.98   3634375.90        6.24473  (20022207)               502121.98
3634375.90        6.59644  (20022207)
        505321.98   3634375.90       11.48246  (20081806)               505421.98
3634375.90       10.90641  (20081806)
        505521.98   3634375.90        8.84888  (20081806)               505621.98
3634375.90        7.80079  (20082024)
        505721.98   3634375.90        7.34048  (20082024)               501721.98
3634475.90        5.31929  (20022207)
        501821.98   3634475.90        5.78848  (20022207)               501921.98
3634475.90        6.14336  (20022207)
        502021.98   3634475.90        6.46236  (20022207)               502121.98
3634475.90        6.64436  (20022207)
        505321.98   3634475.90       11.59059  (20082024)               505421.98
3634475.90       11.36057  (19022319)
        505521.98   3634475.90       10.09832  (20082024)               505621.98
3634475.90        8.96952  (20082024)
        505721.98   3634475.90        7.48176  (20082024)               501721.98
3634575.90        5.58092  (20022207)
        501821.98   3634575.90        5.87510  (20022207)               501921.98
3634575.90        6.11554  (20022207)
        502021.98   3634575.90        6.35198  (20022207)               502121.98
3634575.90        6.63506  (21012023)
        505321.98   3634575.90       11.89023  (20082024)               505421.98
3634575.90       11.07334  (19030607)
        505521.98   3634575.90       10.60963  (20082024)               505621.98
3634575.90        9.90385  (20082024)
        505721.98   3634575.90        8.14932  (20082024)               501721.98
3634675.90        5.69708  (20022207)
        501821.98   3634675.90        5.93781  (20022207)               501921.98
3634675.90        6.11519  (20022207)
        502021.98   3634675.90        6.33958  (21012023)               502121.98
3634675.90        6.44720  (21012023)
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        505321.98   3634675.90       11.47962  (20082106)                505421.98
3634675.90       11.36714  (20121617)
        505521.98   3634675.90        9.48070  (20102019)                505621.98
3634675.90       10.53161  (20082024)
        505721.98   3634675.90        9.89285  (20082024)                501721.98
3634775.90        5.68335  (20022207)
        501821.98   3634775.90        5.89303  (20022207)                501921.98
3634775.90        6.01798  (21012023)
        502021.98   3634775.90        6.24044  (20022207)                502121.98
3634775.90        6.41428  (20022207)
        505321.98   3634775.90       12.53260  (20082106)                505421.98
3634775.90       10.45957  (20010802)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1010
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3634775.90        9.72198  (20010802)                505621.98
3634775.90        9.50619  (20072505)
        505721.98   3634775.90        9.91513  (20121617)                501721.98
3634875.90        5.61466  (20022207)
        501821.98   3634875.90        5.81036  (20022207)                501921.98
3634875.90        5.98030  (20022207)
        502021.98   3634875.90        6.17308  (20022207)                502121.98
3634875.90        6.38016  (20040823)
        505321.98   3634875.90       14.37758  (20082302)                505421.98
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3634875.90       10.22210  (21122806)
        505521.98   3634875.90       10.05109  (20010802)                505621.98
3634875.90        9.65990  (20010802)
        505721.98   3634875.90        8.66434  (20010802)                501721.98
3634975.90        5.57737  (20022207)
        501821.98   3634975.90        5.73473  (20022207)                501921.98
3634975.90        5.91836  (20022207)
        502021.98   3634975.90        6.12929  (20040823)                502121.98
3634975.90        6.37662  (20040823)
        505321.98   3634975.90       12.45453  (20092620)                505421.98
3634975.90        8.70491  (20092620)
        505521.98   3634975.90        7.59861  (20092620)                505621.98
3634975.90        7.86424  (20010802)
        505721.98   3634975.90        8.12229  (20010802)                501721.98
3635075.90        5.55212  (20022207)
        501821.98   3635075.90        5.66201  (20022207)                501921.98
3635075.90        5.90330  (20040823)
        502021.98   3635075.90        6.16326  (20040823)                502121.98
3635075.90        6.27127  (20040823)
        505321.98   3635075.90       11.65492  (19102623)                505421.98
3635075.90        8.10132  (19030707)
        505521.98   3635075.90        6.32817  (21071520)                505621.98
3635075.90        7.78156  (20092620)
        505721.98   3635075.90        5.50020  (20092620)                501721.98
3635175.90        5.43335  (20022207)
        501821.98   3635175.90        5.59842  (20040823)                501921.98
3635175.90        5.90361  (20040823)
        502021.98   3635175.90        6.06008  (20040823)                502121.98
3635175.90        6.25283  (21121424)
        505321.98   3635175.90        8.98614  (21012617)                505421.98
3635175.90        7.88229  (21012617)
        505521.98   3635175.90        6.86872  (21012617)                505621.98
3635175.90        5.93384  (21012617)
        505721.98   3635175.90        5.35657  (21071520)                501721.98
3635275.90        6.36849  (19111006)
        501821.98   3635275.90        5.67141  (20022207)                501921.98
3635275.90        5.96802  (20022207)
        502021.98   3635275.90        5.98203  (20022207)                502121.98
3635275.90        6.12650  (21121424)
        505621.98   3635275.90        6.70506  (21012617)                505721.98
3635275.90        5.84514  (21012617)
        501721.98   3635375.90        6.74699  (21052423)                501821.98
3635375.90        6.37366  (21052423)
        501921.98   3635375.90        6.23639  (20122320)                502021.98
3635375.90        6.35747  (20122320)
        502121.98   3635375.90        5.94022  (21121424)                505621.98
3635375.90        7.33702  (21012617)
        501721.98   3635475.90        6.87274  (20122320)                501821.98
3635475.90        6.86423  (21012023)
        501921.98   3635475.90        6.42383  (21012023)                502021.98
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3635475.90        5.64014  (21121424)
        502121.98   3635475.90        5.82610  (19121706)                505621.98
3635475.90        7.69615  (21012617)
        505721.98   3635475.90        6.98580  (21012617)                501721.98
3635575.90        6.84841  (21012023)
        501821.98   3635575.90        6.80072  (21012023)                501921.98
3635575.90        6.42346  (21012023)
        502021.98   3635575.90        6.04493  (21012023)                502121.98
3635575.90        6.34771  (20122721)
        505321.98   3635575.90        8.04546  (20011620)                505421.98
3635575.90        7.06290  (21012617)
        505521.98   3635575.90        7.56586  (21012617)                505621.98
3635575.90        7.58501  (21012617)
        505721.98   3635575.90        7.26681  (21012617)                501721.98
3635675.90        6.98394  (20122721)
        501821.98   3635675.90        6.79404  (20122721)                501921.98
3635675.90        6.58211  (20122721)
        502021.98   3635675.90        6.55326  (20122721)                502121.98
3635675.90        6.99815  (21121424)
        505321.98   3635675.90        8.36564  (20011620)                505421.98
3635675.90        7.46308  (20011620)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596 , L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604 , L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612 , L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620 , L0000621    , L0000622    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

```
        505521.98   3635675.90        6.52955  (21012617)               505621.98
3635675.90        7.05481  (21012617)
        505721.98   3635675.90        7.14397  (21012617)               501721.98
3635775.90        7.22178  (21121424)
        501821.98   3635775.90        6.81844  (20122721)               501921.98
3635775.90        6.58882  (20122721)
        502021.98   3635775.90        6.96360  (21121424)               502121.98
3635775.90        7.28246  (21121424)
        505321.98   3635775.90        8.18142  (20011620)               505421.98
3635775.90        7.94095  (20011620)
        505521.98   3635775.90        6.97734  (20011620)               505621.98
3635775.90        6.10572  (21012617)
        505721.98   3635775.90        6.63288  (21012617)               501721.98
3635875.90        7.99673  (20042421)
        501821.98   3635875.90        7.45689  (21121424)               501921.98
3635875.90        7.26448  (21121424)
        502021.98   3635875.90        7.39441  (21121424)               502121.98
3635875.90        7.34575  (21121424)
        505321.98   3635875.90        9.20756  (20011620)               505421.98
3635875.90        7.68467  (20011620)
        505521.98   3635875.90        7.38606  (20011620)               505621.98
3635875.90        6.52338  (20011620)
        505721.98   3635875.90        5.72369  (21012617)               501721.98
3635975.90        7.62720  (20042421)
        501821.98   3635975.90        7.20049  (21121424)               501921.98
3635975.90        7.20698  (21121424)
        502021.98   3635975.90        7.47108  (19121706)               502121.98
3635975.90        7.83766  (19121706)
        505321.98   3635975.90        6.59338  (20011620)               505421.98
3635975.90        7.12989  (20011620)
        505521.98   3635975.90        7.23424  (20011620)               505621.98
3635975.90        7.11322  (20011620)
        505721.98   3635975.90        6.11226  (20011620)               501721.98
3636075.90        7.70574  (19121706)
        501821.98   3636075.90        7.81979  (19121706)               501921.98
3636075.90        7.68648  (19121706)
        502021.98   3636075.90        7.95134  (19121706)               502121.98
3636075.90        7.89815  (19121706)
        502221.98   3636075.90        7.76398  (19121706)               502321.98
3636075.90        7.47615  (19121706)
        502421.98   3636075.90        6.99616  (19121706)               502521.98
3636075.90        7.36661  (20110924)
        502621.98   3636075.90        7.38560  (19073101)               502721.98
3636075.90        7.63593  (20091222)
        502821.98   3636075.90        7.81010  (20033120)               502921.98
3636075.90        9.60246  (20120224)
        503021.98   3636075.90       11.80118  (20120224)               503121.98
3636075.90       12.03689  (19072124)
        503221.98   3636075.90       12.84170  (21021806)               503321.98
3636075.90       12.48423  (21021806)
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        503421.98   3636075.90       10.81884  (21021806)               503521.98
3636075.90       13.69079  (21012024)
        503621.98   3636075.90       15.20718  (21012024)               503721.98
3636075.90       13.67067  (21012024)
        503821.98   3636075.90       10.18289  (19072223)               503921.98
3636075.90       12.95778  (19122420)
        504021.98   3636075.90       16.11120  (19122420)               504121.98
3636075.90       13.50928  (19122420)
        504221.98   3636075.90       14.58792  (20092001)               504321.98
3636075.90       14.44304  (21060422)
        504421.98   3636075.90       18.82690  (21013118)               504521.98
3636075.90       20.03682  (21013118)
        504621.98   3636075.90       16.05358  (20121721)               504721.98
3636075.90       13.44266  (20092821)
        504821.98   3636075.90        7.65703  (20092821)               504921.98
3636075.90        3.32745  (19031219)
        505021.98   3636075.90        3.06616  (21032918)               505121.98
3636075.90        3.57214  (20040223)
        505221.98   3636075.90        4.44567  (20040223)               505321.98
3636075.90        5.19832  (20011620)
        505421.98   3636075.90        6.23142  (20011620)               505521.98
3636075.90        6.89740  (20011620)
        505621.98   3636075.90        7.19638  (20011620)               505721.98
3636075.90        6.61115  (20011620)
        501721.98   3636175.90        7.84252  (19121706)               501821.98
3636175.90        7.80379  (19121706)
        501921.98   3636175.90        7.75488  (19121706)               502021.98
3636175.90        7.59234  (19121706)
        502121.98   3636175.90        7.44232  (19121706)               502221.98
3636175.90        7.34226  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1012
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596
, L0000597    , L0000598    , L0000599    ,
                  L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                  L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                  L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502321.98 | 3636175.90 | 7.10087 | (19121706) | 502421.98 | 3636175.90 | 6.94121 | (20110924) |
| 502521.98 | 3636175.90 | 7.03020 | (19073101) | 502621.98 | 3636175.90 | 7.23934 | (20091222) |
| 502721.98 | 3636175.90 | 7.17336 | (21012818) | 502821.98 | 3636175.90 | 7.84667 | (20101023) |
| 502921.98 | 3636175.90 | 10.19892 | (20120224) | 503021.98 | 3636175.90 | 11.81664 | (20120224) |
| 503121.98 | 3636175.90 | 13.02219 | (21021806) | 503221.98 | 3636175.90 | 12.62603 | (21021806) |
| 503321.98 | 3636175.90 | 11.84130 | (21021806) | 503421.98 | 3636175.90 | 10.94669 | (21041324) |
| 503521.98 | 3636175.90 | 13.85048 | (21012024) | 503621.98 | 3636175.90 | 14.95658 | (21012024) |
| 503721.98 | 3636175.90 | 13.04751 | (21012024) | 503821.98 | 3636175.90 | 10.42375 | (19072223) |
| 503921.98 | 3636175.90 | 13.31191 | (19122420) | 504021.98 | 3636175.90 | 16.50515 | (19122420) |
| 504121.98 | 3636175.90 | 13.53663 | (19122420) | 504221.98 | 3636175.90 | 14.93894 | (20092001) |
| 504321.98 | 3636175.90 | 17.56106 | (21060422) | 504421.98 | 3636175.90 | 19.31523 | (19073022) |
| 504521.98 | 3636175.90 | 21.79907 | (21013118) | 504621.98 | 3636175.90 | 18.21794 | (19100119) |
| 504721.98 | 3636175.90 | 14.73967 | (20121721) | 504821.98 | 3636175.90 | 12.99048 | (20092821) |
| 504921.98 | 3636175.90 | 12.27122 | (19022602) | 505021.98 | 3636175.90 | 8.14647 | (19022602) |
| 505121.98 | 3636175.90 | 2.85718 | (21032918) | 505221.98 | 3636175.90 | 3.63831 | (20040223) |
| 505321.98 | 3636175.90 | 4.47597 | (20040223) | 505421.98 | 3636175.90 | 5.56603 | (20011620) |
| 505521.98 | 3636175.90 | 6.03380 | (20011620) | 505621.98 | 3636175.90 | 6.96748 | (20011620) |
| 505721.98 | 3636175.90 | 6.84240 | (20011620) | 501721.98 | 3636275.90 | 7.49793 | (19121706) |
| 501821.98 | 3636275.90 | 7.32549 | (19121706) | 501921.98 | 3636275.90 | 7.30664 | (19073101) |
| 502021.98 | 3636275.90 | 7.39239 | (19073101) | 502121.98 | 3636275.90 | 7.15434 | (19121706) |
| 502221.98 | 3636275.90 | 6.99853 | (19121706) | 502321.98 | | | |

3636275.90        6.53360  (20110924)
        502421.98   3636275.90        6.55196  (19073101)                502521.98
3636275.90        6.83290  (20091222)
        502621.98   3636275.90        7.00834  (21012818)                502721.98
3636275.90        7.32916  (20101905)
        502821.98   3636275.90        8.64822  (20120224)                502921.98
3636275.90       10.95359  (20120224)
        503021.98   3636275.90       11.40191  (20120224)                503121.98
3636275.90       12.41538  (21021806)
        503221.98   3636275.90       12.15281  (19051001)                503321.98
3636275.90       13.12072  (19101219)
        503421.98   3636275.90       12.22208  (21041324)                503521.98
3636275.90       14.26745  (21041324)
        503621.98   3636275.90       14.62977  (21012024)                503721.98
3636275.90       13.09481  (19072223)
        503821.98   3636275.90       11.23949  (19071923)                503921.98
3636275.90       14.11869  (19072224)
        504021.98   3636275.90       17.77969  (19122420)                504121.98
3636275.90       16.20657  (19122420)
        504221.98   3636275.90       18.47656  (19050321)                504321.98
3636275.90       16.21053  (20050822)
        504421.98   3636275.90       15.04896  (20031720)                504521.98
3636275.90       16.16215  (21013118)
        504621.98   3636275.90       16.32270  (21013118)                504721.98
3636275.90       17.39054  (19111019)
        504821.98   3636275.90       16.12979  (21080821)                504921.98
3636275.90       12.20480  (20092821)
        505021.98   3636275.90        9.04431  (19022602)                505121.98
3636275.90        3.59389  (19022602)
        505221.98   3636275.90        3.02781  (21121422)                505321.98
3636275.90        3.81608  (20040223)
        505421.98   3636275.90        4.60097  (20040223)                505521.98
3636275.90        5.49408  (20011620)
        505621.98   3636275.90        6.35395  (20011620)                505721.98
3636275.90        7.19353  (20011620)
        501721.98   3636375.90        7.19579  (20031007)                501821.98
3636375.90        7.11297  (20031007)
        501921.98   3636375.90        7.30213  (19073101)                502021.98
3636375.90        7.26629  (19073101)


                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKS   ***
                                   INCLUDING SOURCE(S):     L0000595    , L0000596

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, L0000597    , L0000598    , L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604
, L0000605    , L0000606    , L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612
, L0000613    , L0000614    , L0000615    ,
                L0000616    , L0000617    , L0000618    , L0000619    , L0000620
, L0000621    , L0000622    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502121.98   3636375.90        6.72198  (19121706)               502221.98
3636375.90        6.41924  (19121706)
        502321.98   3636375.90        6.52634  (19020322)               502421.98
3636375.90        6.74832  (19020322)
        502521.98   3636375.90        6.88166  (19020322)               502621.98
3636375.90        6.88375  (21012818)
        502721.98   3636375.90        7.74294  (20101023)               502821.98
3636375.90        9.87158  (20120224)
        502921.98   3636375.90       11.66941  (20120224)               503021.98
3636375.90       11.74690  (19072124)
        503121.98   3636375.90       12.28726  (21021806)               503221.98
3636375.90       12.80116  (19051001)
        503321.98   3636375.90       12.85924  (19080922)               503421.98
3636375.90       14.04615  (21041324)
        503521.98   3636375.90       15.24808  (21041324)               503621.98
3636375.90       15.36115  (19072223)
        503721.98   3636375.90       13.40496  (19072223)               503821.98
3636375.90       12.08279  (19071923)
        503921.98   3636375.90       18.13204  (19072224)               504021.98
3636375.90       18.50798  (19122420)
        504121.98   3636375.90       16.87936  (19082323)               504221.98
3636375.90       16.58799  (19050321)
        504321.98   3636375.90       14.43024  (19082724)               504421.98
3636375.90       12.80843  (20031720)
        504521.98   3636375.90       13.72176  (21013118)               504621.98
3636375.90       15.74998  (21013118)
        504721.98   3636375.90       15.50347  (19100119)               504821.98
3636375.90       13.60288  (21071123)
        504921.98   3636375.90       13.88682  (19092222)               505021.98
3636375.90       11.66000  (19060920)
        505121.98   3636375.90        7.58130  (19022602)               505221.98
3636375.90        6.51962  (21121422)
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        505321.98   3636375.90        5.71319  (21121422)               505421.98
3636375.90        3.89828  (20040223)
        505521.98   3636375.90        4.53854  (20011620)               505621.98
3636375.90        5.73023  (20011620)
        505721.98   3636375.90        6.99188  (20011620)               501721.98
3636475.90        6.95308  (21100523)
        501821.98   3636475.90        7.26306  (21100523)               501921.98
3636475.90        6.89393  (19073101)
        502021.98   3636475.90        7.52591  (20091222)               502121.98
3636475.90        7.26497  (20091222)
        502221.98   3636475.90        6.68948  (21041406)               502321.98
3636475.90        6.69783  (19020322)
        502421.98   3636475.90        6.77043  (19020322)               502521.98
3636475.90        6.83377  (21012818)
        502621.98   3636475.90        7.00720  (20101905)               502721.98
3636475.90        7.84265  (20101023)
        502821.98   3636475.90       11.38935  (20120224)               502921.98
3636475.90       11.30664  (19072124)
        503021.98   3636475.90       11.40564  (21021806)               503121.98
3636475.90       12.42231  (19051001)
        503221.98   3636475.90       12.46295  (19080922)               503321.98
3636475.90       12.94513  (19051020)
        503421.98   3636475.90       14.66985  (21041324)               503521.98
3636475.90       14.95388  (21041324)
        503621.98   3636475.90       15.89012  (19072223)               503721.98
3636475.90       13.73556  (19072223)
        503821.98   3636475.90       14.91317  (21050323)               503921.98
3636475.90       19.15919  (19072224)
        504021.98   3636475.90       16.50881  (19072224)               504121.98
3636475.90       15.45328  (19081023)
        504221.98   3636475.90       15.85102  (19070422)               504321.98
3636475.90       13.61300  (19082724)
        504421.98   3636475.90       12.51681  (21071621)               504521.98
3636475.90       12.26923  (21052004)
        504621.98   3636475.90       15.17148  (21013118)               504721.98
3636475.90       11.77282  (19100119)
        504821.98   3636475.90       11.99092  (19111019)               504921.98
3636475.90       13.23975  (21080821)
        505021.98   3636475.90       13.68335  (20102221)               505121.98
3636475.90        8.46930  (19022602)
        505221.98   3636475.90        6.74766  (19022602)               505321.98
3636475.90        6.83620  (21121422)
        505421.98   3636475.90        4.59970  (21121422)               505521.98
3636475.90        3.94337  (20040223)
        505621.98   3636475.90        4.79124  (20011620)               505721.98
3636475.90        5.92745  (20011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633475.90 | 9.07910 | (21012617) | 502771.98 | 3633475.90 | 9.22074 | (21012617) |
| 502821.98 | 3633475.90 | 9.30107 | (21012617) | 502871.98 | 3633475.90 | 9.36158 | (21012617) |
| 502921.98 | 3633475.90 | 9.41841 | (21012617) | 502971.98 | 3633475.90 | 9.41400 | (21012617) |
| 503021.98 | 3633475.90 | 9.38700 | (21012617) | 503071.98 | 3633475.90 | 9.37061 | (21012617) |
| 503121.98 | 3633475.90 | 9.30312 | (21012617) | 503171.98 | 3633475.90 | 9.19310 | (21012617) |
| 503221.98 | 3633475.90 | 9.20992 | (21012617) | 503271.98 | 3633475.90 | 9.13665 | (21012617) |
| 503321.98 | 3633475.90 | 9.26845 | (21012617) | 503371.98 | 3633475.90 | 14.85965 | (20082302) |
| 503421.98 | 3633475.90 | 14.78524 | (20082302) | 503471.98 | 3633475.90 | 14.72941 | (20082302) |
| 503521.98 | 3633475.90 | 14.73081 | (20082302) | 503621.98 | 3633475.90 | 15.41595 | (21060422) |
| 503671.98 | 3633475.90 | 13.61534 | (21013118) | 503721.98 | 3633475.90 | 12.51412 | (20082106) |
| 503771.98 | 3633475.90 | 12.42314 | (20082106) | 503821.98 | 3633475.90 | 11.85732 | (20082106) |
| 503871.98 | 3633475.90 | 11.73587 | (19101324) | 503921.98 | 3633475.90 | 13.62791 | (20092424) |
| 503971.98 | 3633475.90 | 14.89636 | (20092424) | 504021.98 | | | |

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3633475.90       13.37064  (20092424)
        504071.98   3633475.90       13.06259  (19020919)                504121.98
3633475.90       14.28006  (19020919)
        504171.98   3633475.90       12.78276  (19020919)                504221.98
3633475.90       13.57096  (20020306)
        504271.98   3633475.90       13.90104  (19021605)                504321.98
3633475.90       13.89110  (20082301)
        504371.98   3633475.90       13.57821  (20082301)                504421.98
3633475.90       11.84046  (20082301)
        504471.98   3633475.90       11.06911  (20082302)                504521.98
3633475.90       10.98271  (20082302)
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3633475.90       12.38614  (21011602)
        504671.98   3633475.90       12.88588  (20082106)                504721.98
3633475.90       13.43087  (20082106)
        502721.98   3633525.90        8.49777  (20011620)                502771.98
3633525.90        8.54474  (21012617)
        502821.98   3633525.90        8.69332  (21012617)                502871.98
3633525.90        8.81174  (21012617)
        502921.98   3633525.90        8.88564  (21012617)                502971.98
3633525.90        8.90777  (21012617)
        503021.98   3633525.90        8.91399  (21012617)                503071.98
3633525.90        8.89707  (21012617)
        503121.98   3633525.90        8.83595  (21012617)                503171.98
3633525.90        8.79573  (21012617)
        503221.98   3633525.90        8.76502  (21012617)                503271.98
3633525.90        8.78202  (21012617)
        503321.98   3633525.90        8.71205  (21012617)                503371.98
3633525.90       13.60673  (19030707)
        503421.98   3633525.90       13.90492  (19030707)                503471.98
3633525.90       13.57188  (19030707)
        503521.98   3633525.90       13.91565  (20092620)                503621.98
3633525.90       13.73138  (20092620)
        503671.98   3633525.90       13.69641  (20082302)                503721.98
3633525.90       14.24745  (20121721)
        503771.98   3633525.90       14.17695  (20092821)                503821.98
3633525.90       12.03527  (20082106)
        503871.98   3633525.90       12.59689  (21121422)                503921.98
3633525.90       13.11715  (21090701)
        503971.98   3633525.90       13.27881  (20092424)                504021.98
3633525.90       14.14125  (20092424)
        504071.98   3633525.90       12.97871  (21122618)                504121.98
3633525.90       13.89023  (21122618)
        504171.98   3633525.90       13.79399  (19020919)                504221.98
3633525.90       13.19236  (19102623)
        504271.98   3633525.90       13.16095  (19102623)                504321.98
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        504371.98   3633525.90       11.80796  (20082301)                504421.98
3633525.90       11.17791  (20082301)
        504471.98   3633525.90       10.26095  (20082301)                504521.98
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633575.90        8.05860  (20011620)                502771.98
3633575.90        8.06209  (20011620)
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3633575.90        8.25416  (21012617)
        502921.98   3633575.90        8.35602  (21012617)                502971.98
3633575.90        8.42568  (21012617)
        503021.98   3633575.90        8.47877  (21012617)                503071.98
3633575.90        8.48454  (21012617)
        503121.98   3633575.90        8.44743  (21012617)                503171.98
3633575.90        8.42674  (21012617)
        503221.98   3633575.90        8.41532  (21012617)                503271.98
3633575.90        8.39389  (21012617)
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3633575.90        8.49983  (21012617)
        503421.98   3633575.90        8.43098  (21012617)                503471.98
3633575.90       10.86564  (19030707)

503521.98 3633575.90 9.48501 (19030707) 503621.98
3633575.90 13.06345 (20092620)
503671.98 3633575.90 13.11394 (20092620) 503721.98
3633575.90 13.02046 (20092620)
503771.98 3633575.90 13.42312 (20121721) 503821.98
3633575.90 13.92805 (20092821)
503871.98 3633575.90 14.48019 (19022602) 503921.98
3633575.90 14.79955 (21121422)
503971.98 3633575.90 12.82152 (21090701) 504021.98
3633575.90 13.80444 (21090701)
504071.98 3633575.90 13.77202 (21122618) 504121.98
3633575.90 15.03657 (21122618)
504171.98 3633575.90 14.92393 (21122618) 504221.98
3633575.90 13.33335 (21122618)
504271.98 3633575.90 12.36869 (19020919) 504321.98
3633575.90 11.32093 (20020306)
504371.98 3633575.90 10.39156 (20020306) 504421.98
3633575.90 9.95707 (20082301)
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504671.98 3633575.90 12.63377 (20082302) 504721.98
3633575.90 12.73234 (20082302)
502721.98 3633625.90 7.66508 (20011620) 502771.98
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502921.98 3633625.90 7.81620 (21012617) 502971.98
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503521.98 3633625.90 7.93297 (21012617) 503621.98
3633625.90 12.10237 (19030707)
503671.98 3633625.90 12.39634 (20092620) 503721.98
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3633625.90 12.43354 (20092821)
503871.98 3633625.90 12.30275 (20092620) 503921.98
3633625.90 12.78353 (19022602)
503971.98 3633625.90 13.45154 (21121422) 504021.98
3633625.90 11.76734 (21061321)

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                 INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633675.90        7.27836  (20011620)                502771.98
3633675.90        7.32491  (20011620)
        502821.98   3633675.90        7.34345  (20011620)                502871.98
3633675.90        7.34906  (20011620)
        502921.98   3633675.90        7.35839  (20011620)                502971.98
3633675.90        7.45478  (21012617)
        503021.98   3633675.90        7.58213  (21012617)                503071.98

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        503121.98   3633675.90        7.69858  (21012617)                503171.98
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        503221.98   3633675.90        7.74023  (21012617)                503271.98
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        503321.98   3633675.90        7.74719  (21012617)                503371.98
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        503521.98   3633675.90        7.57954  (21012617)                503571.98
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        503971.98   3633675.90       11.74840  (20092620)                504021.98
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        504071.98   3633675.90       11.45903  (20092620)                504121.98
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        504171.98   3633675.90       11.18333  (20092620)                504221.98
3633675.90       11.00364  (20092620)
        504271.98   3633675.90       13.48009  (21122618)                504321.98
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        504371.98   3633675.90       10.55228  (19020919)                504421.98
3633675.90       10.07729  (20020306)
        504471.98   3633675.90       10.81612  (20020306)                504521.98
3633675.90       11.10470  (19021605)
        504571.98   3633675.90       11.01081  (20082301)                504621.98
3633675.90       11.19582  (20082301)
        504671.98   3633675.90       10.98349  (20082301)                504721.98
3633675.90       11.20350  (20082302)
        502721.98   3633725.90        6.88787  (20011620)                502771.98
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        502821.98   3633725.90        7.01529  (20011620)                502871.98
3633725.90        7.04362  (20011620)
        502921.98   3633725.90        7.07195  (20011620)                502971.98
3633725.90        7.06527  (20011620)
        503021.98   3633725.90        7.09585  (21012617)                503071.98
3633725.90        7.23130  (21012617)
        503121.98   3633725.90        7.31798  (21012617)                503171.98
3633725.90        7.37513  (21012617)
        503221.98   3633725.90        7.41438  (21012617)                503271.98
3633725.90        7.42701  (21012617)
        503321.98   3633725.90        7.42680  (21012617)                503371.98
3633725.90        7.40647  (21012617)
        503421.98   3633725.90        7.37289  (21012617)                503471.98
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3633725.90        7.34710  (21012617)
        503721.98   3633725.90       10.74700  (19030707)                503771.98
3633725.90       10.85834  (19030707)
        503821.98   3633725.90       11.08634  (20092620)                503871.98
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        504121.98   3633725.90       11.20890  (20092620)                504171.98
3633725.90       11.03126  (20092620)
        504221.98   3633725.90       10.90324  (20092620)                504271.98
3633725.90       10.71103  (20092620)
        504321.98   3633725.90       12.05115  (21122618)                504371.98
3633725.90       11.21019  (19020919)
        504421.98   3633725.90       10.51696  (19020919)                504471.98
3633725.90       10.63091  (20110218)
        504521.98   3633725.90       10.77562  (20020306)                504571.98
3633725.90       10.75938  (19021605)
        504621.98   3633725.90       10.53348  (19021605)                504671.98
3633725.90       10.66862  (20082301)
        504721.98   3633725.90       10.64189  (20082301)                502721.98
3633775.90        6.47691  (20011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1017
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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 - - -
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        503821.98   3633825.90        8.85990  (19030707)               503871.98
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        503921.98   3633825.90       10.03886  (20092620)               503971.98
3633825.90       10.36324  (20092620)
        504021.98   3633825.90        9.80458  (20092620)               504071.98
3633825.90        9.99627  (20092620)
        504121.98   3633825.90        9.91086  (20092620)               504171.98
3633825.90        9.48071  (20092620)
        504221.98   3633825.90        9.87653  (20092620)               504271.98
3633825.90       10.16948  (20092620)
        504321.98   3633825.90       10.27679  (20092620)               504371.98
3633825.90       10.30076  (20092620)
        504421.98   3633825.90       10.23480  (21122618)               504471.98
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        504521.98   3633825.90        9.96515  (19102623)               504571.98
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        504621.98   3633825.90       11.15741  (19102623)               504671.98
3633825.90       10.86613  (19102623)
        504721.98   3633825.90       10.10972  (19102623)               502721.98
3633875.90        6.02827  (21012024)
        502771.98   3633875.90        5.99473  (21013118)               502821.98
3633875.90        6.00912  (20011620)
        502871.98   3633875.90        6.12739  (20011620)               502921.98
3633875.90        6.22710  (20011620)
        502971.98   3633875.90        6.27059  (20011620)               503021.98
3633875.90        6.29222  (20011620)
        503071.98   3633875.90        6.30165  (20011620)               503121.98
3633875.90        6.28946  (20011620)
        503171.98   3633875.90        6.27607  (20011620)               503221.98
3633875.90        6.37430  (21012617)
        503271.98   3633875.90        6.48077  (21012617)               503821.98
3633875.90        7.08305  (19030707)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1018
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503871.98 | 3633875.90 | 9.45934 | (19030707) | 503921.98 | 3633875.90 | 9.45110 | (19030707) |
| 503971.98 | 3633875.90 | 8.86944 | (19030707) | 504021.98 | 3633875.90 | 8.93456 | (19030707) |
| 504071.98 | 3633875.90 | 9.10985 | (19030707) | 504121.98 | 3633875.90 | 8.39298 | (19030707) |
| 504171.98 | 3633875.90 | 8.77439 | (20092620) | 504221.98 | 3633875.90 | 9.34131 | (20092620) |
| 504271.98 | 3633875.90 | 9.72358 | (20092620) | 504321.98 | 3633875.90 | 10.14963 | (20092620) |
| 504371.98 | 3633875.90 | 10.15920 | (20092620) | 504421.98 | 3633875.90 | 10.09338 | (20092620) |
| 504471.98 | 3633875.90 | 9.98971 | (20092620) | 504521.98 | 3633875.90 | 9.78213 | (20092620) |
| 504571.98 | 3633875.90 | 9.61392 | (20092620) | 504621.98 | 3633875.90 | 9.57353 | (20092620) |
| 504671.98 | 3633875.90 | 10.68539 | (19102623) | 504721.98 | 3633875.90 | 10.69207 | (19102623) |
| 502721.98 | 3633925.90 | 5.85133 | (21012024) | 502771.98 | 3633925.90 | 5.79543 | (21013118) |
| 502821.98 | 3633925.90 | 5.77537 | (21013118) | 502871.98 | 3633925.90 | 5.80371 | (20011620) |
| 502921.98 | 3633925.90 | 5.93124 | (20011620) | 502971.98 | 3633925.90 | 5.99968 | (20011620) |
| 503021.98 | 3633925.90 | 6.04619 | (20011620) | 503071.98 | 3633925.90 | 6.07388 | (20011620) |
| 503121.98 | 3633925.90 | 6.07985 | (20011620) | 503171.98 | 3633925.90 | 6.07279 | (20011620) |
| 503221.98 | 3633925.90 | 6.05501 | (20011620) | 503271.98 | 3633925.90 | 6.12010 | (21012617) |
| 503821.98 | 3633925.90 | 6.45462 | (21012617) | 503871.98 | 3633925.90 | 6.65963 | (19030707) |
| 503921.98 | 3633925.90 | 6.96815 | (19030707) | 503971.98 | 3633925.90 | 6.18322 | (21012617) |
| 504021.98 | 3633925.90 | 6.70174 | (19030707) | 504071.98 | 3633925.90 | 6.87650 | (19030707) |
| 504121.98 | 3633925.90 | 7.95822 | (19030707) | 504171.98 | 3633925.90 | 7.87898 | (19030707) |
| 504221.98 | 3633925.90 | 7.86534 | (20092620) | 504271.98 | | | |

3633925.90  8.80974  (20092620)
  504321.98  3633925.90  9.18346  (20092620)  504371.98
3633925.90  9.70196  (20092620)
  504421.98  3633925.90  9.69819  (20092620)  504471.98
3633925.90  9.69018  (20092620)
  504521.98  3633925.90  9.67818  (20092620)  504571.98
3633925.90  9.67688  (20092620)
  504621.98  3633925.90  9.57174  (20092620)  504671.98
3633925.90  9.69809  (19102623)
  504721.98  3633925.90  10.25501  (19102623)  502721.98
3633975.90  5.69336  (21012024)
  502771.98  3633975.90  5.62197  (21012024)  502821.98
3633975.90  5.58819  (21013118)
  502871.98  3633975.90  5.58313  (21013118)  502921.98
3633975.90  5.61762  (20011620)
  502971.98  3633975.90  5.72121  (20011620)  503021.98
3633975.90  5.79576  (20011620)
  503071.98  3633975.90  5.84103  (20011620)  503121.98
3633975.90  5.86551  (20011620)
  503171.98  3633975.90  5.87210  (20011620)  503221.98
3633975.90  5.86672  (20011620)
  503271.98  3633975.90  5.85312  (20011620)  503821.98
3633975.90  6.24983  (21012617)
  503871.98  3633975.90  6.21043  (21012617)  503921.98
3633975.90  6.06169  (21012617)
  503971.98  3633975.90  6.05615  (21012617)  504021.98
3633975.90  6.04032  (21012617)
  504071.98  3633975.90  5.93415  (21012617)  504121.98
3633975.90  5.89685  (21012617)
  504171.98  3633975.90  5.85588  (21012617)  504221.98
3633975.90  7.96649  (19030707)
  504271.98  3633975.90  8.09268  (20092620)  504321.98
3633975.90  8.45687  (20092620)
  504371.98  3633975.90  9.17534  (20092620)  504421.98
3633975.90  9.34372  (20092620)
  504471.98  3633975.90  9.64184  (20092620)  504521.98
3633975.90  9.60355  (20092620)
  504571.98  3633975.90  9.51278  (20092620)  504621.98
3633975.90  9.36744  (20092620)
  504671.98  3633975.90  9.19091  (20092620)  504721.98
3633975.90  8.91361  (20082302)


 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3634025.90        5.58827  (21012024)               502771.98
3634025.90        5.53888  (21012024)
        502821.98   3634025.90        5.45104  (21012024)               502871.98
3634025.90        5.41907  (21013118)
        502921.98   3634025.90        5.38834  (21013118)               502971.98
3634025.90        5.42718  (20011620)
        503021.98   3634025.90        5.53940  (20011620)               503071.98
3634025.90        5.60438  (20011620)
        503121.98   3634025.90        5.64792  (20011620)               503171.98
3634025.90        5.67211  (20011620)
        503221.98   3634025.90        5.67914  (20011620)               503271.98
3634025.90        5.67363  (20011620)
        503871.98   3634025.90        5.96513  (21012617)               503921.98
3634025.90        5.91774  (21012617)
        503971.98   3634025.90        5.89844  (21012617)               504021.98
3634025.90        5.86108  (21012617)
        504071.98   3634025.90        5.87854  (21012617)               504121.98
3634025.90        5.84955  (21012617)
        504171.98   3634025.90        6.20091  (19030707)               504221.98
3634025.90        7.45024  (19030707)
        504271.98   3634025.90        8.01295  (19030707)               504321.98
3634025.90        7.99043  (19030707)
        504371.98   3634025.90        8.67127  (20092620)               504421.98
3634025.90        9.27911  (20092620)
        504471.98   3634025.90        9.33974  (20092620)               504521.98
3634025.90        9.33077  (20092620)
        504571.98   3634025.90        9.83443  (21122618)               504621.98
3634025.90        8.92968  (20092620)
        504671.98   3634025.90        8.75225  (20082302)               504721.98
3634025.90        8.61672  (20082302)

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        502721.98   3634075.90        5.46046  (21012024)              502771.98
3634075.90        5.35529  (21012024)
        502821.98   3634075.90        5.28970  (21012024)              502871.98
3634075.90        5.26547  (21013118)
        502921.98   3634075.90        5.24030  (21013118)              502971.98
3634075.90        5.20829  (21013118)
        503021.98   3634075.90        5.26136  (20011620)              503071.98
3634075.90        5.36111  (20011620)
        503121.98   3634075.90        5.42730  (20011620)              503171.98
3634075.90        5.46956  (20011620)
        503221.98   3634075.90        5.49012  (20011620)              503271.98
3634075.90        5.49719  (20011620)
        503871.98   3634075.90        5.81005  (21012617)              503921.98
3634075.90        5.77859  (21012617)
        503971.98   3634075.90        5.75068  (21012617)              504021.98
3634075.90        5.73689  (21012617)
        504071.98   3634075.90        5.73164  (21012617)              504121.98
3634075.90        5.73405  (21012617)
        504171.98   3634075.90        5.62960  (21012617)              504221.98
3634075.90        6.16220  (19030707)
        504271.98   3634075.90        7.11097  (19030707)              504321.98
3634075.90        7.92411  (19030707)
        504371.98   3634075.90        8.36365  (20092620)              504421.98
3634075.90        8.75735  (20092620)
        504471.98   3634075.90        8.89796  (20092620)              504521.98
3634075.90        9.32241  (21122618)
        504571.98   3634075.90        9.47783  (21122618)              504621.98
3634075.90        8.36065  (20082302)
        504671.98   3634075.90        8.50946  (19020919)              504721.98
3634075.90        8.51484  (19020919)
        502721.98   3634125.90        5.32906  (21012024)              502771.98
3634125.90        5.21237  (21012024)
        502821.98   3634125.90        5.15502  (21012024)              502871.98
3634125.90        5.12073  (21013118)
        502921.98   3634125.90        5.09390  (21013118)              502971.98
3634125.90        5.06638  (21013118)
        503021.98   3634125.90        5.04390  (21013118)              503071.98
3634125.90        5.09982  (20011620)
        503121.98   3634125.90        5.19577  (20011620)              503171.98
3634125.90        5.26186  (20011620)
        503221.98   3634125.90        5.29577  (20011620)              503271.98
3634125.90        5.32029  (20011620)
        503921.98   3634125.90        5.63841  (21012617)              503971.98
3634125.90        5.61868  (21012617)
        504021.98   3634125.90        5.59808  (21012617)              504071.98
3634125.90        5.58523  (21012617)
        504121.98   3634125.90        5.55459  (21012617)              504171.98
3634125.90        5.58913  (21012617)
        504221.98   3634125.90        5.51563  (21012617)              504271.98
3634125.90        5.78047  (19030707)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504321.98 | 3634125.90 | 7.61293 | (19030707) | 504371.98 | 3634125.90 | 7.42318 | (20092620) |
| 504421.98 | 3634125.90 | 8.07674 | (20092620) | 504471.98 | 3634125.90 | 8.58511 | (21090701) |
| 504521.98 | 3634125.90 | 8.95514 | (21122618) | 504571.98 | 3634125.90 | 8.27407 | (19030801) |
| 504621.98 | 3634125.90 | 7.90812 | (20082302) | 504671.98 | 3634125.90 | 8.02252 | (19020919) |
| 504721.98 | 3634125.90 | 8.20848 | (19020919) | 502721.98 | 3634175.90 | 5.13584 | (21012024) |
| 502771.98 | 3634175.90 | 5.07867 | (21012024) | 502821.98 | 3634175.90 | 5.03624 | (21012024) |
| 502871.98 | 3634175.90 | 4.99677 | (21012024) | 502921.98 | 3634175.90 | 4.95850 | (21013118) |
| 502971.98 | 3634175.90 | 4.93345 | (21013118) | 503021.98 | 3634175.90 | 4.91361 | (21013118) |
| 503071.98 | 3634175.90 | 4.87847 | (21013118) | 503121.98 | 3634175.90 | 4.94793 | (20011620) |
| 503171.98 | 3634175.90 | 5.03578 | (20011620) | 503221.98 | 3634175.90 | 5.09091 | (20011620) |
| 503271.98 | 3634175.90 | 5.13081 | (20011620) | 503971.98 | | | |

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3634175.90        5.49278  (21012617)
        504021.98   3634175.90        5.47090  (21012617)                504071.98
3634175.90        5.45379  (21012617)
        504121.98   3634175.90        5.44004  (21012617)                504171.98
3634175.90        5.40961  (21012617)
        504221.98   3634175.90        5.44416  (21012617)                504271.98
3634175.90        5.38412  (21012617)
        504321.98   3634175.90        5.58465  (19030707)                504371.98
3634175.90        7.67163  (19102623)
        504421.98   3634175.90        8.39301  (21090701)                504471.98
3634175.90        8.41688  (21090701)
        504521.98   3634175.90        8.28559  (20011620)                504571.98
3634175.90        7.72591  (20092424)
        504621.98   3634175.90        7.18909  (20082302)                504671.98
3634175.90        7.19807  (20082302)
        504721.98   3634175.90        6.98802  (19020919)                502721.98
3634225.90        5.00628  (21012024)
        502771.98   3634225.90        4.97445  (21012024)                502821.98
3634225.90        4.94131  (21012024)
        502871.98   3634225.90        4.89267  (21012024)                502921.98
3634225.90        4.83306  (21013118)
        502971.98   3634225.90        4.80957  (21013118)                503021.98
3634225.90        4.78986  (21013118)
        503071.98   3634225.90        4.75780  (21013118)                503121.98
3634225.90        4.72274  (21013118)
        503171.98   3634225.90        4.80293  (20011620)                503221.98
3634225.90        4.88695  (20011620)
        503271.98   3634225.90        4.94717  (20011620)                504071.98
3634225.90        5.33271  (21012617)
        504121.98   3634225.90        5.31936  (21012617)                504171.98
3634225.90        5.30285  (21012617)
        504221.98   3634225.90        5.27700  (21012617)                504271.98
3634225.90        5.30720  (21012617)
        504321.98   3634225.90        5.24461  (21012617)                504371.98
3634225.90        7.15520  (19102623)
        504421.98   3634225.90        7.77963  (21090701)                504471.98
3634225.90        7.70876  (21090701)
        504521.98   3634225.90        7.83168  (20011620)                504571.98
3634225.90        7.81092  (20092424)
        504621.98   3634225.90        7.09059  (20092424)                504671.98
3634225.90        6.35651  (20082302)
        504721.98   3634225.90        5.98379  (20082302)                502721.98
3634275.90        4.90428  (21012024)
        502771.98   3634275.90        4.85511  (21012024)                502821.98
3634275.90        4.82581  (21012024)
        502871.98   3634275.90        4.81887  (21012024)                502921.98
3634275.90        4.72917  (21012024)
        502971.98   3634275.90        4.69165  (21013118)                503021.98
3634275.90        4.67673  (21013118)
        503071.98   3634275.90        4.64657  (21013118)                503121.98
```

 *** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW  ***
INCLUDING SOURCE(S):  L0000760  , L0000761 , L0000762  , L0000763  , L0000764  ,
  L0000765  , L0000766  , L0000767  , L0000768  , L0000769 , L0000770  , L0000771  , L0000772  ,
  L0000773  , L0000774  , L0000775  , L0000776  , L0000777 , L0000778  , L0000779  , L0000780  ,
  L0000781  , L0000782  , L0000783  , L0000784  , L0000785 , L0000786  , L0000787  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3
 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 7.41319 | (19102623) | 504421.98 | 3634275.90 | 7.08138 | (19021605) |
| 504471.98 | 3634275.90 | 7.48390 | (21090701) | 504521.98 | 3634275.90 | 7.43687 | (20092424) |
| 504571.98 | 3634275.90 | 7.53561 | (20092424) | 504621.98 | 3634275.90 | 7.03169 | (20092424) |
| 504671.98 | 3634275.90 | 5.95872 | (20092424) | 504721.98 | 3634275.90 | 5.50734 | (20082301) |
| 502721.98 | 3634325.90 | 4.70276 | (21012024) | 502771.98 | 3634325.90 | 4.67777 | (21012024) |
| 502821.98 | 3634325.90 | 4.63674 | (21012024) | 502871.98 | 3634325.90 | 4.74768 | (21012024) |

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        502971.98   3634325.90        4.58539  (21013118)              503021.98
3634325.90        4.56837  (21013118)
        503071.98   3634325.90        4.54469  (21013118)              503121.98
3634325.90        4.54380  (21012024)
        503171.98   3634325.90        4.56909  (21012024)              503221.98
3634325.90        4.59821  (21012024)
        503271.98   3634325.90        4.59898  (21012024)              504171.98
3634325.90        5.08469  (21012617)
        504221.98   3634325.90        5.33547  (21012617)              504271.98
3634325.90        5.18934  (21012617)
        504321.98   3634325.90        5.18491  (21012617)              504371.98
3634325.90        7.22734  (19102623)
        504421.98   3634325.90        6.92943  (19021605)              504471.98
3634325.90        7.35094  (21090701)
        504521.98   3634325.90        7.04664  (20092424)              504571.98
3634325.90        7.17199  (20092424)
        504621.98   3634325.90        6.68485  (20092424)              504671.98
3634325.90        5.92497  (20092424)
        504721.98   3634325.90        5.43909  (20082301)              502721.98
3634375.90        4.57139  (21012024)
        502771.98   3634375.90        4.55500  (21012024)              502821.98
3634375.90        4.51055  (21012024)
        503021.98   3634375.90        4.45291  (21013118)              503071.98
3634375.90        4.45937  (21012024)
        503121.98   3634375.90        4.46163  (21012024)              503171.98
3634375.90        4.47542  (21012024)
        503221.98   3634375.90        4.50207  (21012024)              503271.98
3634375.90        4.48890  (21012024)
        504221.98   3634375.90        5.03187  (21012617)              504271.98
3634375.90        5.04734  (21012617)
        504321.98   3634375.90        5.01698  (21012617)              504371.98
3634375.90        7.29588  (19102623)
        504421.98   3634375.90        6.98162  (21121422)              504471.98
3634375.90        6.52177  (19112918)
        504521.98   3634375.90        6.65242  (20092424)              504571.98
3634375.90        6.62859  (20092424)
        504621.98   3634375.90        6.48898  (20092424)              504671.98
3634375.90        6.22099  (20092424)
        504721.98   3634375.90        5.85060  (20092424)              502721.98
3634425.90        4.51444  (21012024)
        502771.98   3634425.90        4.47446  (21012024)              502821.98
3634425.90        4.43063  (21012024)
        504271.98   3634425.90        4.84734  (21012617)              504321.98
3634425.90        4.84732  (21012617)
        504371.98   3634425.90        6.94996  (19102623)              504421.98
3634425.90        6.82437  (20102020)
        504471.98   3634425.90        6.42208  (20020306)              504521.98
3634425.90        6.38895  (20092424)
        504571.98   3634425.90        6.56755  (20092424)              504621.98
3634425.90        6.76278  (20092424)
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        504671.98   3634425.90        6.75995  (20092424)                504721.98
3634425.90        6.42870  (20092424)
        502721.98   3634475.90        4.50302  (21012024)                502771.98
3634475.90        4.49458  (21012024)
        502821.98   3634475.90        4.46368  (21012024)                504321.98
3634475.90        4.73258  (21012617)
        504371.98   3634475.90        4.76981  (21012617)                504421.98
3634475.90        6.80715  (19102623)
        504471.98   3634475.90        6.65088  (20102020)                504521.98
3634475.90        6.56838  (20102020)
        504571.98   3634475.90        6.49669  (21090701)                504621.98
3634475.90        6.43628  (21090701)
        504671.98   3634475.90        6.73804  (20092424)                504721.98
3634475.90        6.77781  (20092424)
        502721.98   3634525.90        4.46222  (21012024)                502771.98
3634525.90        4.42077  (21012024)
        504371.98   3634525.90        4.62989  (21012617)                504421.98
3634525.90        4.63159  (21012617)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1022
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504471.98   3634525.90        4.86926  (21012617)                504521.98
3634525.90        6.49925  (19102623)
        504571.98   3634525.90        6.64177  (19102623)                504621.98
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3634525.90 6.23021 (19021605)
504671.98 3634525.90 6.92654 (21090701) 504721.98
3634525.90 6.53138 (20011620)
502721.98 3634575.90 4.38091 (21012024) 502771.98
3634575.90 4.35322 (21012024)
504421.98 3634575.90 4.52175 (21012617) 504471.98
3634575.90 4.53055 (21012617)
504521.98 3634575.90 4.53348 (21012617) 504571.98
3634575.90 4.69203 (21012617)
504621.98 3634575.90 6.27502 (19102623) 504671.98
3634575.90 6.00500 (19021605)
504721.98 3634575.90 6.35057 (20102020) 502721.98
3634625.90 4.30595 (21012024)
502771.98 3634625.90 4.27187 (21012024) 502821.98
3634625.90 4.25885 (21012024)
502871.98 3634625.90 4.22283 (21012024) 502921.98
3634625.90 4.18267 (21012024)
502971.98 3634625.90 4.15578 (21012024) 503021.98
3634625.90 4.13970 (21012024)
503071.98 3634625.90 4.13427 (21012024) 503121.98
3634625.90 4.13187 (21012024)
504471.98 3634625.90 4.42896 (21012617) 504521.98
3634625.90 4.43724 (21012617)
504571.98 3634625.90 4.44157 (21012617) 504621.98
3634625.90 4.47181 (21012617)
504671.98 3634625.90 4.49572 (21012617) 504721.98
3634625.90 6.32438 (19102623)
502721.98 3634675.90 4.23988 (21012024) 502771.98
3634675.90 4.21363 (21012024)
502821.98 3634675.90 4.19759 (21012024) 502871.98
3634675.90 4.16540 (21012024)
502921.98 3634675.90 4.12963 (21012024) 502971.98
3634675.90 4.11206 (21012024)
503021.98 3634675.90 4.08280 (21012024) 503071.98
3634675.90 4.06857 (21012024)
503121.98 3634675.90 4.08612 (21012024) 503171.98
3634675.90 4.11475 (21012024)
503221.98 3634675.90 4.08062 (21012024) 503271.98
3634675.90 3.93811 (21012024)
503321.98 3634675.90 3.84767 (21013118) 503371.98
3634675.90 3.82919 (21013118)
503421.98 3634675.90 3.81197 (21013118) 503471.98
3634675.90 3.81375 (21013118)
503521.98 3634675.90 3.76422 (21013118) 504521.98
3634675.90 4.33549 (21012617)
504571.98 3634675.90 4.34335 (21012617) 504621.98
3634675.90 4.35462 (21012617)
504671.98 3634675.90 4.35942 (21012617) 504721.98
3634675.90 4.38433 (21012617)
502721.98 3634725.90 4.17546 (21012024) 502771.98

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3634725.90        4.14931  (21012024)
        502821.98   3634725.90        4.12229  (21012024)                502871.98
3634725.90        4.11112  (21012024)
        502921.98   3634725.90        4.07517  (21012024)                502971.98
3634725.90        4.04890  (21012024)
        503021.98   3634725.90        4.02954  (21012024)                503071.98
3634725.90        4.01121  (21012024)
        503121.98   3634725.90        4.02231  (21012024)                503171.98
3634725.90        4.03180  (21012024)
        503221.98   3634725.90        3.98094  (21012024)                503271.98
3634725.90        3.86485  (21012024)
        503321.98   3634725.90        3.78760  (21013118)                503371.98
3634725.90        3.77102  (21013118)
        503421.98   3634725.90        3.75540  (21013118)                503471.98
3634725.90        3.75348  (21013118)
        503521.98   3634725.90        3.73834  (21013118)                503571.98
3634725.90        3.70523  (21013118)
        503621.98   3634725.90        3.71097  (20011620)                504571.98
3634725.90        4.24683  (21012617)
        504621.98   3634725.90        4.26168  (21012617)                504671.98
3634725.90        4.26939  (21012617)
        504721.98   3634725.90        4.27694  (21012617)                502721.98
3634775.90        4.11325  (21012024)
        502771.98   3634775.90        4.08048  (21012024)                502821.98
3634775.90        4.06058  (21012024)
        502871.98   3634775.90        4.04650  (21012024)                502921.98
3634775.90        4.01776  (21012024)
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                    INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502971.98 | 3634775.90 | 3.98282 | (21012024) | 503021.98 | 3634775.90 | 3.97581 | (21012024) |
| 503071.98 | 3634775.90 | 3.96323 | (21012024) | 503121.98 | 3634775.90 | 3.95716 | (21012024) |
| 503171.98 | 3634775.90 | 3.95036 | (21012024) | 503221.98 | 3634775.90 | 3.88795 | (21012024) |
| 503271.98 | 3634775.90 | 3.78037 | (21012024) | 503321.98 | 3634775.90 | 3.72022 | (21013118) |
| 503371.98 | 3634775.90 | 3.70135 | (21013118) | 503421.98 | 3634775.90 | 3.68752 | (21013118) |
| 503471.98 | 3634775.90 | 3.68499 | (21013118) | 503521.98 | 3634775.90 | 3.66768 | (21013118) |
| 503571.98 | 3634775.90 | 3.65324 | (21013118) | 503621.98 | 3634775.90 | 3.64748 | (21013118) |
| 503671.98 | 3634775.90 | 3.65337 | (21013118) | 503721.98 | 3634775.90 | 3.72270 | (20011620) |
| 503771.98 | 3634775.90 | 3.77572 | (20011620) | 503821.98 | 3634775.90 | 3.80708 | (20011620) |
| 504621.98 | 3634775.90 | 4.16355 | (21012617) | 504671.98 | 3634775.90 | 4.17892 | (21012617) |
| 504721.98 | 3634775.90 | 4.18918 | (21012617) | 502721.98 | 3634825.90 | 4.04602 | (21012024) |
| 502771.98 | 3634825.90 | 4.03054 | (21012024) | 502821.98 | 3634825.90 | 4.00413 | (21012024) |
| 502871.98 | 3634825.90 | 3.97384 | (21012024) | 502921.98 | 3634825.90 | 3.96173 | (21012024) |
| 502971.98 | 3634825.90 | 3.93424 | (21012024) | 503021.98 | 3634825.90 | 3.92279 | (21012024) |
| 503071.98 | 3634825.90 | 3.89848 | (21012024) | 503121.98 | 3634825.90 | 3.89774 | (21012024) |
| 503171.98 | 3634825.90 | 3.86249 | (21012024) | 503221.98 | 3634825.90 | 3.80839 | (21012024) |
| 503271.98 | 3634825.90 | 3.69948 | (21012024) | 503321.98 | 3634825.90 | 3.66051 | (21013118) |
| 503371.98 | 3634825.90 | 3.65253 | (21013118) | 503421.98 | 3634825.90 | 3.64081 | (21013118) |
| 503471.98 | 3634825.90 | 3.62779 | (21013118) | 503521.98 | 3634825.90 | 3.61209 | (21013118) |
| 503571.98 | 3634825.90 | 3.59466 | (21013118) | 503621.98 | 3634825.90 | 3.59148 | (21013118) |
| 503671.98 | 3634825.90 | 3.59397 | (21013118) | 503721.98 | 3634825.90 | 3.60193 | (21013118) |
| 503771.98 | 3634825.90 | 3.65133 | (20011620) | 503821.98 | 3634825.90 | 3.70533 | (20011620) |

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        503871.98   3634825.90        3.74490  (20011620)                503921.98
3634825.90        3.77139  (20011620)
        504671.98   3634825.90        4.08253  (21012617)                504721.98
3634825.90        4.09922  (21012617)
        502721.98   3634875.90        3.97857  (21012024)                502771.98
3634875.90        3.96026  (21012024)
        502821.98   3634875.90        3.93658  (21012024)                502871.98
3634875.90        3.90248  (21012024)
        502921.98   3634875.90        3.89380  (21012024)                502971.98
3634875.90        3.87478  (21012024)
        503021.98   3634875.90        3.86391  (21012024)                503071.98
3634875.90        3.84982  (21012024)
        503121.98   3634875.90        3.84020  (21012024)                503171.98
3634875.90        3.79109  (21012024)
        503221.98   3634875.90        3.73978  (21012024)                503271.98
3634875.90        3.65034  (21012024)
        503321.98   3634875.90        3.61297  (21013118)                503371.98
3634875.90        3.59631  (21013118)
        503421.98   3634875.90        3.58188  (21013118)                503471.98
3634875.90        3.57131  (21013118)
        503521.98   3634875.90        3.55660  (21013118)                503571.98
3634875.90        3.54537  (21013118)
        503621.98   3634875.90        3.53712  (21013118)                503671.98
3634875.90        3.53773  (21013118)
        503721.98   3634875.90        3.54833  (21013118)                503771.98
3634875.90        3.56282  (21013118)
        503821.98   3634875.90        3.58465  (21013118)                503871.98
3634875.90        3.63625  (20011620)
        503921.98   3634875.90        3.68256  (20011620)                504721.98
3634875.90        4.00372  (21012617)
        502721.98   3634925.90        3.91656  (21012024)                502771.98
3634925.90        3.89177  (21012024)
        502821.98   3634925.90        3.87223  (21012024)                502871.98
3634925.90        3.83934  (21012024)
        502921.98   3634925.90        3.82743  (21012024)                502971.98
3634925.90        3.81205  (21012024)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1024
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
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L0000773 , L0000774 , L0000775 , L0000776 , L0000777
, L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785
, L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503021.98 | 3634925.90 | 3.80052 | (21012024) | 503071.98 | 3634925.90 | 3.78962 | (21012024) |
| 503121.98 | 3634925.90 | 3.77893 | (21012024) | 503171.98 | 3634925.90 | 3.74911 | (21012024) |
| 503221.98 | 3634925.90 | 3.69367 | (21012024) | 503271.98 | 3634925.90 | 3.58051 | (21012024) |
| 503321.98 | 3634925.90 | 3.55350 | (21013118) | 503371.98 | 3634925.90 | 3.53966 | (21013118) |
| 503421.98 | 3634925.90 | 3.52648 | (21013118) | 503471.98 | 3634925.90 | 3.51322 | (21013118) |
| 503521.98 | 3634925.90 | 3.50029 | (21013118) | 503571.98 | 3634925.90 | 3.48878 | (21013118) |
| 503621.98 | 3634925.90 | 3.48022 | (21013118) | 503671.98 | 3634925.90 | 3.48002 | (21013118) |
| 503721.98 | 3634925.90 | 3.49854 | (21013118) | 503771.98 | 3634925.90 | 3.51334 | (21013118) |
| 503821.98 | 3634925.90 | 3.53779 | (21013118) | 503871.98 | 3634925.90 | 4.20314 | (20011620) |
| 502721.98 | 3634975.90 | 3.85788 | (21012024) | 502771.98 | 3634975.90 | 3.82798 | (21012024) |
| 502821.98 | 3634975.90 | 3.80696 | (21012024) | 502871.98 | 3634975.90 | 3.78951 | (21012024) |
| 502921.98 | 3634975.90 | 3.78230 | (21012024) | 502971.98 | 3634975.90 | 3.74104 | (21012024) |
| 503021.98 | 3634975.90 | 3.73325 | (21012024) | 503071.98 | 3634975.90 | 3.73036 | (21012024) |
| 503121.98 | 3634975.90 | 3.72179 | (21012024) | 503171.98 | 3634975.90 | 3.66278 | (21012024) |
| 503221.98 | 3634975.90 | 3.59417 | (21012024) | 503271.98 | 3634975.90 | 3.50128 | (21013118) |
| 503321.98 | 3634975.90 | 3.48841 | (21013118) | 503371.98 | 3634975.90 | 3.47630 | (21013118) |
| 503421.98 | 3634975.90 | 3.47069 | (21013118) | 503471.98 | 3634975.90 | 3.45559 | (21013118) |
| 503521.98 | 3634975.90 | 3.44545 | (21013118) | 503571.98 | | | |

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3634975.90        3.43363  (21013118)
        503621.98   3634975.90        3.42398  (21013118)                503671.98
3634975.90        3.42195  (21013118)
        503721.98   3634975.90        3.44324  (21013118)                503771.98
3634975.90        4.79023  (21090701)
        503821.98   3634975.90        4.55001  (21090701)                503871.98
3634975.90        5.46041  (20011620)
        502721.98   3635025.90        3.80092  (21012024)                502771.98
3635025.90        3.78456  (21012024)
        502821.98   3635025.90        3.76260  (21012024)                502871.98
3635025.90        3.74235  (21012024)
        502921.98   3635025.90        3.71679  (21012024)                502971.98
3635025.90        3.69940  (21012024)
        503021.98   3635025.90        3.68935  (21012024)                503071.98
3635025.90        3.68649  (21012024)
        503121.98   3635025.90        3.67055  (21012024)                503171.98
3635025.90        3.61874  (21012024)
        503221.98   3635025.90        3.54762  (21012024)                503271.98
3635025.90        3.44950  (21013118)
        503321.98   3635025.90        3.43755  (21013118)                503371.98
3635025.90        3.42591  (21013118)
        503421.98   3635025.90        3.41660  (21013118)                503471.98
3635025.90        3.40261  (21013118)
        503521.98   3635025.90        3.39070  (21013118)                503571.98
3635025.90        3.38083  (21013118)
        503621.98   3635025.90        3.37437  (21013118)                503671.98
3635025.90        3.37669  (21013118)
        503721.98   3635025.90        3.90762  (21061321)                503771.98
3635025.90        4.73930  (21061321)
        503821.98   3635025.90        5.60486  (21090701)                504371.98
3635025.90        3.50760  (20011620)
        502721.98   3635075.90        3.75494  (21012024)                502771.98
3635075.90        3.73929  (21012024)
        502821.98   3635075.90        3.71942  (21012024)                502871.98
3635075.90        3.68705  (21012024)
        502921.98   3635075.90        3.67112  (21012024)                502971.98
3635075.90        3.66003  (21012024)
        503021.98   3635075.90        3.64082  (21012024)                503071.98
3635075.90        3.63428  (21012024)
        503121.98   3635075.90        3.61357  (21012024)                503171.98
3635075.90        3.56419  (21012024)
        503221.98   3635075.90        3.48984  (21012024)                503271.98
3635075.90        3.39723  (21013118)
        503321.98   3635075.90        3.38648  (21013118)                503371.98
3635075.90        3.37456  (21013118)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***

INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503421.98 | 3635075.90 | 3.36178 | (21013118) | 503471.98 | 3635075.90 | 3.34909 | (21013118) |
| 503521.98 | 3635075.90 | 3.33776 | (21013118) | 503571.98 | 3635075.90 | 3.32840 | (21013118) |
| 503621.98 | 3635075.90 | 3.32226 | (21013118) | 503671.98 | 3635075.90 | 3.32636 | (21013118) |
| 503721.98 | 3635075.90 | 3.31399 | (21013118) | 503771.98 | 3635075.90 | 4.41304 | (21061321) |
| 503821.98 | 3635075.90 | 5.37172 | (21121422) | 504371.98 | 3635075.90 | 3.45464 | (20011620) |
| 504421.98 | 3635075.90 | 3.44958 | (20011620) | 504471.98 | 3635075.90 | 3.44325 | (20011620) |
| 504521.98 | 3635075.90 | 3.42888 | (20011620) | 502721.98 | 3635125.90 | 3.70492 | (21012024) |
| 502771.98 | 3635125.90 | 3.69066 | (21012024) | 502821.98 | 3635125.90 | 3.67410 | (21012024) |
| 502871.98 | 3635125.90 | 3.64890 | (21012024) | 502921.98 | 3635125.90 | 3.61508 | (21012024) |
| 502971.98 | 3635125.90 | 3.60024 | (21012024) | 503021.98 | 3635125.90 | 3.59076 | (21012024) |
| 503071.98 | 3635125.90 | 3.58539 | (21012024) | 503121.98 | 3635125.90 | 3.56285 | (21012024) |
| 503171.98 | 3635125.90 | 3.51580 | (21012024) | 503221.98 | 3635125.90 | 3.44161 | (21012024) |
| 503271.98 | 3635125.90 | 3.34747 | (21013118) | 503321.98 | 3635125.90 | 3.33807 | (21013118) |

503371.98 3635125.90 3.32669 (21013118) 503421.98
3635125.90 3.31206 (21013118)
503471.98 3635125.90 3.30080 (21013118) 503521.98
3635125.90 3.29022 (21013118)
503571.98 3635125.90 3.28786 (21013118) 503621.98
3635125.90 3.27890 (21013118)
503671.98 3635125.90 3.27960 (21013118) 503721.98
3635125.90 4.57441 (21121422)
503771.98 3635125.90 5.09998 (21121422) 503821.98
3635125.90 5.24397 (21121422)
504371.98 3635125.90 3.39735 (20011620) 504421.98
3635125.90 3.39847 (20011620)
504471.98 3635125.90 3.39297 (20011620) 504521.98
3635125.90 3.38593 (20011620)
504571.98 3635125.90 3.37614 (20011620) 502721.98
3635175.90 3.65419 (21012024)
502771.98 3635175.90 3.64660 (21012024) 502821.98
3635175.90 3.63081 (21012024)
502871.98 3635175.90 3.61464 (21012024) 502921.98
3635175.90 3.57630 (21012024)
502971.98 3635175.90 3.56079 (21012024) 503021.98
3635175.90 3.55547 (21012024)
503071.98 3635175.90 3.54137 (21012024) 503121.98
3635175.90 3.51156 (21012024)
503171.98 3635175.90 3.45940 (21012024) 503221.98
3635175.90 3.38116 (21012024)
503271.98 3635175.90 3.29747 (21013118) 503321.98
3635175.90 3.28939 (21013118)
503371.98 3635175.90 3.27819 (21013118) 503421.98
3635175.90 3.26155 (21013118)
503471.98 3635175.90 3.25718 (21013118) 503521.98
3635175.90 3.24505 (21013118)
503571.98 3635175.90 3.24280 (21013118) 503621.98
3635175.90 3.23549 (21013118)
503671.98 3635175.90 3.22351 (21013118) 503721.98
3635175.90 5.30480 (21121422)
503771.98 3635175.90 5.11289 (21121422) 503821.98
3635175.90 4.89790 (20092821)
504371.98 3635175.90 3.33788 (20011620) 504421.98
3635175.90 3.34237 (20011620)
504471.98 3635175.90 3.34104 (20011620) 504521.98
3635175.90 3.33758 (20011620)
504571.98 3635175.90 3.33399 (20011620) 504621.98
3635175.90 3.31908 (20011620)
502721.98 3635225.90 3.60563 (21012024) 502771.98
3635225.90 3.58752 (21012024)
502821.98 3635225.90 3.57116 (21012024) 502871.98
3635225.90 3.55759 (21012024)
502921.98 3635225.90 3.54331 (21012024) 502971.98
3635225.90 3.52648 (21012024)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 3.30508 | (21012024) | 503271.98 | 3635225.90 | 3.24446 | (21013118) |
| 503321.98 | 3635225.90 | 3.23431 | (21013118) | 503371.98 | 3635225.90 | 3.22377 | (21013118) |
| 503421.98 | 3635225.90 | 3.21250 | (21013118) | 503471.98 | 3635225.90 | 3.20319 | (21013118) |
| 503521.98 | 3635225.90 | 3.20037 | (21013118) | 503571.98 | 3635225.90 | 3.19727 | (21013118) |
| 503621.98 | 3635225.90 | 3.17782 | (21013118) | 503671.98 | 3635225.90 | 4.83588 | (21121422) |
| 504371.98 | 3635225.90 | 3.27446 | (20011620) | 504421.98 | 3635225.90 | 3.28266 | (20011620) |
| 504471.98 | 3635225.90 | 3.28629 | (20011620) | 504521.98 | 3635225.90 | 3.28643 | (20011620) |
| 504571.98 | 3635225.90 | 3.28553 | (20011620) | 504621.98 | 3635225.90 | 3.28097 | (20011620) |
| 502721.98 | 3635275.90 | 3.56584 | (21012024) | 502771.98 | | | |

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3635275.90        3.55723  (21012024)
        502821.98   3635275.90        3.54254  (21012024)                502871.98
3635275.90        3.52200  (21012024)
        502921.98   3635275.90        3.51092  (21012024)                502971.98
3635275.90        3.49286  (21012024)
        503021.98   3635275.90        3.48357  (21012024)                503071.98
3635275.90        3.46520  (21012024)
        503121.98   3635275.90        3.43255  (21012024)                503171.98
3635275.90        3.37455  (21012024)
        503221.98   3635275.90        3.25197  (21012024)                503271.98
3635275.90        3.19946  (21013118)
        503321.98   3635275.90        3.18988  (21013118)                503371.98
3635275.90        3.18166  (21013118)
        503421.98   3635275.90        3.16954  (21013118)                503471.98
3635275.90        3.15902  (21013118)
        503521.98   3635275.90        3.14732  (21013118)                503571.98
3635275.90        3.14878  (21013118)
        503621.98   3635275.90        3.15715  (21013118)                504371.98
3635275.90        3.20980  (20011620)
        504421.98   3635275.90        3.22402  (20011620)                504471.98
3635275.90        3.23155  (20011620)
        504521.98   3635275.90        3.23482  (20011620)                504571.98
3635275.90        3.23526  (20011620)
        504621.98   3635275.90        3.23440  (20011620)                504671.98
3635275.90        3.22897  (20011620)
        502721.98   3635325.90        3.52440  (21012024)                502771.98
3635325.90        3.51350  (21012024)
        502821.98   3635325.90        3.49791  (21012024)                502871.98
3635325.90        3.48152  (21012024)
        502921.98   3635325.90        3.46911  (21012024)                502971.98
3635325.90        3.45149  (21012024)
        503021.98   3635325.90        3.44083  (21012024)                503071.98
3635325.90        3.42009  (21012024)
        503121.98   3635325.90        3.38602  (21012024)                503171.98
3635325.90        3.32482  (21012024)
        503221.98   3635325.90        3.19963  (21012024)                503271.98
3635325.90        3.15424  (21013118)
        503321.98   3635325.90        3.14663  (21013118)                503371.98
3635325.90        3.13905  (21013118)
        503421.98   3635325.90        3.12924  (21013118)                503471.98
3635325.90        3.11891  (21013118)
        503521.98   3635325.90        3.10586  (21013118)                503571.98
3635325.90        3.10157  (21013118)
        503621.98   3635325.90        3.10854  (21013118)                504371.98
3635325.90        3.13848  (20011620)
        504421.98   3635325.90        3.15895  (20011620)                504471.98
3635325.90        3.17247  (20011620)
        504521.98   3635325.90        3.17999  (20011620)                504571.98
3635325.90        3.18348  (20011620)
        504621.98   3635325.90        3.18567  (20011620)                504671.98
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3635325.90        3.18616  (20011620)
        504721.98   3635325.90        3.18009  (20011620)                502721.98
3635375.90        3.48682  (21012024)
        502771.98   3635375.90        3.48421  (21012024)                502821.98
3635375.90        3.47059  (21012024)
        502871.98   3635375.90        3.46132  (21012024)                502921.98
3635375.90        3.45015  (21012024)
        502971.98   3635375.90        3.41434  (21012024)                503021.98
3635375.90        3.41869  (21012024)
        503071.98   3635375.90        3.40627  (21012024)                503121.98
3635375.90        3.34357  (21012024)
        503171.98   3635375.90        3.27416  (21012024)                503221.98
3635375.90        3.14809  (21012024)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777 , L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785 , L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503271.98   3635375.90        3.10989  (21013118)                503321.98
3635375.90        3.10381  (21013118)
        503371.98   3635375.90        3.09642  (21013118)                503421.98
3635375.90        3.08709  (21013118)
        503471.98   3635375.90        3.07681  (21013118)                503521.98
3635375.90        3.06586  (21013118)
        503571.98   3635375.90        3.06005  (21013118)                503621.98
3635375.90        3.05474  (21013118)

503671.98 3635375.90 3.04498 (21013118) 503721.98
3635375.90 5.01593 (21121422)
504371.98 3635375.90 3.06165 (20011620) 504421.98
3635375.90 3.08952 (20011620)
504471.98 3635375.90 3.10921 (20011620) 504521.98
3635375.90 3.12257 (20011620)
504571.98 3635375.90 3.13040 (20011620) 504621.98
3635375.90 3.13603 (20011620)
504671.98 3635375.90 3.13840 (20011620) 504721.98
3635375.90 3.13835 (20011620)
502721.98 3635425.90 3.44594 (21012024) 502771.98
3635425.90 3.42738 (21012024)
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3635425.90 3.53313 (21013118)
502921.98 3635425.90 3.63489 (21013118) 502971.98
3635425.90 3.45962 (21013118)
503021.98 3635425.90 3.45681 (21013118) 503071.98
3635425.90 3.35884 (21012024)
503121.98 3635425.90 3.29150 (21012024) 503171.98
3635425.90 3.22238 (21012024)
503221.98 3635425.90 3.11154 (21012024) 503271.98
3635425.90 3.06959 (21013118)
503321.98 3635425.90 3.06414 (21013118) 503371.98
3635425.90 3.05693 (21013118)
503421.98 3635425.90 3.04855 (21013118) 503471.98
3635425.90 3.04042 (21013118)
503521.98 3635425.90 3.03204 (21013118) 503571.98
3635425.90 3.02379 (21013118)
503621.98 3635425.90 3.01630 (21013118) 503671.98
3635425.90 3.00854 (21013118)
503721.98 3635425.90 3.70601 (21121422) 503771.98
3635425.90 4.40614 (21121422)
503821.98 3635425.90 4.76975 (21121422) 504371.98
3635425.90 2.97948 (20011620)
504421.98 3635425.90 3.01566 (20011620) 504471.98
3635425.90 3.04284 (20011620)
504521.98 3635425.90 3.06201 (20011620) 504571.98
3635425.90 3.07519 (20011620)
504621.98 3635425.90 3.08447 (20011620) 504671.98
3635425.90 3.08962 (20011620)
504721.98 3635425.90 3.09218 (20011620) 502721.98
3635475.90 3.39933 (21012024)
502771.98 3635475.90 3.38032 (21012024) 502821.98
3635475.90 3.37399 (21012024)
502871.98 3635475.90 3.41393 (21013118) 502921.98
3635475.90 3.36151 (21012024)
502971.98 3635475.90 3.60093 (21013118) 503021.98
3635475.90 3.59059 (21013118)
503071.98 3635475.90 3.30822 (21012024) 503121.98
3635475.90 3.24145 (21012024)

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        503171.98   3635475.90        3.17096  (21012024)               503221.98
3635475.90        3.06609  (21012024)
        503271.98   3635475.90        3.02650  (21013118)               503321.98
3635475.90        3.02233  (21013118)
        503371.98   3635475.90        3.01610  (21013118)               503421.98
3635475.90        3.00870  (21013118)
        503471.98   3635475.90        3.00104  (21013118)               503521.98
3635475.90        2.99294  (21013118)
        503571.98   3635475.90        2.98539  (21013118)               503621.98
3635475.90        2.97739  (21013118)
        503671.98   3635475.90        2.98001  (21013118)               503721.98
3635475.90        2.97468  (21013118)
        503771.98   3635475.90        3.69045  (21121422)               503821.98
3635475.90        3.58586  (21121422)
        503871.98   3635475.90        3.13616  (21121422)               503921.98
3635475.90        2.94891  (21013118)
        504371.98   3635475.90        2.89055  (20011620)               504421.98
3635475.90        2.93543  (20011620)
        504471.98   3635475.90        2.97076  (20011620)               504521.98
3635475.90        2.99679  (20011620)
        504571.98   3635475.90        3.01654  (20011620)               504621.98
3635475.90        3.03024  (20011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1028
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3632975.90       19.73212  (21090306)
        504721.98   3632975.90       19.49953  (21090306)                504771.98
3632975.90       19.17773  (21090306)
        504821.98   3632975.90       18.76703  (21090306)                504871.98
3632975.90       18.36027  (20041201)
        504921.98   3632975.90       17.99587  (20041201)                504971.98
3632975.90       17.59863  (20041201)
        505021.98   3632975.90       17.17328  (20041201)                505071.98
3632975.90       16.72809  (20041201)
        505121.98   3632975.90       16.27702  (20041201)                505171.98
3632975.90       15.91500  (21013119)
        505221.98   3632975.90       15.91481  (21013119)                502221.98
3633025.90       24.94723  (21011719)
        502271.98   3633025.90       24.91312  (21011719)                502321.98
3633025.90       24.19723  (21011719)
        502371.98   3633025.90       23.60298  (21011719)                502421.98
3633025.90       23.01109  (21011719)
        502471.98   3633025.90       22.30156  (21011719)                502521.98
3633025.90       21.72884  (21011719)
        502571.98   3633025.90       21.16941  (21011719)                502621.98
3633025.90       20.64902  (21011719)
        502671.98   3633025.90       20.63590  (20082303)                502721.98
3633025.90       20.95747  (20082303)
        502771.98   3633025.90       21.21944  (20082303)                502821.98
3633025.90       25.98451  (20082303)
        502871.98   3633025.90       33.53917  (20081401)                502921.98
3633025.90       38.83616  (20081401)
        502971.98   3633025.90       25.06034  (20082024)                503021.98
3633025.90       27.49934  (20082024)
        503071.98   3633025.90       31.83080  (20081401)                503121.98
3633025.90       39.13879  (20081401)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1029
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 35.84925 | (20081401) | 503221.98 | 3633025.90 | 31.02259 | (21012820) |
| 503271.98 | 3633025.90 | 33.24341 | (21012820) | 503321.98 | 3633025.90 | 34.16730 | (21012820) |
| 503371.98 | 3633025.90 | 36.52728 | (21012820) | 503421.98 | 3633025.90 | 36.72253 | (21012820) |
| 503471.98 | 3633025.90 | 36.40890 | (21012820) | 503621.98 | 3633025.90 | 47.85397 | (21121422) |
| 503671.98 | 3633025.90 | 49.62931 | (21122618) | 503721.98 | 3633025.90 | 42.55979 | (19102623) |
| 503771.98 | 3633025.90 | 33.79301 | (20082301) | 503821.98 | 3633025.90 | 29.35424 | (20092620) |
| 503871.98 | 3633025.90 | 26.53588 | (20092620) | 503921.98 | 3633025.90 | 23.35615 | (20041904) |
| 503971.98 | 3633025.90 | 22.56114 | (20082024) | 504021.98 | 3633025.90 | 21.43862 | (20060920) |
| 504071.98 | 3633025.90 | 20.30999 | (19030607) | 504121.98 | 3633025.90 | 20.76367 | (19022319) |
| 504171.98 | 3633025.90 | 20.84785 | (19022319) | 504221.98 | 3633025.90 | 20.35295 | (19022319) |
| 504271.98 | 3633025.90 | 19.42978 | (21032601) | 504321.98 | 3633025.90 | 20.05417 | (21032601) |
| 504371.98 | 3633025.90 | 20.35575 | (21032601) | 504421.98 | 3633025.90 | 20.29397 | (21032601) |
| 504471.98 | 3633025.90 | 19.85241 | (21032601) | 504521.98 | 3633025.90 | 19.04750 | (21032601) |
| 504571.98 | 3633025.90 | 17.93867 | (21032601) | 504621.98 | 3633025.90 | 17.48138 | (19030304) |
| 504671.98 | 3633025.90 | 17.15748 | (19030304) | 504721.98 | 3633025.90 | 16.90852 | (21082521) |
| 504771.98 | 3633025.90 | 16.68504 | (21082521) | 504821.98 | 3633025.90 | 16.58122 | (21090306) |
| 504871.98 | 3633025.90 | 16.66133 | (21090306) | 504921.98 | 3633025.90 | 16.68082 | (21090306) |
| 504971.98 | 3633025.90 | 16.63484 | (21090306) | 505021.98 | 3633025.90 | 16.52175 | (21090306) |
| 505071.98 | 3633025.90 | 16.35215 | (21090306) | 505121.98 | 3633025.90 | 16.13075 | (21090306) |
| 505171.98 | 3633025.90 | 15.85430 | (21090306) | 505221.98 | 3633025.90 | 15.53302 | (21090306) |

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        502221.98   3633075.90       21.30747  (21011719)                502271.98
3633075.90       21.06190  (21011719)
        502321.98   3633075.90       20.52301  (21011719)                502371.98
3633075.90       20.00279  (21011719)
        502421.98   3633075.90       19.51828  (21011719)                502471.98
3633075.90       18.90952  (21011719)
        502521.98   3633075.90       18.41284  (21011719)                502571.98
3633075.90       17.96052  (21011719)
        502621.98   3633075.90       17.46457  (21011719)                502671.98
3633075.90       16.89776  (21011719)
        502721.98   3633075.90       16.62287  (20082303)                502771.98
3633075.90       17.05162  (20082303)
        502821.98   3633075.90       17.53754  (20082303)                502871.98
3633075.90       21.79974  (20082303)
        502921.98   3633075.90       27.13265  (20082303)                502971.98
3633075.90       29.93486  (20081401)
        503021.98   3633075.90       32.15161  (20081401)                503071.98
3633075.90       33.26351  (20081401)
        503121.98   3633075.90       31.51505  (20081401)                503171.98
3633075.90       28.69785  (20082303)
        503221.98   3633075.90       25.82226  (20082303)                503271.98
3633075.90       27.39368  (20082303)
        503321.98   3633075.90       29.48685  (20081401)                503371.98
3633075.90       31.78641  (21012820)
        503421.98   3633075.90       32.05653  (20081401)                503471.98
3633075.90       31.47883  (20081401)
        503621.98   3633075.90       39.62693  (21121422)                503671.98
3633075.90       34.51864  (20092424)
        503721.98   3633075.90       33.08355  (21122618)                503771.98
3633075.90       24.83377  (20020306)
        503821.98   3633075.90       22.49691  (20082301)                503871.98
3633075.90       22.03975  (20092620)
        503921.98   3633075.90       24.35789  (20092620)                503971.98
3633075.90       20.88461  (20092620)
        504021.98   3633075.90       19.52643  (20100720)                504071.98
3633075.90       19.05167  (20082024)
        504121.98   3633075.90       18.31678  (20060920)                504171.98
3633075.90       17.58233  (20102019)
        504221.98   3633075.90       17.13932  (19022319)                504271.98
3633075.90       17.58100  (19022319)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1030
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
```

```
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504321.98   3633075.90       17.67425  (19022319)                504371.98
3633075.90       17.41491  (19022319)
        504421.98   3633075.90       16.79904  (19022319)                504471.98
3633075.90       16.86645  (21032601)
        504521.98   3633075.90       17.28206  (21032601)                504571.98
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        504621.98   3633075.90       17.46664  (21032601)                504671.98
3633075.90       17.18223  (21032601)
        504721.98   3633075.90       16.64552  (21032601)                504771.98
3633075.90       15.88784  (21032601)
        504821.98   3633075.90       15.02589  (19030304)                504871.98
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        504921.98   3633075.90       14.61863  (19030304)                504971.98
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        505121.98   3633075.90       14.10760  (21090306)                505171.98
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        505221.98   3633075.90       14.27345  (21090306)                502221.98
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        502571.98   3633125.90       15.32693  (21011719)                502621.98
3633125.90       14.95601  (21012617)
        502671.98   3633125.90       14.98020  (21012617)                502721.98
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        503071.98   3633125.90       23.61249  (19042006)                503121.98
3633125.90       23.61803  (20082303)
        503171.98   3633125.90       22.42619  (20082303)                503221.98
3633125.90       21.50981  (20082303)
        503271.98   3633125.90       23.65928  (20082303)                503321.98
3633125.90       24.19644  (20082303)
        503371.98   3633125.90       28.78112  (20081401)                503421.98
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        503471.98   3633125.90       27.41648  (20081401)                503621.98
3633125.90       30.96114  (20092821)
        503671.98   3633125.90       25.81786  (21121422)                503721.98
3633125.90       28.56374  (20092424)
        503771.98   3633125.90       20.57119  (19020919)                503821.98
3633125.90       19.16263  (20110218)
        503871.98   3633125.90       18.92614  (20102020)                503921.98
3633125.90       17.38222  (20090224)
        503971.98   3633125.90       20.02926  (20092620)                504021.98
3633125.90       20.38937  (20092620)
        504071.98   3633125.90       17.19306  (20041904)                504121.98
3633125.90       16.85311  (20100720)
        504171.98   3633125.90       16.50960  (20082024)                504221.98
3633125.90       15.99648  (20072505)
        504271.98   3633125.90       15.56399  (20102019)                504321.98
3633125.90       14.98470  (20011517)
        504371.98   3633125.90       15.02388  (19022319)                504421.98
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        504471.98   3633125.90       15.42014  (19022319)                504521.98
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        504571.98   3633125.90       14.83522  (19022319)                504621.98
3633125.90       14.60368  (19020918)
        504671.98   3633125.90       14.97192  (21032601)                504721.98
3633125.90       15.26200  (21032601)
        504771.98   3633125.90       15.41505  (21032601)                504821.98
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        504871.98   3633125.90       15.21442  (21032601)                504921.98
3633125.90       14.83116  (21032601)
        504971.98   3633125.90       14.29182  (21032601)                505021.98
3633125.90       13.58036  (21032601)
        505071.98   3633125.90       13.12354  (19120822)                505121.98
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        505171.98   3633125.90       12.70656  (19030304)                505221.98
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        502221.98   3633175.90       15.96487  (21011719)                502271.98
3633175.90       15.57389  (21011719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503421.98 3633175.90 24.07155 (20081401) 503471.98
3633175.90 22.97279 (20081401)
503621.98 3633175.90 22.64336 (20121721) 503671.98
3633175.90 22.01653 (21121422)
503721.98 3633175.90 21.13830 (20092424) 503771.98
3633175.90 18.50773 (20011620)
503821.98 3633175.90 16.92370 (21010717) 503871.98
3633175.90 16.49510 (20100802)
503921.98 3633175.90 17.03016 (20102020) 503971.98
3633175.90 15.35245 (20082301)
504021.98 3633175.90 15.97567 (20092620) 504071.98
3633175.90 17.94571 (20092620)
504121.98 3633175.90 17.28993 (20092620) 504171.98
3633175.90 15.02501 (20041904)
504221.98 3633175.90 14.84391 (20100720) 504271.98
3633175.90 14.69368 (20082024)
504321.98 3633175.90 14.32787 (20082024) 504371.98
3633175.90 13.85392 (20060920)
504421.98 3633175.90 13.50782 (19011917) 504471.98
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3633225.90 12.73080 (21012617)

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503371.98   3633225.90       20.83074  (19042006)                503421.98
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        503671.98   3633225.90       18.14698  (20082024)                503721.98
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        503771.98   3633225.90       15.82108  (20092424)                503821.98
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        503871.98   3633225.90       14.96147  (21010717)                503921.98
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        503971.98   3633225.90       15.27294  (20102020)                504021.98
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3633275.90 11.47612 (20011620)
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503121.98 3633275.90 11.39700 (21012617) 503171.98
3633275.90 11.24473 (21012617)
503221.98 3633275.90 11.17473 (21012617) 503271.98
3633275.90 14.39702 (20010802)
503321.98 3633275.90 16.02869 (19022007) 503371.98
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503621.98 3633275.90 17.11246 (20082024) 503671.98

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        504421.98   3633275.90       12.74552  (20082024)                504471.98
3633275.90       12.21393  (20082024)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777 , L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785 , L0000786    , L0000787    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3633275.90 10.98354 (20081806)
505121.98 3633275.90 10.93564 (20081806) 505171.98
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502871.98 3633325.90 11.20504 (21012617) 502921.98
3633325.90 11.16855 (21012617)
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503071.98 3633325.90 10.94970 (21012617) 503121.98
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503171.98 3633325.90 10.66335 (21012617) 503221.98
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3633325.90 11.84855 (20102224)
503871.98 3633325.90 13.33821 (20011620) 503921.98
3633325.90 13.28256 (19030801)
503971.98 3633325.90 13.01229 (19020919) 504021.98
3633325.90 12.02728 (20082024)
504071.98 3633325.90 12.31317 (20102020) 504121.98
3633325.90 13.48482 (20082301)
504171.98 3633325.90 12.54125 (20082301) 504221.98
3633325.90 11.25397 (20082302)

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        504271.98   3633325.90       12.44550  (20082302)                504321.98
3633325.90       13.93278  (20082302)
        504371.98   3633325.90       14.20480  (21011602)                504421.98
3633325.90       13.03175  (20082106)
        504471.98   3633325.90       11.63155  (20082024)                504521.98
3633325.90       11.30106  (20082024)
        504571.98   3633325.90       11.32660  (20082024)                504621.98
3633325.90       11.44656  (20082024)
        504671.98   3633325.90       11.64325  (20082024)                504721.98
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        504771.98   3633325.90       10.29561  (19011917)                504821.98
3633325.90       10.14303  (20011517)
        504871.98   3633325.90       10.70563  (20082303)                504921.98
3633325.90       11.28364  (19022319)
        504971.98   3633325.90       11.09086  (19022319)                505021.98
3633325.90       10.95828  (19022319)
        505071.98   3633325.90       10.96628  (19022319)                505121.98
3633325.90       10.51019  (19022319)
        505171.98   3633325.90       10.28217  (19022319)                505221.98
3633325.90       10.15969  (19022319)
        502221.98   3633375.90       10.06240  (21121424)                502271.98
3633375.90        9.94913  (21121424)
        502321.98   3633375.90        9.79379  (21121424)                502371.98
3633375.90        9.83332  (20011620)
        502421.98   3633375.90        9.96561  (20011620)                502471.98
3633375.90       10.03301  (20011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1034
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 10.07799 | (20011620) | 502571.98 | 3633375.90 | 10.10852 | (21012617) |
| 502621.98 | 3633375.90 | 10.30493 | (21012617) | 502671.98 | 3633375.90 | 10.43254 | (21012617) |
| 502721.98 | 3633375.90 | 10.51162 | (21012617) | 502771.98 | 3633375.90 | 10.55202 | (21012617) |
| 502821.98 | 3633375.90 | 10.56143 | (21012617) | 502871.98 | 3633375.90 | 10.54611 | (21012617) |
| 502921.98 | 3633375.90 | 10.52710 | (21012617) | 502971.98 | 3633375.90 | 10.49577 | (21012617) |
| 503021.98 | 3633375.90 | 10.45225 | (21012617) | 503071.98 | 3633375.90 | 10.37399 | (21012617) |
| 503121.98 | 3633375.90 | 10.27437 | (21012617) | 503171.98 | 3633375.90 | 10.15850 | (21012617) |
| 503221.98 | 3633375.90 | 10.05328 | (21012617) | 503271.98 | 3633375.90 | 9.92393 | (21012617) |
| 503321.98 | 3633375.90 | 9.92466 | (21012617) | 503371.98 | 3633375.90 | 16.18264 | (20010802) |
| 503421.98 | 3633375.90 | 14.97226 | (20082106) | 503471.98 | 3633375.90 | 14.59440 | (20082106) |
| 503621.98 | 3633375.90 | 13.88031 | (20082024) | 503671.98 | 3633375.90 | 13.37732 | (20082024) |
| 503721.98 | 3633375.90 | 12.10165 | (20082024) | 503771.98 | 3633375.90 | 11.59249 | (20082024) |
| 503821.98 | 3633375.90 | 11.59427 | (20082024) | 503871.98 | 3633375.90 | 11.57075 | (20092424) |
| 503921.98 | 3633375.90 | 13.05672 | (20092424) | 503971.98 | 3633375.90 | 13.11914 | (20082024) |
| 504021.98 | 3633375.90 | 12.91317 | (19020919) | 504071.98 | 3633375.90 | 11.92215 | (20082024) |
| 504121.98 | 3633375.90 | 12.64091 | (20020306) | 504171.98 | 3633375.90 | 11.77571 | (20082301) |
| 504221.98 | 3633375.90 | 11.98993 | (20082301) | 504271.98 | 3633375.90 | 12.57362 | (20082301) |
| 504321.98 | 3633375.90 | 14.09445 | (20082302) | 504371.98 | 3633375.90 | 15.06710 | (20082302) |
| 504421.98 | 3633375.90 | 13.24355 | (20082302) | 504471.98 | 3633375.90 | 11.64490 | (20082106) |
| 504521.98 | 3633375.90 | 10.94120 | (20082106) | 504571.98 | 3633375.90 | 11.05841 | (20082024) |
| 504621.98 | 3633375.90 | 11.65016 | (20082024) | 504671.98 | 3633375.90 | 12.45336 | (20082024) |
| 504721.98 | 3633375.90 | 11.68335 | (20082024) | 504771.98 | 3633375.90 | 10.72814 | (20082024) |
| 504821.98 | 3633375.90 | 10.75570 | (20082024) | 504871.98 | | | |

3633375.90       11.90917  (20082024)
        504921.98   3633375.90       11.54471  (20082024)                504971.98
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        505121.98   3633375.90        9.81884  (19022319)                505171.98
3633375.90        9.77620  (19022319)
        505221.98   3633375.90       10.05487  (19022319)                502221.98
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        502471.98   3633425.90        9.42446  (20011620)                502521.98
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        502571.98   3633425.90        9.51134  (20011620)                502621.98
3633425.90        9.52827  (20011620)
        502671.98   3633425.90        9.66903  (21012617)                502721.98
3633425.90        9.79428  (21012617)
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        502871.98   3633425.90        9.93710  (21012617)                502921.98
3633425.90        9.94860  (21012617)
        502971.98   3633425.90        9.93276  (21012617)                503021.98
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        503071.98   3633425.90        9.85412  (21012617)                503121.98
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        503171.98   3633425.90        9.69790  (21012617)                503221.98
3633425.90        9.61224  (21012617)
        503271.98   3633425.90        9.51353  (21012617)                503321.98
3633425.90        9.59456  (21012617)
        503371.98   3633425.90       15.78496  (20082302)                503421.98
3633425.90       14.76500  (20082302)
        503471.98   3633425.90       14.59441  (20082302)                503621.98
3633425.90       14.92538  (21060422)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777

, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        503971.98   3633425.90       14.49398  (20092424)                504021.98
3633425.90       12.60407  (20012121)
        504071.98   3633425.90       12.67702  (19020919)                504121.98
3633425.90       12.79977  (20082024)
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        504271.98   3633425.90       14.10402  (20082301)                504321.98
3633425.90       14.64730  (20082301)
        504371.98   3633425.90       13.89713  (20082302)                504421.98
3633425.90       13.12051  (20082302)
        504471.98   3633425.90       12.00212  (20082302)                504521.98
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        504571.98   3633425.90       11.43283  (20082106)                504621.98
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3633425.90       12.57673  (20082024)
        504771.98   3633425.90       11.89722  (20082024)                504821.98
3633425.90       11.62515  (20082024)
        504871.98   3633425.90       13.10996  (20082024)                504921.98
3633425.90       12.68404  (20082024)
        504971.98   3633425.90       11.88532  (20082024)                505021.98
3633425.90       10.18735  (20082024)
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3633425.90        8.91099  (19022319)
        505171.98   3633425.90        9.06145  (19022319)                505221.98
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        502321.98   3633475.90        8.54992  (21012024)                502371.98
3633475.90        8.53919  (21012024)

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        502521.98   3633475.90        8.89021  (20011620)               502571.98
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        502621.98   3633475.90        8.98794  (20011620)               502671.98
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        502621.98   3633525.90        8.45380  (20011620)               502671.98
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        504771.98   3633525.90       12.76304  (20082106)               504821.98
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        504871.98   3633525.90       12.72680  (20082024)               504921.98
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        504971.98   3633525.90       12.84981  (20082024)               505021.98
3633525.90       11.96915  (20082024)
        505071.98   3633525.90       10.62688  (20082024)               505121.98
3633525.90        9.67780  (20082024)
        505171.98   3633525.90        9.51910  (20082024)               505221.98
3633525.90        9.81117  (20082024)
        502221.98   3633575.90        8.09983  (21012024)               502271.98
3633575.90        7.91119  (21012024)
        502321.98   3633575.90        7.85559  (21012024)               502371.98
3633575.90        7.89463  (21012024)
        502421.98   3633575.90        7.88560  (21012024)               502471.98
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        502521.98   3633575.90        7.71352  (20011620)               502571.98
3633575.90        7.87206  (20011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW  ***
INCLUDING SOURCE(S):  L0000760  , L0000761 , L0000762  , L0000763  , L0000764  ,
L0000765  , L0000766  , L0000767  , L0000768  , L0000769 , L0000770  , L0000771  , L0000772  ,
L0000773  , L0000774  , L0000775  , L0000776  , L0000777 , L0000778  , L0000779  , L0000780  ,
L0000781  , L0000782  , L0000783  , L0000784  , L0000785 , L0000786  , L0000787  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 7.97534 | (20011620) | 502671.98 | 3633575.90 | 8.03258 | (20011620) |
| 504771.98 | 3633575.90 | 12.33634 | (20082302) | 504821.98 | 3633575.90 | 12.02941 | (20082106) |
| 504871.98 | 3633575.90 | 12.18233 | (20082106) | 504921.98 | 3633575.90 | 12.13021 | (20082024) |
| 504971.98 | 3633575.90 | 12.42478 | (20082024) | 505021.98 | 3633575.90 | 12.31341 | (20082024) |
| 505071.98 | 3633575.90 | 11.40627 | (20082024) | 505121.98 | 3633575.90 | 10.27722 | (20082024) |
| 505171.98 | 3633575.90 | 10.12589 | (20082024) | 505221.98 | 3633575.90 | 10.72226 | (20082024) |
| 502221.98 | 3633625.90 | 7.83754 | (21012024) | 502271.98 | 3633625.90 | 7.57646 | (21012024) |
| 502321.98 | 3633625.90 | 7.58106 | (21012024) | 502371.98 | 3633625.90 | 7.57883 | (21012024) |
| 502421.98 | 3633625.90 | 7.59135 | (21012024) | 502471.98 | 3633625.90 | 7.46988 | (21012024) |
| 502521.98 | 3633625.90 | 7.45863 | (21012024) | 502571.98 | 3633625.90 | 7.38325 | (20011620) |
| 502621.98 | 3633625.90 | 7.54052 | (20011620) | 502671.98 | 3633625.90 | 7.62469 | (20011620) |
| 504771.98 | 3633625.90 | 11.95794 | (20082302) | 504821.98 | 3633625.90 | 12.47990 | (20082302) |
| 504871.98 | 3633625.90 | 11.89268 | (20082302) | 504921.98 | 3633625.90 | 11.67457 | (20082106) |
| 504971.98 | 3633625.90 | 11.91425 | (20082024) | 505021.98 | | | |

3633625.90 11.98026 (20082024)
505071.98 3633625.90 11.34910 (20082024) 505121.98
3633625.90 10.63407 (20082024)
505171.98 3633625.90 10.41273 (20082024) 505221.98
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3633675.90 7.22471 (21012024)
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3633675.90 7.12121 (21012024)
502621.98 3633675.90 7.05729 (20011620) 502671.98
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3633675.90 11.45439 (20082024)
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3633675.90 10.21450 (20082024)
505171.98 3633675.90 10.19957 (20082024) 505221.98
3633675.90 10.86203 (20082024)
502221.98 3633725.90 7.11691 (21012024) 502271.98
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3633725.90 6.75617 (20011620)
504771.98 3633725.90 10.81203 (20082302) 504821.98
3633725.90 11.10711 (20082302)
504871.98 3633725.90 11.54081 (20082302) 504921.98
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3633725.90 9.62674 (20082106)
505171.98 3633725.90 9.93668 (20082024) 505221.98
3633725.90 10.43897 (20082024)
502221.98 3633775.90 6.85014 (21012024) 502271.98
3633775.90 6.74135 (21012024)
502321.98 3633775.90 6.82813 (21012024) 502371.98
3633775.90 6.79921 (21012024)
502421.98 3633775.90 6.80214 (21012024) 502471.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633775.90        6.57534  (21012024)                502671.98
3633775.90        6.49033  (21012024)
        504771.98   3633775.90       10.08811  (20082302)                504821.98
3633775.90       10.34421  (20082302)
        504871.98   3633775.90       10.63371  (20082302)                504921.98
3633775.90       10.82535  (20082302)
        504971.98   3633775.90       11.05138  (20082302)                505021.98
3633775.90       10.89298  (20082302)
        505071.98   3633775.90       10.29398  (20082302)                505121.98
3633775.90        9.42127  (20082302)
        505171.98   3633775.90        9.55299  (20082106)                505221.98
3633775.90        9.95789  (20082024)
        502221.98   3633825.90        6.66918  (21012024)                502271.98
3633825.90        6.55313  (21012024)
        502321.98   3633825.90        6.58593  (21012024)                502371.98
3633825.90        6.58748  (21012024)
        502421.98   3633825.90        6.55978  (21012024)                502471.98
3633825.90        6.50753  (21012024)

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        502521.98   3633825.90        6.47242  (21012024)               502571.98
3633825.90        6.44060  (21012024)
        502621.98   3633825.90        6.39612  (21012024)               502671.98
3633825.90        6.30908  (21012024)
        504771.98   3633825.90        9.64546  (20092620)               504821.98
3633825.90        9.68325  (20082302)
        504871.98   3633825.90        9.65456  (20082301)               504921.98
3633825.90        9.59151  (20082302)
        504971.98   3633825.90        9.79770  (20082302)               505021.98
3633825.90       10.04543  (20082302)
        505071.98   3633825.90        9.89385  (20082302)               505121.98
3633825.90        9.39765  (20082302)
        505171.98   3633825.90        9.53804  (20082302)               505221.98
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        502221.98   3633875.90        6.42340  (21012024)               502271.98
3633875.90        6.35089  (21012024)
        502321.98   3633875.90        6.40473  (21012024)               502371.98
3633875.90        6.35293  (21012024)
        502421.98   3633875.90        6.34403  (21012024)               502471.98
3633875.90        6.27718  (21012024)
        502521.98   3633875.90        6.26649  (21012024)               502571.98
3633875.90        6.25190  (21012024)
        502621.98   3633875.90        6.21008  (21012024)               502671.98
3633875.90        6.12726  (21012024)
        504771.98   3633875.90        9.63141  (19102623)               504821.98
3633875.90        9.18592  (20082302)
        504871.98   3633875.90        9.34935  (20082301)               504921.98
3633875.90        9.14830  (20082301)
        504971.98   3633875.90        8.76989  (20082302)               505021.98
3633875.90        8.82372  (20082302)
        505071.98   3633875.90        9.14314  (20082302)               505121.98
3633875.90        9.12088  (20082302)
        505171.98   3633875.90        9.50819  (20082302)               505221.98
3633875.90        9.79166  (20082302)
        502221.98   3633925.90        6.21935  (21012024)               502271.98
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        502321.98   3633925.90        6.20042  (21012024)               502371.98
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        502421.98   3633925.90        6.16696  (21012024)               502471.98
3633925.90        6.11236  (21012024)
        502521.98   3633925.90        6.08880  (21012024)               502571.98
3633925.90        6.05946  (21012024)
        502621.98   3633925.90        6.02095  (21012024)               502671.98
3633925.90        5.94668  (21012024)
        504771.98   3633925.90        9.40394  (19102623)               504821.98
3633925.90        9.20822  (19021605)
        504871.98   3633925.90        8.85482  (19021605)               504921.98
3633925.90        8.79928  (20082301)
        504971.98   3633925.90        8.48994  (20082301)               505021.98
3633925.90        8.26909  (20082301)
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        505071.98   3633925.90        8.30210  (20082302)                505121.98
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        505171.98   3633925.90        9.12129  (20082302)                505221.98
3633925.90        9.50148  (20082302)
        502221.98   3633975.90        6.05022  (21012024)                502271.98
3633975.90        5.97186  (21012024)
        502321.98   3633975.90        5.97483  (21012024)                502371.98
3633975.90        5.99016  (21012024)
        502421.98   3633975.90        5.98552  (21012024)                502471.98
3633975.90        5.95410  (21012024)
        502521.98   3633975.90        5.93486  (21012024)                502571.98
3633975.90        5.88903  (21012024)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1038
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3633975.90        5.85329  (21012024)                502671.98
3633975.90        5.77664  (21012024)
        504771.98   3633975.90        8.76131  (20082302)                504821.98
3633975.90        8.87923  (20102020)
        504871.98   3633975.90        8.90085  (19021605)                504921.98
3633975.90        8.39661  (19021605)
        504971.98   3633975.90        8.13681  (20082301)                505021.98
3633975.90        8.01840  (20082301)
        505071.98   3633975.90        7.91860  (20082301)                505121.98
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3633975.90        8.16709  (20082302)
        505171.98   3633975.90        8.63260  (20082302)                505221.98
3633975.90        8.99648  (20082302)
        502221.98   3634025.90        5.88424  (21012024)                502271.98
3634025.90        5.80244  (21012024)
        502321.98   3634025.90        5.79674  (21012024)                502371.98
3634025.90        5.81012  (21012024)
        502421.98   3634025.90        5.79777  (21012024)                502471.98
3634025.90        5.77533  (21012024)
        502521.98   3634025.90        5.74874  (21012024)                502571.98
3634025.90        5.71872  (21012024)
        502621.98   3634025.90        5.69287  (21012024)                502671.98
3634025.90        5.63641  (21012024)
        504771.98   3634025.90        8.48572  (20082302)                504821.98
3634025.90        8.53234  (20110218)
        504871.98   3634025.90        8.53030  (20020306)                504921.98
3634025.90        8.04425  (19021605)
        504971.98   3634025.90        7.46269  (20082301)                505021.98
3634025.90        7.52924  (20082301)
        505071.98   3634025.90        7.71880  (20082301)                505121.98
3634025.90        8.05962  (20082301)
        505171.98   3634025.90        8.23193  (20082302)                505221.98
3634025.90        8.51024  (20082302)
        502221.98   3634075.90        5.67765  (21012024)                502271.98
3634075.90        5.63805  (21012024)
        502321.98   3634075.90        5.62654  (21012024)                502371.98
3634075.90        5.60995  (21012024)
        502421.98   3634075.90        5.58223  (21012024)                502471.98
3634075.90        5.56555  (21012024)
        502521.98   3634075.90        5.55808  (21012024)                502571.98
3634075.90        5.56649  (21012024)
        502621.98   3634075.90        5.53200  (21012024)                502671.98
3634075.90        5.51068  (21012024)
        504771.98   3634075.90        8.31121  (20082302)                504821.98
3634075.90        8.22193  (20082302)
        504871.98   3634075.90        7.92027  (20020306)                504921.98
3634075.90        7.58778  (20020306)
        504971.98   3634075.90        7.08756  (20082106)                505021.98
3634075.90        7.07083  (20082301)
        505071.98   3634075.90        7.41005  (20082301)                505121.98
3634075.90        7.84634  (20082301)
        505171.98   3634075.90        8.04538  (20082301)                505221.98
3634075.90        8.15081  (20082302)
        502221.98   3634125.90        5.47449  (21012024)                502271.98
3634125.90        5.49189  (21012024)
        502321.98   3634125.90        5.46989  (21012024)                502371.98
3634125.90        5.47304  (21012024)
        502421.98   3634125.90        5.44946  (21012024)                502471.98
3634125.90        5.42272  (21012024)
        502521.98   3634125.90        5.38977  (21012024)                502571.98
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3634125.90        5.35698  (21012024)
        502621.98   3634125.90        5.37529  (21012024)                502671.98
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        504771.98   3634125.90        8.00952  (19020919)                504821.98
3634125.90        7.70330  (20082302)
        504871.98   3634125.90        7.50208  (20082302)                504921.98
3634125.90        6.93062  (20082302)
        504971.98   3634125.90        6.87770  (20020306)                505021.98
3634125.90        6.82626  (20082106)
        505071.98   3634125.90        7.10760  (20082301)                505121.98
3634125.90        7.55560  (20082301)
        505171.98   3634125.90        7.80099  (20082301)                505221.98
3634125.90        7.90211  (20082302)
        502221.98   3634175.90        5.26476  (21012024)                502271.98
3634175.90        5.27480  (21012024)
        502321.98   3634175.90        5.25661  (21012024)                502371.98
3634175.90        5.36293  (21012024)
        502421.98   3634175.90        5.34117  (21012024)                502471.98
3634175.90        5.31234  (21012024)
        502521.98   3634175.90        5.26783  (21012024)                502571.98
3634175.90        5.23286  (21012024)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777 , L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785 , L0000786    , L0000787    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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        502621.98   3634175.90        5.19457  (21012024)               502671.98
3634175.90        5.17744  (21012024)
        504771.98   3634175.90        7.12324  (19020919)               504821.98
3634175.90        6.92553  (19020919)
        504871.98   3634175.90        6.78780  (20082302)               504921.98
3634175.90        6.78734  (20082302)
        504971.98   3634175.90        6.78815  (20082302)               505021.98
3634175.90        6.92989  (20082302)
        505071.98   3634175.90        6.95424  (20020306)               505121.98
3634175.90        7.44689  (19021605)
        505171.98   3634175.90        7.60172  (20082302)               505221.98
3634175.90        7.76335  (20082302)
        502221.98   3634225.90        5.14095  (21012024)               502271.98
3634225.90        5.12530  (21012024)
        502321.98   3634225.90        5.17396  (21012024)               502371.98
3634225.90        5.23195  (21012024)
        502421.98   3634225.90        5.22725  (21012024)               502471.98
3634225.90        5.20306  (21012024)
        502521.98   3634225.90        5.15498  (21012024)               502571.98
3634225.90        5.12585  (21012024)
        502621.98   3634225.90        5.08200  (21012024)               502671.98
3634225.90        5.04621  (21012024)
        504771.98   3634225.90        6.14375  (20082302)               504821.98
3634225.90        6.11394  (20082302)
        504871.98   3634225.90        6.48280  (20082302)               504921.98
3634225.90        6.58334  (20082302)
        504971.98   3634225.90        6.96609  (20082302)               505021.98
3634225.90        6.95848  (20082302)
        505071.98   3634225.90        6.95346  (20082302)               505121.98
3634225.90        7.29949  (20020306)
        505171.98   3634225.90        7.27620  (19021605)               505221.98
3634225.90        7.56918  (20082302)
        502221.98   3634275.90        5.02816  (21012024)               502271.98
3634275.90        5.01550  (21012024)
        502321.98   3634275.90        5.03855  (21012024)               502371.98
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        502421.98   3634275.90        5.09581  (21012024)               502471.98
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        502521.98   3634275.90        5.04688  (21012024)               502571.98
3634275.90        5.01082  (21012024)
        502621.98   3634275.90        4.98387  (21012024)               502671.98
3634275.90        4.94894  (21012024)
        504771.98   3634275.90        5.63632  (20082302)               504821.98
3634275.90        5.87425  (20082302)
        504871.98   3634275.90        6.32845  (19020919)               504921.98
3634275.90        6.68666  (19020919)
        504971.98   3634275.90        7.05190  (20082302)               505021.98
3634275.90        6.91343  (20082302)
        505071.98   3634275.90        6.93098  (20082302)               505121.98
3634275.90        7.19829  (20082302)
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        505171.98   3634275.90        7.06700  (20020306)               505221.98
3634275.90        7.38418  (20082302)
        502221.98   3634325.90        4.93492  (21012024)               502271.98
3634325.90        4.93778  (21012024)
        502321.98   3634325.90        4.92970  (21012024)               502371.98
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        502421.98   3634325.90        4.90320  (21012024)               502471.98
3634325.90        4.87509  (21012024)
        502521.98   3634325.90        4.84891  (21012024)               502571.98
3634325.90        4.81660  (21012024)
        502621.98   3634325.90        4.77977  (21012024)               502671.98
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        504771.98   3634325.90        5.62285  (20082301)               504821.98
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        504971.98   3634325.90        7.17723  (19020919)               505021.98
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        505071.98   3634325.90        6.82143  (20082302)               505121.98
3634325.90        7.15361  (20082302)
        505171.98   3634325.90        7.05825  (20082302)               505221.98
3634325.90        7.17821  (20082302)
        502221.98   3634375.90        4.86462  (21012024)               502271.98
3634375.90        4.86550  (21012024)
        502321.98   3634375.90        4.83033  (21012024)               502371.98
3634375.90        4.79802  (21012024)
        502421.98   3634375.90        4.81045  (21012024)               502471.98
3634375.90        4.81833  (21012024)
        502521.98   3634375.90        4.83536  (21012024)               502571.98
3634375.90        4.80881  (21012024)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1040
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634375.90 | 4.73379 | (21012024) | 502671.98 | 3634375.90 | 4.63565 | (21012024) |
| 504771.98 | 3634375.90 | 5.79738 | (20082301) | 504821.98 | 3634375.90 | 6.29130 | (19020919) |
| 504871.98 | 3634375.90 | 6.63894 | (19020919) | 504921.98 | 3634375.90 | 6.99722 | (19020919) |
| 504971.98 | 3634375.90 | 7.11413 | (19020919) | 505021.98 | 3634375.90 | 6.83745 | (19020919) |
| 505071.98 | 3634375.90 | 6.71426 | (20082302) | 505121.98 | 3634375.90 | 7.05096 | (20082302) |
| 505171.98 | 3634375.90 | 7.03238 | (20082302) | 505221.98 | 3634375.90 | 7.03601 | (20082302) |
| 502221.98 | 3634425.90 | 4.81621 | (21012024) | 502271.98 | 3634425.90 | 4.82073 | (21012024) |
| 502321.98 | 3634425.90 | 4.81057 | (21012024) | 502371.98 | 3634425.90 | 4.79789 | (21012024) |
| 502421.98 | 3634425.90 | 4.78796 | (21012024) | 502471.98 | 3634425.90 | 4.76152 | (21012024) |
| 502521.98 | 3634425.90 | 4.74545 | (21012024) | 502571.98 | 3634425.90 | 4.71713 | (21012024) |
| 502621.98 | 3634425.90 | 4.68644 | (21012024) | 502671.98 | 3634425.90 | 4.64543 | (21012024) |
| 504771.98 | 3634425.90 | 6.21585 | (20092424) | 504821.98 | 3634425.90 | 6.03527 | (20082301) |
| 504871.98 | 3634425.90 | 6.51955 | (19020919) | 504921.98 | 3634425.90 | 6.67941 | (19020919) |
| 504971.98 | 3634425.90 | 6.89491 | (19020919) | 505021.98 | 3634425.90 | 6.97259 | (19020919) |
| 505071.98 | 3634425.90 | 6.92995 | (19020919) | 505121.98 | 3634425.90 | 6.86740 | (20082302) |
| 505171.98 | 3634425.90 | 6.90228 | (20082302) | 505221.98 | 3634425.90 | 6.91523 | (20082302) |
| 502221.98 | 3634475.90 | 4.72159 | (21012024) | 502271.98 | 3634475.90 | 4.72110 | (21012024) |
| 502321.98 | 3634475.90 | 4.71480 | (21012024) | 502371.98 | 3634475.90 | 4.70572 | (21012024) |
| 502421.98 | 3634475.90 | 4.69258 | (21012024) | 502471.98 | 3634475.90 | 4.67098 | (21012024) |
| 502521.98 | 3634475.90 | 4.65746 | (21012024) | 502571.98 | 3634475.90 | 4.63272 | (21012024) |
| 502621.98 | 3634475.90 | 4.60196 | (21012024) | 502671.98 | | | |

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3634475.90        4.56746  (21012024)
        504771.98   3634475.90        6.49908  (20092424)                504821.98
3634475.90        6.23321  (20092424)
        504871.98   3634475.90        6.50688  (19030801)                504921.98
3634475.90        7.54264  (21122618)
        504971.98   3634475.90        6.94495  (21122618)                505021.98
3634475.90        6.46543  (19020919)
        505071.98   3634475.90        6.60005  (20092620)                505121.98
3634475.90        6.72134  (20092620)
        505171.98   3634475.90        6.73713  (20092620)                505221.98
3634475.90        6.72326  (20082302)
        502221.98   3634525.90        4.63259  (21012024)                502271.98
3634525.90        4.62604  (21012024)
        502321.98   3634525.90        4.61941  (21012024)                502371.98
3634525.90        4.61264  (21012024)
        502421.98   3634525.90        4.59891  (21012024)                502471.98
3634525.90        4.58406  (21012024)
        502521.98   3634525.90        4.56311  (21012024)                502571.98
3634525.90        4.54395  (21012024)
        502621.98   3634525.90        4.51862  (21012024)                502671.98
3634525.90        4.50354  (21012024)
        504771.98   3634525.90        6.69217  (20092424)                504821.98
3634525.90        6.52541  (20092424)
        504871.98   3634525.90        6.58978  (19030801)                504921.98
3634525.90        7.26233  (21122618)
        504971.98   3634525.90        5.96385  (21121421)                505021.98
3634525.90        6.39653  (21122618)
        505071.98   3634525.90        6.89147  (21122618)                505121.98
3634525.90        6.35794  (20092620)
        505171.98   3634525.90        6.43360  (20092620)                505221.98
3634525.90        6.41883  (20092620)
        502221.98   3634575.90        4.56008  (21012024)                502271.98
3634575.90        4.53716  (21012024)
        502321.98   3634575.90        4.52647  (21012024)                502371.98
3634575.90        4.51820  (21012024)
        502421.98   3634575.90        4.50858  (21012024)                502471.98
3634575.90        4.49736  (21012024)
        502521.98   3634575.90        4.47886  (21012024)                502571.98
3634575.90        4.45906  (21012024)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1041
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
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, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634575.90        4.43660  (21012024)               502671.98
3634575.90        4.41976  (21012024)
        504771.98   3634575.90        6.72729  (21090701)               504821.98
3634575.90        6.65336  (20011620)
        504871.98   3634575.90        6.75712  (21122618)               504921.98
3634575.90        6.11791  (19102623)
        504971.98   3634575.90        6.02995  (19102623)               505021.98
3634575.90        5.82535  (20082301)
        505071.98   3634575.90        6.97182  (21122618)               505121.98
3634575.90        6.62845  (21122618)
        505171.98   3634575.90        6.44222  (19020919)               505221.98
3634575.90        6.43612  (19020919)
        502221.98   3634625.90        4.47687  (21012024)               502271.98
3634625.90        4.46833  (21012024)
        502321.98   3634625.90        4.43906  (21012024)               502371.98
3634625.90        4.42943  (21012024)
        502421.98   3634625.90        4.41802  (21012024)               502471.98
3634625.90        4.40707  (21012024)
        502521.98   3634625.90        4.40604  (21012024)               502571.98
3634625.90        4.38643  (21012024)
        502621.98   3634625.90        4.36581  (21012024)               502671.98
3634625.90        4.33737  (21012024)
        504771.98   3634625.90        6.11711  (19102623)               504821.98
3634625.90        5.88475  (19102623)
        504871.98   3634625.90        5.63807  (19102623)               504921.98
3634625.90        5.54557  (19102623)
        504971.98   3634625.90        5.99538  (19102623)               505021.98
3634625.90        5.72224  (20082301)
        505071.98   3634625.90        7.13358  (21122618)               505121.98
3634625.90        6.71170  (21122618)
        505171.98   3634625.90        6.30979  (19020919)               505221.98
3634625.90        6.32545  (19020919)
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        502221.98   3634675.90        4.38526  (21012024)               502271.98
3634675.90        4.39287  (21012024)
        502321.98   3634675.90        4.38992  (21012024)               502371.98
3634675.90        4.37681  (21012024)
        502421.98   3634675.90        4.36824  (21012024)               502471.98
3634675.90        4.35616  (21012024)
        502521.98   3634675.90        4.33964  (21012024)               502571.98
3634675.90        4.32441  (21012024)
        502621.98   3634675.90        4.30348  (21012024)               502671.98
3634675.90        4.26908  (21012024)
        504771.98   3634675.90        4.41286  (21012617)               504821.98
3634675.90        4.41631  (21012617)
        504871.98   3634675.90        5.80871  (19102623)               504921.98
3634675.90        5.62532  (19102623)
        504971.98   3634675.90        5.92934  (19102623)               505021.98
3634675.90        5.70421  (19021605)
        505071.98   3634675.90        6.85440  (21122618)               505121.98
3634675.90        6.43766  (21122618)
        505171.98   3634675.90        6.08405  (21010717)               505221.98
3634675.90        6.13844  (19020919)
        502221.98   3634725.90        4.30587  (21012024)               502271.98
3634725.90        4.30839  (21012024)
        502321.98   3634725.90        4.29074  (21012024)               502371.98
3634725.90        4.28296  (21012024)
        502421.98   3634725.90        4.28822  (21012024)               502471.98
3634725.90        4.28055  (21012024)
        502521.98   3634725.90        4.26076  (21012024)               502571.98
3634725.90        4.25061  (21012024)
        502621.98   3634725.90        4.22876  (21012024)               502671.98
3634725.90        4.21006  (21012024)
        504771.98   3634725.90        4.30454  (21012617)               504821.98
3634725.90        4.35385  (21012617)
        504871.98   3634725.90        4.87351  (19102623)               504921.98
3634725.90        5.79012  (19102623)
        504971.98   3634725.90        5.74003  (19102623)               505021.98
3634725.90        6.49110  (21122618)
        505071.98   3634725.90        6.21473  (21122618)               505121.98
3634725.90        5.96100  (19030801)
        505171.98   3634725.90        5.80184  (19020919)               505221.98
3634725.90        5.88415  (19020919)
        502221.98   3634775.90        4.24627  (21012024)               502271.98
3634775.90        4.24952  (21012024)
        502321.98   3634775.90        4.21859  (21012024)               502371.98
3634775.90        4.20492  (21012024)
        502421.98   3634775.90        4.19230  (21012024)               502471.98
3634775.90        4.18474  (21012024)
        502521.98   3634775.90        4.19594  (21012024)               502571.98
3634775.90        4.17632  (21012024)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777 , L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785 , L0000786    , L0000787    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

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3634825.90        4.37035  (21012617)
        504871.98   3634825.90        5.75194  (19102623)                504921.98
3634825.90        5.65205  (20102020)
        504971.98   3634825.90        5.91776  (20011620)                505021.98
3634825.90        5.82461  (20092424)
        505071.98   3634825.90        5.63459  (20092424)                505121.98
3634825.90        5.57428  (19030801)
        505171.98   3634825.90        5.22113  (19020919)                505221.98
3634825.90        5.21036  (19020919)
        502221.98   3634875.90        4.12924  (21012024)                502271.98
3634875.90        4.10957  (21012024)
        502321.98   3634875.90        4.10124  (21012024)                502371.98
3634875.90        4.09648  (21012024)
        502421.98   3634875.90        4.08740  (21012024)                502471.98
3634875.90        4.07527  (21012024)
        502521.98   3634875.90        4.06132  (21012024)                502571.98
3634875.90        4.04645  (21012024)
        502621.98   3634875.90        4.03016  (21012024)                502671.98
3634875.90        4.01151  (21012024)
        504771.98   3634875.90        4.02175  (21012617)                504821.98
3634875.90        4.05690  (21012617)
        504871.98   3634875.90        5.73906  (19102623)                504921.98
3634875.90        5.71489  (20102020)
        504971.98   3634875.90        5.68239  (20011620)                505021.98
3634875.90        5.72246  (20092424)
        505071.98   3634875.90        5.54649  (20092424)                505121.98
3634875.90        5.38924  (20092424)
        505171.98   3634875.90        4.93683  (20092424)                505221.98
3634875.90        5.01604  (19020919)
        502221.98   3634925.90        4.06219  (21012024)                502271.98
3634925.90        4.04436  (21012024)
        502321.98   3634925.90        4.03901  (21012024)                502371.98
3634925.90        4.03136  (21012024)
        502421.98   3634925.90        4.02370  (21012024)                502471.98
3634925.90        4.00681  (21012024)
        502521.98   3634925.90        3.99724  (21012024)                502571.98
3634925.90        3.98216  (21012024)
        502621.98   3634925.90        3.96174  (21012024)                502671.98
3634925.90        3.94795  (21012024)
        504771.98   3634925.90        3.92829  (21012617)                504821.98
3634925.90        3.97052  (21012617)
        504871.98   3634925.90        5.08951  (19102623)                504921.98
3634925.90        5.45043  (20102020)
        504971.98   3634925.90        5.49367  (20011620)                505021.98
3634925.90        5.58692  (20092424)
        505071.98   3634925.90        5.45585  (20092424)                505121.98
3634925.90        5.41515  (20092424)
        505171.98   3634925.90        5.14418  (20092424)                505221.98
3634925.90        4.88394  (19020919)
        502221.98   3634975.90        3.99772  (21012024)                502271.98
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 3.90002 | (21012024) | 502671.98 | 3634975.90 | 3.88153 | (21012024) |
| 504821.98 | 3634975.90 | 3.87421 | (21012617) | 504871.98 | 3634975.90 | 4.24392 | (21012617) |
| 504921.98 | 3634975.90 | 5.47716 | (19102623) | 504971.98 | 3634975.90 | 5.40216 | (20102020) |
| 505021.98 | 3634975.90 | 5.42896 | (20092424) | 505071.98 | 3634975.90 | 5.45946 | (20092424) |
| 505121.98 | 3634975.90 | 5.50533 | (20092424) | 505171.98 | 3634975.90 | 5.37817 | (20092424) |
| 505221.98 | 3634975.90 | 5.08825 | (20092424) | 502221.98 | 3635025.90 | 3.93560 | (21012024) |
| 502271.98 | 3635025.90 | 3.92131 | (21012024) | 502321.98 | 3635025.90 | 3.91429 | (21012024) |

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        502371.98   3635025.90        3.90562  (21012024)               502421.98
3635025.90        3.90061  (21012024)
        502471.98   3635025.90        3.89041  (21012024)               502521.98
3635025.90        3.88015  (21012024)
        502571.98   3635025.90        3.86359  (21012024)               502621.98
3635025.90        3.84578  (21012024)
        502671.98   3635025.90        3.82243  (21012024)               504871.98
3635025.90        4.09772  (21012617)
        504921.98   3635025.90        5.45043  (19102623)               504971.98
3635025.90        5.32806  (20110218)
        505021.98   3635025.90        5.19849  (20092424)               505071.98
3635025.90        5.35346  (20092424)
        505121.98   3635025.90        5.46963  (20011620)               505171.98
3635025.90        5.54930  (20011620)
        505221.98   3635025.90        5.40547  (20011620)               502221.98
3635075.90        3.87031  (21012024)
        502271.98   3635075.90        3.85964  (21012024)               502321.98
3635075.90        3.86204  (21012024)
        502371.98   3635075.90        3.85356  (21012024)               502421.98
3635075.90        3.85007  (21012024)
        502471.98   3635075.90        3.84241  (21012024)               502521.98
3635075.90        3.83006  (21012024)
        502571.98   3635075.90        3.81231  (21012024)               502621.98
3635075.90        3.78978  (21012024)
        502671.98   3635075.90        3.77030  (21012024)               504921.98
3635075.90        4.35937  (21012617)
        504971.98   3635075.90        5.03926  (21012617)               505021.98
3635075.90        5.19131  (20110218)
        505071.98   3635075.90        5.21009  (20110218)               505121.98
3635075.90        5.52003  (21090701)
        505171.98   3635075.90        5.38593  (20102020)               505221.98
3635075.90        5.47267  (21090701)
        502221.98   3635125.90        3.81456  (21012024)               502271.98
3635125.90        3.80253  (21012024)
        502321.98   3635125.90        3.80563  (21012024)               502371.98
3635125.90        3.80089  (21012024)
        502421.98   3635125.90        3.79604  (21012024)               502471.98
3635125.90        3.79097  (21012024)
        502521.98   3635125.90        3.77767  (21012024)               502571.98
3635125.90        3.76045  (21012024)
        502621.98   3635125.90        3.74188  (21012024)               502671.98
3635125.90        3.71876  (21012024)
        505021.98   3635125.90        4.94363  (19102623)               505071.98
3635125.90        5.02149  (21012617)
        505121.98   3635125.90        5.11569  (19102623)               505171.98
3635125.90        5.22514  (19102623)
        505221.98   3635125.90        5.05390  (20102020)               502221.98
3635175.90        3.76037  (21012024)
        502271.98   3635175.90        3.75058  (21012024)               502321.98
3635175.90        3.75266  (21012024)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502371.98 | 3635175.90 | 3.75042 | (21012024) | 502421.98 | 3635175.90 | 3.74639 | (21012024) |
| 502471.98 | 3635175.90 | 3.74087 | (21012024) | 502521.98 | 3635175.90 | 3.73214 | (21012024) |
| 502571.98 | 3635175.90 | 3.71499 | (21012024) | 502621.98 | 3635175.90 | 3.69273 | (21012024) |
| 502671.98 | 3635175.90 | 3.67440 | (21012024) | 505121.98 | 3635175.90 | 3.83159 | (21012617) |
| 505171.98 | 3635175.90 | 3.87669 | (21012617) | 505221.98 | 3635175.90 | 4.74379 | (19102623) |
| 502221.98 | 3635225.90 | 3.70594 | (21012024) | 502271.98 | 3635225.90 | 3.70186 | (21012024) |
| 502321.98 | 3635225.90 | 3.69924 | (21012024) | 502371.98 | 3635225.90 | 3.69662 | (21012024) |
| 502421.98 | 3635225.90 | 3.69298 | (21012024) | 502471.98 | 3635225.90 | 3.68710 | (21012024) |
| 502521.98 | 3635225.90 | 3.67716 | (21012024) | 502571.98 | 3635225.90 | 3.66324 | (21012024) |
| 502621.98 | 3635225.90 | 3.64863 | (21012024) | 502671.98 | 3635225.90 | 3.62810 | (21012024) |
| 502221.98 | 3635275.90 | 3.65553 | (21012024) | 502271.98 | | | |

3635275.90 3.65037 (21012024)
502321.98 3635275.90 3.65119 (21012024) 502371.98
3635275.90 3.64929 (21012024)
502421.98 3635275.90 3.64503 (21012024) 502471.98
3635275.90 3.63985 (21012024)
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3635275.90 3.62004 (21012024)
502621.98 3635275.90 3.60508 (21012024) 502671.98
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502221.98 3635325.90 3.60457 (21012024) 502271.98
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3635325.90 3.59450 (21012024)
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3635325.90 3.54816 (21012024)
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502221.98 3635425.90 3.53526 (21012024) 502271.98
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502321.98 3635425.90 3.50499 (21012024) 502371.98
3635425.90 3.53188 (21012024)
502421.98 3635425.90 3.53005 (21012024) 502471.98
3635425.90 3.54618 (21012024)
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3635425.90 3.46196 (21012024)
504771.98 3635425.90 3.09138 (20011620) 502221.98
3635475.90 3.48866 (21012024)
502271.98 3635475.90 3.48191 (21012024) 502321.98
3635475.90 3.48717 (21012024)
502371.98 3635475.90 3.51561 (21012024) 502421.98
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502471.98 3635475.90 3.46700 (21012024) 502521.98
3635475.90 3.47677 (21012024)
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3635475.90 3.43021 (21012024)
502671.98 3635475.90 3.41702 (21012024) 504771.98

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        504821.98   3635475.90        3.04998  (20011620)                504871.98
3635475.90        3.07296  (20011620)
        504921.98   3635475.90        3.07142  (20011620)                502221.98
3635525.90        3.65565  (21012024)
        502271.98   3635525.90        3.45969  (21012024)                502321.98
3635525.90        3.47102  (21012024)
        502371.98   3635525.90        3.47157  (21012024)                502421.98
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        502471.98   3635525.90        3.42301  (21012024)                502521.98
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        502571.98   3635525.90        3.41223  (21012024)                502621.98
3635525.90        3.37876  (21012024)
        502671.98   3635525.90        3.34910  (21012024)                502721.98
3635525.90        3.33516  (21012024)
        502771.98   3635525.90        3.32933  (21012024)                502821.98
3635525.90        3.32480  (21012024)
        502871.98   3635525.90        3.32408  (21012024)                502921.98
3635525.90        3.46286  (21013118)
        502971.98   3635525.90        3.54879  (21013118)                503021.98
3635525.90        3.45635  (21013118)
        503071.98   3635525.90        3.26145  (21012024)                503121.98
3635525.90        3.19342  (21012024)
        503171.98   3635525.90        3.12008  (21012024)                503221.98
3635525.90        3.02702  (21012024)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1045
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 3.03615 | (21013118) | 503321.98 | 3635525.90 | 3.05112 | (21013118) |
| 503371.98 | 3635525.90 | 3.09966 | (21013118) | 503421.98 | 3635525.90 | 3.05963 | (21013118) |
| 503471.98 | 3635525.90 | 3.10461 | (20092821) | 503521.98 | 3635525.90 | 3.49195 | (19022602) |
| 503571.98 | 3635525.90 | 2.97440 | (21013118) | 503621.98 | 3635525.90 | 2.95634 | (21013118) |
| 503671.98 | 3635525.90 | 2.94259 | (21013118) | 503721.98 | 3635525.90 | 2.93846 | (21013118) |
| 503771.98 | 3635525.90 | 2.92911 | (21013118) | 503821.98 | 3635525.90 | 2.91069 | (21013118) |
| 503871.98 | 3635525.90 | 2.92413 | (21013118) | 503921.98 | 3635525.90 | 2.92542 | (21013118) |
| 503971.98 | 3635525.90 | 2.92696 | (21013118) | 504021.98 | 3635525.90 | 2.93647 | (21013118) |
| 504071.98 | 3635525.90 | 2.92471 | (21013118) | 504121.98 | 3635525.90 | 2.90150 | (21013118) |
| 504171.98 | 3635525.90 | 2.85805 | (21013118) | 504221.98 | 3635525.90 | 2.77726 | (21013118) |
| 504271.98 | 3635525.90 | 2.66994 | (21013118) | 504321.98 | 3635525.90 | 2.73197 | (20011620) |
| 504371.98 | 3635525.90 | 2.79653 | (20011620) | 504421.98 | 3635525.90 | 2.84990 | (20011620) |
| 504471.98 | 3635525.90 | 2.89269 | (20011620) | 504521.98 | 3635525.90 | 2.92659 | (20011620) |
| 504571.98 | 3635525.90 | 2.95340 | (20011620) | 504621.98 | 3635525.90 | 2.97275 | (20011620) |
| 504671.98 | 3635525.90 | 2.98646 | (20011620) | 504721.98 | 3635525.90 | 3.01903 | (20011620) |
| 504771.98 | 3635525.90 | 3.02557 | (20011620) | 504821.98 | 3635525.90 | 3.03060 | (20011620) |
| 504871.98 | 3635525.90 | 3.05416 | (20011620) | 504921.98 | 3635525.90 | 3.00952 | (20011620) |
| 504971.98 | 3635525.90 | 3.03092 | (20011620) | 505021.98 | 3635525.90 | 3.05171 | (20011620) |
| 505071.98 | 3635525.90 | 3.04722 | (20011620) | 505121.98 | 3635525.90 | 3.04133 | (20011620) |
| 505171.98 | 3635525.90 | 3.02715 | (20011620) | 505221.98 | 3635525.90 | 3.03304 | (21012617) |
| 502221.98 | 3635575.90 | 3.75641 | (21012024) | 502271.98 | 3635575.90 | 3.42279 | (21012024) |
| 502321.98 | 3635575.90 | 3.42839 | (21012024) | 502371.98 | 3635575.90 | 3.41795 | (21012024) |
| 502421.98 | 3635575.90 | 3.37353 | (21012024) | 502471.98 | 3635575.90 | 3.36709 | (21012024) |

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        502521.98   3635575.90        3.37857  (21012024)                502571.98
3635575.90        3.34977  (21012024)
        502621.98   3635575.90        3.32111  (21012024)                502671.98
3635575.90        3.34806  (20092001)
        502721.98   3635575.90        3.61947  (20092001)                502771.98
3635575.90        3.35550  (20092001)
        502821.98   3635575.90        3.28181  (21012024)                502871.98
3635575.90        3.33174  (21013118)
        502921.98   3635575.90        3.52897  (21013118)                502971.98
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        503021.98   3635575.90        3.82360  (21013118)                503071.98
3635575.90        3.22005  (21012024)
        503121.98   3635575.90        3.14673  (21012024)                503171.98
3635575.90        3.07019  (21012024)
        503221.98   3635575.90        3.57648  (21013118)                503271.98
3635575.90        4.07977  (20121721)
        503321.98   3635575.90        3.99664  (20121721)                503371.98
3635575.90        4.11480  (20092821)
        503421.98   3635575.90        4.06842  (20092821)                503471.98
3635575.90        4.48146  (20092821)
        503521.98   3635575.90        4.42331  (19022602)                503571.98
3635575.90        3.89911  (19022602)
        503621.98   3635575.90        2.91925  (21013118)                503671.98
3635575.90        2.92471  (21013118)
        503721.98   3635575.90        2.90673  (21013118)                503771.98
3635575.90        2.88701  (21013118)
        503821.98   3635575.90        2.88696  (21013118)                503871.98
3635575.90        2.88162  (21013118)
        503921.98   3635575.90        2.88254  (21013118)                503971.98
3635575.90        2.88566  (21013118)
        504021.98   3635575.90        2.89162  (21013118)                504071.98
3635575.90        2.88541  (21013118)
        504121.98   3635575.90        2.86865  (21013118)                504171.98
3635575.90        2.83202  (21013118)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1046
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
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L0000781 , L0000782 , L0000783 , L0000784 , L0000785
, L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504221.98 | 3635575.90 | 2.76595 | (21013118) | 504271.98 | 3635575.90 | 2.66323 | (21013118) |
| 504321.98 | 3635575.90 | 2.62228 | (20011620) | 504371.98 | 3635575.90 | 2.69653 | (20011620) |
| 504421.98 | 3635575.90 | 2.75910 | (20011620) | 504471.98 | 3635575.90 | 2.81037 | (20011620) |
| 504521.98 | 3635575.90 | 2.85241 | (20011620) | 504571.98 | 3635575.90 | 2.88515 | (20011620) |
| 504621.98 | 3635575.90 | 2.91140 | (20011620) | 504671.98 | 3635575.90 | 2.93029 | (20011620) |
| 504721.98 | 3635575.90 | 2.94399 | (20011620) | 504771.98 | 3635575.90 | 2.97559 | (20011620) |
| 504821.98 | 3635575.90 | 2.98489 | (20011620) | 504871.98 | 3635575.90 | 2.98768 | (20011620) |
| 504921.98 | 3635575.90 | 2.96601 | (20011620) | 504971.98 | 3635575.90 | 2.99020 | (20011620) |
| 505021.98 | 3635575.90 | 3.01183 | (20011620) | 505071.98 | 3635575.90 | 3.01023 | (20011620) |
| 505121.98 | 3635575.90 | 3.23145 | (21012617) | 505171.98 | 3635575.90 | 2.99866 | (20011620) |
| 505221.98 | 3635575.90 | 3.04117 | (21012617) | 502221.98 | 3635625.90 | 3.98566 | (21061222) |
| 502271.98 | 3635625.90 | 3.52953 | (21012024) | 502321.98 | 3635625.90 | 3.41848 | (21012024) |
| 502371.98 | 3635625.90 | 3.35802 | (21012024) | 502421.98 | 3635625.90 | 4.11978 | (19122420) |
| 502471.98 | 3635625.90 | 4.25937 | (19122420) | 502521.98 | 3635625.90 | 4.19147 | (19122420) |
| 502571.98 | 3635625.90 | 3.37479 | (19122420) | 502621.98 | 3635625.90 | 3.27781 | (21012024) |
| 502671.98 | 3635625.90 | 3.45208 | (20092001) | 502721.98 | 3635625.90 | 3.87279 | (20092001) |
| 502771.98 | 3635625.90 | 3.86088 | (20092001) | 502821.98 | 3635625.90 | 3.96626 | (21060422) |
| 502871.98 | 3635625.90 | 4.18733 | (21060422) | 502921.98 | 3635625.90 | 4.26461 | (21060422) |
| 502971.98 | 3635625.90 | 4.28043 | (21060422) | 503021.98 | | | |

3635625.90  4.23025  (21060422)
  503071.98  3635625.90  4.25951  (21013118)  503121.98
3635625.90  4.29655  (19012903)
  503171.98  3635625.90  4.54348  (20121721)  503221.98
3635625.90  4.74120  (20121721)
  503271.98  3635625.90  4.76329  (20121721)  503321.98
3635625.90  4.74570  (20121721)
  503371.98  3635625.90  4.54229  (20121721)  503421.98
3635625.90  4.52497  (20092821)
  503471.98  3635625.90  4.64722  (20092821)  503521.98
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  503571.98  3635625.90  4.43535  (19022602)  503621.98
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  503671.98  3635625.90  3.50626  (19022602)  503721.98
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3635625.90  2.85026  (21013118)
  503971.98  3635625.90  2.85138  (21013118)  504021.98
3635625.90  2.85456  (21013118)
  504071.98  3635625.90  2.84891  (21013118)  504121.98
3635625.90  2.83527  (21013118)
  504171.98  3635625.90  2.80429  (21013118)  504221.98
3635625.90  2.74984  (21013118)
  504271.98  3635625.90  2.66205  (21013118)  504321.98
3635625.90  2.53499  (21013118)
  504371.98  3635625.90  2.59048  (20011620)  504421.98
3635625.90  2.66234  (20011620)
  504471.98  3635625.90  2.72261  (20011620)  504521.98
3635625.90  2.77268  (20011620)
  504571.98  3635625.90  2.81290  (20011620)  504621.98
3635625.90  2.84539  (20011620)
  504671.98  3635625.90  2.87018  (20011620)  504721.98
3635625.90  2.88915  (20011620)
  504771.98  3635625.90  2.92338  (20011620)  504821.98
3635625.90  2.93603  (20011620)
  504871.98  3635625.90  2.94202  (20011620)  504921.98
3635625.90  2.92284  (20011620)
  504971.98  3635625.90  2.94981  (20011620)  505021.98
3635625.90  2.92925  (20011620)
  505071.98  3635625.90  2.93197  (20011620)  505121.98
3635625.90  2.97021  (20011620)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505171.98 | 3635625.90 | 2.96328 | (20011620) | 505221.98 | 3635625.90 | 2.95625 | (20011620) |
| 502221.98 | 3635675.90 | 4.34612 | (19122420) | 502271.98 | 3635675.90 | 3.98999 | (19122420) |
| 502321.98 | 3635675.90 | 4.14377 | (19122420) | 502371.98 | 3635675.90 | 4.12723 | (19122420) |
| 502421.98 | 3635675.90 | 4.41525 | (19122420) | 502471.98 | 3635675.90 | 4.43260 | (19122420) |
| 502521.98 | 3635675.90 | 4.34768 | (19122420) | 502571.98 | 3635675.90 | 3.93083 | (19122420) |
| 502621.98 | 3635675.90 | 3.47281 | (19122420) | 502671.98 | 3635675.90 | 3.60023 | (20092001) |
| 502721.98 | 3635675.90 | 4.07508 | (20092001) | 502771.98 | 3635675.90 | 4.47344 | (20092001) |
| 502821.98 | 3635675.90 | 4.47922 | (20092001) | 502871.98 | 3635675.90 | 4.55492 | (21060422) |
| 502921.98 | 3635675.90 | 4.46730 | (21060422) | 502971.98 | 3635675.90 | 4.49156 | (21060422) |
| 503021.98 | 3635675.90 | 4.40154 | (21060422) | 503071.98 | 3635675.90 | 4.40772 | (21060422) |
| 503121.98 | 3635675.90 | 4.41232 | (21013118) | 503171.98 | 3635675.90 | 4.41728 | (21013118) |
| 503221.98 | 3635675.90 | 4.47163 | (20121721) | 503271.98 | 3635675.90 | 4.50934 | (20121721) |
| 503321.98 | 3635675.90 | 4.48611 | (20121721) | 503371.98 | 3635675.90 | 4.54097 | (20121721) |
| 503421.98 | 3635675.90 | 4.60516 | (20121721) | 503471.98 | 3635675.90 | 4.55895 | (20121721) |

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        503521.98   3635675.90        4.52001  (20121721)              503571.98
3635675.90        4.51008  (19022602)
        503621.98   3635675.90        4.25039  (19022602)              503671.98
3635675.90        3.90094  (19022602)
        503721.98   3635675.90        3.98560  (19022602)              503771.98
3635675.90        3.83944  (19022602)
        503821.98   3635675.90        3.33628  (21121422)              503871.98
3635675.90        2.79197  (21013118)
        503921.98   3635675.90        2.96905  (21121422)              503971.98
3635675.90        2.80188  (21013118)
        504021.98   3635675.90        2.81710  (21013118)              504071.98
3635675.90        2.81530  (21013118)
        504121.98   3635675.90        2.80220  (21013118)              504171.98
3635675.90        2.77581  (21013118)
        504221.98   3635675.90        2.72825  (21013118)              504271.98
3635675.90        2.65279  (21013118)
        504321.98   3635675.90        2.54186  (21013118)              504371.98
3635675.90        2.47923  (20011620)
        504421.98   3635675.90        2.55961  (20011620)              504471.98
3635675.90        2.62912  (20011620)
        504521.98   3635675.90        2.68785  (20011620)              504571.98
3635675.90        2.73589  (20011620)
        504621.98   3635675.90        2.77574  (20011620)              504671.98
3635675.90        2.80667  (20011620)
        504721.98   3635675.90        2.83084  (20011620)              504771.98
3635675.90        2.89217  (20011620)
        504821.98   3635675.90        2.88475  (20011620)              504871.98
3635675.90        2.89467  (20011620)
        504921.98   3635675.90        2.87915  (20011620)              504971.98
3635675.90        2.90823  (20011620)
        505021.98   3635675.90        2.90920  (20011620)              505071.98
3635675.90        2.89137  (20011620)
        505121.98   3635675.90        2.93370  (20011620)              505171.98
3635675.90        2.93042  (20011620)
        505221.98   3635675.90        2.92316  (20011620)              502221.98
3635725.90        4.28442  (19122420)
        502271.98   3635725.90        4.25966  (19122420)              502321.98
3635725.90        4.18536  (19122420)
        502371.98   3635725.90        4.12552  (19122420)              502421.98
3635725.90        4.45343  (19122420)
        502471.98   3635725.90        4.46777  (19122420)              502521.98
3635725.90        4.50523  (19122420)
        502571.98   3635725.90        4.01495  (19122420)              502621.98
3635725.90        3.56165  (19122420)
        502671.98   3635725.90        3.84068  (20092001)              502721.98
3635725.90        4.18918  (20092001)
        502771.98   3635725.90        4.48256  (20092001)              502821.98
3635725.90        4.48236  (20092001)
        502871.98   3635725.90        4.48999  (21060422)              502921.98
3635725.90        4.24864  (20092001)
```

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503071.98   3635725.90        4.35600  (21013118)                503121.98
3635725.90        4.36312  (21013118)
        503171.98   3635725.90        4.36441  (21013118)                503221.98
3635725.90        4.37338  (21013118)
        503271.98   3635725.90        4.36097  (21013118)                503321.98
3635725.90        4.35098  (21013118)
        503371.98   3635725.90        4.32077  (21013118)                503421.98
3635725.90        4.43796  (20121721)
        503471.98   3635725.90        4.48295  (20121721)                503521.98
3635725.90        4.47256  (20121721)
        503571.98   3635725.90        4.44246  (20092821)                503621.98
3635725.90        4.42461  (19022602)
        503671.98   3635725.90        4.10832  (19022602)                503721.98
3635725.90        4.27661  (19022602)
        503771.98   3635725.90        4.11536  (19022602)                503821.98
3635725.90        3.55258  (21121422)
        503871.98   3635725.90        2.90225  (21121422)                503921.98
3635725.90        3.08752  (21121422)
        503971.98   3635725.90        2.92164  (21121422)                504021.98

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3635725.90        2.78009  (21013118)
        504071.98   3635725.90        2.78043  (21013118)                504121.98
3635725.90        2.77132  (21013118)
        504171.98   3635725.90        2.74915  (21013118)                504221.98
3635725.90        2.71020  (21013118)
        504271.98   3635725.90        2.64346  (21013118)                504321.98
3635725.90        2.54282  (21013118)
        504371.98   3635725.90        2.41131  (21013118)                504421.98
3635725.90        2.45211  (20011620)
        504471.98   3635725.90        2.53009  (20011620)                504521.98
3635725.90        2.59715  (20011620)
        504571.98   3635725.90        2.65357  (20011620)                504621.98
3635725.90        2.70070  (20011620)
        504671.98   3635725.90        2.73908  (20011620)                504721.98
3635725.90        2.76911  (20011620)
        504771.98   3635725.90        2.79275  (20011620)                504821.98
3635725.90        2.81127  (20011620)
        504871.98   3635725.90        2.82436  (20011620)                504921.98
3635725.90        2.83409  (20011620)
        504971.98   3635725.90        2.86516  (20011620)                505021.98
3635725.90        2.89282  (20011620)
        505071.98   3635725.90        2.87100  (20011620)                505121.98
3635725.90        2.89737  (20011620)
        505171.98   3635725.90        2.89552  (20011620)                505221.98
3635725.90        2.89042  (20011620)
        502221.98   3635775.90        4.16366  (19122420)                502271.98
3635775.90        4.27438  (19122420)
        502321.98   3635775.90        4.28310  (19122420)                502371.98
3635775.90        4.20750  (19122420)
        502421.98   3635775.90        4.44156  (19122420)                502471.98
3635775.90        4.49112  (19122420)
        502521.98   3635775.90        4.50319  (19122420)                502571.98
3635775.90        4.37845  (19122420)
        502621.98   3635775.90        4.18834  (19122420)                502671.98
3635775.90        4.21268  (20092001)
        502721.98   3635775.90        4.21993  (20092001)                502771.98
3635775.90        4.34182  (20092001)
        502821.98   3635775.90        4.43056  (20092001)                502871.98
3635775.90        4.39631  (21060422)
        502921.98   3635775.90        4.22978  (19122420)                502971.98
3635775.90        4.24742  (19122420)
        503021.98   3635775.90        4.33708  (19122420)                503071.98
3635775.90        4.30760  (19122420)
        503121.98   3635775.90        4.29893  (21013118)                503171.98
3635775.90        4.31186  (21013118)
        503221.98   3635775.90        4.20411  (21013118)                503271.98
3635775.90        4.14131  (21013118)
        503321.98   3635775.90        4.20688  (21013118)                503371.98
3635775.90        4.29554  (21013118)
        503421.98   3635775.90        4.26179  (21013118)                503471.98
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3635775.90  4.20036  (20121721)
  503521.98  3635775.90  4.19441  (21013118)  503571.98
3635775.90  4.36008  (20121721)
  503621.98  3635775.90  4.38973  (20092821)  503671.98
3635775.90  4.40916  (19022602)
  503721.98  3635775.90  4.21625  (19022602)  503771.98
3635775.90  4.24405  (19022602)
  503821.98  3635775.90  3.93331  (19022602)  503871.98
3635775.90  3.94674  (21121422)
  503921.98  3635775.90  4.32981  (21121422)  503971.98
3635775.90  4.02383  (21121422)


*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 2.73996 | (21013118) | 504071.98 | 3635775.90 | 2.73340 | (21013118) |
| 504121.98 | 3635775.90 | 2.73969 | (21013118) | 504171.98 | 3635775.90 | 2.72197 | (21013118) |
| 504221.98 | 3635775.90 | 2.68903 | (21013118) | 504271.98 | 3635775.90 | 2.63136 | (21013118) |
| 504321.98 | 3635775.90 | 2.54203 | (21013118) | 504371.98 | 3635775.90 | 2.42239 | (21013118) |
| 504421.98 | 3635775.90 | 2.33995 | (20011620) | 504471.98 | 3635775.90 | 2.42588 | (20011620) |

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        504521.98   3635775.90        2.50107  (20011620)               504571.98
3635775.90        2.56568  (20011620)
        504621.98   3635775.90        2.62059  (20011620)               504671.98
3635775.90        2.66610  (20011620)
        504721.98   3635775.90        2.70309  (20011620)               504771.98
3635775.90        2.73283  (20011620)
        504821.98   3635775.90        2.75604  (20011620)               504871.98
3635775.90        2.77383  (20011620)
        504921.98   3635775.90        2.78719  (20011620)               504971.98
3635775.90        2.82107  (20011620)
        505021.98   3635775.90        2.85155  (20011620)               505071.98
3635775.90        2.83158  (20011620)
        505121.98   3635775.90        2.85711  (20011620)               505171.98
3635775.90        2.85885  (20011620)
        505221.98   3635775.90        2.85774  (20011620)               502221.98
3635825.90        4.02645  (19122420)
        502271.98   3635825.90        4.24107  (19122420)               502321.98
3635825.90        4.29306  (19122420)
        502371.98   3635825.90        4.20908  (19122420)               502421.98
3635825.90        4.42728  (19122420)
        502471.98   3635825.90        4.45897  (19122420)               502521.98
3635825.90        4.47006  (19122420)
        502571.98   3635825.90        4.41241  (19122420)               502621.98
3635825.90        4.27330  (19122420)
        502671.98   3635825.90        4.18832  (20092001)               502721.98
3635825.90        4.33238  (20092001)
        502771.98   3635825.90        4.37473  (20092001)               502821.98
3635825.90        4.37836  (20092001)
        502871.98   3635825.90        4.30843  (20092001)               502921.98
3635825.90        4.27347  (19122420)
        502971.98   3635825.90        4.24035  (19122420)               503021.98
3635825.90        4.18286  (21013118)
        503071.98   3635825.90        4.18619  (21013118)               503121.98
3635825.90        4.21721  (19122420)
        503171.98   3635825.90        4.23691  (21013118)               503221.98
3635825.90        4.06242  (21013118)
        503271.98   3635825.90        4.04076  (21013118)               503321.98
3635825.90        4.11280  (21013118)
        503371.98   3635825.90        4.23982  (21013118)               503421.98
3635825.90        4.25006  (21013118)
        503471.98   3635825.90        4.20941  (21013118)               503521.98
3635825.90        4.18861  (21013118)
        503571.98   3635825.90        4.20088  (21013118)               503621.98
3635825.90        4.07369  (21013118)
        503671.98   3635825.90        4.32429  (20092821)               503721.98
3635825.90        4.38285  (19022602)
        503771.98   3635825.90        4.29673  (19022602)               503821.98
3635825.90        4.23691  (19022602)
        503871.98   3635825.90        4.07398  (19022602)               503921.98
3635825.90        4.28629  (21121422)
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        503971.98   3635825.90        4.37810  (21121422)               504021.98
3635825.90        2.94623  (21121422)
        504071.98   3635825.90        3.72837  (21121422)               504121.98
3635825.90        3.32721  (21121422)
        504171.98   3635825.90        2.68048  (21013118)               504221.98
3635825.90        2.65624  (21013118)
        504271.98   3635825.90        2.60325  (21013118)               504321.98
3635825.90        2.53604  (21013118)
        504371.98   3635825.90        2.43051  (21013118)               504421.98
3635825.90        2.29106  (21013118)
        504471.98   3635825.90        2.31609  (20011620)               504521.98
3635825.90        2.40025  (20011620)
        504571.98   3635825.90        2.47478  (20011620)               504621.98
3635825.90        2.53954  (20011620)
        504671.98   3635825.90        2.58834  (20011620)               504721.98
3635825.90        2.63229  (20011620)
        504771.98   3635825.90        2.66842  (20011620)               504821.98
3635825.90        2.69762  (20011620)
        504871.98   3635825.90        2.72053  (20011620)               504921.98
3635825.90        2.73805  (20011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1050
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        504971.98   3635825.90        2.77211  (20011620)               505021.98
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3635825.90        2.78406  (20011620)
        505071.98   3635825.90        2.81316  (20011620)                505121.98
3635825.90        2.81709  (20011620)
        505171.98   3635825.90        2.82270  (20011620)                505221.98
3635825.90        2.82396  (20011620)
        502221.98   3635875.90        4.01216  (19072223)                502271.98
3635875.90        4.17785  (19122420)
        502321.98   3635875.90        4.21470  (19122420)                502371.98
3635875.90        4.22062  (19122420)
        502421.98   3635875.90        4.38438  (19122420)                502471.98
3635875.90        4.41501  (19122420)
        502521.98   3635875.90        4.41347  (19122420)                502571.98
3635875.90        4.39563  (19122420)
        502621.98   3635875.90        4.35573  (19122420)                502671.98
3635875.90        4.29105  (20092001)
        502721.98   3635875.90        4.32859  (20092001)                502771.98
3635875.90        4.34302  (20092001)
        502821.98   3635875.90        4.28690  (20092001)                502871.98
3635875.90        4.19163  (20092001)
        502921.98   3635875.90        4.14801  (19122420)                502971.98
3635875.90        4.20797  (19122420)
        503021.98   3635875.90        4.09803  (21013118)                503071.98
3635875.90        4.10650  (21013118)
        503121.98   3635875.90        4.12616  (21013118)                503171.98
3635875.90        4.15889  (21013118)
        503221.98   3635875.90        4.11779  (21013118)                503271.98
3635875.90        4.05708  (21013118)
        503321.98   3635875.90        4.15740  (21013118)                503371.98
3635875.90        4.17648  (21013118)
        503421.98   3635875.90        4.20471  (21013118)                503471.98
3635875.90        4.19883  (21013118)
        503521.98   3635875.90        4.12950  (19122420)                503571.98
3635875.90        4.15137  (21013118)
        503621.98   3635875.90        4.03994  (21013118)                503671.98
3635875.90        4.27625  (20092821)
        503721.98   3635875.90        4.29853  (19022602)                503771.98
3635875.90        4.31881  (19022602)
        503821.98   3635875.90        4.31736  (19022602)                503871.98
3635875.90        4.28100  (21121422)
        503921.98   3635875.90        4.34607  (21121422)                503971.98
3635875.90        4.37055  (21121422)
        504021.98   3635875.90        3.86771  (21121422)                504071.98
3635875.90        4.23444  (21121422)
        504121.98   3635875.90        3.96900  (21121422)                504171.98
3635875.90        3.37485  (21121422)
        504221.98   3635875.90        3.35262  (21121422)                504271.98
3635875.90        3.20879  (21061321)
        504321.98   3635875.90        2.51560  (21013118)                504371.98
3635875.90        2.42387  (21013118)
        504421.98   3635875.90        2.38593  (20011620)                504471.98
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3635875.90        2.20024  (20011620)
        504521.98   3635875.90        2.29260  (20011620)                504571.98
3635875.90        2.37578  (20011620)
        504621.98   3635875.90        2.44762  (20011620)                504671.98
3635875.90        2.51046  (20011620)
        504721.98   3635875.90        2.55686  (20011620)                504771.98
3635875.90        2.59977  (20011620)
        504821.98   3635875.90        2.63511  (20011620)                504871.98
3635875.90        2.66342  (20011620)
        504921.98   3635875.90        2.68585  (20011620)                504971.98
3635875.90        2.72409  (20011620)
        505021.98   3635875.90        2.73742  (20011620)                505071.98
3635875.90        2.74771  (20011620)
        505121.98   3635875.90        2.77667  (20011620)                505171.98
3635875.90        2.78358  (20011620)
        505221.98   3635875.90        2.78885  (20011620)                502221.98
3635925.90        4.01178  (19072223)
        502271.98   3635925.90        4.11394  (19122420)                502321.98
3635925.90        4.21518  (19122420)
        502371.98   3635925.90        4.21694  (19122420)                502421.98
3635925.90        4.33318  (19122420)
        502471.98   3635925.90        4.35712  (19122420)                502521.98
3635925.90        4.32623  (19122420)
        502571.98   3635925.90        4.32964  (19122420)                502621.98
3635925.90        4.30860  (19122420)
        502671.98   3635925.90        4.27073  (19122420)                502721.98
3635925.90        4.23877  (20092001)
        502771.98   3635925.90        4.25706  (20092001)                502821.98
3635925.90        4.17166  (19122420)
```



*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
L0000773    , L0000774    , L0000775    , L0000776    , L0000777 , L0000778    , L0000779    , L0000780    ,
L0000781    , L0000782    , L0000783    , L0000784    , L0000785 , L0000786    , L0000787    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 4.11177 | (19122420) | 502921.98 | 3635925.90 | 4.02364 | (19122420) |
| 502971.98 | 3635925.90 | 4.05731 | (19122420) | 503021.98 | 3635925.90 | 4.02217 | (21013118) |
| 503071.98 | 3635925.90 | 4.02854 | (21013118) | 503121.98 | 3635925.90 | 4.05026 | (21013118) |
| 503171.98 | 3635925.90 | 4.06292 | (21013118) | 503221.98 | 3635925.90 | 4.04210 | (21013118) |
| 503271.98 | 3635925.90 | 4.05490 | (21013118) | 503321.98 | 3635925.90 | 4.10025 | (21013118) |
| 503371.98 | 3635925.90 | 4.13162 | (21013118) | 503421.98 | 3635925.90 | 4.14887 | (21013118) |
| 503471.98 | 3635925.90 | 4.05669 | (21013118) | 503521.98 | 3635925.90 | 4.05936 | (19122420) |
| 503571.98 | 3635925.90 | 4.07737 | (21013118) | 503621.98 | 3635925.90 | 3.94968 | (20121721) |
| 503671.98 | 3635925.90 | 4.20481 | (20121721) | 503721.98 | 3635925.90 | 4.17246 | (20092821) |
| 503771.98 | 3635925.90 | 4.21041 | (19022602) | 503821.98 | 3635925.90 | 4.25012 | (19022602) |
| 503871.98 | 3635925.90 | 4.24908 | (19022602) | 503921.98 | 3635925.90 | 4.24232 | (21121422) |
| 503971.98 | 3635925.90 | 4.32204 | (21121422) | 504021.98 | 3635925.90 | 4.23592 | (21121422) |
| 504071.98 | 3635925.90 | 4.27832 | (21121422) | 504121.98 | 3635925.90 | 4.26013 | (21121422) |
| 504171.98 | 3635925.90 | 4.17404 | (21121422) | 504221.98 | 3635925.90 | 4.07790 | (21121422) |
| 504271.98 | 3635925.90 | 3.77315 | (21121422) | 504321.98 | 3635925.90 | 3.24878 | (21061321) |
| 504371.98 | 3635925.90 | 3.19842 | (21061321) | 504421.98 | 3635925.90 | 3.09450 | (21061321) |
| 504471.98 | 3635925.90 | 2.70282 | (20011620) | 504521.98 | 3635925.90 | 2.62048 | (20011620) |
| 504571.98 | 3635925.90 | 2.34434 | (20011620) | 504621.98 | 3635925.90 | 2.35113 | (20011620) |
| 504671.98 | 3635925.90 | 2.42371 | (20011620) | 504721.98 | 3635925.90 | 2.48218 | (20011620) |
| 504771.98 | 3635925.90 | 2.52667 | (20011620) | 504821.98 | 3635925.90 | 2.56819 | (20011620) |
| 504871.98 | 3635925.90 | 2.60248 | (20011620) | 504921.98 | 3635925.90 | 2.63018 | (20011620) |

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        504971.98   3635925.90        2.68809  (20011620)               505021.98
3635925.90        2.71146  (20011620)
        505071.98   3635925.90        2.72804  (20011620)               505121.98
3635925.90        2.73590  (20011620)
        505171.98   3635925.90        2.74388  (20011620)               505221.98
3635925.90        2.84195  (20011620)
        502221.98   3635975.90        4.02023  (19072223)               502271.98
3635975.90        3.96062  (19122420)
        502321.98   3635975.90        4.12004  (19122420)               502371.98
3635975.90        4.22462  (19122420)
        502421.98   3635975.90        4.26664  (19122420)               502471.98
3635975.90        4.28387  (19122420)
        502521.98   3635975.90        4.23763  (19122420)               502571.98
3635975.90        4.27921  (19122420)
        502621.98   3635975.90        4.25766  (19122420)               502671.98
3635975.90        4.22884  (19122420)
        502721.98   3635975.90        4.21831  (19122420)               502771.98
3635975.90        4.20518  (19122420)
        502821.98   3635975.90        4.15450  (19122420)               502871.98
3635975.90        4.11246  (19122420)
        502921.98   3635975.90        3.93834  (19122420)               502971.98
3635975.90        3.97798  (19122420)
        503021.98   3635975.90        3.95285  (21013118)               503071.98
3635975.90        3.98592  (21013118)
        503121.98   3635975.90        3.98790  (21013118)               503171.98
3635975.90        3.99730  (21013118)
        503221.98   3635975.90        3.99840  (21013118)               503271.98
3635975.90        4.03441  (21013118)
        503321.98   3635975.90        4.06097  (21013118)               503371.98
3635975.90        4.11125  (21013118)
        503421.98   3635975.90        4.01263  (21013118)               503471.98
3635975.90        3.94861  (19122420)
        503521.98   3635975.90        3.97926  (21013118)               503571.98
3635975.90        4.09471  (21013118)
        503621.98   3635975.90        3.91397  (20121721)               503671.98
3635975.90        4.09031  (20121721)
        503721.98   3635975.90        4.11029  (20121721)               503771.98
3635975.90        4.12401  (20092821)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1052
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
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                L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503821.98   3635975.90        4.13895  (19022602)               503871.98
3635975.90        4.20171  (19022602)
        503921.98   3635975.90        4.16955  (19022602)               503971.98
3635975.90        4.22246  (21121422)
        504021.98   3635975.90        4.28092  (21121422)               504071.98
3635975.90        4.28325  (21121422)
        504121.98   3635975.90        4.25293  (21121422)               504171.98
3635975.90        4.20133  (21121422)
        504221.98   3635975.90        4.18290  (21121422)               504271.98
3635975.90        4.03173  (21121422)
        504321.98   3635975.90        3.75975  (21121422)               504371.98
3635975.90        3.72427  (21061321)
        504421.98   3635975.90        3.71617  (21061321)               504471.98
3635975.90        3.55050  (21061321)
        504521.98   3635975.90        3.29853  (21061321)               504571.98
3635975.90        3.15294  (21090701)
        504621.98   3635975.90        3.26092  (21090701)               504671.98
3635975.90        2.97820  (20011620)
        504721.98   3635975.90        2.91169  (20011620)               504771.98
3635975.90        2.55023  (20011620)
        504821.98   3635975.90        2.50590  (20011620)               504871.98
3635975.90        2.54824  (20011620)
        504921.98   3635975.90        2.57098  (20011620)               504971.98
3635975.90        2.63015  (20011620)
        505021.98   3635975.90        2.65829  (20011620)               505071.98
3635975.90        2.68011  (20011620)
        505121.98   3635975.90        2.69456  (20011620)               505171.98
3635975.90        2.70605  (20011620)
        505221.98   3635975.90        2.71142  (20011620)               501721.98
3632475.90       19.31537  (21012320)
        501821.98   3632475.90       19.28480  (21012320)               501921.98
3632475.90       19.14877  (21012320)
        502021.98   3632475.90       20.65354  (20081805)               502121.98
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3632475.90       21.94701  (20081805)
        502221.98   3632475.90       22.43877  (20081603)                502321.98
3632475.90       22.78188  (20081603)
        502421.98   3632475.90       22.96404  (20081603)                502521.98
3632475.90       23.04535  (20081603)
        502621.98   3632475.90       23.18758  (20081603)                502721.98
3632475.90       23.47466  (21020221)
        502821.98   3632475.90       23.95140  (21020221)                502921.98
3632475.90       24.27910  (19011606)
        503021.98   3632475.90       25.50746  (21010422)                503121.98
3632475.90       33.00972  (20090623)
        503221.98   3632475.90       28.77105  (21022220)                503321.98
3632475.90       38.37574  (20080102)
        503421.98   3632475.90       38.74103  (20080102)                503721.98
3632475.90       37.03708  (20020703)
        503821.98   3632475.90       31.92108  (21121518)                503921.98
3632475.90       27.41411  (21121518)
        504021.98   3632475.90       23.88816  (21122121)                504121.98
3632475.90       23.78698  (20121803)
        504221.98   3632475.90       23.40327  (20121803)                504321.98
3632475.90       22.97235  (21122201)
        504421.98   3632475.90       22.37496  (21122201)                504521.98
3632475.90       22.83214  (19021906)
        504621.98   3632475.90       21.00997  (19021906)                504721.98
3632475.90       20.20549  (20031603)
        504821.98   3632475.90       19.70312  (20031603)                504921.98
3632475.90       19.02225  (20031603)
        505021.98   3632475.90       18.69841  (20013123)                505121.98
3632475.90       18.25899  (20013123)
        505221.98   3632475.90       17.71402  (20013123)                505321.98
3632475.90       16.97830  (20013123)
        505421.98   3632475.90       16.17022  (20013123)                505521.98
3632475.90       15.50693  (21121920)
        505621.98   3632475.90       15.13402  (21121920)                505721.98
3632475.90       14.54671  (21121920)
        501721.98   3632575.90       26.57265  (21012320)                501821.98
3632575.90       26.73451  (21012320)
        501921.98   3632575.90       28.75701  (20081805)                502021.98
3632575.90       30.57634  (20081603)
        502121.98   3632575.90       31.61702  (20081603)                502221.98
3632575.90       31.97787  (20081603)
        502321.98   3632575.90       32.31760  (20081603)                502421.98
3632575.90       32.51281  (20081603)
        502521.98   3632575.90       32.74631  (19011606)                502621.98
3632575.90       33.17294  (21010422)
        502721.98   3632575.90       34.03177  (21010422)                502821.98
3632575.90       34.73093  (21022220)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  SigA Data

*** THE  1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW  ***
INCLUDING SOURCE(S):  L0000760  , L0000761 , L0000762  , L0000763  , L0000764  ,
L0000765  , L0000766  , L0000767  , L0000768  , L0000769 , L0000770  , L0000771  , L0000772  ,
L0000773  , L0000774  , L0000775  , L0000776  , L0000777 , L0000778  , L0000779  , L0000780  ,
L0000781  , L0000782  , L0000783  , L0000784  , L0000785 , L0000786  , L0000787  ,  . . .  ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10  IN MICROGRAMS/M**3  **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502921.98 | 3632575.90 | 35.79072 | (21022220) | 503021.98 | 3632575.90 | 37.95334 | (21022220) |
| 503121.98 | 3632575.90 | 40.47307 | (21022220) | 503221.98 | 3632575.90 | 43.20800 | (20122520) |
| 503321.98 | 3632575.90 | 48.00125 | (20121803) | 503421.98 | 3632575.90 | 53.42537 | (20121803) |
| 503721.98 | 3632575.90 | 53.36545 | (21122201) | 503821.98 | 3632575.90 | 42.27700 | (19102022) |
| 503921.98 | 3632575.90 | 33.70675 | (19021906) | 504021.98 | 3632575.90 | 32.67986 | (20031603) |
| 504121.98 | 3632575.90 | 31.99361 | (20013123) | 504221.98 | 3632575.90 | 31.13483 | (20013123) |
| 504321.98 | 3632575.90 | 29.68939 | (20013123) | 504421.98 | 3632575.90 | 27.83566 | (20013123) |
| 504521.98 | 3632575.90 | 25.59564 | (21121920) | 504621.98 | 3632575.90 | 24.60189 | (21121920) |
| 504721.98 | 3632575.90 | 23.52768 | (21121920) | 504821.98 | 3632575.90 | 22.73782 | (21013019) |
| 504921.98 | 3632575.90 | 21.99357 | (21013019) | 505021.98 | 3632575.90 | 21.11069 | (21013019) |
| 505121.98 | 3632575.90 | 20.17658 | (21013019) | 505221.98 | 3632575.90 | 19.19912 | (21013019) |
| 505321.98 | 3632575.90 | 18.21479 | (21013019) | 505421.98 | 3632575.90 | 17.24738 | (21013019) |

505521.98 3632575.90 16.28367 (21013019) 505621.98
3632575.90 15.28419 (21013019)
505721.98 3632575.90 14.48716 (20101201) 501721.98
3632675.90 47.60650 (19083104)
501821.98 3632675.90 48.91749 (19083104) 501921.98
3632675.90 52.48455 (20081603)
502021.98 3632675.90 55.84226 (20081603) 502121.98
3632675.90 57.17517 (20081603)
502221.98 3632675.90 57.37155 (20081603) 502321.98
3632675.90 57.77505 (20081603)
502421.98 3632675.90 58.52918 (21022220) 502521.98
3632675.90 59.67631 (20122520)
502621.98 3632675.90 62.09302 (20122520) 502721.98
3632675.90 64.11946 (20121803)
502821.98 3632675.90 70.86330 (20121803) 502921.98
3632675.90 88.10464 (20082805)
503021.98 3632675.90 99.12603 (20082805) 503721.98
3632675.90 73.27571 (21013019)
503821.98 3632675.90 61.94315 (20092120) 503921.98
3632675.90 47.67174 (20092120)
504021.98 3632675.90 42.92711 (19122101) 504121.98
3632675.90 40.33207 (19122101)
504221.98 3632675.90 37.60701 (19122101) 504321.98
3632675.90 35.04539 (19122101)
504421.98 3632675.90 32.68717 (19122101) 504521.98
3632675.90 30.44550 (19122101)
504621.98 3632675.90 28.49947 (19122101) 504721.98
3632675.90 26.76035 (19122101)
504821.98 3632675.90 25.12011 (19122101) 504921.98
3632675.90 23.67198 (19122101)
505021.98 3632675.90 22.29218 (19122101) 505121.98
3632675.90 21.02532 (19122101)
505221.98 3632675.90 20.09226 (21021007) 505321.98
3632675.90 19.22312 (21021007)
505421.98 3632675.90 18.39160 (21021007) 505521.98
3632675.90 17.51610 (21021007)
505621.98 3632675.90 16.76117 (21021007) 505721.98
3632675.90 16.14165 (21021007)
502421.98 3632775.90 123.50873 (20082303) 502521.98
3632775.90 124.81818 (20082303)
502621.98 3632775.90 107.22720 (20082304) 502721.98
3632775.90 92.76028 (20082304)
502821.98 3632775.90 88.20321 (20082304) 502921.98
3632775.90 143.67580 (20082306)
503021.98 3632775.90 113.98437 (20041201) 503121.98
3632775.90 121.67735 (20082306)
503221.98 3632775.90 110.91442 (20082306) 503621.98
3632775.90 121.66755 (20082306)
503721.98 3632775.90 95.40221 (20082306) 503821.98
3632775.90 64.25005 (20082306)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 30.36908 | (21101921) | 504621.98 | 3632775.90 | 28.32683 | (21101921) |
| 504721.98 | 3632775.90 | 26.49680 | (21101921) | 504821.98 | 3632775.90 | 24.88324 | (21101921) |
| 504921.98 | 3632775.90 | 23.40615 | (21101921) | 505021.98 | 3632775.90 | 22.04626 | (21101921) |
| 505121.98 | 3632775.90 | 20.82366 | (21101921) | 505221.98 | 3632775.90 | 19.70971 | (21101921) |
| 505321.98 | 3632775.90 | 18.69780 | (21101921) | 505421.98 | 3632775.90 | 17.65809 | (21101921) |
| 505521.98 | 3632775.90 | 16.67058 | (21101921) | 505621.98 | 3632775.90 | 15.81787 | (21101921) |
| 505721.98 | 3632775.90 | 15.12089 | (21101921) | 501721.98 | 3632875.90 | 43.51263 | (21011719) |
| 501821.98 | 3632875.90 | 45.13108 | (21011719) | 501921.98 | | | |

3632875.90 45.92883 (21011719)
502021.98 3632875.90 45.74734 (21011719) 502121.98
3632875.90 45.40113 (21011719)
502221.98 3632875.90 44.47068 (21011719) 502321.98
3632875.90 44.16906 (21011719)
502421.98 3632875.90 44.56247 (21011719) 502521.98
3632875.90 42.13256 (21011719)
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3632875.90 39.69035 (20082303)
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503021.98 3632875.90 34.05429 (20081806) 503121.98
3632875.90 46.49502 (20081806)
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3632875.90 41.82453 (20041201)
503421.98 3632875.90 54.43209 (20041201) 503621.98
3632875.90 80.95026 (20082303)
503721.98 3632875.90 71.48508 (20081401) 503821.98
3632875.90 53.24685 (20081806)
503921.98 3632875.90 40.52471 (20041201) 504021.98
3632875.90 37.87629 (20041201)
504121.98 3632875.90 34.76712 (20041201) 504221.98
3632875.90 31.14865 (20041201)
504321.98 3632875.90 30.23926 (21013119) 504421.98
3632875.90 29.29475 (21013119)
504521.98 3632875.90 28.12506 (21013119) 504621.98
3632875.90 26.78675 (21013119)
504721.98 3632875.90 25.34093 (21013119) 504821.98
3632875.90 23.83009 (21013119)
504921.98 3632875.90 22.32602 (20011720) 505021.98
3632875.90 21.39601 (20011720)
505121.98 3632875.90 20.45438 (20011720) 505221.98
3632875.90 19.52568 (20011720)
505321.98 3632875.90 18.56178 (20011720) 505421.98
3632875.90 17.52260 (20011720)
505521.98 3632875.90 16.61332 (20011720) 505621.98
3632875.90 15.71518 (20011720)
505721.98 3632875.90 14.95563 (19122317) 501721.98
3632975.90 27.61958 (21011719)
501821.98 3632975.90 28.59447 (21011719) 501921.98
3632975.90 29.17303 (21011719)
502021.98 3632975.90 29.67878 (21011719) 502121.98
3632975.90 30.11137 (21011719)
505321.98 3632975.90 15.80155 (21013119) 505421.98
3632975.90 15.61738 (21013119)
505521.98 3632975.90 15.34700 (21013119) 505621.98
3632975.90 15.03816 (21013119)
505721.98 3632975.90 14.67595 (21013119) 501721.98
3633075.90 20.62655 (21011719)
501821.98 3633075.90 21.32526 (21011719) 501921.98

*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
L0000773    , L0000774    , L0000775    , L0000776    , L0000777 , L0000778    , L0000779    , L0000780    ,
L0000781    , L0000782    , L0000783    , L0000784    , L0000785 , L0000786    , L0000787    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 12.71288 | (20081806) | 505621.98 | 3633175.90 | 12.73191 | (21082522) |
| 505721.98 | 3633175.90 | 11.65585 | (21082522) | 501721.98 | 3633275.90 | 14.37133 | (21011719) |
| 501821.98 | 3633275.90 | 14.36756 | (21011719) | 501921.98 | 3633275.90 | 14.00861 | (21011719) |

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        502021.98   3633275.90       13.51549  (21011719)               502121.98
3633275.90       12.84828  (21011719)
        505321.98   3633275.90       13.19119  (20081806)               505421.98
3633275.90       13.00753  (20081806)
        505521.98   3633275.90       14.17543  (20081806)               505621.98
3633275.90       14.87470  (20081806)
        505721.98   3633275.90       13.79437  (20081806)               501721.98
3633375.90       11.76509  (21011719)
        501821.98   3633375.90       11.41338  (21011719)               501921.98
3633375.90       11.12818  (21012023)
        502021.98   3633375.90       10.91696  (21012023)               502121.98
3633375.90       10.52570  (21012023)
        505321.98   3633375.90       10.95809  (19022319)               505421.98
3633375.90       10.39829  (20081806)
        505521.98   3633375.90       11.36737  (20081806)               505621.98
3633375.90       13.04009  (20081806)
        505721.98   3633375.90       13.42563  (20081806)               501721.98
3633475.90        9.97393  (20022207)
        501821.98   3633475.90        9.91558  (21012023)               501921.98
3633475.90        9.75619  (21012023)
        502021.98   3633475.90        9.41255  (21012023)               502121.98
3633475.90        9.00474  (21121424)
        505321.98   3633475.90       10.05787  (19022319)               505421.98
3633475.90        9.50795  (19022319)
        505521.98   3633475.90       10.23050  (19022319)               505621.98
3633475.90       10.94860  (19022319)
        505721.98   3633475.90       11.37460  (19022319)               501721.98
3633575.90        8.91684  (21012023)
        501821.98   3633575.90        8.75113  (21012023)               501921.98
3633575.90        8.44377  (21012023)
        502021.98   3633575.90        8.21339  (21121424)               502121.98
3633575.90        8.35405  (21121424)
        505321.98   3633575.90       10.30059  (20082024)               505421.98
3633575.90        8.68076  (20082024)
        505521.98   3633575.90        8.89571  (19030607)               505621.98
3633575.90       10.08989  (19022319)
        505721.98   3633575.90       10.86484  (19022319)               501721.98
3633675.90        7.93922  (21012023)
        501821.98   3633675.90        7.63736  (21012023)               501921.98
3633675.90        7.54537  (21121424)
        502021.98   3633675.90        7.47260  (21121424)               502121.98
3633675.90        7.58793  (21012024)
        505321.98   3633675.90       10.15013  (20082024)               505421.98
3633675.90        8.93299  (20082024)
        505521.98   3633675.90        9.30928  (20082024)               505621.98
3633675.90        9.41529  (20082024)
        505721.98   3633675.90        9.86203  (19030607)               501721.98
3633775.90        7.01198  (21012023)
        501821.98   3633775.90        6.96534  (21121424)               501921.98
3633775.90        6.89710  (21121424)
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        502021.98   3633775.90        6.87254  (21012024)               502121.98
3633775.90        6.87052  (21012024)
        505321.98   3633775.90        9.44978  (20082024)               505421.98
3633775.90        9.21003  (20082024)
        505521.98   3633775.90        9.24606  (20082024)               505621.98
3633775.90        9.87374  (20082024)
        505721.98   3633775.90       10.06032  (20082024)               501721.98
3633875.90        6.47603  (21121424)
        501821.98   3633875.90        6.45707  (21121424)               501921.98
3633875.90        6.33636  (21012024)
        502021.98   3633875.90        6.43708  (21012024)               502121.98
3633875.90        6.42348  (21012024)
        505321.98   3633875.90        8.61453  (20082106)               505421.98
3633875.90        8.88045  (20082106)
        505521.98   3633875.90        9.12140  (20082024)               505621.98
3633875.90        9.45373  (20082024)
        505721.98   3633875.90        9.99930  (20082024)               501721.98
3633975.90        6.01732  (21121424)
        501821.98   3633975.90        5.94522  (21012024)               501921.98
3633975.90        6.02276  (21012024)
        502021.98   3633975.90        6.03473  (21012024)               502121.98
3633975.90        6.05674  (21012024)
        505321.98   3633975.90        8.57095  (20082302)               505421.98
3633975.90        8.80773  (20082302)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1056
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                   INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3634475.90        4.73622  (21012024)
        505321.98   3634475.90        7.01919  (20092620)                505421.98
3634475.90        7.54840  (20092620)
        505521.98   3634475.90        7.07532  (20092620)                505621.98
3634475.90        6.68775  (20082302)
        505721.98   3634475.90        6.12752  (20082302)                501721.98
3634575.90        4.40029  (21021806)
        501821.98   3634575.90        4.42732  (21012024)                501921.98
3634575.90        4.52126  (21012024)
        502021.98   3634575.90        4.55708  (21012024)                502121.98
3634575.90        4.56978  (21012024)
        505321.98   3634575.90        6.29801  (20110218)                505421.98
3634575.90        7.04555  (20092620)
        505521.98   3634575.90        7.15178  (20092620)                505621.98
3634575.90        6.54019  (20082302)
        505721.98   3634575.90        6.01231  (20082302)                501721.98
3634675.90        4.25607  (21021806)
        501821.98   3634675.90        4.28922  (21012024)                501921.98
3634675.90        4.38151  (21012024)
        502021.98   3634675.90        4.41420  (21012024)                502121.98
3634675.90        4.37501  (21012024)
        505321.98   3634675.90        6.14926  (19020919)                505421.98
3634675.90        6.16872  (20092620)
        505521.98   3634675.90        6.24477  (20092620)                505621.98
3634675.90        6.73313  (20092620)
        505721.98   3634675.90        6.24905  (20082302)                501721.98
3634775.90        4.11246  (21021806)
        501821.98   3634775.90        4.14076  (21012024)                501921.98
3634775.90        4.22473  (21012024)
        502021.98   3634775.90        4.26718  (21012024)                502121.98
3634775.90        4.26400  (21012024)
        505321.98   3634775.90        5.94447  (21010717)                505421.98
3634775.90        5.00945  (19030707)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1057
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                    INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                  L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                  L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                  L0000781    , L0000782    , L0000783    , L0000784    , L0000785
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, L0000786    , L0000787    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3634775.90 | 5.08308 | (19030707) | 505621.98 | 3634775.90 | 5.88128 | (20092620) |
| 505721.98 | 3634775.90 | 6.30670 | (20092620) | 501721.98 | 3634875.90 | 3.97831 | (21021806) |
| 501821.98 | 3634875.90 | 4.00372 | (21021806) | 501921.98 | 3634875.90 | 4.10154 | (21012024) |
| 502021.98 | 3634875.90 | 4.13356 | (21012024) | 502121.98 | 3634875.90 | 4.13072 | (21012024) |
| 505321.98 | 3634875.90 | 6.10774 | (21122618) | 505421.98 | 3634875.90 | 4.45880 | (19030707) |
| 505521.98 | 3634875.90 | 4.65575 | (19030707) | 505621.98 | 3634875.90 | 4.83610 | (19030707) |
| 505721.98 | 3634875.90 | 4.94943 | (20092620) | 501721.98 | 3634975.90 | 3.86955 | (21021806) |
| 501821.98 | 3634975.90 | 3.88290 | (21021806) | 501921.98 | 3634975.90 | 3.97509 | (21012024) |
| 502021.98 | 3634975.90 | 4.00184 | (21012024) | 502121.98 | 3634975.90 | 4.00216 | (21012024) |
| 505321.98 | 3634975.90 | 5.19597 | (19021605) | 505421.98 | 3634975.90 | 3.83094 | (21012617) |
| 505521.98 | 3634975.90 | 3.72785 | (21012617) | 505621.98 | 3634975.90 | 3.87495 | (19030707) |
| 505721.98 | 3634975.90 | 4.19987 | (19030707) | 501721.98 | 3635075.90 | 3.76376 | (21021806) |
| 501821.98 | 3635075.90 | 3.77044 | (21021806) | 501921.98 | 3635075.90 | 3.83682 | (21012024) |
| 502021.98 | 3635075.90 | 3.86855 | (21012024) | 502121.98 | 3635075.90 | 3.87941 | (21012024) |
| 505321.98 | 3635075.90 | 5.20227 | (19102623) | 505421.98 | 3635075.90 | 3.79157 | (21012617) |
| 505521.98 | 3635075.90 | 3.73119 | (21012617) | 505621.98 | 3635075.90 | 3.58171 | (21012617) |
| 505721.98 | 3635075.90 | 3.45438 | (21012617) | 501721.98 | 3635175.90 | 3.63864 | (21021806) |
| 501821.98 | 3635175.90 | 3.66328 | (21021806) | 501921.98 | 3635175.90 | 4.38252 | (21012024) |
| 502021.98 | 3635175.90 | 3.74526 | (21021806) | 502121.98 | 3635175.90 | 3.76406 | (21012024) |

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        505321.98   3635175.90        3.72770  (21012617)                505421.98
3635175.90        3.74189  (21012617)
        505521.98   3635175.90        3.70430  (21012617)                505621.98
3635175.90        3.64034  (21012617)
        505721.98   3635175.90        3.52413  (21012617)                501721.98
3635275.90        4.88637  (21081004)
        501821.98   3635275.90        4.33670  (19101219)                501921.98
3635275.90        4.40476  (21012024)
        502021.98   3635275.90        4.39597  (21012024)                502121.98
3635275.90        3.65402  (21012024)
        505621.98   3635275.90        3.59066  (21012617)                505721.98
3635275.90        3.55090  (21012617)
        501721.98   3635375.90        4.71365  (19101219)                501821.98
3635375.90        4.82813  (19101219)
        501921.98   3635375.90        4.57061  (19101219)                502021.98
3635375.90        4.51398  (20071102)
        502121.98   3635375.90        3.73853  (21012024)                505621.98
3635375.90        3.47928  (21012617)
        501721.98   3635475.90        4.53872  (20120224)                501821.98
3635475.90        4.43930  (19101219)
        501921.98   3635475.90        4.58242  (19101219)                502021.98
3635475.90        4.13049  (21012024)
        502121.98   3635475.90        3.98101  (21012024)                505621.98
3635475.90        3.35667  (21012617)
        505721.98   3635475.90        3.35393  (21012617)                501721.98
3635575.90        4.47446  (20120224)
        501821.98   3635575.90        4.27688  (21041324)                501921.98
3635575.90        4.48650  (19101219)
        502021.98   3635575.90        4.50811  (20071102)                502121.98
3635575.90        4.42668  (20071102)
        505321.98   3635575.90        3.04506  (21012617)                505421.98
3635575.90        3.10257  (21012617)
        505521.98   3635575.90        3.16846  (21012617)                505621.98
3635575.90        3.21257  (21012617)
        505721.98   3635575.90        3.24476  (21012617)                501721.98
3635675.90        4.39623  (20120224)
        501821.98   3635675.90        4.19461  (21041324)                501921.98
3635675.90        4.21471  (21041324)
        502021.98   3635675.90        4.30883  (19101219)                502121.98
3635675.90        4.18325  (19101219)
        505321.98   3635675.90        2.90753  (20011620)                505421.98
3635675.90        2.92008  (21012617)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1058
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCKW ***
INCLUDING SOURCE(S): L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3635675.90 | 3.00189 | (21012617) | 505621.98 | 3635675.90 | 3.07338 | (21012617) |
| 505721.98 | 3635675.90 | 3.12004 | (21012617) | 501721.98 | 3635775.90 | 4.23940 | (20120224) |
| 501821.98 | 3635775.90 | 4.19609 | (20120224) | 501921.98 | 3635775.90 | 4.14119 | (21041324) |
| 502021.98 | 3635775.90 | 4.15568 | (19072223) | 502121.98 | 3635775.90 | 4.11683 | (19072223) |
| 505321.98 | 3635775.90 | 2.84027 | (20011620) | 505421.98 | 3635775.90 | 2.92335 | (21012617) |
| 505521.98 | 3635775.90 | 2.93355 | (21012617) | 505621.98 | 3635775.90 | 2.92770 | (21012617) |
| 505721.98 | 3635775.90 | 3.01692 | (21012617) | 501721.98 | 3635875.90 | 3.99247 | (20120224) |
| 501821.98 | 3635875.90 | 4.21149 | (20120224) | 501921.98 | 3635875.90 | 4.07936 | (19072223) |
| 502021.98 | 3635875.90 | 4.12329 | (19072223) | 502121.98 | 3635875.90 | 4.11073 | (19072223) |
| 505321.98 | 3635875.90 | 3.04842 | (21122618) | 505421.98 | 3635875.90 | 2.76642 | (20011620) |
| 505521.98 | 3635875.90 | 2.80175 | (21012617) | 505621.98 | 3635875.90 | 2.85699 | (21012617) |
| 505721.98 | 3635875.90 | 2.99479 | (21012617) | 501721.98 | 3635975.90 | 3.93039 | (21100603) |
| 501821.98 | 3635975.90 | 4.10840 | (20120224) | 501921.98 | 3635975.90 | 3.99231 | (19072223) |
| 502021.98 | 3635975.90 | 4.02317 | (19072223) | 502121.98 | 3635975.90 | 4.03580 | (19072223) |
| 505321.98 | 3635975.90 | 2.75576 | (20011620) | 505421.98 | | | |

3635975.90 2.71846 (20011620)
505521.98 3635975.90 2.69260 (20011620) 505621.98
3635975.90 2.84202 (21012617)
505721.98 3635975.90 2.70346 (21012617) 501721.98
3636075.90 3.80959 (20120224)
501821.98 3636075.90 3.98088 (20120224) 501921.98
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502021.98 3636075.90 3.89293 (19072223) 502121.98
3636075.90 3.92645 (19072223)
502221.98 3636075.90 3.94795 (19072223) 502321.98
3636075.90 3.83219 (19072224)
502421.98 3636075.90 4.05213 (19122420) 502521.98
3636075.90 4.00792 (19122420)
502621.98 3636075.90 3.93417 (19122420) 502721.98
3636075.90 3.97266 (19122420)
502821.98 3636075.90 3.95629 (19122420) 502921.98
3636075.90 3.79399 (19122420)
503021.98 3636075.90 3.82772 (21013118) 503121.98
3636075.90 3.80906 (21013118)
503221.98 3636075.90 3.91720 (21013118) 503321.98
3636075.90 4.00594 (21013118)
503421.98 3636075.90 4.02506 (21013118) 503521.98
3636075.90 4.03752 (21013118)
503621.98 3636075.90 3.95555 (21013118) 503721.98
3636075.90 3.78002 (21013118)
503821.98 3636075.90 3.93327 (20121721) 503921.98
3636075.90 3.92476 (20121721)
504021.98 3636075.90 3.85332 (20092821) 504121.98
3636075.90 3.81474 (20092821)
504221.98 3636075.90 3.69468 (20092821) 504321.98
3636075.90 3.77142 (19022602)
504421.98 3636075.90 3.72880 (19032022) 504521.98
3636075.90 3.77456 (19032022)
504621.98 3636075.90 3.71129 (20102224) 504721.98
3636075.90 3.93057 (21090701)
504821.98 3636075.90 3.32977 (20011620) 504921.98
3636075.90 2.74005 (20011620)
505021.98 3636075.90 2.72086 (20011620) 505121.98
3636075.90 2.59729 (20011620)
505221.98 3636075.90 2.62997 (20011620) 505321.98
3636075.90 2.65101 (20011620)
505421.98 3636075.90 2.64983 (20011620) 505521.98
3636075.90 2.65219 (20011620)
505621.98 3636075.90 2.62465 (20011620) 505721.98
3636075.90 2.68048 (21012617)
501721.98 3636175.90 3.77144 (21100603) 501821.98
3636175.90 3.82405 (20120224)
501921.98 3636175.90 3.88235 (20120224) 502021.98
3636175.90 3.76606 (19072223)
502121.98 3636175.90 3.81137 (19072223) 502221.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                  INCLUDING SOURCE(S):     L0000760    , L0000761 , L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769 , L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777 , L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785 , L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3636175.90        3.79125  (19072224)               502421.98   3636175.90        3.87678  (19122420)
        502521.98   3636175.90        3.79778  (19122420)               502621.98   3636175.90        3.75043  (19122420)
        502721.98   3636175.90        3.75842  (19072224)               502821.98   3636175.90        3.67936  (19072224)
        502921.98   3636175.90        3.67897  (19050322)               503021.98   3636175.90        3.70464  (19072224)
        503121.98   3636175.90        3.88494  (19072224)               503221.98   3636175.90        3.74954  (21013118)
        503321.98   3636175.90        3.89448  (21013118)               503421.98   3636175.90        3.92160  (21013118)
        503521.98   3636175.90        3.93878  (21013118)               503621.98   3636175.90        3.94639  (21013118)
        503721.98   3636175.90        3.88763  (21013118)               503821.98   3636175.90        3.79053  (21013118)
        503921.98   3636175.90        3.68056  (21013118)               504021.98   3636175.90        3.66970  (19060920)
        504121.98   3636175.90        3.69279  (19060920)               504221.98   3636175.90        3.70174  (19112903)

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        504321.98   3636175.90        3.68139  (19112903)               504421.98
3636175.90        3.86830  (21013118)
        504521.98   3636175.90        3.62514  (21013118)               504621.98
3636175.90        3.67650  (19032022)
        504721.98   3636175.90        3.64203  (21121422)               504821.98
3636175.90        3.84263  (20011620)
        504921.98   3636175.90        3.94761  (21090701)               505021.98
3636175.90        3.35512  (20011620)
        505121.98   3636175.90        2.64307  (20011620)               505221.98
3636175.90        2.61458  (20011620)
        505321.98   3636175.90        2.73613  (20011620)               505421.98
3636175.90        2.73336  (20011620)
        505521.98   3636175.90        2.62127  (20011620)               505621.98
3636175.90        2.60821  (20011620)
        505721.98   3636175.90        2.54911  (20011620)               501721.98
3636275.90        3.67952  (21100603)
        501821.98   3636275.90        3.71049  (20120224)               501921.98
3636275.90        3.78176  (20120224)
        502021.98   3636275.90        3.69099  (19072223)               502121.98
3636275.90        3.77825  (19072223)
        502221.98   3636275.90        3.80158  (19072223)               502321.98
3636275.90        3.69935  (19072224)
        502421.98   3636275.90        3.72558  (19072224)               502521.98
3636275.90        3.74237  (19072224)
        502621.98   3636275.90        3.82554  (19072224)               502721.98
3636275.90        3.81104  (19072224)
        502821.98   3636275.90        3.77604  (19072224)               502921.98
3636275.90        3.75366  (19072224)
        503021.98   3636275.90        3.66865  (19072224)               503121.98
3636275.90        3.75811  (19072224)
        503221.98   3636275.90        3.73825  (19072224)               503321.98
3636275.90        3.60752  (21013118)
        503421.98   3636275.90        3.71765  (21013118)               503521.98
3636275.90        3.78191  (21013118)
        503621.98   3636275.90        3.82779  (21013118)               503721.98
3636275.90        3.84202  (21013118)
        503821.98   3636275.90        3.82426  (21013118)               503921.98
3636275.90        3.79467  (21013118)
        504021.98   3636275.90        3.75243  (21013118)               504121.98
3636275.90        3.70644  (21013118)
        504221.98   3636275.90        3.56145  (21013118)               504321.98
3636275.90        3.16917  (21052005)
        504421.98   3636275.90        2.93051  (21051123)               504521.98
3636275.90        2.70400  (19101324)
        504621.98   3636275.90        3.32731  (19111019)               504721.98
3636275.90        3.57389  (19032022)
        504821.98   3636275.90        3.50594  (20102221)               504921.98
3636275.90        3.80016  (20011620)
        505021.98   3636275.90        3.55614  (21090701)               505121.98
3636275.90        2.74133  (20011620)
```

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCKW   ***
                                    INCLUDING SOURCE(S):     L0000760    , L0000761
, L0000762    , L0000763    , L0000764    ,
                 L0000765    , L0000766    , L0000767    , L0000768    , L0000769
, L0000770    , L0000771    , L0000772    ,
                 L0000773    , L0000774    , L0000775    , L0000776    , L0000777
, L0000778    , L0000779    , L0000780    ,
                 L0000781    , L0000782    , L0000783    , L0000784    , L0000785
, L0000786    , L0000787    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502121.98   3636375.90        3.70783  (19072223)                502221.98
3636375.90        3.73176  (19072223)
        502321.98   3636375.90        3.71253  (19072224)                502421.98
3636375.90        3.75113  (19072224)
        502521.98   3636375.90        3.77279  (19072224)                502621.98
3636375.90        3.75913  (19072224)
        502721.98   3636375.90        3.78357  (19072224)                502821.98
3636375.90        3.77881  (19072224)
        502921.98   3636375.90        3.76131  (19072224)                503021.98
3636375.90        3.74926  (19072224)
        503121.98   3636375.90        3.74157  (19072224)                503221.98

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3636375.90        3.72137  (19072224)
        503321.98   3636375.90        3.68267  (19072224)                503421.98
3636375.90        3.51343  (21013118)
        503521.98   3636375.90        3.57370  (21013118)                503621.98
3636375.90        3.72751  (19122420)
        503721.98   3636375.90        3.68388  (21013118)                503821.98
3636375.90        3.70671  (21013118)
        503921.98   3636375.90        3.63013  (21013118)                504021.98
3636375.90        3.59328  (21013118)
        504121.98   3636375.90        3.44271  (21013118)                504221.98
3636375.90        3.29308  (21051124)
        504321.98   3636375.90        2.84528  (21031320)                504421.98
3636375.90        2.52744  (21051123)
        504521.98   3636375.90        2.44900  (19060406)                504621.98
3636375.90        2.87286  (19111019)
        504721.98   3636375.90        3.28766  (19111019)                504821.98
3636375.90        3.09781  (20050923)
        504921.98   3636375.90        3.29586  (20102221)                505021.98
3636375.90        3.71977  (20011620)
        505121.98   3636375.90        3.17868  (20011620)                505221.98
3636375.90        3.07231  (20011620)
        505321.98   3636375.90        2.98768  (20011620)                505421.98
3636375.90        2.81654  (20011620)
        505521.98   3636375.90        2.72768  (20011620)                505621.98
3636375.90        2.73728  (21122618)
        505721.98   3636375.90        2.84343  (21122618)                501721.98
3636475.90        3.51606  (21100603)
        501821.98   3636475.90        3.44536  (20120224)                501921.98
3636475.90        3.58949  (20120224)
        502021.98   3636475.90        3.51639  (19072223)                502121.98
3636475.90        3.58180  (19072223)
        502221.98   3636475.90        3.64612  (19072223)                502321.98
3636475.90        3.65460  (19072223)
        502421.98   3636475.90        3.70134  (19072224)                502521.98
3636475.90        3.73058  (19072224)
        502621.98   3636475.90        3.72845  (19072224)                502721.98
3636475.90        3.72858  (19072224)
        502821.98   3636475.90        3.70257  (19072224)                502921.98
3636475.90        3.68739  (19072224)
        503021.98   3636475.90        3.66865  (19072224)                503121.98
3636475.90        3.63791  (19072224)
        503221.98   3636475.90        3.60537  (19072224)                503321.98
3636475.90        3.63041  (19072224)
        503421.98   3636475.90        3.57464  (19072224)                503521.98
3636475.90        3.44281  (19072224)
        503621.98   3636475.90        3.41179  (19122420)                503721.98
3636475.90        3.63619  (19122420)
        503821.98   3636475.90        3.46450  (21013118)                503921.98
3636475.90        3.37861  (20010717)
        504021.98   3636475.90        3.22577  (19082724)                504121.98
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3636475.90        3.25855  (20050822)
        504221.98   3636475.90        3.21417  (21051124)                504321.98
3636475.90        2.72256  (20031720)
        504421.98   3636475.90        2.35726  (21051123)                504521.98
3636475.90        2.25109  (19060406)
        504621.98   3636475.90        2.35640  (19060406)                504721.98
3636475.90        2.55820  (19060406)
        504821.98   3636475.90        2.73188  (19060406)                504921.98
3636475.90        3.12752  (20102221)
        505021.98   3636475.90        3.56070  (20102224)                505121.98
3636475.90        3.44909  (21090701)
        505221.98   3636475.90        3.16901  (21090701)                505321.98
3636475.90        3.08093  (20011620)
        505421.98   3636475.90        2.86746  (20011620)                505521.98
3636475.90        2.76310  (20011620)
        505621.98   3636475.90        2.72043  (21122618)                505721.98
3636475.90        2.79933  (21122618)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633475.90       72.93131  (19010119)                502771.98  3633475.90       70.98811  (19010119)
        502821.98   3633475.90       76.74427  (21030103)                502871.98  3633475.90       96.22752  (21030103)

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        502921.98   3633475.90      115.71945  (21030103)              502971.98
3633475.90      133.60050  (21030103)
        503021.98   3633475.90      147.34052  (21030103)              503071.98
3633475.90      163.49327  (20121603)
        503121.98   3633475.90      190.29694  (20121603)              503171.98
3633475.90      205.91984  (20121603)
        503221.98   3633475.90      206.70385  (20121603)              503271.98
3633475.90      195.74427  (20121603)
        503321.98   3633475.90      342.92054  (20092124)              503371.98
3633475.90      307.88049  (20102407)
        503421.98   3633475.90      333.77231  (20111701)              503471.98
3633475.90      323.81954  (19081924)
        503521.98   3633475.90      470.59192  (19081924)              503621.98
3633475.90      429.71468  (19082022)
        503671.98   3633475.90      321.48575  (19091221)              503721.98
3633475.90      306.27179  (21020203)
        503771.98   3633475.90      290.21597  (20082921)              503821.98
3633475.90      330.72430  (20082921)
        503871.98   3633475.90      298.00076  (20081802)              503921.98
3633475.90      289.91272  (19032124)
        503971.98   3633475.90      301.31138  (20080922)              504021.98
3633475.90      276.68115  (21011302)
        504071.98   3633475.90      284.60191  (21022205)              504121.98
3633475.90      299.69195  (20081021)
        504171.98   3633475.90      283.77293  (21013021)              504221.98
3633475.90      286.80271  (21013021)
        504271.98   3633475.90      290.02711  (20073022)              504321.98
3633475.90      292.39754  (20072721)
        504371.98   3633475.90      268.93030  (21011323)              504421.98
3633475.90      263.03467  (21010102)
        504471.98   3633475.90      252.45980  (19022705)              504521.98
3633475.90      255.83471  (21021820)
        504571.98   3633475.90      252.25604  (21011520)              504621.98
3633475.90      242.34795  (21010522)
        504671.98   3633475.90      233.95659  (20122923)              504721.98
3633475.90      220.91640  (20080623)
        502721.98   3633525.90       77.87617  (19010119)              502771.98
3633525.90       77.28523  (19010119)
        502821.98   3633525.90       75.27514  (19010119)              502871.98
3633525.90       83.22250  (21030103)
        502921.98   3633525.90      104.56947  (21030103)              502971.98
3633525.90      125.89599  (21030103)
        503021.98   3633525.90      144.70131  (21030103)              503071.98
3633525.90      158.29942  (21030103)
        503121.98   3633525.90      183.06112  (20121603)              503171.98
3633525.90      208.36826  (20121603)
        503221.98   3633525.90      219.78307  (20121603)              503271.98
3633525.90      214.40489  (20121603)
        503321.98   3633525.90      225.53121  (21063005)              503371.98
3633525.90      332.65140  (20092124)
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        503421.98   3633525.90      369.89662  (20111701)                503471.98
3633525.90      374.71240  (20111701)
        503521.98   3633525.90      462.65650  (19081924)                503621.98
3633525.90      493.79678  (19101521)
        503671.98   3633525.90      405.11751  (21090401)                503721.98
3633525.90      402.61625  (21020203)
        503771.98   3633525.90      356.63577  (20082921)                503821.98
3633525.90      376.74364  (20082921)
        503871.98   3633525.90      345.55654  (20081802)                503921.98
3633525.90      332.49970  (20080922)
        503971.98   3633525.90      337.74114  (20080922)                504021.98
3633525.90      302.30229  (19102905)
        504071.98   3633525.90      309.56147  (20081021)                504121.98
3633525.90      334.86137  (20081021)
        504171.98   3633525.90      330.20012  (21013021)                504221.98
3633525.90      339.75105  (20073022)
        504271.98   3633525.90      322.83816  (20072721)                504321.98
3633525.90      275.00239  (21011323)
        504371.98   3633525.90      272.33531  (21010102)                504421.98
3633525.90      272.50107  (20011902)
        504471.98   3633525.90      267.90065  (19022705)                504521.98
3633525.90      264.35395  (21011520)
        504571.98   3633525.90      254.54705  (21010522)                504621.98
3633525.90      249.58906  (19122301)
        504671.98   3633525.90      234.57490  (20080623)                504721.98
3633525.90      238.14864  (21022502)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1062
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502721.98 | 3633575.90 | 88.53382 | (21111004) | 502771.98 | 3633575.90 | 82.95305 | (21111004) |
| 502821.98 | 3633575.90 | 82.37370 | (19010119) | 502871.98 | 3633575.90 | 80.84621 | (19010119) |
| 502921.98 | 3633575.90 | 90.58396 | (21030103) | 502971.98 | 3633575.90 | 113.97091 | (21030103) |
| 503021.98 | 3633575.90 | 137.15558 | (21030103) | 503071.98 | 3633575.90 | 156.85486 | (21030103) |
| 503121.98 | 3633575.90 | 169.75790 | (21030103) | 503171.98 | 3633575.90 | 204.25934 | (20121603) |
| 503221.98 | 3633575.90 | 227.28937 | (20121603) | 503271.98 | 3633575.90 | 232.37495 | (20121603) |
| 503321.98 | 3633575.90 | 219.60395 | (20121603) | 503371.98 | 3633575.90 | 355.30623 | (20092124) |
| 503421.98 | 3633575.90 | 376.65971 | (20082723) | 503471.98 | 3633575.90 | 392.57021 | (19081924) |
| 503521.98 | 3633575.90 | 533.41219 | (19081924) | 503621.98 | 3633575.90 | 530.97575 | (19101521) |
| 503671.98 | 3633575.90 | 490.77411 | (21090401) | 503721.98 | 3633575.90 | 465.76212 | (21020203) |
| 503771.98 | 3633575.90 | 423.22442 | (20082921) | 503821.98 | 3633575.90 | 464.66217 | (20082921) |
| 503871.98 | 3633575.90 | 408.28857 | (20032501) | 503921.98 | 3633575.90 | 391.04702 | (20022622) |
| 503971.98 | 3633575.90 | 374.29295 | (20080922) | 504021.98 | 3633575.90 | 360.01734 | (19102905) |
| 504071.98 | 3633575.90 | 368.32603 | (20081021) | 504121.98 | 3633575.90 | 364.12937 | (20082321) |
| 504171.98 | 3633575.90 | 371.49158 | (20073022) | 504221.98 | 3633575.90 | 379.33574 | (20073022) |
| 504271.98 | 3633575.90 | 328.73586 | (20072721) | 504321.98 | 3633575.90 | 295.15668 | (21011323) |
| 504371.98 | 3633575.90 | 288.34807 | (21010102) | 504421.98 | 3633575.90 | 284.27590 | (19022705) |
| 504471.98 | 3633575.90 | 276.82305 | (20121007) | 504521.98 | 3633575.90 | 269.35395 | (19121906) |
| 504571.98 | 3633575.90 | 266.25629 | (19122301) | 504621.98 | 3633575.90 | 250.83074 | (20122923) |
| 504671.98 | 3633575.90 | 251.25384 | (21022502) | 504721.98 | 3633575.90 | 238.25263 | (19120104) |
| 502721.98 | 3633625.90 | 101.17180 | (21111004) | 502771.98 | 3633625.90 | 96.75567 | (21111004) |
| 502821.98 | 3633625.90 | 91.04012 | (21111004) | 502871.98 | 3633625.90 | 88.10581 | (19010119) |
| 502921.98 | 3633625.90 | 86.48951 | (19010119) | 502971.98 | | | |

3633625.90       99.07757  (21030103)
        503021.98   3633625.90      124.95045  (21030103)                503071.98
3633625.90      149.73673  (21030103)
        503121.98   3633625.90      170.09252  (21030103)                503171.98
3633625.90      192.59669  (20121603)
        503221.98   3633625.90      227.35484  (20121603)                503271.98
3633625.90      245.76982  (20121603)
        503321.98   3633625.90      242.81465  (20121603)                503371.98
3633625.90      254.54501  (21063005)
        503421.98   3633625.90      336.90827  (20082723)                503471.98
3633625.90      404.42268  (20082723)
        503521.98   3633625.90      526.19497  (19081924)                503621.98
3633625.90      577.17002  (19110606)
        503671.98   3633625.90      527.48102  (21090401)                503721.98
3633625.90      496.48148  (20050102)
        503771.98   3633625.90      453.63944  (20082921)                503821.98
3633625.90      519.27968  (20082921)
        503871.98   3633625.90      439.28301  (20032501)                503921.98
3633625.90      422.37414  (20022622)
        503971.98   3633625.90      407.60557  (20080921)                504021.98
3633625.90      396.04024  (19102905)
        504071.98   3633625.90      407.27104  (20081021)                504121.98
3633625.90      410.62308  (21013021)
        504171.98   3633625.90      424.42792  (20073022)                504221.98
3633625.90      402.24611  (20073020)
        504271.98   3633625.90      339.80673  (20072721)                504321.98
3633625.90      313.32733  (21010102)
        504371.98   3633625.90      298.28279  (19022705)                504421.98
3633625.90      298.10725  (21021820)
        504471.98   3633625.90      290.74423  (21011520)                504521.98
3633625.90      282.47598  (19122301)
        504571.98   3633625.90      273.96190  (20080623)                504621.98
3633625.90      266.87754  (21022502)
        504671.98   3633625.90      253.81739  (19120104)                504721.98
3633625.90      254.12941  (20081805)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317

, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3633675.90      112.05206  (21111004)                502771.98
3633675.90      110.22061  (21111004)
        502821.98   3633675.90      105.89310  (21111004)                502871.98
3633675.90      100.18531  (21111004)
        502921.98   3633675.90       94.97063  (19010119)                502971.98
3633675.90       93.64861  (19010119)
        503021.98   3633675.90      109.01310  (21030103)                503071.98
3633675.90      137.36880  (21030103)
        503121.98   3633675.90      164.31010  (21030103)                503171.98
3633675.90      185.63178  (21030103)
        503221.98   3633675.90      218.76439  (20121603)                503271.98
3633675.90      252.10523  (20121603)
        503321.98   3633675.90      263.67638  (20121603)                503371.98
3633675.90      251.30148  (20121603)
        503421.98   3633675.90      238.83688  (21063005)                503471.98
3633675.90      295.11264  (20102407)
        503521.98   3633675.90      432.40450  (19081924)                503571.98
3633675.90      622.38216  (19081924)
        503671.98   3633675.90      583.15017  (21090401)                503721.98
3633675.90      528.80102  (20050102)
        503771.98   3633675.90      534.02709  (20082503)                503821.98
3633675.90      567.41389  (20082921)
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3633675.90      464.19804  (20022622)
        503971.98   3633675.90      436.20808  (21062104)                504021.98
3633675.90      439.88048  (20081021)
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3633675.90      454.82317  (21013021)
        504171.98   3633675.90      455.97096  (20073022)                504221.98
3633675.90      439.28495  (20073020)
        504271.98   3633675.90      391.10518  (20072922)                504321.98
3633675.90      365.06937  (20080120)
        504371.98   3633675.90      321.61373  (21021820)                504421.98
3633675.90      314.33161  (21011520)
        504471.98   3633675.90      301.71328  (21010522)                504521.98
3633675.90      300.87664  (20080623)

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3633675.90      281.10198  (20081803)
        502721.98   3633725.90      119.66162  (21111004)                502771.98
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        502821.98   3633725.90      120.30886  (21111004)                502871.98
3633725.90      117.08689  (21111004)
        502921.98   3633725.90      111.28532  (21111004)                502971.98
3633725.90      103.61144  (21111004)
        503021.98   3633725.90      101.45501  (19010119)                503071.98
3633725.90      120.47384  (21030103)
        503121.98   3633725.90      152.05800  (21030103)                503171.98
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        503221.98   3633725.90      203.36568  (21030103)                503271.98
3633725.90      248.32973  (20121603)
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3633725.90      553.01948  (19081924)
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        503821.98   3633725.90      600.38572  (20082921)                503871.98
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        503921.98   3633725.90      511.28775  (21013120)                503971.98
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        504021.98   3633725.90      489.52044  (20081021)                504071.98
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3633725.90      485.09237  (20073020)
        504221.98   3633725.90      447.67485  (21011323)                504271.98
3633725.90      460.90534  (20080120)
        504321.98   3633725.90      407.49534  (20080120)                504371.98
3633725.90      342.62075  (21011520)
        504421.98   3633725.90      326.97151  (21010522)                504471.98
3633725.90      330.28880  (20080623)
        504521.98   3633725.90      309.70966  (19102119)                504571.98
3633725.90      305.58810  (20081805)
        504621.98   3633725.90      333.49848  (20081805)                504671.98
3633725.90      324.53985  (20081803)
        504721.98   3633725.90      305.63587  (20111118)                502721.98
3633775.90      122.35389  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44

                                PAGE  1064
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502771.98   3633775.90      127.90993  (21111004)               502821.98
3633775.90      131.16216  (21111004)
        502871.98   3633775.90      131.73528  (21111004)               502921.98
3633775.90      129.68751  (21111004)
        502971.98   3633775.90      123.60644  (21111004)               503021.98
3633775.90      115.58479  (21111004)
        503071.98   3633775.90      111.02631  (19010119)               503121.98
3633775.90      134.09661  (21030103)
        503171.98   3633775.90      169.36894  (21030103)               503221.98
3633775.90      201.14577  (21030103)
        503271.98   3633775.90      233.23976  (20121603)               503321.98
3633775.90      281.45740  (20121603)
        503371.98   3633775.90      304.26891  (20121603)               503421.98
3633775.90      293.33635  (20121603)
        503471.98   3633775.90      275.45327  (21063005)               503771.98
3633775.90      702.58631  (20082503)
        503821.98   3633775.90      632.46141  (20082921)               503871.98
3633775.90      560.20032  (20022622)
        503921.98   3633775.90      552.56149  (21013120)               503971.98
3633775.90      526.53001  (19102905)
        504021.98   3633775.90      526.89759  (20081021)               504071.98
3633775.90      567.27748  (21013021)
        504121.98   3633775.90      532.26056  (20073022)               504171.98
3633775.90      519.26894  (20073020)
        504221.98   3633775.90      500.21516  (21010102)               504271.98
3633775.90      503.95834  (20080120)
        504321.98   3633775.90      436.42659  (20081220)               504371.98
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3633775.90 389.54670 (20082722)
504421.98 3633775.90 383.47734 (20080623) 504471.98
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3633775.90 398.22673 (20081805)
504621.98 3633775.90 384.36296 (20081803) 504671.98
3633775.90 360.94234 (20111118)
504721.98 3633775.90 331.59278 (20111118) 502721.98
3633825.90 119.39422 (21111004)
502771.98 3633825.90 128.68327 (21111004) 502821.98
3633825.90 136.46076 (21111004)
502871.98 3633825.90 141.91337 (21111004) 502921.98
3633825.90 144.87031 (21111004)
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3633825.90 139.06899 (21111004)
503071.98 3633825.90 129.69260 (21111004) 503121.98
3633825.90 122.13014 (19010119)
503171.98 3633825.90 150.38559 (21030103) 503221.98
3633825.90 189.90079 (21030103)
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3633825.90 833.90133 (20082503)
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3633825.90 596.69274 (21013021)
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3633825.90 581.09160 (21011323)
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3633825.90 478.73469 (20080623)
504421.98 3633825.90 428.01818 (20080623) 504471.98
3633825.90 441.30381 (20081805)
504521.98 3633825.90 443.11222 (20081805) 504571.98
3633825.90 443.45378 (20081803)
504621.98 3633825.90 409.16421 (20111118) 504671.98
3633825.90 386.09403 (21011418)
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502771.98 3633875.90 122.89954 (21111004) 502821.98
3633875.90 134.57547 (21111004)
502871.98 3633875.90 144.87746 (21111004) 502921.98
3633875.90 153.75051 (21111004)
502971.98 3633875.90 158.79946 (21111004) 503021.98
3633875.90 159.86492 (21111004)
503071.98 3633875.90 156.50310 (21111004) 503121.98
3633875.90 148.23471 (21111004)
503171.98 3633875.90 135.52163 (19010119) 503221.98

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        504071.98   3633875.90      629.36294  (19033021)                504121.98
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        504171.98   3633875.90      623.34599  (21010102)                504221.98
3633875.90      610.03641  (19022705)
        504271.98   3633875.90      580.86644  (21011520)                504321.98
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3633875.90      348.03075  (21011418)

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        502921.98   3633925.90      153.63109  (21111004)              502971.98
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        503021.98   3633925.90      173.52732  (21111004)              503071.98
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3633925.90      679.02123  (19022705)
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3633975.90      737.66544  (20011902)
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                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502721.98   3634025.90      180.75035  (21012320)                502771.98
3634025.90      183.69774  (21012320)
        502821.98   3634025.90      184.06569  (21012320)                502871.98
3634025.90      182.58674  (21012320)
        502921.98   3634025.90      178.56849  (21012320)                502971.98
3634025.90      171.06711  (21012320)
        503021.98   3634025.90      167.28994  (21111004)                503071.98
3634025.90      187.11131  (21111004)
        503121.98   3634025.90      205.02421  (21111004)                503171.98

3634025.90 218.81907 (21111004)
503221.98 3634025.90 225.95490 (21111004) 503271.98
3634025.90 224.30225 (21111004)
503871.98 3634025.90 726.52390 (21013120) 503921.98
3634025.90 650.55064 (21022105)
503971.98 3634025.90 790.76586 (20032321) 504021.98
3634025.90 748.94224 (21120723)
504071.98 3634025.90 784.70158 (21011323) 504121.98
3634025.90 803.35384 (21021820)
504171.98 3634025.90 802.50845 (21082503) 504221.98
3634025.90 886.73446 (20081805)
504271.98 3634025.90 881.20786 (20081805) 504321.98
3634025.90 789.11855 (20081803)
504371.98 3634025.90 704.42391 (20081603) 504421.98
3634025.90 575.79176 (21011418)
504471.98 3634025.90 490.07098 (21011418) 504521.98
3634025.90 409.97796 (20081722)
504571.98 3634025.90 377.27120 (20080422) 504621.98
3634025.90 344.58066 (20072623)
504671.98 3634025.90 314.18121 (20072623) 504721.98
3634025.90 303.38404 (20081804)
502721.98 3634075.90 188.57107 (21012320) 502771.98
3634075.90 196.32082 (21012320)
502821.98 3634075.90 203.57532 (21012320) 502871.98
3634075.90 209.74144 (21012320)
502921.98 3634075.90 213.24126 (21012320) 502971.98
3634075.90 213.99662 (21012320)
503021.98 3634075.90 212.30576 (21012320) 503071.98
3634075.90 206.37860 (21012320)
503121.98 3634075.90 196.86445 (21111004) 503171.98
3634075.90 220.84808 (21111004)
503221.98 3634075.90 241.40794 (21111004) 503271.98
3634075.90 255.67218 (21111004)
503871.98 3634075.90 744.60258 (21022105) 503921.98
3634075.90 708.24101 (21022105)
503971.98 3634075.90 674.93931 (21022020) 504021.98
3634075.90 822.72833 (21022020)
504071.98 3634075.90 876.60450 (19022705) 504121.98
3634075.90 879.08487 (21011520)
504171.98 3634075.90 1048.89577 (20081805) 504221.98
3634075.90 1023.35268 (20081803)
504271.98 3634075.90 976.22103 (20081603) 504321.98
3634075.90 805.74123 (20081603)
504371.98 3634075.90 603.81382 (21011418) 504421.98
3634075.90 497.67270 (21011418)
504471.98 3634075.90 437.19608 (20080422) 504521.98
3634075.90 396.56380 (20072623)
504571.98 3634075.90 361.52026 (20081804) 504621.98
3634075.90 337.09774 (20081804)
504671.98 3634075.90 322.28240 (20081804) 504721.98

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3634075.90      309.84082  (20081804)
        502721.98   3634125.90      181.31895  (21012320)                502771.98
3634125.90      193.58598  (21012320)
        502821.98   3634125.90      206.78151  (21012320)                502871.98
3634125.90      220.01446  (21012320)
        502921.98   3634125.90      231.26888  (21012320)                502971.98
3634125.90      241.21222  (21012320)
        503021.98   3634125.90      249.59148  (21012320)                503071.98
3634125.90      254.32342  (21012320)
        503121.98   3634125.90      255.46425  (21012320)                503171.98
3634125.90      251.96927  (21012320)
        503221.98   3634125.90      239.04984  (21012320)                503271.98
3634125.90      264.66445  (21111004)
        503921.98   3634125.90      787.21228  (20050805)                503971.98
3634125.90      810.21539  (21022020)
        504021.98   3634125.90      877.31890  (21120804)                504071.98
3634125.90      908.03934  (21011520)
        504121.98   3634125.90      848.52461  (20081805)                504171.98
3634125.90     1098.34752  (20081803)
        504221.98   3634125.90     1080.40201  (20081603)                504271.98
3634125.90      890.78402  (20081603)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1067
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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```
        504321.98   3634125.90      702.36057  (20080721)              504371.98
3634125.90      580.27328  (21040622)
        504421.98   3634125.90      495.12036  (20072623)              504471.98
3634125.90      451.18113  (20081804)
        504521.98   3634125.90      418.36752  (20081804)              504571.98
3634125.90      365.06994  (20081804)
        504621.98   3634125.90      315.79349  (20081804)              504671.98
3634125.90      295.70174  (20081804)
        504721.98   3634125.90      271.78906  (21121821)              502721.98
3634175.90      159.54421  (21012320)
        502771.98   3634175.90      175.51608  (21012320)              502821.98
3634175.90      192.66693  (21012320)
        502871.98   3634175.90      210.56009  (21012320)              502921.98
3634175.90      227.92766  (21012320)
        502971.98   3634175.90      245.49073  (21012320)              503021.98
3634175.90      263.20940  (21012320)
        503071.98   3634175.90      278.95417  (21012320)              503121.98
3634175.90      293.18733  (21012320)
        503171.98   3634175.90      304.42404  (21012320)              503221.98
3634175.90      310.77124  (21012320)
        503271.98   3634175.90      312.62491  (21012320)              503971.98
3634175.90      958.85260  (21120804)
        504021.98   3634175.90     1065.68276  (21022623)              504071.98
3634175.90      961.37075  (21010724)
        504121.98   3634175.90      855.66542  (19120524)              504171.98
3634175.90      795.77830  (20081805)
        504221.98   3634175.90      866.35699  (20081603)              504271.98
3634175.90      833.99589  (21040622)
        504321.98   3634175.90      769.84101  (21081123)              504371.98
3634175.90      575.63838  (19121305)
        504421.98   3634175.90      475.04415  (20081804)              504471.98
3634175.90      415.28026  (20081804)
        504521.98   3634175.90      362.02284  (20081804)              504571.98
3634175.90      326.83094  (21121821)
        504621.98   3634175.90      304.28028  (20121224)              504671.98
3634175.90      284.23842  (20020703)
        504721.98   3634175.90      259.57092  (20020703)              502721.98
3634225.90      164.79200  (19083104)
        502771.98   3634225.90      171.35068  (19083104)              502821.98
3634225.90      177.96118  (19083104)
        502871.98   3634225.90      184.51957  (21012320)              502921.98
3634225.90      204.94707  (21012320)
        502971.98   3634225.90      226.93883  (21012320)              503021.98
3634225.90      250.39031  (21012320)
        503071.98   3634225.90      273.83460  (21012320)              503121.98
3634225.90      297.59074  (21012320)
        503171.98   3634225.90      321.00533  (21012320)              503221.98
3634225.90      344.34814  (21012320)
        503271.98   3634225.90      367.93132  (21012320)              504071.98
3634225.90     1060.85873  (20121318)
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        504121.98   3634225.90      899.24527  (21021922)                504171.98
3634225.90      771.78082  (20081803)
        504221.98   3634225.90      666.61976  (20081603)                504271.98
3634225.90      812.40276  (20081502)
        504321.98   3634225.90      816.18458  (20081502)                504371.98
3634225.90      519.19027  (20090623)
        504421.98   3634225.90      416.97239  (20121224)                504471.98
3634225.90      382.11734  (20020703)
        504521.98   3634225.90      339.69590  (20020703)                504571.98
3634225.90      322.43396  (21122121)
        504621.98   3634225.90      306.34154  (21122121)                504671.98
3634225.90      285.09896  (20121803)
        504721.98   3634225.90      269.28283  (20121803)                502721.98
3634275.90      170.82537  (19083104)
        502771.98   3634275.90      180.22479  (19083104)                502821.98
3634275.90      190.65520  (19083104)
        502871.98   3634275.90      202.16509  (19083104)                502921.98
3634275.90      212.44866  (19083104)
        502971.98   3634275.90      223.31301  (19083104)                503021.98
3634275.90      235.88948  (19083104)
        503071.98   3634275.90      248.34647  (19083104)                503121.98
3634275.90      273.27708  (21012320)
        503171.98   3634275.90      303.53096  (21012320)                503221.98
3634275.90      334.72827  (21012320)
        503271.98   3634275.90      368.88206  (21012320)                504121.98
3634275.90      935.09366  (21020122)
        504171.98   3634275.90      786.42354  (21010422)                504221.98
3634275.90      956.43473  (20090623)
        504271.98   3634275.90      864.82275  (20080102)                504321.98
3634275.90      794.65472  (20080102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1068
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504371.98 | 3634275.90 | 557.62770 | (21122121) | 504421.98 | 3634275.90 | 435.35867 | (20121803) |
| 504471.98 | 3634275.90 | 386.04650 | (20121803) | 504521.98 | 3634275.90 | 352.90071 | (21122201) |
| 504571.98 | 3634275.90 | 321.07125 | (19021906) | 504621.98 | 3634275.90 | 296.56400 | (19021906) |
| 504671.98 | 3634275.90 | 270.63726 | (19021906) | 504721.98 | 3634275.90 | 253.66209 | (20013123) |
| 502721.98 | 3634325.90 | 159.35045 | (19083104) | 502771.98 | 3634325.90 | 170.54320 | (19083104) |
| 502821.98 | 3634325.90 | 182.42359 | (19083104) | 502871.98 | 3634325.90 | 198.68237 | (19083104) |
| 502971.98 | 3634325.90 | 226.25759 | (19083104) | 503021.98 | 3634325.90 | 242.96318 | (19083104) |
| 503071.98 | 3634325.90 | 260.96629 | (19083104) | 503121.98 | 3634325.90 | 280.24652 | (19083104) |
| 503171.98 | 3634325.90 | 301.69762 | (19083104) | 503221.98 | 3634325.90 | 325.76864 | (19083104) |
| 503271.98 | 3634325.90 | 353.78292 | (19083104) | 504171.98 | 3634325.90 | 748.62899 | (20010320) |
| 504221.98 | 3634325.90 | 955.03661 | (20073024) | 504271.98 | 3634325.90 | 817.97930 | (20073024) |
| 504321.98 | 3634325.90 | 767.22558 | (20073024) | 504371.98 | 3634325.90 | 592.35072 | (20073024) |
| 504421.98 | 3634325.90 | 446.38101 | (20013123) | 504471.98 | 3634325.90 | 376.32947 | (20082805) |
| 504521.98 | 3634325.90 | 335.06980 | (20013123) | 504571.98 | 3634325.90 | 303.31220 | (21013019) |
| 504621.98 | 3634325.90 | 281.53825 | (21013019) | 504671.98 | 3634325.90 | 263.06590 | (21013019) |
| 504721.98 | 3634325.90 | 247.23280 | (21013019) | 502721.98 | 3634375.90 | 146.47807 | (21021102) |
| 502771.98 | 3634375.90 | 155.09955 | (21021102) | 502821.98 | 3634375.90 | 164.02579 | (21021102) |
| 503021.98 | 3634375.90 | 222.35884 | (19083104) | 503071.98 | 3634375.90 | 242.73591 | (19083104) |
| 503121.98 | 3634375.90 | 264.03192 | (19083104) | 503171.98 | 3634375.90 | 287.19830 | (19083104) |
| 503221.98 | 3634375.90 | 313.27080 | (19083104) | 503271.98 | 3634375.90 | 342.24711 | (19083104) |
| 504221.98 | 3634375.90 | 1090.71813 | (20082306) | 504271.98 | | | |

3634375.90      988.97238  (20082306)
        504321.98   3634375.90      878.14607  (20082306)                504371.98
3634375.90      719.97458  (20082306)
        504421.98   3634375.90      475.11414  (20082306)                504471.98
3634375.90      369.79819  (21021007)
        504521.98   3634375.90      341.07604  (21021007)                504571.98
3634375.90      313.82969  (21021007)
        504621.98   3634375.90      290.14131  (21021007)                504671.98
3634375.90      270.67864  (21021007)
        504721.98   3634375.90      254.46923  (21021007)                502721.98
3634425.90      183.67347  (21021102)
        502771.98   3634425.90      194.43676  (21021102)                502821.98
3634425.90      206.32521  (21021102)
        504271.98   3634425.90      517.55447  (21011518)                504321.98
3634425.90      622.76421  (20082304)
        504371.98   3634425.90      596.17567  (20082306)                504421.98
3634425.90      447.61860  (20041201)
        504471.98   3634425.90      342.16140  (20011720)                504521.98
3634425.90      318.22793  (20011720)
        504571.98   3634425.90      295.73608  (20011720)                504621.98
3634425.90      275.59924  (20011720)
        504671.98   3634425.90      256.82007  (20011720)                504721.98
3634425.90      239.81171  (20011720)
        502721.98   3634475.90      206.00527  (21021102)                502771.98
3634475.90      218.40605  (21021102)
        502821.98   3634475.90      231.30376  (21021102)                504321.98
3634475.90      429.80478  (21011518)
        504371.98   3634475.90      518.93728  (20082805)                504421.98
3634475.90      474.00021  (20041201)
        504471.98   3634475.90      445.71753  (20041201)                504521.98
3634475.90      389.41930  (20041201)
        504571.98   3634475.90      359.93621  (20041201)                504621.98
3634475.90      336.61544  (20041201)
        504671.98   3634475.90      289.97238  (20041201)                504721.98
3634475.90      251.97087  (20041201)
        502721.98   3634525.90      205.06832  (21021102)                502771.98
3634525.90      214.78348  (21021102)
        504371.98   3634525.90      407.51162  (21020220)                504421.98
3634525.90      416.58026  (20082306)


                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504471.98   3634525.90      602.27991  (20082306)               504521.98
3634525.90      495.53110  (20082306)
        504571.98   3634525.90      419.79724  (20082306)               504621.98
3634525.90      367.02516  (20081806)
        504671.98   3634525.90      316.09111  (20041201)               504721.98
3634525.90      275.11329  (20041201)
        502721.98   3634575.90      182.07774  (21021102)               502771.98
3634575.90      189.12615  (21021102)
        504421.98   3634575.90      378.46212  (21020220)               504471.98
3634575.90      350.13235  (21020220)
        504521.98   3634575.90      374.75119  (20082304)               504571.98
3634575.90      449.07618  (21012820)
        504621.98   3634575.90      378.66035  (21012820)               504671.98
3634575.90      363.10075  (20081806)
        504721.98   3634575.90      332.60550  (20081806)               502721.98
3634625.90      178.15136  (19050903)
        502771.98   3634625.90      193.22663  (19050903)               502821.98
3634625.90      209.92646  (19050903)
        502871.98   3634625.90      226.76880  (19050903)               502921.98
3634625.90      243.91233  (19050903)
        502971.98   3634625.90      261.33044  (19050903)               503021.98
3634625.90      278.43194  (19050903)
        503071.98   3634625.90      294.92484  (19050903)               503121.98
3634625.90      310.43498  (19050903)
        504471.98   3634625.90      346.83951  (21020220)               504521.98
3634625.90      323.97901  (21020220)
        504571.98   3634625.90      313.19278  (21020220)               504621.98
3634625.90      376.74956  (20082303)
        504671.98   3634625.90      345.84967  (21012820)               504721.98
3634625.90      339.19135  (20081806)
        502721.98   3634675.90      192.93069  (19050903)               502771.98
3634675.90      204.57132  (19050903)
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        502821.98   3634675.90      216.30049  (19050903)                502871.98
3634675.90      227.12611  (19050903)
        502921.98   3634675.90      237.08256  (19050903)                502971.98
3634675.90      246.28535  (19050903)
        503021.98   3634675.90      253.87753  (19050903)                503071.98
3634675.90      260.55735  (19050903)
        503121.98   3634675.90      266.73952  (19050903)                503171.98
3634675.90      294.49093  (20021724)
        503221.98   3634675.90      364.96038  (21011719)                503271.98
3634675.90      424.29160  (21011719)
        503321.98   3634675.90      451.47381  (21011719)                503371.98
3634675.90      490.00492  (20022207)
        503421.98   3634675.90      596.82755  (20022207)                503471.98
3634675.90      684.64131  (20022207)
        503521.98   3634675.90      785.58500  (20022207)                504521.98
3634675.90      308.24948  (21020220)
        504571.98   3634675.90      290.84345  (21020220)                504621.98
3634675.90      307.65556  (21020220)
        504671.98   3634675.90      293.68045  (21020220)                504721.98
3634675.90      344.55490  (20082303)
        502721.98   3634725.90      187.30903  (19050903)                502771.98
3634725.90      193.24704  (19050903)
        502821.98   3634725.90      198.23467  (19050903)                502871.98
3634725.90      202.31887  (19050903)
        502921.98   3634725.90      204.76699  (19050903)                502971.98
3634725.90      205.97500  (19050903)
        503021.98   3634725.90      216.77114  (20021724)                503071.98
3634725.90      255.47939  (20021724)
        503121.98   3634725.90      302.83677  (21011719)                503171.98
3634725.90      354.26087  (21011719)
        503221.98   3634725.90      387.51512  (21011719)                503271.98
3634725.90      406.05103  (21011719)
        503321.98   3634725.90      467.34779  (20022207)                503371.98
3634725.90      553.07223  (20022207)
        503421.98   3634725.90      622.05249  (20022207)                503471.98
3634725.90      688.34000  (21012023)
        503521.98   3634725.90      758.04704  (21012023)                503571.98
3634725.90      841.75364  (21121424)
        503621.98   3634725.90      948.89823  (19121706)                504571.98
3634725.90      260.08258  (21020220)
        504621.98   3634725.90      250.65733  (21020220)                504671.98
3634725.90      271.82980  (21020220)
        504721.98   3634725.90      276.39389  (21020220)                502721.98
3634775.90      164.43399  (19050903)
        502771.98   3634775.90      164.68660  (19050903)                502821.98
3634775.90      163.98242  (19050903)
        502871.98   3634775.90      165.35409  (20021724)                502921.98
3634775.90      194.12839  (20021724)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

3634825.90 174.94093 (20021724)
502871.98 3634825.90 199.51310 (20021724) 502921.98
3634825.90 225.83976 (21011719)
502971.98 3634825.90 263.81515 (21011719) 503021.98
3634825.90 294.99624 (21011719)
503071.98 3634825.90 317.55736 (21011719) 503121.98
3634825.90 333.70232 (21011719)
503171.98 3634825.90 355.26136 (20022207) 503221.98
3634825.90 416.18776 (20022207)
503271.98 3634825.90 460.69324 (20022207) 503321.98
3634825.90 488.56105 (21012023)
503371.98 3634825.90 528.86341 (21012023) 503421.98
3634825.90 523.45360 (20040823)
503471.98 3634825.90 587.43466 (21121424) 503521.98
3634825.90 650.26525 (21121424)
503571.98 3634825.90 703.82964 (19121706) 503621.98
3634825.90 611.03164 (19121706)
503671.98 3634825.90 717.68270 (20120224) 503721.98
3634825.90 857.43509 (21021806)
503771.98 3634825.90 904.01670 (21012024) 503821.98
3634825.90 720.66677 (21012024)
503871.98 3634825.90 648.70556 (21013118) 503921.98
3634825.90 662.89914 (21013118)
504671.98 3634825.90 188.87801 (20082303) 504721.98
3634825.90 222.67285 (20082303)
502721.98 3634875.90 158.40027 (20021724) 502771.98
3634875.90 178.41066 (20021724)
502821.98 3634875.90 200.01382 (21011719) 502871.98
3634875.90 232.82575 (21011719)
502921.98 3634875.90 261.22259 (21011719) 502971.98
3634875.90 282.68285 (21011719)
503021.98 3634875.90 296.98827 (21011719) 503071.98
3634875.90 304.69873 (21011719)
503121.98 3634875.90 342.22569 (20022207) 503171.98
3634875.90 386.54753 (20022207)
503221.98 3634875.90 413.49194 (20022207) 503271.98
3634875.90 441.30125 (21012023)
503321.98 3634875.90 461.72024 (21012023) 503371.98
3634875.90 459.84147 (20040823)
503421.98 3634875.90 504.27969 (21121424) 503471.98
3634875.90 561.61368 (21121424)
503521.98 3634875.90 597.26184 (19121706) 503571.98
3634875.90 576.21069 (19121706)
503621.98 3634875.90 515.96588 (19020322) 503671.98
3634875.90 668.82495 (20120224)
503721.98 3634875.90 752.24771 (21021806) 503771.98
3634875.90 782.69445 (21012024)
503821.98 3634875.90 646.53990 (21012024) 503871.98
3634875.90 600.92228 (21013118)
503921.98 3634875.90 860.39408 (20121721) 504721.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -

503721.98 3634925.90 752.74559 (21021806) 503771.98
3634925.90 837.95022 (21012024)
503821.98 3634925.90 921.57583 (19122420) 503871.98
3634925.90 947.82519 (20092001)
502721.98 3634975.90 209.63731 (21011719) 502771.98
3634975.90 227.59862 (21011719)
502821.98 3634975.90 239.68577 (21011719) 502871.98
3634975.90 244.82296 (21011719)
502921.98 3634975.90 242.11416 (21011719) 502971.98
3634975.90 273.06724 (20022207)
503021.98 3634975.90 305.55304 (20022207) 503071.98
3634975.90 324.95963 (20022207)
503121.98 3634975.90 333.07089 (21012023) 503171.98
3634975.90 357.81850 (21012023)
503221.98 3634975.90 355.50743 (21012023) 503271.98
3634975.90 363.88492 (20040823)
503321.98 3634975.90 391.53748 (20040823) 503371.98
3634975.90 434.98368 (21121424)
503421.98 3634975.90 430.29504 (19121706) 503471.98
3634975.90 475.34163 (19121706)
503521.98 3634975.90 422.75246 (19121706) 503571.98
3634975.90 402.38061 (19020322)
503621.98 3634975.90 472.83376 (20120224) 503671.98
3634975.90 548.14372 (20120224)
503721.98 3634975.90 767.48248 (21081004) 503771.98
3634975.90 904.62852 (20071102)
503821.98 3634975.90 822.74723 (21061222) 503871.98
3634975.90 780.05176 (19122420)
502721.98 3635025.90 217.24273 (21011719) 502771.98
3635025.90 222.09929 (21011719)
502821.98 3635025.90 219.76964 (21011719) 502871.98
3635025.90 230.90431 (20022207)
502921.98 3635025.90 262.06407 (20022207) 502971.98
3635025.90 284.94273 (20022207)
503021.98 3635025.90 294.89872 (20022207) 503071.98
3635025.90 307.33013 (21012023)
503121.98 3635025.90 323.27191 (21012023) 503171.98
3635025.90 314.81826 (21012023)
503221.98 3635025.90 327.57883 (20040823) 503271.98
3635025.90 350.84566 (20040823)
503321.98 3635025.90 386.41897 (21121424) 503371.98
3635025.90 386.07790 (21121424)
503421.98 3635025.90 422.05622 (19121706) 503471.98
3635025.90 405.49473 (19121706)
503521.98 3635025.90 356.36278 (19020322) 503571.98
3635025.90 347.47874 (19020322)
503621.98 3635025.90 457.44497 (20120224) 503671.98
3635025.90 570.72554 (20120224)
503721.98 3635025.90 818.63667 (21081004) 503771.98
3635025.90 809.15863 (20071102)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503421.98 | 3635075.90 | 379.76181 | (19121706) | 503471.98 | 3635075.90 | 321.20719 | (19121706) |
| 503521.98 | 3635075.90 | 326.20555 | (19020322) | 503571.98 | 3635075.90 | 339.82659 | (20120224) |
| 503621.98 | 3635075.90 | 434.21131 | (20120224) | 503671.98 | 3635075.90 | 503821.98 | 3635025.90 | 691.53069 | (19072224) | 504371.98 | 3635025.90 | 258.48074 | (21012617) |
| 502721.98 | 3635075.90 | 200.96254 | (21011719) | 502771.98 | 3635075.90 | 196.15459 | (20022207) |
| 502821.98 | 3635075.90 | 225.05013 | (20022207) | 502871.98 | 3635075.90 | 248.91609 | (20022207) |
| 502921.98 | 3635075.90 | 263.85951 | (20022207) | 502971.98 | 3635075.90 | 266.39592 | (20022207) |
| 503021.98 | 3635075.90 | 283.42526 | (21012023) | 503071.98 | 3635075.90 | 292.12615 | (21012023) |
| 503121.98 | 3635075.90 | 279.85799 | (21012023) | 503171.98 | 3635075.90 | 296.85142 | (20040823) |
| 503221.98 | 3635075.90 | 316.78572 | (20040823) | 503271.98 | 3635075.90 | 345.13914 | (21121424) |
| 503321.98 | 3635075.90 | 352.11600 | (21121424) | 503371.98 | 3635075.90 | 371.80875 | (19121706) |

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3635075.90      535.53905  (21021806)
        503721.98   3635075.90      720.19306  (19101219)              503771.98
3635075.90      747.42723  (20071102)
        503821.98   3635075.90      643.15505  (19072224)              504371.98
3635075.90      246.28471  (20011620)
        504421.98   3635075.90      234.92639  (21012617)              504471.98
3635075.90      236.10686  (21012617)
        504521.98   3635075.90      228.09406  (21012617)              502721.98
3635125.90      194.02428  (20022207)
        502771.98   3635125.90      217.16911  (20022207)              502821.98
3635125.90      234.38604  (20022207)
        502871.98   3635125.90      242.91488  (20022207)              502921.98
3635125.90      242.64609  (21012023)
        502971.98   3635125.90      261.39456  (21012023)              503021.98
3635125.90      264.77430  (21012023)
        503071.98   3635125.90      250.11046  (21012023)              503121.98
3635125.90      270.58849  (20040823)
        503171.98   3635125.90      288.01723  (20040823)              503221.98
3635125.90      309.44523  (21121424)
        503271.98   3635125.90      321.43863  (21121424)              503321.98
3635125.90      325.17534  (19121706)
        503371.98   3635125.90      349.00345  (19121706)              503421.98
3635125.90      317.37115  (19121706)
        503471.98   3635125.90      292.61456  (19020322)              503521.98
3635125.90      288.18349  (19020322)
        503571.98   3635125.90      390.32983  (20120224)              503621.98
3635125.90      474.22666  (20120224)
        503671.98   3635125.90      561.14422  (21021806)              503721.98
3635125.90      694.43559  (19101219)
        503771.98   3635125.90      635.01796  (20071102)              503821.98
3635125.90      580.11926  (19072224)
        504371.98   3635125.90      242.06435  (20011620)              504421.98
3635125.90      225.84397  (20011620)
        504471.98   3635125.90      214.73215  (21012617)              504521.98
3635125.90      217.97109  (21012617)
        504571.98   3635125.90      212.63316  (21012617)              502721.98
3635175.90      208.10382  (20022207)
        502771.98   3635175.90      219.56446  (20022207)              502821.98
3635175.90      222.64849  (20022207)
        502871.98   3635175.90      227.72525  (21012023)              502921.98
3635175.90      241.35352  (21012023)
        502971.98   3635175.90      240.74529  (21012023)              503021.98
3635175.90      224.73019  (21012023)
        503071.98   3635175.90      247.73354  (20040823)              503121.98
3635175.90      263.24213  (20040823)
        503171.98   3635175.90      279.20803  (21121424)              503221.98
3635175.90      293.98713  (21121424)
        503271.98   3635175.90      283.91174  (19121706)              503321.98
3635175.90      316.83049  (19121706)
        503371.98   3635175.90      305.53460  (19121706)              503421.98
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3635175.90      255.00120  (19020322)
        503471.98   3635175.90      270.69118  (19020322)                503521.98
3635175.90      249.87541  (20120224)
        503571.98   3635175.90      408.27024  (20120224)                503621.98
3635175.90      486.29208  (20120224)
        503671.98   3635175.90      570.64768  (21081004)                503721.98
3635175.90      609.06198  (19101219)
        503771.98   3635175.90      576.71828  (19072223)                503821.98
3635175.90      516.62887  (19072224)
        504371.98   3635175.90      226.65217  (20011620)                504421.98
3635175.90      223.20820  (20011620)
        504471.98   3635175.90      207.93450  (20011620)                504521.98
3635175.90      197.50842  (21012617)
        504571.98   3635175.90      202.62262  (21012617)                504621.98
3635175.90      199.00169  (21012617)
        502721.98   3635225.90      205.17786  (20022207)                502771.98
3635225.90      204.36882  (20022207)
        502821.98   3635225.90      214.32318  (21012023)                502871.98
3635225.90      222.90172  (21012023)
        502921.98   3635225.90      219.33416  (21012023)                502971.98
3635225.90      203.00491  (21012023)
        503021.98   3635225.90      228.06528  (20040823)                503071.98
3635225.90      241.82944  (20040823)
        503121.98   3635225.90      252.98863  (21121424)                503171.98
3635225.90      269.92104  (21121424)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503221.98 | 3635225.90 | 258.88074 | (21121424) | 503271.98 | 3635225.90 | 285.77603 | (19121706) |
| 503321.98 | 3635225.90 | 289.39844 | (19121706) | 503371.98 | 3635225.90 | 253.23008 | (19121706) |
| 503421.98 | 3635225.90 | 246.10208 | (19020322) | 503471.98 | 3635225.90 | 244.10706 | (19020322) |
| 503521.98 | 3635225.90 | 258.43794 | (20120224) | 503571.98 | 3635225.90 | 439.61306 | (20120224) |
| 503621.98 | 3635225.90 | 572.79544 | (19031924) | 503671.98 | 3635225.90 | 589.59993 | (21081004) |
| 504371.98 | 3635225.90 | 202.69787 | (20011620) | 504421.98 | 3635225.90 | 210.93472 | (20011620) |
| 504471.98 | 3635225.90 | 206.70901 | (20011620) | 504521.98 | 3635225.90 | 192.67008 | (20011620) |
| 504571.98 | 3635225.90 | 184.08521 | (21012617) | 504621.98 | 3635225.90 | 187.87075 | (21012617) |
| 502721.98 | 3635275.90 | 187.20608 | (21012023) | 502771.98 | 3635275.90 | 201.03184 | (21012023) |
| 502821.98 | 3635275.90 | 206.10688 | (21012023) | 502871.98 | 3635275.90 | 200.61383 | (21012023) |
| 502921.98 | 3635275.90 | 187.10947 | (20040823) | 502971.98 | 3635275.90 | 210.61444 | (20040823) |
| 503021.98 | 3635275.90 | 222.65994 | (20040823) | 503071.98 | 3635275.90 | 229.65923 | (21121424) |
| 503121.98 | 3635275.90 | 247.39394 | (21121424) | 503171.98 | 3635275.90 | 241.97756 | (21121424) |
| 503221.98 | 3635275.90 | 255.89534 | (19121706) | 503271.98 | 3635275.90 | 269.70383 | (19121706) |
| 503321.98 | 3635275.90 | 249.49417 | (19121706) | 503371.98 | 3635275.90 | 217.54293 | (19020322) |
| 503421.98 | 3635275.90 | 230.24426 | (19020322) | 503471.98 | 3635275.90 | 214.57850 | (19020322) |
| 503521.98 | 3635275.90 | 262.84677 | (20120224) | 503571.98 | 3635275.90 | 370.76626 | (20120224) |
| 503621.98 | 3635275.90 | 492.25648 | (19031924) | 504371.98 | 3635275.90 | 175.93868 | (20011620) |
| 504421.98 | 3635275.90 | 226.56291 | (20011620) | 504471.98 | 3635275.90 | 198.67951 | (20011620) |
| 504521.98 | 3635275.90 | 193.07383 | (20011620) | 504571.98 | 3635275.90 | 179.62224 | (20011620) |
| 504621.98 | 3635275.90 | 182.99530 | (21012617) | 504671.98 | 3635275.90 | 175.46957 | (21012617) |
| 502721.98 | 3635325.90 | 189.05520 | (21012023) | 502771.98 | 3635325.90 | 192.62885 | (21012023) |
| 502821.98 | 3635325.90 | 186.01212 | (21012023) | 502871.98 | 3635325.90 | 175.22151 | (20040823) |

```
        502921.98   3635325.90      196.20937  (20040823)                502971.98
3635325.90      206.75767  (20040823)
        503021.98   3635325.90      210.94665  (21121424)                503071.98
3635325.90      229.75774  (21121424)
        503121.98   3635325.90      229.17067  (21121424)                503171.98
3635325.90      229.08138  (19121706)
        503221.98   3635325.90      248.85118  (19121706)                503271.98
3635325.90      241.04995  (19121706)
        503321.98   3635325.90      205.61191  (19121706)                503371.98
3635325.90      210.41802  (19020322)
        503421.98   3635325.90      209.83322  (19020322)                503471.98
3635325.90      199.12225  (20120224)
        503521.98   3635325.90      261.88320  (20120224)                503571.98
3635325.90      294.48738  (20120224)
        503621.98   3635325.90      423.44717  (19031924)                504371.98
3635325.90      173.93755  (20011620)
        504421.98   3635325.90      197.21913  (20011620)                504471.98
3635325.90      182.73399  (20011620)
        504521.98   3635325.90      185.26249  (20011620)                504571.98
3635325.90      179.69871  (20011620)
        504621.98   3635325.90      170.69136  (20011620)                504671.98
3635325.90      184.86400  (21012617)
        504721.98   3635325.90      164.40150  (21012617)                502721.98
3635375.90      206.75485  (21012023)
        502771.98   3635375.90      243.35389  (20122721)                502821.98
3635375.90      263.08417  (20122721)
        502871.98   3635375.90      270.95610  (20070801)                502921.98
3635375.90      263.93114  (20040823)
        502971.98   3635375.90      214.17726  (20040823)                503021.98
3635375.90      309.45823  (21121424)
        503071.98   3635375.90      335.26401  (19091321)                503121.98
3635375.90      239.33606  (21121424)
        503171.98   3635375.90      245.82976  (19121706)                503221.98
3635375.90      229.68575  (19121706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1074
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
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L0000911 , L0000912 , L0000913 , L0000914 , L0000915
, L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635375.90 | 206.06578 | (19121706) | 503321.98 | 3635375.90 | 188.34628 | (19020322) |
| 503371.98 | 3635375.90 | 198.23768 | (19020322) | 503421.98 | 3635375.90 | 187.42256 | (19020322) |
| 503471.98 | 3635375.90 | 206.15223 | (20120224) | 503521.98 | 3635375.90 | 256.98910 | (20120224) |
| 503571.98 | 3635375.90 | 274.81024 | (20120224) | 503621.98 | 3635375.90 | 339.49027 | (21021806) |
| 503671.98 | 3635375.90 | 451.43682 | (21081004) | 503721.98 | 3635375.90 | 481.94327 | (19101219) |
| 504371.98 | 3635375.90 | 159.58964 | (21121422) | 504421.98 | 3635375.90 | 154.81657 | (20011620) |
| 504471.98 | 3635375.90 | 160.90900 | (20011620) | 504521.98 | 3635375.90 | 171.96272 | (20011620) |
| 504571.98 | 3635375.90 | 173.78093 | (20011620) | 504621.98 | 3635375.90 | 181.94163 | (20011620) |
| 504671.98 | 3635375.90 | 183.43788 | (21122618) | 504721.98 | 3635375.90 | 171.54721 | (21012617) |
| 502721.98 | 3635425.90 | 212.05302 | (21012023) | 502771.98 | 3635425.90 | 252.34735 | (20070801) |
| 502821.98 | 3635425.90 | 269.18239 | (20070801) | 502871.98 | 3635425.90 | 275.53272 | (20070802) |
| 502921.98 | 3635425.90 | 307.49696 | (20070802) | 502971.98 | 3635425.90 | 306.54370 | (21121424) |
| 503021.98 | 3635425.90 | 326.50164 | (19091321) | 503071.98 | 3635425.90 | 337.35564 | (19091321) |
| 503121.98 | 3635425.90 | 242.76043 | (19121706) | 503171.98 | 3635425.90 | 252.58140 | (19121706) |
| 503221.98 | 3635425.90 | 204.83707 | (19121706) | 503271.98 | 3635425.90 | 200.39691 | (19121706) |
| 503321.98 | 3635425.90 | 211.96879 | (19020322) | 503371.98 | 3635425.90 | 190.05095 | (19020322) |
| 503421.98 | 3635425.90 | 165.96885 | (19020322) | 503471.98 | 3635425.90 | 226.37916 | (20120224) |
| 503521.98 | 3635425.90 | 300.21797 | (20120224) | 503571.98 | 3635425.90 | 308.43707 | (20120224) |
| 503621.98 | 3635425.90 | 327.84388 | (21021806) | 503671.98 | | | |

3635425.90      419.26189  (21081004)
        503721.98   3635425.90      455.52824  (19101219)                503771.98
3635425.90      455.45955  (20071102)
        503821.98   3635425.90      386.45450  (20071102)                504371.98
3635425.90      186.32668  (21121422)
        504421.98   3635425.90      152.85276  (21121422)                504471.98
3635425.90      171.02239  (20011620)
        504521.98   3635425.90      154.88722  (20011620)                504571.98
3635425.90      163.99690  (20011620)
        504621.98   3635425.90      190.12586  (20011620)                504671.98
3635425.90      190.61255  (21122618)
        504721.98   3635425.90      175.47594  (21122618)                502721.98
3635475.90      232.16150  (20122721)
        502771.98   3635475.90      253.48930  (20070801)                502821.98
3635475.90      257.21851  (20070802)
        502871.98   3635475.90      291.04263  (20070802)                502921.98
3635475.90      286.09651  (20070802)
        502971.98   3635475.90      311.02623  (19091321)                503021.98
3635475.90      331.37304  (19091321)
        503071.98   3635475.90      332.44382  (20042421)                503121.98
3635475.90      241.48971  (19121706)
        503171.98   3635475.90      233.27124  (19121706)                503221.98
3635475.90      206.84232  (19121706)
        503271.98   3635475.90      194.07762  (19020322)                503321.98
3635475.90      205.98791  (19020322)
        503371.98   3635475.90      193.23036  (19020322)                503421.98
3635475.90      179.59549  (20120224)
        503471.98   3635475.90      248.79193  (20120224)                503521.98
3635475.90      292.99975  (20120224)
        503571.98   3635475.90      300.94016  (20120224)                503621.98
3635475.90      330.76929  (21021806)
        503671.98   3635475.90      350.05895  (21081004)                503721.98
3635475.90      377.93034  (19101219)
        503771.98   3635475.90      424.63264  (20071102)                503821.98
3635475.90      367.76769  (20071102)
        503871.98   3635475.90      375.65357  (19013104)                503921.98
3635475.90      457.69479  (19122420)
        504371.98   3635475.90      100.42093  (21013118)                504421.98
3635475.90       92.94067  (20040223)
        504471.98   3635475.90      134.29947  (20011620)                504521.98
3635475.90      133.66914  (20011620)
        504571.98   3635475.90      173.59466  (20011620)                504621.98
3635475.90      186.67035  (20011620)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504671.98 | 3635475.90 | 182.99025 | (21122618) | 504721.98 | 3635475.90 | 247.80204 | (21122618) |
| 502221.98 | 3632975.90 | 47.28236 | (19010119) | 502271.98 | 3632975.90 | 45.59952 | (19010119) |
| 502321.98 | 3632975.90 | 43.66362 | (19010119) | 502371.98 | 3632975.90 | 52.00039 | (21030103) |
| 502421.98 | 3632975.90 | 61.70913 | (21030103) | 502471.98 | 3632975.90 | 71.80920 | (21030103) |
| 502521.98 | 3632975.90 | 81.50206 | (21030103) | 502571.98 | 3632975.90 | 90.36291 | (21030103) |
| 502621.98 | 3632975.90 | 97.56415 | (21030103) | 502671.98 | 3632975.90 | 102.36984 | (21030103) |
| 502721.98 | 3632975.90 | 105.00293 | (20121603) | 502771.98 | 3632975.90 | 120.31675 | (20121603) |
| 502821.98 | 3632975.90 | 176.96229 | (20121603) | 502871.98 | 3632975.90 | 196.47523 | (20121603) |
| 502921.98 | 3632975.90 | 190.04861 | (20092124) | 502971.98 | 3632975.90 | 177.95109 | (20090205) |
| 503021.98 | 3632975.90 | 203.96159 | (20090205) | 503071.98 | 3632975.90 | 241.31282 | (20090205) |
| 503121.98 | 3632975.90 | 235.94723 | (20090205) | 503171.98 | 3632975.90 | 221.98739 | (20102407) |
| 503221.98 | 3632975.90 | 237.00933 | (20111701) | 503271.98 | 3632975.90 | 244.66282 | (20111701) |
| 503321.98 | 3632975.90 | 266.14957 | (19081924) | 503371.98 | 3632975.90 | 300.66865 | (19081924) |
| 503421.98 | 3632975.90 | 291.69586 | (19081924) | 503471.98 | 3632975.90 | 340.87008 | (19110606) |

503621.98 3632975.90 270.25019 (20050102) 503671.98
3632975.90 252.77355 (20050102)
503721.98 3632975.90 236.54399 (21020203) 503771.98
3632975.90 206.37356 (20082921)
503821.98 3632975.90 211.95001 (20082921) 503871.98
3632975.90 189.41043 (20082921)
503921.98 3632975.90 161.25746 (20032501) 503971.98
3632975.90 181.58094 (20080820)
504021.98 3632975.90 195.09401 (20022622) 504071.98
3632975.90 193.90050 (21013120)
504121.98 3632975.90 189.88747 (21011302) 504171.98
3632975.90 183.40582 (19102905)
504221.98 3632975.90 188.76568 (21022205) 504271.98
3632975.90 192.07908 (20022403)
504321.98 3632975.90 187.45120 (21011620) 504371.98
3632975.90 183.81627 (20052501)
504421.98 3632975.90 187.03030 (21013021) 504471.98
3632975.90 180.94883 (20042404)
504521.98 3632975.90 179.09880 (21120723) 504571.98
3632975.90 177.74237 (20101423)
504621.98 3632975.90 169.87231 (20112022) 504671.98
3632975.90 178.14473 (21011323)
504721.98 3632975.90 175.49770 (21010102) 504771.98
3632975.90 173.76011 (20011902)
504821.98 3632975.90 169.36232 (19022705) 504871.98
3632975.90 169.69753 (21021820)
504921.98 3632975.90 165.14897 (20121007) 504971.98
3632975.90 165.34950 (21011520)
505021.98 3632975.90 157.75740 (21010522) 505071.98
3632975.90 155.64170 (19122301)
505121.98 3632975.90 153.19886 (20122923) 505171.98
3632975.90 145.28752 (20122923)
505221.98 3632975.90 145.25481 (20100121) 502221.98
3633025.90 49.04743 (19010119)
502271.98 3633025.90 48.28871 (19010119) 502321.98
3633025.90 46.48439 (19010119)
502371.98 3633025.90 44.56384 (19010119) 502421.98
3633025.90 54.00311 (21030103)
502471.98 3633025.90 64.28981 (21030103) 502521.98
3633025.90 74.99236 (21030103)
502571.98 3633025.90 85.33806 (21030103) 502621.98
3633025.90 94.57410 (21030103)
502671.98 3633025.90 101.61566 (21030103) 502721.98
3633025.90 105.88435 (21030103)
502771.98 3633025.90 113.39751 (20121603) 502821.98
3633025.90 189.13991 (21031822)
502871.98 3633025.90 197.15617 (20121603) 502921.98
3633025.90 199.26838 (20121603)
502971.98 3633025.90 179.65022 (20092123) 503021.98
3633025.90 213.81862 (20090205)

*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503171.98 | 3633025.90 | 216.87485 | (20102407) | 503221.98 | 3633025.90 | 234.42219 | (20082723) |
| 503271.98 | 3633025.90 | 247.74904 | (20111701) | 503321.98 | 3633025.90 | 264.44311 | (19081924) |
| 503371.98 | 3633025.90 | 305.44665 | (19081924) | 503421.98 | 3633025.90 | 301.17324 | (19081924) |
| 503471.98 | 3633025.90 | 344.66431 | (19110606) | 503621.98 | 3633025.90 | 277.15390 | (19091221) |
| 503671.98 | 3633025.90 | 259.12907 | (20050102) | 503721.98 | 3633025.90 | 249.98678 | (21020203) |
| 503771.98 | 3633025.90 | 198.73841 | (19031202) | 503821.98 | 3633025.90 | 207.72930 | (20082921) |
| 503871.98 | 3633025.90 | 192.40764 | (20082921) | 503921.98 | 3633025.90 | 166.42201 | (20080820) |
| 503971.98 | 3633025.90 | 190.65280 | (19032124) | 504021.98 | 3633025.90 | 201.91808 | (20022622) |
| 504071.98 | 3633025.90 | 201.49426 | (21013120) | 504121.98 | 3633025.90 | 192.02700 | (21011302) |
| 504171.98 | 3633025.90 | 193.88338 | (19102905) | 504221.98 | | | |

3633025.90 193.18889 (21022205)
504271.98 3633025.90 198.34440 (20022403) 504321.98
3633025.90 196.78055 (21011620)
504371.98 3633025.90 195.98077 (21013021) 504421.98
3633025.90 184.51975 (20042404)
504471.98 3633025.90 190.79779 (21120723) 504521.98
3633025.90 183.76968 (20101423)
504571.98 3633025.90 181.80128 (20112022) 504621.98
3633025.90 184.81271 (21011323)
504671.98 3633025.90 177.88336 (20031721) 504721.98
3633025.90 179.47364 (20011902)
504771.98 3633025.90 170.78817 (19022705) 504821.98
3633025.90 175.16258 (19022705)
504871.98 3633025.90 171.25486 (20121007) 504921.98
3633025.90 172.80258 (21011520)
504971.98 3633025.90 164.20896 (19121906) 505021.98
3633025.90 162.01731 (21010522)
505071.98 3633025.90 158.53328 (20122923) 505121.98
3633025.90 152.21604 (20122923)
505171.98 3633025.90 150.62728 (20100121) 505221.98
3633025.90 154.11811 (21022502)
502221.98 3633075.90 51.38978 (19010119) 502271.98
3633075.90 50.99089 (19010119)
502321.98 3633075.90 49.70309 (19010119) 502371.98
3633075.90 47.99814 (19010119)
502421.98 3633075.90 46.32433 (21030103) 502471.98
3633075.90 56.41745 (21030103)
502521.98 3633075.90 67.50324 (21030103) 502571.98
3633075.90 78.94662 (21030103)
502621.98 3633075.90 89.81735 (21030103) 502671.98
3633075.90 99.10012 (21030103)
502721.98 3633075.90 106.00558 (21030103) 502771.98
3633075.90 109.79125 (21030103)
502821.98 3633075.90 165.62789 (21031822) 502871.98
3633075.90 197.65851 (21031822)
502921.98 3633075.90 205.34983 (20121603) 502971.98
3633075.90 196.01972 (20121603)
503021.98 3633075.90 224.29001 (20092124) 503071.98
3633075.90 246.65799 (20092124)
503121.98 3633075.90 251.91052 (20092124) 503171.98
3633075.90 219.53424 (20092124)
503221.98 3633075.90 231.22842 (20082723) 503271.98
3633075.90 247.87761 (20111701)
503321.98 3633075.90 256.98493 (20111701) 503371.98
3633075.90 304.76272 (19081924)
503421.98 3633075.90 314.04676 (19081924) 503471.98
3633075.90 345.58343 (19110606)
503621.98 3633075.90 284.36185 (19091221) 503671.98
3633075.90 257.47574 (20101121)
503721.98 3633075.90 245.43209 (21020203) 503771.98

3633075.90      197.19198  (19031202)
        503821.98   3633075.90      209.72779  (20082921)                503871.98
3633075.90      196.04947  (20082921)
        503921.98   3633075.90      177.80728  (20080820)                503971.98
3633075.90      200.77229  (19032124)
        504021.98   3633075.90      207.27118  (20022622)                504071.98
3633075.90      206.97016  (21013120)
        504121.98   3633075.90      191.72450  (21011302)                504171.98
3633075.90      201.41554  (19102905)
        504221.98   3633075.90      201.62158  (19121107)                504271.98
3633075.90      199.40221  (20022403)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504321.98   3633075.90      200.25117  (21011620)                504371.98
3633075.90      202.71368  (21013021)
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        504721.98   3633075.90      183.47746  (20011902)                504771.98
3633075.90      183.81472  (19022705)

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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1078
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1079
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
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| 503671.98 | 3633225.90 | 255.51473 | (20101121) | 503721.98 | 3633225.90 | 243.18448 | (21020203) |
| 503771.98 | 3633225.90 | 212.75573 | (20032924) | 503821.98 | 3633225.90 | 232.55451 | (20110207) |
| 503871.98 | 3633225.90 | 213.35132 | (20082921) | 503921.98 | 3633225.90 | 213.81616 | (20080820) |
| 503971.98 | 3633225.90 | 232.23115 | (20022622) | 504021.98 | 3633225.90 | 232.77052 | (21013120) |
| 504071.98 | 3633225.90 | 223.52024 | (21011302) | 504121.98 | 3633225.90 | 225.55830 | (19102905) |
| 504171.98 | 3633225.90 | 224.84452 | (19121107) | 504221.98 | 3633225.90 | 220.31109 | (20022403) |
| 504271.98 | 3633225.90 | 219.77615 | (21013021) | 504321.98 | 3633225.90 | 222.74944 | (21013021) |
| 504371.98 | 3633225.90 | 219.71032 | (21120723) | 504421.98 | 3633225.90 | 212.54904 | (20101423) |
| 504471.98 | 3633225.90 | 209.29431 | (20112022) | 504521.98 | 3633225.90 | 214.52570 | (21011323) |
| 504571.98 | 3633225.90 | 211.29125 | (21010102) | 504621.98 | 3633225.90 | 206.76374 | (20011902) |
| 504671.98 | 3633225.90 | 206.20484 | (19022705) | 504721.98 | 3633225.90 | 200.15702 | (21021820) |
| 504771.98 | 3633225.90 | 201.11587 | (21011520) | 504821.98 | 3633225.90 | 192.73905 | (21010522) |
| 504871.98 | 3633225.90 | 189.53207 | (19122301) | 504921.98 | 3633225.90 | 184.28927 | (20122923) |
| 504971.98 | 3633225.90 | 176.00457 | (20100121) | 505021.98 | 3633225.90 | 180.03255 | (21022502) |
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| 505171.98 | 3633225.90 | 166.96441 | (20021702) | 505221.98 | 3633225.90 | 162.46838 | (20020804) |
| 502221.98 | 3633275.90 | 66.70314 | (21111004) | 502271.98 | 3633275.90 | 64.57255 | (21111004) |
| 502321.98 | 3633275.90 | 61.87511 | (21111004) | 502371.98 | 3633275.90 | 60.27031 | (19010119) |
| 502421.98 | 3633275.90 | 60.48825 | (19010119) | 502471.98 | 3633275.90 | 60.01600 | (19010119) |

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3633275.90      237.38637  (20022403)
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3633275.90      236.30607  (21013021)
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1080
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        503271.98   3633325.90      282.73272  (20092124)                503321.98
3633325.90      291.88839  (20082723)
        503371.98   3633325.90      321.84100  (20111701)                503421.98
3633325.90      282.02035  (20111701)
        503471.98   3633325.90      264.87198  (21020924)                503621.98
3633325.90      258.84257  (19082022)
        503671.98   3633325.90      257.45846  (20050102)                503721.98
3633325.90      263.39936  (21020203)
        503771.98   3633325.90      232.58370  (20032924)                503821.98
3633325.90      254.70995  (20110207)
        503871.98   3633325.90      226.24715  (20082921)                503921.98
3633325.90      237.93150  (20080820)
        503971.98   3633325.90      255.65619  (20022622)                504021.98
3633325.90      250.80478  (21013120)
        504071.98   3633325.90      236.24301  (19102905)                504121.98
3633325.90      243.83412  (21022205)
        504171.98   3633325.90      245.67534  (20022403)                504221.98
3633325.90      241.87726  (21011620)
        504271.98   3633325.90      244.52803  (21013021)                504321.98
3633325.90      236.93583  (21120723)
        504371.98   3633325.90      229.63095  (20101423)                504421.98
3633325.90      225.77314  (20112022)
        504471.98   3633325.90      231.21235  (21011323)                504521.98
3633325.90      228.51709  (21010102)
        504571.98   3633325.90      218.93224  (19022705)                504621.98
3633325.90      223.19896  (21021820)
        504671.98   3633325.90      218.32390  (21011520)                504721.98
3633325.90      210.55250  (19121906)
        504771.98   3633325.90      206.19091  (19122301)                504821.98
3633325.90      202.51357  (20122923)
        504871.98   3633325.90      191.20458  (20100121)                504921.98
3633325.90      195.95024  (21022502)
        504971.98   3633325.90      187.06644  (19120104)                505021.98
3633325.90      182.74993  (20021702)
        505071.98   3633325.90      179.18046  (20020804)                505121.98
3633325.90      172.80388  (20020804)
        505171.98   3633325.90      170.34141  (21012402)                505221.98
3633325.90      164.76924  (20121620)
        502221.98   3633375.90       76.50629  (21111004)                502271.98
3633375.90       76.58895  (21111004)
        502321.98   3633375.90       75.74243  (21111004)                502371.98
3633375.90       73.95230  (21111004)
        502421.98   3633375.90       71.31375  (21111004)                502471.98
3633375.90       67.84830  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502521.98 | 3633375.90 | 66.32524 | (19010119) | 502571.98 | 3633375.90 | 66.27353 | (19010119) |
| 502621.98 | 3633375.90 | 65.28216 | (19010119) | 502671.98 | 3633375.90 | 63.41989 | (19010119) |
| 502721.98 | 3633375.90 | 66.00282 | (21030103) | 502771.98 | 3633375.90 | 82.17892 | (21030103) |
| 502821.98 | 3633375.90 | 99.03968 | (21030103) | 502871.98 | 3633375.90 | 115.07993 | (21030103) |
| 502921.98 | 3633375.90 | 128.31612 | (21030103) | 502971.98 | 3633375.90 | 137.13597 | (21030103) |
| 503021.98 | 3633375.90 | 157.53037 | (20121603) | 503071.98 | 3633375.90 | 176.72001 | (20121603) |
| 503121.98 | 3633375.90 | 187.14932 | (20121603) | 503171.98 | 3633375.90 | 186.49472 | (20121603) |
| 503221.98 | 3633375.90 | 176.12856 | (20121603) | 503271.98 | 3633375.90 | 191.87357 | (21063005) |
| 503321.98 | 3633375.90 | 269.84793 | (20082723) | 503371.98 | 3633375.90 | 327.01739 | (20111701) |
| 503421.98 | 3633375.90 | 247.42493 | (19080102) | 503471.98 | 3633375.90 | 280.35148 | (21110603) |
| 503621.98 | 3633375.90 | 288.27509 | (19082022) | 503671.98 | 3633375.90 | 265.89802 | (20050102) |
| 503721.98 | 3633375.90 | 275.54559 | (21020203) | 503771.98 | 3633375.90 | 243.76843 | (20032924) |

503821.98 3633375.90 271.99663 (20082921) 503871.98
3633375.90 236.61857 (20082921)
503921.98 3633375.90 252.08560 (19032124) 503971.98
3633375.90 265.49540 (20022622)
504021.98 3633375.90 261.72902 (21011302) 504071.98
3633375.90 255.53407 (19102905)
504121.98 3633375.90 255.14528 (19121107) 504171.98
3633375.90 250.71642 (21011620)
504221.98 3633375.90 254.87592 (21013021) 504271.98
3633375.90 244.97575 (21013021)
504321.98 3633375.90 246.31833 (21120723) 504371.98
3633375.90 238.65244 (20073020)
504421.98 3633375.90 242.13225 (21011323) 504471.98
3633375.90 238.40033 (21010102)
504521.98 3633375.90 235.50091 (20011902) 504571.98
3633375.90 233.48369 (19022705)
504621.98 3633375.90 227.68340 (20121007) 504671.98
3633375.90 223.42101 (21011520)
504721.98 3633375.90 217.90329 (21010522) 504771.98
3633375.90 212.32484 (20122923)
504821.98 3633375.90 199.82018 (20100121) 504871.98
3633375.90 204.81633 (21022502)
504921.98 3633375.90 195.28036 (19120104) 504971.98
3633375.90 191.53635 (20021702)
505021.98 3633375.90 187.46327 (20020804) 505071.98
3633375.90 180.52615 (21010922)
505121.98 3633375.90 177.69040 (21012402) 505171.98
3633375.90 171.58955 (20121620)
505221.98 3633375.90 169.05938 (20022406) 502221.98
3633425.90 78.84016 (21111004)
502271.98 3633425.90 80.30794 (21111004) 502321.98
3633425.90 80.82073 (21111004)
502371.98 3633425.90 80.40603 (21111004) 502421.98
3633425.90 79.00362 (21111004)
502471.98 3633425.90 76.86210 (21111004) 502521.98
3633425.90 73.41412 (21111004)
502571.98 3633425.90 69.81614 (19010119) 502621.98
3633425.90 69.98492 (19010119)
502671.98 3633425.90 69.00381 (19010119) 502721.98
3633425.90 67.04722 (19010119)
502771.98 3633425.90 71.11060 (21030103) 502821.98
3633425.90 88.84230 (21030103)
502871.98 3633425.90 107.05117 (21030103) 502921.98
3633425.90 123.81371 (21030103)
502971.98 3633425.90 137.29277 (21030103) 503021.98
3633425.90 145.95729 (20121603)
503071.98 3633425.90 172.69288 (20121603) 503121.98
3633425.90 191.23052 (20121603)
503171.98 3633425.90 197.57538 (20121603) 503221.98
3633425.90 191.97175 (20121603)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 ,
L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503671.98 | 3633425.90 | 281.43673 | (19091221) | 503721.98 | 3633425.90 | 288.69652 | (21020203) |
| 503771.98 | 3633425.90 | 255.56120 | (20032924) | 503821.98 | 3633425.90 | 292.21780 | (20082921) |
| 503871.98 | 3633425.90 | 257.41930 | (20081802) | 503921.98 | 3633425.90 | 270.42807 | (19032124) |
| 503971.98 | 3633425.90 | 275.31410 | (21013120) | 504021.98 | 3633425.90 | 271.22541 | (21011302) |
| 504071.98 | 3633425.90 | 270.80660 | (19102905) | 504121.98 | 3633425.90 | 271.63641 | (20022403) |
| 504171.98 | 3633425.90 | 266.79144 | (21011620) | 504221.98 | 3633425.90 | 271.47962 | (21013021) |
| 504271.98 | 3633425.90 | 260.35918 | (20073022) | 504321.98 | 3633425.90 | 263.81103 | (20073020) |
| 504371.98 | 3633425.90 | 245.82525 | (20112022) | 504421.98 | | | |

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3633425.90      249.67304  (21011323)
        504471.98   3633425.90      248.54376  (20011902)              504521.98
3633425.90      245.09588  (19022705)
        504571.98   3633425.90      240.52850  (21021820)              504621.98
3633425.90      238.46125  (21011520)
        504671.98   3633425.90      230.07722  (21010522)              504721.98
3633425.90      222.68394  (20122923)
        504771.98   3633425.90      208.69138  (20100121)              504821.98
3633425.90      214.82871  (21022502)
        504871.98   3633425.90      204.65004  (19120104)              504921.98
3633425.90      201.29031  (20021702)
        504971.98   3633425.90      196.19128  (20020804)              505021.98
3633425.90      188.26018  (21010922)
        505071.98   3633425.90      184.34867  (21012402)              505121.98
3633425.90      177.67760  (20022406)
        505171.98   3633425.90      174.05940  (20022406)              505221.98
3633425.90      166.15722  (19010903)
        502221.98   3633475.90       79.08332  (21111004)              502271.98
3633475.90       82.06351  (21111004)
        502321.98   3633475.90       84.23620  (21111004)              502371.98
3633475.90       85.48484  (21111004)
        502421.98   3633475.90       85.71002  (21111004)              502471.98
3633475.90       85.11714  (21111004)
        502521.98   3633475.90       82.65330  (21111004)              502571.98
3633475.90       79.29571  (21111004)
        502621.98   3633475.90       75.03266  (21111004)              502671.98
3633475.90       73.78217  (19010119)
        504771.98   3633475.90      225.84236  (21022502)              504821.98
3633475.90      215.32341  (19120104)
        504871.98   3633475.90      212.11110  (20021702)              504921.98
3633475.90      205.81425  (20020804)
        504971.98   3633475.90      195.77187  (21010922)              505021.98
3633475.90      190.24585  (20121620)
        505071.98   3633475.90      187.19904  (20022406)              505121.98
3633475.90      178.87226  (19010903)
        505171.98   3633475.90      174.01737  (21121121)              505221.98
3633475.90      170.02979  (21120121)
        502221.98   3633525.90       77.11564  (21111004)              502271.98
3633525.90       81.56195  (21111004)
        502321.98   3633525.90       85.35153  (21111004)              502371.98
3633525.90       88.53567  (21111004)
        502421.98   3633525.90       90.72338  (21111004)              502471.98
3633525.90       91.80087  (21111004)
        502521.98   3633525.90       90.96999  (21111004)              502571.98
3633525.90       88.78194  (21111004)
        502621.98   3633525.90       85.65337  (21111004)              502671.98
3633525.90       81.32461  (21111004)
        504771.98   3633525.90      226.26273  (19120104)              504821.98
3633525.90      222.87733  (20021702)
        504871.98   3633525.90      214.82797  (20020804)              504921.98
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*** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633575.90 | 95.84353 | (21111004) | 502671.98 | 3633575.90 | 92.83314 | (21111004) |
| 504771.98 | 3633575.90 | 234.36719 | (20021702) | 504821.98 | 3633575.90 | 224.60293 | (20081805) |
| 504871.98 | 3633575.90 | 229.57413 | (20081803) | 504921.98 | 3633575.90 | 225.07889 | (20111118) |

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        504971.98   3633575.90      226.49454  (20111118)              505021.98
3633575.90      213.56901  (21011418)
        505071.98   3633575.90      199.47126  (21011418)              505121.98
3633575.90      181.60531  (21021801)
        505171.98   3633575.90      176.33006  (21011022)              505221.98
3633575.90      170.52590  (20021024)
        502221.98   3633625.90       66.67630  (21111004)              502271.98
3633625.90       72.72481  (21111004)
        502321.98   3633625.90       79.39043  (21111004)              502371.98
3633625.90       85.78110  (21111004)
        502421.98   3633625.90       91.76445  (21111004)              502471.98
3633625.90       96.54653  (21111004)
        502521.98   3633625.90      100.75288  (21111004)              502571.98
3633625.90      103.39687  (21111004)
        502621.98   3633625.90      104.50696  (21111004)              502671.98
3633625.90      103.75474  (21111004)
        504771.98   3633625.90      238.09247  (20081803)              504821.98
3633625.90      251.89620  (20081803)
        504871.98   3633625.90      245.54675  (20111118)              504921.98
3633625.90      234.11390  (20111118)
        504971.98   3633625.90      240.64182  (21011418)              505021.98
3633625.90      236.53126  (21011418)
        505071.98   3633625.90      201.99399  (21011418)              505121.98
3633625.90      181.42217  (20021024)
        505171.98   3633625.90      179.59065  (21122302)              505221.98
3633625.90      174.18707  (21122302)
        502221.98   3633675.90       74.93208  (21012320)              502271.98
3633675.90       69.94530  (21012320)
        502321.98   3633675.90       72.38464  (21111004)              502371.98
3633675.90       79.74521  (21111004)
        502421.98   3633675.90       87.30124  (21111004)              502471.98
3633675.90       94.22354  (21111004)
        502521.98   3633675.90      100.59735  (21111004)              502571.98
3633675.90      105.83883  (21111004)
        502621.98   3633675.90      109.70575  (21111004)              502671.98
3633675.90      111.84801  (21111004)
        504771.98   3633675.90      262.82389  (20081803)              504821.98
3633675.90      269.16823  (20111118)
        504871.98   3633675.90      258.08442  (21011418)              504921.98
3633675.90      265.49784  (21011418)
        504971.98   3633675.90      254.34685  (21011418)              505021.98
3633675.90      226.54121  (21011418)
        505071.98   3633675.90      191.51024  (21122302)              505121.98
3633675.90      186.59365  (21122302)
        505171.98   3633675.90      179.70276  (21011724)              505221.98
3633675.90      176.22370  (21010408)
        502221.98   3633725.90       90.15157  (21012320)              502271.98
3633725.90       85.96743  (21012320)
        502321.98   3633725.90       82.25777  (21012320)              502371.98
3633725.90       77.78928  (21012320)
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        502421.98   3633725.90       79.84228  (21111004)               502471.98
3633725.90       88.22444  (21111004)
        502521.98   3633725.90       96.42225  (21111004)               502571.98
3633725.90      104.07071  (21111004)
        502621.98   3633725.90      110.78771  (21111004)               502671.98
3633725.90      116.07867  (21111004)
        504771.98   3633725.90      303.58316  (20111118)               504821.98
3633725.90      289.52655  (21011418)
        504871.98   3633725.90      288.91661  (21011418)               504921.98
3633725.90      265.13313  (21011418)
        504971.98   3633725.90      229.13010  (21011418)               505021.98
3633725.90      205.99787  (20081722)
        505071.98   3633725.90      193.51786  (21011724)               505121.98
3633725.90      187.81982  (21010408)
        505171.98   3633725.90      181.75338  (21011720)               505221.98
3633725.90      175.04278  (21011221)
        502221.98   3633775.90      104.55788  (21012320)               502271.98
3633775.90      101.78387  (21012320)
        502321.98   3633775.90       99.87608  (21012320)               502371.98
3633775.90       96.25382  (21012320)
        502421.98   3633775.90       92.18114  (21012320)               502471.98
3633775.90       86.90695  (21012320)
        502521.98   3633775.90       88.52154  (21111004)               502571.98
3633775.90       97.97960  (21111004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1084
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                   L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                   L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915

, L0000916    , L0000917    ,  . . .      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3633975.90 | 160.63403 | (21012320) | 502671.98 | 3633975.90 | 161.11008 | (21012320) |
| 504771.98 | 3633975.90 | 283.63012 | (20072623) | 504821.98 | 3633975.90 | 265.29257 | (20090223) |
| 504871.98 | 3633975.90 | 261.16033 | (20081804) | 504921.98 | 3633975.90 | 243.65455 | (20081804) |
| 504971.98 | 3633975.90 | 216.73639 | (19121305) | 505021.98 | 3633975.90 | 206.55077 | (19121305) |
| 505071.98 | 3633975.90 | 195.55688 | (20082223) | 505121.98 | 3633975.90 | 191.68533 | (20082223) |
| 505171.98 | 3633975.90 | 186.27337 | (20082223) | 505221.98 | 3633975.90 | 178.92529 | (20082223) |
| 502221.98 | 3634025.90 | 105.22587 | (21012320) | 502271.98 | 3634025.90 | 112.62160 | (21012320) |
| 502321.98 | 3634025.90 | 121.16181 | (21012320) | 502371.98 | 3634025.90 | 130.16580 | (21012320) |
| 502421.98 | 3634025.90 | 138.91243 | (21012320) | 502471.98 | 3634025.90 | 147.45981 | (21012320) |
| 502521.98 | 3634025.90 | 155.70976 | (21012320) | 502571.98 | 3634025.90 | 163.45411 | (21012320) |
| 502621.98 | 3634025.90 | 170.56815 | (21012320) | 502671.98 | 3634025.90 | 176.22181 | (21012320) |
| 504771.98 | 3634025.90 | 296.97641 | (20081804) | 504821.98 | 3634025.90 | 293.06290 | (20081804) |
| 504871.98 | 3634025.90 | 265.11346 | (20081804) | 504921.98 | 3634025.90 | 232.22972 | (20081804) |
| 504971.98 | 3634025.90 | 208.95643 | (19011923) | 505021.98 | 3634025.90 | 199.22176 | (19012803) |
| 505071.98 | 3634025.90 | 190.41821 | (19012803) | 505121.98 | 3634025.90 | 186.06038 | (21121821) |
| 505171.98 | 3634025.90 | 180.40946 | (21121821) | 505221.98 | 3634025.90 | 176.35638 | (20121224) |
| 502221.98 | 3634075.90 | 94.87582 | (19083104) | 502271.98 | 3634075.90 | 96.69392 | (21012320) |
| 502321.98 | 3634075.90 | 105.63921 | (21012320) | 502371.98 | 3634075.90 | 115.07577 | (21012320) |
| 502421.98 | 3634075.90 | 124.86483 | (21012320) | 502471.98 | 3634075.90 | 135.26226 | (21012320) |

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        502521.98   3634075.90      146.16239  (21012320)                502571.98
3634075.90      157.52561  (21012320)
        502621.98   3634075.90      168.20553  (21012320)                502671.98
3634075.90      178.87854  (21012320)
        504771.98   3634075.90      293.46629  (20081804)                504821.98
3634075.90      269.19678  (20081804)
        504871.98   3634075.90      229.26822  (19012803)                504921.98
3634075.90      218.08877  (21121821)
        504971.98   3634075.90      206.89646  (20121224)                505021.98
3634075.90      198.91168  (20121224)
        505071.98   3634075.90      189.94914  (20020703)                505121.98
3634075.90      184.60266  (20020703)
        505171.98   3634075.90      179.55692  (20020703)                505221.98
3634075.90      173.35705  (20020703)
        502221.98   3634125.90      104.91458  (19083104)                502271.98
3634125.90      107.44271  (19083104)
        502321.98   3634125.90      109.40951  (19083104)                502371.98
3634125.90      111.56566  (19083104)
        502421.98   3634125.90      113.25150  (19083104)                502471.98
3634125.90      116.54667  (21012320)
        502521.98   3634125.90      127.95388  (21012320)                502571.98
3634125.90      140.09882  (21012320)
        502621.98   3634125.90      153.79207  (21012320)                502671.98
3634125.90      167.81380  (21012320)
        504771.98   3634125.90      254.24357  (20121224)                504821.98
3634125.90      241.39389  (20121224)
        504871.98   3634125.90      227.96522  (20020703)                504921.98
3634125.90      213.89677  (20020703)
        504971.98   3634125.90      199.77676  (20020703)                505021.98
3634125.90      187.04929  (20032124)
        505071.98   3634125.90      184.17288  (21122121)                505121.98
3634125.90      183.41847  (21122121)
        505171.98   3634125.90      181.70025  (21122121)                505221.98
3634125.90      178.76861  (21122121)
        502221.98   3634175.90      109.20817  (19083104)                502271.98
3634175.90      113.05443  (19083104)
        502321.98   3634175.90      116.61488  (19083104)                502371.98
3634175.90      121.94751  (19083104)
        502421.98   3634175.90      125.59129  (19083104)                502471.98
3634175.90      129.14834  (19083104)
        502521.98   3634175.90      132.45650  (19083104)                502571.98
3634175.90      135.84371  (19083104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1086
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634175.90 | 139.07220 | (19083104) | 502671.98 | 3634175.90 | 144.25879 | (21012320) |
| 504771.98 | 3634175.90 | 236.75081 | (20032124) | 504821.98 | 3634175.90 | 233.38292 | (21122121) |
| 504871.98 | 3634175.90 | 226.94930 | (21122121) | 504921.98 | 3634175.90 | 217.23222 | (21122121) |
| 504971.98 | 3634175.90 | 207.91408 | (20121803) | 505021.98 | 3634175.90 | 200.73040 | (20121803) |
| 505071.98 | 3634175.90 | 192.27047 | (20121803) | 505121.98 | 3634175.90 | 185.64995 | (20121803) |
| 505171.98 | 3634175.90 | 180.96145 | (21122201) | 505221.98 | 3634175.90 | 183.10702 | (20080321) |
| 502221.98 | 3634225.90 | 107.91425 | (19083104) | 502271.98 | 3634225.90 | 112.47681 | (19083104) |
| 502321.98 | 3634225.90 | 118.13313 | (19083104) | 502371.98 | 3634225.90 | 124.26112 | (19083104) |
| 502421.98 | 3634225.90 | 129.77693 | (19083104) | 502471.98 | 3634225.90 | 135.25559 | (19083104) |
| 502521.98 | 3634225.90 | 140.60388 | (19083104) | 502571.98 | 3634225.90 | 146.48488 | (19083104) |
| 502621.98 | 3634225.90 | 152.33673 | (19083104) | 502671.98 | 3634225.90 | 158.51736 | (19083104) |
| 504771.98 | 3634225.90 | 251.93449 | (20121803) | 504821.98 | 3634225.90 | 236.32867 | (21122201) |
| 504871.98 | 3634225.90 | 224.63610 | (21122201) | 504921.98 | 3634225.90 | 211.80469 | (21122201) |
| 504971.98 | 3634225.90 | 202.92790 | (19021906) | 505021.98 | 3634225.90 | 194.23138 | (19021906) |
| 505071.98 | 3634225.90 | 185.72095 | (19021906) | 505121.98 | | | |

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3634225.90      179.82183  (19021906)
        505171.98   3634225.90      172.84059  (19021906)                505221.98
3634225.90      182.34576  (20080321)
        502221.98   3634275.90      100.36332  (19083104)                502271.98
3634275.90      105.42137  (19083104)
        502321.98   3634275.90      111.28831  (19083104)                502371.98
3634275.90      118.18793  (19083104)
        502421.98   3634275.90      124.51074  (19083104)                502471.98
3634275.90      131.07006  (19083104)
        502521.98   3634275.90      138.08178  (19083104)                502571.98
3634275.90      145.42996  (19083104)
        502621.98   3634275.90      153.46495  (19083104)                502671.98
3634275.90      161.93732  (19083104)
        504771.98   3634275.90      243.92339  (20013123)                504821.98
3634275.90      233.58114  (20013123)
        504871.98   3634275.90      223.28181  (20013123)                504921.98
3634275.90      212.87967  (20013123)
        504971.98   3634275.90      204.54018  (20013123)                505021.98
3634275.90      193.98701  (20013123)
        505071.98   3634275.90      185.37570  (20013123)                505121.98
3634275.90      180.06209  (20013123)
        505171.98   3634275.90      171.71195  (20013123)                505221.98
3634275.90      176.94600  (19031020)
        502221.98   3634325.90       88.00288  (19083104)                502271.98
3634325.90       93.09250  (19083104)
        502321.98   3634325.90       98.46694  (19083104)                502371.98
3634325.90      104.26534  (19083104)
        502421.98   3634325.90      110.46054  (19083104)                502471.98
3634325.90      117.03743  (19083104)
        502521.98   3634325.90      124.22262  (19083104)                502571.98
3634325.90      131.95527  (19083104)
        502621.98   3634325.90      140.31215  (19083104)                502671.98
3634325.90      149.55085  (19083104)
        504771.98   3634325.90      232.98608  (21013019)                504821.98
3634325.90      220.34858  (21013019)
        504871.98   3634325.90      208.28171  (21013019)                504921.98
3634325.90      200.88100  (20092120)
        504971.98   3634325.90      198.97293  (20092120)                505021.98
3634325.90      186.12281  (20092120)
        505071.98   3634325.90      180.30185  (20092120)                505121.98
3634325.90      184.81688  (20092120)
        505171.98   3634325.90      175.75689  (20092120)                505221.98
3634325.90      176.49041  (20092120)
        502221.98   3634375.90       96.72253  (21021102)                502271.98
3634375.90      100.43607  (21021102)
        502321.98   3634375.90      103.87246  (21021102)                502371.98
3634375.90      107.64664  (21021102)
        502421.98   3634375.90      112.50384  (21021102)                502471.98
3634375.90      117.71923  (21021102)
        502521.98   3634375.90      123.57555  (21021102)                502571.98
```

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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        502621.98   3634425.90      167.62510  (21021102)              502671.98
3634425.90      176.41646  (21021102)
        504771.98   3634425.90      225.76702  (20011720)              504821.98
3634425.90      220.29162  (20082306)
        504871.98   3634425.90      241.50773  (20082306)              504921.98
3634425.90      252.31320  (20082306)
        504971.98   3634425.90      230.14689  (20082306)              505021.98
3634425.90      219.91839  (20082306)
        505071.98   3634425.90      221.91395  (20082306)              505121.98
3634425.90      219.92367  (20082306)
        505171.98   3634425.90      208.50236  (20082306)              505221.98
3634425.90      198.63026  (20082306)
        502221.98   3634475.90      131.64027  (21021102)              502271.98
3634475.90      137.01879  (21021102)
        502321.98   3634475.90      142.68102  (21021102)              502371.98
3634475.90      148.74096  (21021102)
        502421.98   3634475.90      155.22238  (21021102)              502471.98
3634475.90      162.07701  (21021102)
        502521.98   3634475.90      169.78447  (21021102)              502571.98
3634475.90      177.93654  (21021102)
        502621.98   3634475.90      186.73657  (21021102)              502671.98
3634475.90      196.32328  (21021102)
        504771.98   3634475.90      230.06726  (20041201)              504821.98
3634475.90      222.48363  (20041201)
        504871.98   3634475.90      235.69805  (20041201)              504921.98
3634475.90      263.36032  (20041201)
        504971.98   3634475.90      243.10555  (20041201)              505021.98
3634475.90      234.32741  (20082306)
        505071.98   3634475.90      230.89439  (20082306)              505121.98
3634475.90      221.31204  (20082306)
        505171.98   3634475.90      209.53806  (20082306)              505221.98
3634475.90      199.12015  (20082306)
        502221.98   3634525.90      136.32434  (21021102)              502271.98
3634525.90      141.32935  (21021102)
        502321.98   3634525.90      146.69138  (21021102)              502371.98
3634525.90      152.44606  (21021102)
        502421.98   3634525.90      158.46449  (21021102)              502471.98
3634525.90      164.93795  (21021102)
        502521.98   3634525.90      171.78822  (21021102)              502571.98
3634525.90      179.26490  (21021102)
        502621.98   3634525.90      187.21569  (21021102)              502671.98
3634525.90      196.11285  (21021102)
        504771.98   3634525.90      245.79507  (20041201)              504821.98
3634525.90      237.85640  (20041201)
        504871.98   3634525.90      259.73577  (20041201)              504921.98
3634525.90      297.71774  (20041201)
        504971.98   3634525.90      297.54612  (20041201)              505021.98
3634525.90      283.66407  (20041201)
        505071.98   3634525.90      270.14272  (20041201)              505121.98
3634525.90      251.85889  (20041201)
```

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        502621.98   3634575.90      169.40402  (21021102)                502671.98
3634575.90      175.75676  (21021102)
        504771.98   3634575.90      299.82621  (20081806)                504821.98
3634575.90      278.77571  (20081806)
        504871.98   3634575.90      289.52713  (20041201)                504921.98
3634575.90      306.66395  (20041201)
        504971.98   3634575.90      299.23574  (20041201)                505021.98
3634575.90      285.32480  (20041201)
        505071.98   3634575.90      272.57998  (20041201)                505121.98
3634575.90      259.32086  (20041201)
        505171.98   3634575.90      230.73252  (20041201)                505221.98

3634575.90 216.74380 (20041201)
502221.98 3634625.90 115.99842 (21021102) 502271.98
3634625.90 118.58314 (21021102)
502321.98 3634625.90 120.85159 (21021102) 502371.98
3634625.90 123.62431 (21021102)
502421.98 3634625.90 126.47587 (21021102) 502471.98
3634625.90 129.45925 (21021102)
502521.98 3634625.90 132.75249 (21021102) 502571.98
3634625.90 139.24323 (19050903)
502621.98 3634625.90 151.21165 (19050903) 502671.98
3634625.90 164.13583 (19050903)
504771.98 3634625.90 332.35152 (20081806) 504821.98
3634625.90 316.86125 (20081806)
504871.98 3634625.90 305.41702 (20081806) 504921.98
3634625.90 295.95852 (20081806)
504971.98 3634625.90 287.27180 (20081806) 505021.98
3634625.90 270.87985 (20081806)
505071.98 3634625.90 253.51873 (20041201) 505121.98
3634625.90 242.39027 (20041201)
505171.98 3634625.90 210.79366 (20041201) 505221.98
3634625.90 197.42892 (20041201)
502221.98 3634675.90 100.31247 (19101801) 502271.98
3634675.90 105.76829 (19050903)
502321.98 3634675.90 113.56999 (19050903) 502371.98
3634675.90 121.54997 (19050903)
502421.98 3634675.90 130.25071 (19050903) 502471.98
3634675.90 139.49180 (19050903)
502521.98 3634675.90 149.25617 (19050903) 502571.98
3634675.90 159.68325 (19050903)
502621.98 3634675.90 170.53485 (19050903) 502671.98
3634675.90 181.49609 (19050903)
504771.98 3634675.90 319.66866 (21012820) 504821.98
3634675.90 309.85026 (21012820)
504871.98 3634675.90 302.00900 (20081806) 504921.98
3634675.90 295.12030 (20081806)
504971.98 3634675.90 289.95473 (20081806) 505021.98
3634675.90 278.48131 (20081806)
505071.98 3634675.90 256.50788 (20081806) 505121.98
3634675.90 244.04956 (20081806)
505171.98 3634675.90 218.11739 (20081806) 505221.98
3634675.90 198.54859 (20081806)
502221.98 3634725.90 113.51668 (19050903) 502271.98
3634725.90 120.52962 (19050903)
502321.98 3634725.90 127.31307 (19050903) 502371.98
3634725.90 134.66788 (19050903)
502421.98 3634725.90 142.66715 (19050903) 502471.98
3634725.90 150.51481 (19050903)
502521.98 3634725.90 158.15366 (19050903) 502571.98
3634725.90 166.09558 (19050903)
502621.98 3634725.90 173.59837 (19050903) 502671.98

        502621.98   3634775.90      160.56862  (19050903)                502671.98
3634775.90      163.05401  (19050903)

504771.98 3634775.90 281.00452 (20082303) 504821.98 3634775.90 308.02236 (20081401)
504871.98 3634775.90 325.49543 (20081401) 504921.98 3634775.90 271.30707 (19022319)
504971.98 3634775.90 249.70117 (19022319) 505021.98 3634775.90 218.41234 (19022319)
505071.98 3634775.90 213.51052 (20081806) 505121.98 3634775.90 208.85259 (20081806)
505171.98 3634775.90 186.95728 (20081806) 505221.98 3634775.90 177.72739 (20081806)
502221.98 3634825.90 122.93499 (19050903) 502271.98 3634825.90 126.51300 (19050903)
502321.98 3634825.90 129.44743 (19050903) 502371.98 3634825.90 132.07728 (19050903)
502421.98 3634825.90 133.92290 (19050903) 502471.98 3634825.90 135.09068 (19050903)
502521.98 3634825.90 136.67478 (19050903) 502571.98 3634825.90 136.85430 (19050903)
502621.98 3634825.90 136.01959 (19050903) 502671.98 3634825.90 134.20129 (19050903)
504771.98 3634825.90 276.21849 (20082303) 504821.98 3634825.90 328.15129 (20081401)
504871.98 3634825.90 282.34813 (20081401) 504921.98 3634825.90 257.74495 (19030607)
504971.98 3634825.90 229.44178 (20082024) 505021.98 3634825.90 191.74392 (20082024)
505071.98 3634825.90 181.88460 (20082303) 505121.98 3634825.90 179.12183 (19022319)
505171.98 3634825.90 163.33654 (19022319) 505221.98 3634825.90 155.51595 (19022319)
502221.98 3634875.90 115.40329 (19050903) 502271.98 3634875.90 116.11630 (19050903)
502321.98 3634875.90 116.59099 (19050903) 502371.98 3634875.90 116.60423 (19050903)
502421.98 3634875.90 115.90414 (19050903) 502471.98 3634875.90 114.48848 (19050903)
502521.98 3634875.90 112.34834 (19050903) 502571.98 3634875.90 111.61004 (19022707)
502621.98 3634875.90 121.65282 (20021724) 502671.98 3634875.90 139.51782 (20021724)
504771.98 3634875.90 219.80727 (20082303) 504821.98 3634875.90 259.42773 (20082303)
504871.98 3634875.90 261.98028 (19042006) 504921.98 3634875.90 263.33566 (20082024)
504971.98 3634875.90 236.88859 (20082024) 505021.98 3634875.90 199.64885 (20082024)
505071.98 3634875.90 176.51169 (20082024) 505121.98 3634875.90 171.61504 (20082024)
505171.98 3634875.90 155.54331 (20082024) 505221.98 3634875.90 151.65460 (20082303)

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        502221.98   3634925.90      100.93059  (19050903)                502271.98
3634925.90       99.65162  (19050903)
        502321.98   3634925.90       98.00968  (19050903)                502371.98
3634925.90       95.77431  (19050903)
        502421.98   3634925.90       96.54421  (19022707)                502471.98
3634925.90      102.22650  (19022707)
        502521.98   3634925.90      113.98468  (20021724)                502571.98
3634925.90      128.96716  (20021724)
        502621.98   3634925.90      144.69176  (20021724)                502671.98
3634925.90      160.98657  (20021724)
        504771.98   3634925.90      133.49729  (21071520)                504821.98
3634925.90      222.74121  (19022007)
        504871.98   3634925.90      281.95251  (20010802)                504921.98
3634925.90      265.27923  (20082106)
        504971.98   3634925.90      240.84188  (20082024)                505021.98
3634925.90      204.15631  (20082024)
        505071.98   3634925.90      180.94259  (20082024)                505121.98
3634925.90      178.16079  (20082024)
        505171.98   3634925.90      168.58497  (20082024)                505221.98
3634925.90      162.27006  (20082024)
        502221.98   3634975.90       82.78297  (19050903)                502271.98
3634975.90       84.99677  (19022707)
        502321.98   3634975.90       89.64169  (19022707)                502371.98
3634975.90       94.97769  (20021724)
        502421.98   3634975.90      107.09947  (20021724)                502471.98
3634975.90      119.73326  (20021724)
        502521.98   3634975.90      132.99880  (20021724)                502571.98
3634975.90      146.18118  (20021724)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1090
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502621.98 | 3634975.90 | 162.06494 | (21011719) | 502671.98 | 3634975.90 | 187.12857 | (21011719) |
| 504821.98 | 3634975.90 | 231.15806 | (20092620) | 504871.98 | 3634975.90 | 280.06461 | (20010802) |
| 504921.98 | 3634975.90 | 281.21539 | (20082106) | 504971.98 | 3634975.90 | 250.34098 | (20082106) |
| 505021.98 | 3634975.90 | 208.32128 | (20082106) | 505071.98 | 3634975.90 | 186.42704 | (20082024) |
| 505121.98 | 3634975.90 | 194.06966 | (20082024) | 505171.98 | 3634975.90 | 188.94567 | (20082024) |
| 505221.98 | 3634975.90 | 180.27907 | (20082024) | 502221.98 | 3635025.90 | 83.58277 | (19022707) |
| 502271.98 | 3635025.90 | 90.44268 | (20021724) | 502321.98 | 3635025.90 | 100.89755 | (20021724) |
| 502371.98 | 3635025.90 | 111.73716 | (20021724) | 502421.98 | 3635025.90 | 122.95346 | (20021724) |
| 502471.98 | 3635025.90 | 133.97861 | (20021724) | 502521.98 | 3635025.90 | 147.77795 | (21011719) |
| 502571.98 | 3635025.90 | 169.78829 | (21011719) | 502621.98 | 3635025.90 | 189.82671 | (21011719) |
| 502671.98 | 3635025.90 | 206.11726 | (21011719) | 504871.98 | 3635025.90 | 258.11281 | (20092620) |
| 504921.98 | 3635025.90 | 299.84386 | (20092620) | 504971.98 | 3635025.90 | 268.54805 | (20082106) |
| 505021.98 | 3635025.90 | 232.33925 | (20082106) | 505071.98 | 3635025.90 | 211.72675 | (20082106) |
| 505121.98 | 3635025.90 | 208.66314 | (20082106) | 505171.98 | 3635025.90 | 198.23105 | (20082024) |
| 505221.98 | 3635025.90 | 192.30950 | (20082024) | 502221.98 | 3635075.90 | 95.23074 | (20021724) |
| 502271.98 | 3635075.90 | 104.59352 | (20021724) | 502321.98 | 3635075.90 | 114.19273 | (20021724) |
| 502371.98 | 3635075.90 | 123.50942 | (20021724) | 502421.98 | 3635075.90 | 135.54521 | (21011719) |
| 502471.98 | 3635075.90 | 155.02477 | (21011719) | 502521.98 | 3635075.90 | 172.89902 | (21011719) |
| 502571.98 | 3635075.90 | 187.67113 | (21011719) | 502621.98 | 3635075.90 | 197.92096 | (21011719) |
| 502671.98 | 3635075.90 | 202.61155 | (21011719) | 504921.98 | 3635075.90 | 289.48391 | (19030707) |
| 504971.98 | 3635075.90 | 294.38231 | (20092620) | 505021.98 | 3635075.90 | 250.61699 | (20082302) |
| 505071.98 | 3635075.90 | 241.66471 | (20082106) | 505121.98 | | | |

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3635075.90      238.55888  (20082106)
        505171.98   3635075.90      230.70919  (20082106)                505221.98
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3635125.90      142.28217  (21011719)
        502421.98   3635125.90      158.27396  (21011719)                502471.98
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        502621.98   3635125.90      184.78776  (21011719)                502671.98
3635125.90      177.79001  (21011719)
        505021.98   3635125.90      291.67371  (20092620)                505071.98
3635125.90      271.37899  (20082302)
        505121.98   3635125.90      257.38449  (20092620)                505171.98
3635125.90      232.96676  (20092620)
        505221.98   3635125.90      231.27814  (20082106)                502221.98
3635175.90      115.76371  (21011719)
        502271.98   3635175.90      131.17975  (21011719)                502321.98
3635175.90      145.56056  (21011719)
        502371.98   3635175.90      157.68499  (21011719)                502421.98
3635175.90      166.49667  (21011719)
        502471.98   3635175.90      171.05757  (21011719)                502521.98
3635175.90      170.68890  (21011719)
        502571.98   3635175.90      165.05275  (21011719)                502621.98
3635175.90      168.00642  (20022207)
        502671.98   3635175.90      189.94354  (20022207)                505121.98
3635175.90      214.26698  (19030707)
        505171.98   3635175.90      212.77448  (20092620)                505221.98
3635175.90      228.29618  (20092620)
        502221.98   3635225.90      134.42611  (21011719)                502271.98
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        502421.98   3635225.90      158.26883  (21011719)                502471.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1091
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000310    , L0000311    , L0000312    ,
                L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502521.98   3635225.90      145.92950  (20022207)               502571.98
3635225.90      166.22919  (20022207)
        502621.98   3635225.90      184.14822  (20022207)               502671.98
3635225.90      197.84339  (20022207)
        502221.98   3635275.90      177.43679  (21011719)               502271.98
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        502321.98   3635275.90      149.74967  (21011719)               502371.98
3635275.90      153.76791  (21011719)
        502421.98   3635275.90      140.14437  (21011719)               502471.98
3635275.90      145.94938  (20022207)
        502521.98   3635275.90      172.91639  (19013101)               502571.98
3635275.90      177.48882  (20022207)
        502621.98   3635275.90      186.90373  (20022207)               502671.98
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        502221.98   3635325.90      228.33096  (21011719)               502271.98
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        502321.98   3635325.90      187.33767  (21011719)               502371.98
3635325.90      175.74523  (21011719)
        502421.98   3635325.90      182.11173  (19013101)               502471.98
3635325.90      198.87766  (19013101)
        502521.98   3635325.90      196.18790  (20022207)               502571.98
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        502621.98   3635325.90      193.02647  (20022207)               502671.98
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3635375.90      207.02051  (21012023)
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        502521.98   3635425.90      220.85959  (20122320)                502571.98
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        502771.98   3635525.90      246.56600  (20070802)                502821.98
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 ,
L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 503271.98 | 3635525.90 | 330.28117 | (20091222) | 503321.98 | 3635525.90 | 332.27570 | (19111601) |
| 503371.98 | 3635525.90 | 352.26845 | (20033120) | 503421.98 | 3635525.90 | 365.08427 | (19071201) |
| 503471.98 | 3635525.90 | 409.40894 | (20101023) | 503521.98 | 3635525.90 | 398.20282 | (19031924) |
| 503571.98 | 3635525.90 | 384.35202 | (19031924) | 503621.98 | 3635525.90 | 332.56525 | (21021806) |
| 503671.98 | 3635525.90 | 320.78890 | (19101219) | 503721.98 | 3635525.90 | 343.85734 | (19101219) |
| 503771.98 | 3635525.90 | 363.12497 | (20071102) | 503821.98 | 3635525.90 | 325.71884 | (20071102) |
| 503871.98 | 3635525.90 | 312.99777 | (19013104) | 503921.98 | 3635525.90 | 409.13665 | (19122420) |
| 503971.98 | 3635525.90 | 385.71938 | (19122420) | 504021.98 | 3635525.90 | 332.06126 | (20092001) |
| 504071.98 | 3635525.90 | 206.74222 | (21013118) | 504121.98 | 3635525.90 | 203.05420 | (21013118) |
| 504171.98 | 3635525.90 | 233.82762 | (21013118) | 504221.98 | 3635525.90 | 198.94680 | (21013118) |
| 504271.98 | 3635525.90 | 173.71184 | (21013118) | 504321.98 | 3635525.90 | 140.73507 | (21013118) |
| 504371.98 | 3635525.90 | 108.46082 | (21013118) | 504421.98 | 3635525.90 | 81.26184 | (21013118) |
| 504471.98 | 3635525.90 | 91.65284 | (20040223) | 504521.98 | | | |

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503921.98 3635575.90 384.70106 (19122420) 503971.98

3635575.90      378.41861  (19122420)
        504021.98   3635575.90      176.33997  (20092001)                504071.98
3635575.90      172.91762  (21013118)
        504121.98   3635575.90      217.96725  (21013118)                504171.98
3635575.90      236.91269  (21013118)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        504221.98   3635575.90      205.46356  (21013118)                504271.98
3635575.90      175.72405  (21013118)
        504321.98   3635575.90      147.22951  (21013118)                504371.98
3635575.90      116.05040  (21013118)
        504421.98   3635575.90       88.42225  (21013118)                504471.98
3635575.90       77.80685  (20040223)
        504521.98   3635575.90       90.89592  (20011620)                504571.98
3635575.90      109.24521  (20011620)
        504621.98   3635575.90      156.84528  (20011620)                504671.98
3635575.90      169.85404  (20011620)
        504721.98   3635575.90      185.12060  (20011620)                504771.98
3635575.90      210.29280  (21122618)
        504821.98   3635575.90      234.16513  (21122618)                504871.98
3635575.90      230.09363  (21122618)
        504921.98   3635575.90      165.14278  (21122618)                504971.98
3635575.90      191.02296  (21122618)

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        505021.98   3635575.90      172.73501  (20091421)              505071.98
3635575.90      171.19178  (19102623)
        505121.98   3635575.90      201.45666  (19102623)              505171.98
3635575.90      187.96878  (19102623)
        505221.98   3635575.90      198.39448  (19102623)              502221.98
3635625.90      207.65407  (20122320)
        502271.98   3635625.90      210.98915  (19083024)              502321.98
3635625.90      208.48445  (20071201)
        502371.98   3635625.90      203.55377  (21012023)              502421.98
3635625.90      210.28518  (21012023)
        502471.98   3635625.90      204.07113  (21072005)              502521.98
3635625.90      213.97498  (20122721)
        502571.98   3635625.90      216.89074  (20070801)              502621.98
3635625.90      216.48406  (20070801)
        502671.98   3635625.90      223.08740  (20070802)              502721.98
3635625.90      257.99658  (20070802)
        502771.98   3635625.90      267.56223  (20070802)              502821.98
3635625.90      270.18602  (21121424)
        502871.98   3635625.90      296.46389  (19091321)              502921.98
3635625.90      302.55435  (19071423)
        502971.98   3635625.90      330.08359  (20042421)              503021.98
3635625.90      325.42977  (20042421)
        503071.98   3635625.90      289.30625  (20110924)              503121.98
3635625.90      330.33961  (20110924)
        503171.98   3635625.90      323.54856  (19073101)              503221.98
3635625.90      328.53498  (20091222)
        503271.98   3635625.90      325.56415  (19111601)              503321.98
3635625.90      327.28330  (20033120)
        503371.98   3635625.90      350.23404  (20033120)              503421.98
3635625.90      377.15664  (20101023)
        503471.98   3635625.90      360.12910  (20120224)              503521.98
3635625.90      351.27813  (20120224)
        503571.98   3635625.90      360.68586  (20090823)              503621.98
3635625.90      373.27457  (21081004)
        503671.98   3635625.90      365.65589  (19101219)              503721.98
3635625.90      356.03968  (19101219)
        503771.98   3635625.90      358.87408  (20071102)              503821.98
3635625.90      310.17287  (20071102)
        503871.98   3635625.90      276.42306  (21061222)              503921.98
3635625.90      355.28983  (19122420)
        503971.98   3635625.90      361.59015  (19122420)              504021.98
3635625.90      177.26866  (20092001)
        504071.98   3635625.90      156.10581  (21013118)              504121.98
3635625.90      201.51677  (21013118)
        504171.98   3635625.90      224.55468  (21013118)              504221.98
3635625.90      221.09360  (21013118)
        504271.98   3635625.90      193.05435  (21013118)              504321.98
3635625.90      152.06173  (21013118)
        504371.98   3635625.90      123.15688  (21013118)              504421.98
3635625.90       95.30734  (21013118)
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        504471.98   3635625.90       72.13277  (21013118)               504521.98
3635625.90       78.24946  (20040223)
        504571.98   3635625.90       90.56568  (20011620)               504621.98
3635625.90      110.29023  (20011620)
        504671.98   3635625.90      143.11194  (20011620)               504721.98
3635625.90      162.66059  (20011620)
        504771.98   3635625.90      207.98984  (21090701)               504821.98
3635625.90      205.79986  (21122618)
        504871.98   3635625.90      218.67245  (21122618)               504921.98
3635625.90      158.75574  (21122618)
        504971.98   3635625.90      206.84038  (21122618)               505021.98
3635625.90      142.31488  (21012617)
        505071.98   3635625.90      144.33074  (21012617)               505121.98
3635625.90      158.35505  (21012617)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1094
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        505171.98   3635625.90      169.92282  (19102623)               505221.98
3635625.90      173.88461  (19102623)
        502221.98   3635675.90      208.91139  (20122320)               502271.98
3635675.90      208.17474  (21012023)
        502321.98   3635675.90      210.37079  (21012023)               502371.98
3635675.90      200.87773  (21012023)
        502421.98   3635675.90      194.08995  (20122721)               502471.98
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3635675.90 209.59213 (20122721)
502521.98 3635675.90 217.59185 (20070801) 502571.98
3635675.90 219.12162 (20070801)
502621.98 3635675.90 212.04324 (20070802) 502671.98
3635675.90 242.79329 (20070802)
502721.98 3635675.90 255.75923 (20070802) 502771.98
3635675.90 264.63914 (21121424)
502821.98 3635675.90 271.22971 (19091321) 502871.98
3635675.90 276.21353 (19071423)
502921.98 3635675.90 279.08588 (20042421) 502971.98
3635675.90 299.11298 (19121706)
503021.98 3635675.90 296.80701 (19121706) 503071.98
3635675.90 256.60163 (20110924)
503121.98 3635675.90 257.89863 (20110924) 503171.98
3635675.90 276.51631 (21021621)
503221.98 3635675.90 274.86091 (20091222) 503271.98
3635675.90 266.32514 (19111601)
503321.98 3635675.90 279.34239 (19050823) 503371.98
3635675.90 299.83902 (19071201)
503421.98 3635675.90 326.81800 (20101023) 503471.98
3635675.90 352.49441 (20120224)
503521.98 3635675.90 326.89233 (19072124) 503571.98
3635675.90 323.74420 (20090823)
503621.98 3635675.90 355.03082 (21081004) 503671.98
3635675.90 356.21194 (19101219)
503721.98 3635675.90 342.66118 (19101219) 503771.98
3635675.90 351.02259 (20071102)
503821.98 3635675.90 307.57953 (20071102) 503871.98
3635675.90 283.53295 (21061222)
503921.98 3635675.90 346.83219 (19122420) 503971.98
3635675.90 359.23737 (19122420)
504021.98 3635675.90 262.49529 (19122420) 504071.98
3635675.90 165.66874 (20092001)
504121.98 3635675.90 181.80401 (21013118) 504171.98
3635675.90 210.00912 (21013118)
504221.98 3635675.90 214.58363 (21013118) 504271.98
3635675.90 196.33011 (21013118)
504321.98 3635675.90 162.51682 (21013118) 504371.98
3635675.90 129.68842 (21013118)
504421.98 3635675.90 102.85234 (21013118) 504471.98
3635675.90 127.06407 (21121422)
504521.98 3635675.90 148.23409 (21121422) 504571.98
3635675.90 78.00355 (20040223)
504621.98 3635675.90 112.74275 (20011620) 504671.98
3635675.90 129.10610 (20011620)
504721.98 3635675.90 145.31708 (20011620) 504771.98
3635675.90 219.55043 (21090701)
504821.98 3635675.90 202.11192 (21090701) 504871.98
3635675.90 193.91369 (21122618)
504921.98 3635675.90 165.35001 (21122618) 504971.98

3635675.90      211.72642  (21122618)
        505021.98   3635675.90      194.13923  (21122618)                505071.98
3635675.90      140.06372  (21122618)
        505121.98   3635675.90      162.63787  (20091421)                505171.98
3635675.90      151.95737  (21012617)
        505221.98   3635675.90      157.16904  (19102623)                502221.98
3635725.90      214.54233  (21012023)
        502271.98   3635725.90      207.09580  (21012023)                502321.98
3635725.90      193.87870  (21012023)
        502371.98   3635725.90      185.90737  (20122721)                502421.98
3635725.90      204.62030  (20122721)
        502471.98   3635725.90      207.46930  (20070801)                502521.98
3635725.90      208.40298  (20070801)
        502571.98   3635725.90      202.84378  (20070802)                502621.98
3635725.90      230.52604  (20070802)
        502671.98   3635725.90      243.77513  (20070802)                502721.98
3635725.90      246.19879  (21121424)
        502771.98   3635725.90      254.76615  (21121424)                502821.98
3635725.90      260.55604  (19091321)
        502871.98   3635725.90      268.85362  (20042421)                502921.98
3635725.90      285.06474  (19121706)
        502971.98   3635725.90      293.40695  (19121706)                503021.98
3635725.90      257.70200  (19121706)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)

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        502421.98   3635775.90      200.99851  (20122721)                502471.98
3635775.90      197.88074  (20070801)
        502521.98   3635775.90      196.44150  (19031105)                502571.98
3635775.90      218.95279  (20070802)
        502621.98   3635775.90      231.38624  (20070802)                502671.98
3635775.90      237.27175  (21121424)
        502721.98   3635775.90      240.56479  (21121424)                502771.98
3635775.90      258.31871  (19091321)
        502821.98   3635775.90      253.04555  (19071423)                502871.98
3635775.90      268.08789  (20042421)
        502921.98   3635775.90      283.93831  (19121706)                502971.98
3635775.90      264.26192  (19121706)
        503021.98   3635775.90      241.98633  (21100523)                503071.98
3635775.90      243.98581  (21100523)
        503121.98   3635775.90      264.01405  (21021621)                503171.98
3635775.90      256.77686  (21021621)
        503221.98   3635775.90      259.64522  (19050823)                503271.98
3635775.90      283.65208  (19050823)
        503321.98   3635775.90      283.61104  (21100603)                503371.98
3635775.90      285.72990  (21100603)
        503421.98   3635775.90      315.09781  (20120224)                503471.98
3635775.90      320.32084  (20120224)
        503521.98   3635775.90      300.04026  (19072124)                503571.98
3635775.90      295.26380  (21021806)
        503621.98   3635775.90      275.96044  (21081004)                503671.98
3635775.90      314.31299  (19101219)
        503721.98   3635775.90      304.80853  (19101219)                503771.98
3635775.90      316.52413  (20071102)
        503821.98   3635775.90      287.40778  (20071102)                503871.98
3635775.90      271.06240  (21061222)
        503921.98   3635775.90      303.51828  (19122420)                503971.98
3635775.90      352.03863  (19122420)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1096
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504021.98 | 3635775.90 | 291.55163 | (19122420) | 504071.98 | 3635775.90 | 299.00383 | (20092001) |
| 504121.98 | 3635775.90 | 266.24156 | (20092001) | 504171.98 | 3635775.90 | 261.78506 | (21060422) |
| 504221.98 | 3635775.90 | 246.01974 | (21013118) | 504271.98 | 3635775.90 | 245.47399 | (21013118) |
| 504321.98 | 3635775.90 | 246.58038 | (20121721) | 504371.98 | 3635775.90 | 178.11656 | (20121721) |
| 504421.98 | 3635775.90 | 128.96996 | (19022602) | 504471.98 | 3635775.90 | 192.12016 | (19022602) |
| 504521.98 | 3635775.90 | 212.88129 | (19022602) | 504571.98 | 3635775.90 | 141.48831 | (21121422) |
| 504621.98 | 3635775.90 | 187.70751 | (21121422) | 504671.98 | 3635775.90 | 130.57950 | (21121422) |
| 504721.98 | 3635775.90 | 112.22664 | (20011620) | 504771.98 | 3635775.90 | 129.54233 | (20011620) |
| 504821.98 | 3635775.90 | 140.12570 | (20011620) | 504871.98 | 3635775.90 | 144.11775 | (20011620) |
| 504921.98 | 3635775.90 | 146.69299 | (20011620) | 504971.98 | 3635775.90 | 184.73209 | (21122618) |
| 505021.98 | 3635775.90 | 201.12340 | (21122618) | 505071.98 | 3635775.90 | 190.22519 | (21122618) |
| 505121.98 | 3635775.90 | 186.85584 | (21122618) | 505171.98 | 3635775.90 | 170.35196 | (21122618) |
| 505221.98 | 3635775.90 | 150.33209 | (20091421) | 502221.98 | 3635825.90 | 182.17784 | (21012023) |
| 502271.98 | 3635825.90 | 188.92127 | (20122721) | 502321.98 | 3635825.90 | 196.52349 | (20122721) |
| 502371.98 | 3635825.90 | 191.14194 | (20122721) | 502421.98 | 3635825.90 | 188.83888 | (19031105) |
| 502471.98 | 3635825.90 | 189.23188 | (19031105) | 502521.98 | 3635825.90 | 203.88118 | (20070802) |
| 502571.98 | 3635825.90 | 218.48102 | (20070802) | 502621.98 | 3635825.90 | 226.22578 | (21121424) |
| 502671.98 | 3635825.90 | 234.76555 | (21121424) | 502721.98 | 3635825.90 | 241.64470 | (19091321) |
| 502771.98 | 3635825.90 | 245.66562 | (19071423) | 502821.98 | 3635825.90 | 259.89491 | (20042421) |
| 502871.98 | 3635825.90 | 264.68648 | (19121706) | 502921.98 | | | |

3635825.90      264.98230  (19121706)
        502971.98   3635825.90      223.24736  (19121706)                503021.98
3635825.90      240.81455  (21100523)
        503071.98   3635825.90      244.81934  (21021621)                503121.98
3635825.90      256.18967  (21021621)
        503171.98   3635825.90      251.58955  (21112718)                503221.98
3635825.90      262.51704  (19050823)
        503271.98   3635825.90      268.43476  (19050823)                503321.98
3635825.90      279.32069  (21100603)
        503371.98   3635825.90      267.83337  (21100603)                503421.98
3635825.90      309.59418  (20120224)
        503471.98   3635825.90      298.05209  (20120224)                503521.98
3635825.90      272.90802  (19072124)
        503571.98   3635825.90      280.99403  (19051001)                503621.98
3635825.90      263.25380  (19051001)
        503671.98   3635825.90      273.36575  (19101219)                503721.98
3635825.90      293.95479  (21041324)
        503771.98   3635825.90      299.82417  (20071102)                503821.98
3635825.90      272.13626  (20071102)
        503871.98   3635825.90      251.52286  (21061222)                503921.98
3635825.90      279.76343  (19122420)
        503971.98   3635825.90      331.60363  (19122420)                504021.98
3635825.90      305.03410  (19122420)
        504071.98   3635825.90      293.08414  (20092001)                504121.98
3635825.90      302.12873  (20092001)
        504171.98   3635825.90      283.42324  (21060422)                504221.98
3635825.90      260.63696  (21060422)
        504271.98   3635825.90      253.99253  (21013118)                504321.98
3635825.90      257.60008  (20121721)
        504371.98   3635825.90      247.73803  (20121721)                504421.98
3635825.90      218.43103  (20092821)
        504471.98   3635825.90      206.59480  (20092821)                504521.98
3635825.90      222.76546  (19022602)
        504571.98   3635825.90      202.06342  (19022602)                504621.98
3635825.90      205.91793  (21121422)
        504671.98   3635825.90      166.61682  (21121422)                504721.98
3635825.90       92.00941  (20011620)
        504771.98   3635825.90      111.15167  (20011620)                504821.98
3635825.90      135.52674  (20011620)
        504871.98   3635825.90      166.52130  (21090701)                504921.98
3635825.90      160.23667  (21090701)



                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        504971.98   3635825.90      172.18383  (21090701)               505021.98
3635825.90      176.00677  (21122618)
        505071.98   3635825.90      190.52237  (21122618)               505121.98
3635825.90      188.46729  (21122618)
        505171.98   3635825.90      182.26547  (21122618)               505221.98
3635825.90      166.13752  (21122618)
        502221.98   3635875.90      196.46115  (20122721)               502271.98
3635875.90      195.03238  (20122721)
        502321.98   3635875.90      189.30061  (20122721)               502371.98
3635875.90      180.19086  (19031105)
        502421.98   3635875.90      183.53881  (19031105)               502471.98
3635875.90      192.78260  (20070802)
        502521.98   3635875.90      202.10400  (20070802)               502571.98
3635875.90      218.44741  (21121424)
        502621.98   3635875.90      231.36120  (21121424)               502671.98
3635875.90      221.85222  (21121424)
        502721.98   3635875.90      227.29486  (19071423)               502771.98
3635875.90      243.75851  (20042421)
        502821.98   3635875.90      248.11719  (19121706)               502871.98
3635875.90      256.87548  (19121706)
        502921.98   3635875.90      231.05555  (19121706)               502971.98
3635875.90      223.52170  (21100523)
        503021.98   3635875.90      228.30509  (21100523)               503071.98
3635875.90      245.16803  (21021621)
        503121.98   3635875.90      239.75193  (21112718)               503171.98
3635875.90      239.94004  (21112718)
        503221.98   3635875.90      263.64886  (19050823)               503271.98
3635875.90      252.26069  (21100603)
        503321.98   3635875.90      271.27450  (21100603)               503371.98
3635875.90      262.14316  (20120224)

503421.98 3635875.90 299.78657 (20120224) 503471.98 3635875.90 284.37597 (19072124)
503521.98 3635875.90 246.81990 (20052321) 503571.98 3635875.90 272.20166 (19051001)
503621.98 3635875.90 249.00355 (19080922) 503671.98 3635875.90 263.48153 (19101219)
503721.98 3635875.90 284.45268 (21041324) 503771.98 3635875.90 279.87912 (20071102)
503821.98 3635875.90 254.18657 (20071102) 503871.98 3635875.90 220.85471 (21061222)
503921.98 3635875.90 254.55744 (19013104) 503971.98 3635875.90 312.39338 (19122420)
504021.98 3635875.90 309.89876 (19122420) 504071.98 3635875.90 265.84521 (20092001)
504121.98 3635875.90 291.28595 (20092001) 504171.98 3635875.90 279.05415 (21060422)
504221.98 3635875.90 276.23483 (21060422) 504271.98 3635875.90 257.58194 (21013118)
504321.98 3635875.90 255.49695 (19012903) 504371.98 3635875.90 270.49583 (20121721)
504421.98 3635875.90 255.47982 (20121721) 504471.98 3635875.90 226.95991 (20092821)
504521.98 3635875.90 209.39292 (19022602) 504571.98 3635875.90 213.70728 (19022602)
504621.98 3635875.90 199.72006 (21121422) 504671.98 3635875.90 199.98361 (21121422)
504721.98 3635875.90 97.74456 (21121422) 504771.98 3635875.90 93.41123 (20011620)
504821.98 3635875.90 118.75431 (21061321) 504871.98 3635875.90 141.60524 (21090701)
504921.98 3635875.90 160.97697 (21090701) 504971.98 3635875.90 177.46398 (21090701)
505021.98 3635875.90 165.07411 (21090701) 505071.98 3635875.90 166.71445 (21122618)
505121.98 3635875.90 181.65866 (21122618) 505171.98 3635875.90 183.70581 (21122618)
505221.98 3635875.90 177.60054 (21122618) 502221.98 3635925.90 203.23484 (20122721)
502271.98 3635925.90 189.61527 (20122721) 502321.98 3635925.90 179.63720 (19031105)
502371.98 3635925.90 175.37051 (19031105) 502421.98 3635925.90 181.17338 (20070802)
502471.98 3635925.90 193.43760 (20070802) 502521.98 3635925.90 211.94296 (21121424)
502571.98 3635925.90 224.60582 (21121424) 502621.98 3635925.90 219.34926 (21121424)
502671.98 3635925.90 205.95637 (19071423) 502721.98 3635925.90 218.92627 (20042421)
502771.98 3635925.90 238.61470 (20042421) 502821.98 3635925.90 248.82692 (19121706)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 ,
L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502871.98 | 3635925.90 | 235.34852 | (19121706) | 502921.98 | 3635925.90 | 211.39593 | (21100523) |
| 502971.98 | 3635925.90 | 220.36211 | (21100523) | 503021.98 | 3635925.90 | 228.39007 | (21021621) |
| 503071.98 | 3635925.90 | 236.46801 | (21021621) | 503121.98 | 3635925.90 | 235.46314 | (21112718) |
| 503171.98 | 3635925.90 | 241.84515 | (19050823) | 503221.98 | 3635925.90 | 254.78710 | (19050823) |
| 503271.98 | 3635925.90 | 254.96923 | (21100603) | 503321.98 | 3635925.90 | 258.34979 | (21100603) |
| 503371.98 | 3635925.90 | 268.25316 | (20120224) | 503421.98 | 3635925.90 | 285.72966 | (20120224) |
| 503471.98 | 3635925.90 | 264.99495 | (19072124) | 503521.98 | 3635925.90 | 236.34031 | (19051001) |
| 503571.98 | 3635925.90 | 262.21537 | (19051001) | 503621.98 | 3635925.90 | 235.39941 | (19080922) |
| 503671.98 | 3635925.90 | 255.19651 | (21041324) | 503721.98 | 3635925.90 | 278.05314 | (21041324) |
| 503771.98 | 3635925.90 | 266.01783 | (21012024) | 503821.98 | 3635925.90 | 244.54488 | (19072223) |
| 503871.98 | 3635925.90 | 211.52561 | (21061222) | 503921.98 | | | |

3635925.90 241.39804 (19072224)
503971.98 3635925.90 292.78727 (19122420) 504021.98
3635925.90 300.65005 (19122420)
504071.98 3635925.90 257.57497 (21062624) 504121.98
3635925.90 273.14456 (20092001)
504171.98 3635925.90 257.21590 (20092001) 504221.98
3635925.90 255.45192 (21060422)
504271.98 3635925.90 250.51128 (21013118) 504321.98
3635925.90 246.68054 (21013118)
504371.98 3635925.90 254.10897 (20121721) 504421.98
3635925.90 264.87726 (20121721)
504471.98 3635925.90 251.55744 (20092821) 504521.98
3635925.90 226.48998 (20092821)
504571.98 3635925.90 218.91847 (19022602) 504621.98
3635925.90 197.73217 (19022602)
504671.98 3635925.90 199.26885 (21121422) 504721.98
3635925.90 191.16095 (21121422)
504771.98 3635925.90 163.79905 (21121422) 504821.98
3635925.90 95.21847 (20011620)
504871.98 3635925.90 116.08622 (20011620) 504921.98
3635925.90 136.15916 (21090701)
504971.98 3635925.90 171.15486 (21090701) 505021.98
3635925.90 177.77750 (21090701)
505071.98 3635925.90 169.36488 (21090701) 505121.98
3635925.90 167.27879 (21122618)
505171.98 3635925.90 176.99818 (21122618) 505221.98
3635925.90 190.17398 (21122618)
502221.98 3635975.90 196.61769 (20122721) 502271.98
3635975.90 181.79989 (19031105)
502321.98 3635975.90 178.34641 (19031105) 502371.98
3635975.90 170.68757 (20070802)
502421.98 3635975.90 179.88059 (20070802) 502471.98
3635975.90 200.27261 (21121424)
502521.98 3635975.90 217.84504 (21121424) 502571.98
3635975.90 212.68376 (21121424)
502621.98 3635975.90 196.68853 (19091321) 502671.98
3635975.90 205.57376 (19112801)
502721.98 3635975.90 217.27780 (19121706) 502771.98
3635975.90 238.42354 (19121706)
502821.98 3635975.90 236.22951 (19121706) 502871.98
3635975.90 203.49177 (19121706)
502921.98 3635975.90 211.43626 (21100523) 502971.98
3635975.90 209.55415 (20070104)
503021.98 3635975.90 228.76307 (21021621) 503071.98
3635975.90 222.34063 (21112718)
503121.98 3635975.90 224.64328 (21112718) 503171.98
3635975.90 242.89072 (19050823)
503221.98 3635975.90 240.90916 (19050823) 503271.98
3635975.90 251.83860 (21100603)
503321.98 3635975.90 241.92900 (21100603) 503371.98

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        503821.98   3635975.90      239.32321  (19072223)                503871.98
3635975.90      200.89007  (19071923)
        503921.98   3635975.90      232.37169  (19072224)                503971.98
3635975.90      275.85340  (19122420)
        504021.98   3635975.90      284.98546  (19122420)                504071.98
3635975.90      244.74390  (19122420)
        504121.98   3635975.90      241.10935  (20092001)                504171.98
3635975.90      233.45771  (20092001)
        504221.98   3635975.90      228.19230  (21060422)                504271.98
3635975.90      239.65417  (21013118)
        504321.98   3635975.90      251.97134  (21013118)                504371.98
3635975.90      234.09335  (21013118)

504421.98 3635975.90 235.78988 (20121721) 504471.98 3635975.90 238.22667 (20121721)
504521.98 3635975.90 233.40085 (20092821) 504571.98 3635975.90 212.51474 (19022602)
504621.98 3635975.90 229.50212 (19022602) 504671.98 3635975.90 215.95111 (19022602)
504721.98 3635975.90 218.88418 (21121422) 504771.98 3635975.90 199.01326 (21121422)
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504921.98 3635975.90 122.76671 (21090701) 504971.98 3635975.90 154.90888 (21090701)
505021.98 3635975.90 171.06503 (21090701) 505071.98 3635975.90 173.33659 (21090701)
505121.98 3635975.90 161.09793 (21090701) 505171.98 3635975.90 165.91462 (21122618)
505221.98 3635975.90 171.90934 (21122618) 501721.98 3632475.90 39.32708 (19010119)
501821.98 3632475.90 38.10074 (21030103) 501921.98 3632475.90 48.58202 (21030103)
502021.98 3632475.90 60.74912 (21030103) 502121.98 3632475.90 72.93243 (21030103)
502221.98 3632475.90 82.70744 (21030103) 502321.98 3632475.90 87.42665 (21030103)
502421.98 3632475.90 98.37061 (20121603) 502521.98 3632475.90 111.65638 (20121603)
502621.98 3632475.90 114.64520 (20121603) 502721.98 3632475.90 109.81554 (21063005)
502821.98 3632475.90 116.34213 (21063005) 502921.98 3632475.90 139.41313 (20102407)
503021.98 3632475.90 162.38809 (20111701) 503121.98 3632475.90 177.20682 (20111701)
503221.98 3632475.90 215.57523 (19081924) 503321.98 3632475.90 208.84107 (19110606)
503421.98 3632475.90 241.82990 (19101521) 503721.98 3632475.90 213.20549 (21020203)
503821.98 3632475.90 202.76797 (20082921) 503921.98 3632475.90 178.19607 (20082921)
504021.98 3632475.90 143.20614 (20081802) 504121.98 3632475.90 146.42158 (20022622)
504221.98 3632475.90 142.59265 (21011302) 504321.98 3632475.90 138.71187 (19102905)
504421.98 3632475.90 140.77076 (20022403) 504521.98 3632475.90 144.98537 (21011620)
504621.98 3632475.90 139.19262 (21013021) 504721.98 3632475.90 136.34227 (21120723)
504821.98 3632475.90 131.33995 (20101423) 504921.98 3632475.90 129.15188 (21011323)
505021.98 3632475.90 127.76748 (21010102) 505121.98 3632475.90 123.17997 (20011902)

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        505221.98   3632475.90      122.99897  (21021820)                505321.98
3632475.90      119.73640  (21011520)
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3632475.90      113.14171  (19122301)
        505621.98   3632475.90      106.46715  (20122923)                505721.98
3632475.90      103.86687  (20100121)
        501721.98   3632575.90       47.69403  (19010119)                501821.98
3632575.90       46.62745  (19010119)
        501921.98   3632575.90       46.73040  (21030103)                502021.98
3632575.90       58.66269  (21030103)
        502121.98   3632575.90       72.03560  (21030103)                502221.98
3632575.90       84.53155  (21030103)
        502321.98   3632575.90       94.54957  (21030103)                502421.98
3632575.90       97.58834  (21030103)
        502521.98   3632575.90      113.46454  (20121603)                502621.98
3632575.90      124.43295  (20121603)
        502721.98   3632575.90      123.48484  (20121603)                502821.98
3632575.90      123.82257  (21063005)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502921.98   3632575.90      133.62827  (21063005)                503021.98
3632575.90      167.67864  (20102407)
        503121.98   3632575.90      187.79469  (20111701)                503221.98
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3632575.90 227.44313 (19081924)
503321.98 3632575.90 226.60766 (19081924) 503421.98
3632575.90 272.91832 (19110606)
503721.98 3632575.90 209.63051 (21020203) 503821.98
3632575.90 202.20393 (20082921)
503921.98 3632575.90 143.39238 (20082921) 504021.98
3632575.90 141.66350 (20082519)
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3632575.90 139.50834 (20042404)
504721.98 3632575.90 137.48213 (20112701) 504821.98
3632575.90 135.81265 (20112022)
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3632575.90 134.86544 (20011902)
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3632575.90 127.42789 (20121007)
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3632575.90 119.99032 (19122301)
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505721.98 3632575.90 108.27979 (21022502) 501721.98
3632675.90 60.16245 (19010119)
501821.98 3632675.90 60.80537 (19010119) 501921.98
3632675.90 60.27909 (19010119)
502021.98 3632675.90 65.66018 (21030103) 502121.98
3632675.90 78.98451 (21030103)
502221.98 3632675.90 91.86520 (21030103) 502321.98
3632675.90 105.03603 (21030103)
502421.98 3632675.90 116.99478 (21030103) 502521.98
3632675.90 116.59147 (20121603)
502621.98 3632675.90 136.32974 (20121603) 502721.98
3632675.90 145.06336 (20121603)
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3632675.90 224.79715 (20092124)
503021.98 3632675.90 206.30505 (20082723) 503721.98
3632675.90 215.10574 (21020203)
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3632675.90 173.02056 (20082921)
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3632675.90 158.63932 (21013120)
504221.98 3632675.90 146.85678 (21011302) 504321.98
3632675.90 156.80763 (21022205)
504421.98 3632675.90 153.39623 (21011620) 504521.98
3632675.90 157.09895 (21013021)
504621.98 3632675.90 152.30660 (21120723) 504721.98
3632675.90 147.80180 (20101423)
504821.98 3632675.90 147.60591 (21011323) 504921.98

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3632675.90      144.66947  (21010102)
        505021.98   3632675.90      137.69774  (19022705)                505121.98
3632675.90      136.09346  (21021820)
        505221.98   3632675.90      132.70709  (21011520)                505321.98
3632675.90      126.88843  (21010522)
        505421.98   3632675.90      123.49684  (20122923)                505521.98
3632675.90      118.13038  (20100121)
        505621.98   3632675.90      115.03332  (19120104)                505721.98
3632675.90      110.52457  (20021702)
        502421.98   3632775.90      131.65549  (20082303)                502521.98
3632775.90      182.64108  (21031822)
        502621.98   3632775.90      182.47866  (21031822)                502721.98
3632775.90      124.82789  (20121603)
        502821.98   3632775.90      207.92710  (20092124)                502921.98
3632775.90      236.55531  (20090205)
        503021.98   3632775.90      226.38000  (20090205)                503121.98
3632775.90      225.79307  (20111701)
        503221.98   3632775.90      233.11966  (20111701)                503621.98
3632775.90      254.55752  (20050102)
        503721.98   3632775.90      229.57017  (21020203)                503821.98
3632775.90      215.45041  (20082921)
        503921.98   3632775.90      183.67347  (20082921)                504021.98
3632775.90      166.34920  (19032124)
        504121.98   3632775.90      171.27912  (21013120)                504221.98
3632775.90      159.64709  (19102905)
        504321.98   3632775.90      166.44904  (19121107)                504421.98
3632775.90      168.05305  (21011620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 504521.98 | 3632775.90 | 157.96328 | (21013021) | 504621.98 | 3632775.90 | 155.73517 | (21120723) |
| 504721.98 | 3632775.90 | 151.67353 | (20112022) | 504821.98 | 3632775.90 | 150.94906 | (20031721) |
| 504921.98 | 3632775.90 | 148.37788 | (20011902) | 505021.98 | 3632775.90 | 148.37719 | (21021820) |
| 505121.98 | 3632775.90 | 145.08555 | (21011520) | 505221.98 | 3632775.90 | 137.83005 | (21010522) |
| 505321.98 | 3632775.90 | 132.84150 | (20122923) | 505421.98 | 3632775.90 | 126.43875 | (20100121) |
| 505521.98 | 3632775.90 | 122.98950 | (19120104) | 505621.98 | 3632775.90 | 119.02366 | (20021702) |
| 505721.98 | 3632775.90 | 117.75059 | (20020804) | 501721.98 | 3632875.90 | 48.68227 | (21011719) |
| 501821.98 | 3632875.90 | 50.58550 | (21011719) | 501921.98 | 3632875.90 | 51.69079 | (21011719) |
| 502021.98 | 3632875.90 | 51.84001 | (21011719) | 502121.98 | 3632875.90 | 51.85501 | (21011719) |
| 502221.98 | 3632875.90 | 51.30806 | (21011719) | 502321.98 | 3632875.90 | 58.98072 | (21030103) |
| 502421.98 | 3632875.90 | 76.99408 | (21030103) | 502521.98 | 3632875.90 | 92.21966 | (21030103) |
| 502621.98 | 3632875.90 | 100.00304 | (21030103) | 502721.98 | 3632875.90 | 117.15193 | (20121603) |
| 502821.98 | 3632875.90 | 169.78326 | (20121603) | 502921.98 | 3632875.90 | 207.44386 | (20090205) |
| 503021.98 | 3632875.90 | 165.97910 | (20090205) | 503121.98 | 3632875.90 | 189.38250 | (20090723) |
| 503221.98 | 3632875.90 | 236.67830 | (20111701) | 503321.98 | 3632875.90 | 275.74483 | (19081924) |
| 503421.98 | 3632875.90 | 280.91278 | (19110606) | 503621.98 | 3632875.90 | 264.84394 | (20050102) |
| 503721.98 | 3632875.90 | 236.95754 | (21020203) | 503821.98 | 3632875.90 | 220.07649 | (20082921) |
| 503921.98 | 3632875.90 | 168.25355 | (20081802) | 504021.98 | 3632875.90 | 177.41948 | (20022622) |
| 504121.98 | 3632875.90 | 179.08142 | (21013120) | 504221.98 | 3632875.90 | 176.39493 | (19102905) |
| 504321.98 | 3632875.90 | 180.60085 | (20022403) | 504421.98 | 3632875.90 | 175.00530 | (21013021) |
| 504521.98 | 3632875.90 | 170.27901 | (21120723) | 504621.98 | 3632875.90 | 166.73579 | (20101423) |
| 504721.98 | 3632875.90 | 167.58717 | (21011323) | 504821.98 | 3632875.90 | 162.28370 | (20011902) |

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        504921.98   3632875.90      158.61777  (19022705)                505021.98
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        505121.98   3632875.90      148.33926  (21010522)                505221.98
3632875.90      142.79357  (20122923)
        505321.98   3632875.90      135.33019  (20100121)                505421.98
3632875.90      131.86931  (19120104)
        505521.98   3632875.90      128.74626  (20021702)                505621.98
3632875.90      124.87033  (20020804)
        505721.98   3632875.90      119.27441  (21012402)                501721.98
3632975.90       53.11657  (21111004)
        501821.98   3632975.90       51.16988  (21111004)                501921.98
3632975.90       49.21214  (19010119)
        502021.98   3632975.90       50.52582  (19010119)                502121.98
3632975.90       49.95403  (19010119)
        505321.98   3632975.90      141.72536  (19120104)                505421.98
3632975.90      138.93838  (20021702)
        505521.98   3632975.90      131.84606  (20020804)                505621.98
3632975.90      127.49354  (21012402)
        505721.98   3632975.90      121.66920  (20022406)                501721.98
3633075.90       57.19969  (21111004)
        501821.98   3633075.90       57.69414  (21111004)                501921.98
3633075.90       56.29248  (21111004)
        502021.98   3633075.90       52.86453  (21111004)                502121.98
3633075.90       52.45589  (19010119)
        505321.98   3633075.90      149.86728  (20021702)                505421.98
3633075.90      139.51145  (21010922)
        505521.98   3633075.90      134.28935  (21012402)                505621.98
3633075.90      130.85602  (20022406)
        505721.98   3633075.90      121.12122  (21121121)                501721.98
3633175.90       57.48972  (21111004)
        501821.98   3633175.90       61.11507  (21111004)                501921.98
3633175.90       62.81409  (21111004)
        502021.98   3633175.90       62.29827  (21111004)                502121.98
3633175.90       59.12854  (21111004)
        505321.98   3633175.90      150.73318  (21010922)                505421.98
3633175.90      144.19620  (20121620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
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L0000313 , L0000314 , L0000315 , L0000316 , L0000317
, L0000318 , L0000319 , L0000910 ,
L0000911 , L0000912 , L0000913 , L0000914 , L0000915
, L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633175.90 | 136.82588 | (20022406) | 505621.98 | 3633175.90 | 135.26045 | (21011418) |
| 505721.98 | 3633175.90 | 124.76975 | (21011418) | 501721.98 | 3633275.90 | 53.12484 | (21111004) |
| 501821.98 | 3633275.90 | 59.73833 | (21111004) | 501921.98 | 3633275.90 | 65.01618 | (21111004) |
| 502021.98 | 3633275.90 | 68.38932 | (21111004) | 502121.98 | 3633275.90 | 68.95462 | (21111004) |
| 505321.98 | 3633275.90 | 154.76373 | (20022406) | 505421.98 | 3633275.90 | 146.06872 | (19010903) |
| 505521.98 | 3633275.90 | 143.61928 | (21011418) | 505621.98 | 3633275.90 | 139.21025 | (21011418) |
| 505721.98 | 3633275.90 | 126.23822 | (20021024) | 501721.98 | 3633375.90 | 44.61008 | (21111004) |
| 501821.98 | 3633375.90 | 52.94726 | (21111004) | 501921.98 | 3633375.90 | 61.11625 | (21111004) |
| 502021.98 | 3633375.90 | 68.38844 | (21111004) | 502121.98 | 3633375.90 | 73.82244 | (21111004) |
| 505321.98 | 3633375.90 | 157.04836 | (21121121) | 505421.98 | 3633375.90 | 148.12982 | (21021801) |
| 505521.98 | 3633375.90 | 141.02546 | (21011022) | 505621.98 | 3633375.90 | 137.84847 | (21122302) |
| 505721.98 | 3633375.90 | 130.90113 | (21011724) | 501721.98 | 3633475.90 | 57.00941 | (21012320) |
| 501821.98 | 3633475.90 | 51.70665 | (21012320) | 501921.98 | 3633475.90 | 51.78970 | (21111004) |
| 502021.98 | 3633475.90 | 61.71156 | (21111004) | 502121.98 | 3633475.90 | 71.06855 | (21111004) |
| 505321.98 | 3633475.90 | 158.71476 | (21011022) | 505421.98 | 3633475.90 | 151.71515 | (21122302) |
| 505521.98 | 3633475.90 | 144.71215 | (21011724) | 505621.98 | 3633475.90 | 139.72445 | (21010408) |
| 505721.98 | 3633475.90 | 132.87067 | (21011720) | 501721.98 | 3633575.90 | 75.69522 | (21012320) |
| 501821.98 | 3633575.90 | 72.61045 | (21012320) | 501921.98 | | | |

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3633575.90       67.81585  (21012320)
        502021.98   3633575.90       61.55815  (21012320)                502121.98
3633575.90       61.10446  (21111004)
        505321.98   3633575.90      162.62089  (21122302)                505421.98
3633575.90      155.96836  (21010408)
        505521.98   3633575.90      145.73341  (21011720)                505621.98
3633575.90      140.52816  (20121406)
        505721.98   3633575.90      133.24428  (20021305)                501721.98
3633675.90       88.48080  (21012320)
        501821.98   3633675.90       89.79127  (21012320)                501921.98
3633675.90       89.39848  (21012320)
        502021.98   3633675.90       86.81010  (21012320)                502121.98
3633675.90       82.44010  (21012320)
        505321.98   3633675.90      163.38072  (21011221)                505421.98
3633675.90      156.21044  (20121406)
        505521.98   3633675.90      145.13193  (20021723)                505621.98
3633675.90      140.52352  (19011606)
        505721.98   3633675.90      148.45850  (20081804)                501721.98
3633775.90       89.16914  (21012320)
        501821.98   3633775.90       95.82323  (21012320)                501921.98
3633775.90      101.30933  (21012320)
        502021.98   3633775.90      105.00254  (21012320)                502121.98
3633775.90      106.17111  (21012320)
        505321.98   3633775.90      165.17458  (20021723)                505421.98
3633775.90      156.88825  (19011606)
        505521.98   3633775.90      147.27121  (19121305)                505621.98
3633775.90      144.80258  (19121305)
        505721.98   3633775.90      147.98674  (20082223)                501721.98
3633875.90       76.28724  (21012320)
        501821.98   3633875.90       86.59714  (21012320)                501921.98
3633875.90       96.16699  (21012320)
        502021.98   3633875.90      106.69246  (21012320)                502121.98
3633875.90      115.49614  (21012320)
        505321.98   3633875.90      168.98534  (19121305)                505421.98
3633875.90      157.08936  (20082223)
        505521.98   3633875.90      146.13275  (19011923)                505621.98
3633875.90      138.63837  (19012803)
        505721.98   3633875.90      139.11681  (20092021)                501721.98
3633975.90       69.59102  (19083104)
        501821.98   3633975.90       70.13459  (19083104)                501921.98
3633975.90       76.55800  (21012320)
        502021.98   3633975.90       89.06518  (21012320)                502121.98
3633975.90      102.88404  (21012320)
        505321.98   3633975.90      162.52066  (21121821)                505421.98
3633975.90      153.73712  (20121224)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       13:54:44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 505521.98 | 3633975.90 | 145.27498 | (20121224) | 505621.98 | 3633975.90 | 139.68772 | (20020703) |
| 505721.98 | 3633975.90 | 135.94611 | (20020703) | 501721.98 | 3634075.90 | 80.33499 | (19083104) |
| 501821.98 | 3634075.90 | 84.02260 | (19083104) | 501921.98 | 3634075.90 | 87.44268 | (19083104) |
| 502021.98 | 3634075.90 | 90.44893 | (19083104) | 502121.98 | 3634075.90 | 92.91509 | (19083104) |
| 505321.98 | 3634075.90 | 152.80416 | (21122121) | 505421.98 | 3634075.90 | 151.97748 | (21122121) |
| 505521.98 | 3634075.90 | 151.35137 | (21122121) | 505621.98 | 3634075.90 | 148.31915 | (21122121) |
| 505721.98 | 3634075.90 | 138.90742 | (20121803) | 501721.98 | 3634175.90 | 77.66882 | (19083104) |
| 501821.98 | 3634175.90 | 83.87289 | (19083104) | 501921.98 | 3634175.90 | 90.19681 | (19083104) |
| 502021.98 | 3634175.90 | 96.02119 | (19083104) | 502121.98 | 3634175.90 | 103.08893 | (19083104) |
| 505321.98 | 3634175.90 | 170.78138 | (20080321) | 505421.98 | 3634175.90 | 171.58737 | (20080321) |
| 505521.98 | 3634175.90 | 169.05679 | (20080321) | 505621.98 | 3634175.90 | 148.41543 | (20080321) |
| 505721.98 | 3634175.90 | 130.53079 | (19021906) | 501721.98 | 3634275.90 | 63.12075 | (19083104) |
| 501821.98 | 3634275.90 | 69.03950 | (19083104) | 501921.98 | 3634275.90 | 75.63049 | (19083104) |

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        502021.98   3634275.90       82.88569  (19083104)              502121.98
3634275.90       91.11437  (19083104)
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3634275.90      181.87834  (19031020)
        505521.98   3634275.90      152.10044  (19031020)              505621.98
3634275.90      138.14202  (19031020)
        505721.98   3634275.90      123.81940  (20092120)              501721.98
3634375.90       70.73846  (21021102)
        501821.98   3634375.90       75.18181  (21021102)              501921.98
3634375.90       79.39394  (21021102)
        502021.98   3634375.90       84.32756  (21021102)              502121.98
3634375.90       90.34593  (21021102)
        505321.98   3634375.90      202.64379  (20092120)              505421.98
3634375.90      190.45694  (20092120)
        505521.98   3634375.90      146.20975  (20082306)              505621.98
3634375.90      133.64294  (21021007)
        505721.98   3634375.90      127.37935  (21021007)              501721.98
3634475.90       93.50717  (21021102)
        501821.98   3634475.90       99.82358  (21021102)              501921.98
3634475.90      106.58462  (21021102)
        502021.98   3634475.90      114.39214  (21021102)              502121.98
3634475.90      122.29277  (21021102)
        505321.98   3634475.90      194.98553  (20082306)              505421.98
3634475.90      207.52234  (20082306)
        505521.98   3634475.90      174.66351  (20082306)              505621.98
3634475.90      147.00097  (20082306)
        505721.98   3634475.90      122.12904  (20082306)              501721.98
3634575.90       98.39560  (21021102)
        501821.98   3634575.90      103.76317  (21021102)              501921.98
3634575.90      109.61468  (21021102)
        502021.98   3634575.90      116.20475  (21021102)              502121.98
3634575.90      123.36595  (21021102)
        505321.98   3634575.90      207.01161  (20041201)              505421.98
3634575.90      230.80156  (20041201)
        505521.98   3634575.90      212.75810  (20041201)              505621.98
3634575.90      169.24536  (20041201)
        505721.98   3634575.90      133.00480  (20041201)              501721.98
3634675.90       82.41396  (21021102)
        501821.98   3634675.90       85.22090  (21021102)              501921.98
3634675.90       87.80481  (21021102)
        502021.98   3634675.90       90.55084  (21021102)              502121.98
3634675.90       93.36587  (19101801)
        505321.98   3634675.90      192.52247  (20081806)              505421.98
3634675.90      213.82343  (20041201)
        505521.98   3634675.90      211.00389  (20041201)              505621.98
3634675.90      199.55664  (20041201)
        505721.98   3634675.90      167.80112  (20041201)              501721.98
3634775.90       73.14655  (19050903)
        501821.98   3634775.90       81.95491  (19050903)              501921.98
3634775.90       90.94061  (19050903)
```

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        505521.98   3634775.90      204.93657  (20081806)                505621.98
3634775.90      199.63171  (20081806)
        505721.98   3634775.90      184.94722  (20081806)                501721.98
3634875.90       87.71240  (19050903)
        501821.98   3634875.90       94.76676  (19050903)                501921.98
3634875.90      101.27624  (19050903)
        502021.98   3634875.90      107.09231  (19050903)                502121.98
3634875.90      111.92371  (19050903)
        505321.98   3634875.90      197.99359  (19022319)                505421.98
3634875.90      210.70615  (20081401)
        505521.98   3634875.90      195.22483  (21012820)                505621.98
3634875.90      185.28681  (21032601)
        505721.98   3634875.90      183.75170  (21032601)                501721.98
3634975.90       86.47804  (19050903)
        501821.98   3634975.90       88.63894  (19050903)                501921.98
3634975.90       89.22552  (19050903)
        502021.98   3634975.90       88.61737  (19050903)                502121.98

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        505321.98   3634975.90      201.40491  (19030607)                505421.98
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        505521.98   3634975.90      215.20188  (20081401)                505621.98
3634975.90      203.55782  (20081401)
        505721.98   3634975.90      188.66481  (20081401)                501721.98
3635075.90      104.42149  (21121021)
        501821.98   3635075.90       76.58909  (21121021)                501921.98
3635075.90      189.29779  (19110921)
        502021.98   3635075.90      187.81281  (19110921)                502121.98
3635075.90       77.77422  (19022707)
        505321.98   3635075.90      189.76835  (20121617)                505421.98
3635075.90      181.37271  (19022007)
        505521.98   3635075.90      184.80305  (19042006)                505621.98
3635075.90      178.30255  (19042006)
        505721.98   3635075.90      182.07032  (20081401)                501721.98
3635175.90      171.31319  (19110921)
        501821.98   3635175.90      167.40023  (19100422)                501921.98
3635175.90      212.69446  (21112918)
        502021.98   3635175.90      199.72905  (19120120)                502121.98
3635175.90      123.46975  (19120120)
        505321.98   3635175.90      180.47894  (20010802)                505421.98
3635175.90      178.03159  (20010802)
        505521.98   3635175.90      166.76030  (19022007)                505621.98
3635175.90      155.47493  (19022007)
        505721.98   3635175.90      150.03055  (19042006)                501721.98
3635275.90      187.25444  (19120120)
        501821.98   3635275.90      197.98662  (21040701)                501921.98
3635275.90      218.43643  (20021924)
        502021.98   3635275.90      231.90270  (19012720)                502121.98
3635275.90      212.97546  (21011719)
        505621.98   3635275.90      153.07683  (20010802)                505721.98
3635275.90      145.16093  (19022007)
        501721.98   3635375.90      176.70096  (20021924)                501821.98
3635375.90      201.79523  (19012720)
        501921.98   3635375.90      202.55541  (19012720)                502021.98
3635375.90      205.46845  (21011719)
        502121.98   3635375.90      219.50390  (21011719)                505621.98
3635375.90      111.81453  (20092620)
        501721.98   3635475.90      150.92313  (21011719)                501821.98
3635475.90      176.29410  (21011719)
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3635475.90      199.00627  (19111006)
        502121.98   3635475.90      214.24362  (21052423)                505621.98
3635475.90       79.90190  (21071520)
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        501821.98   3635575.90      156.51604  (21011719)                501921.98
3635575.90      176.09931  (21052423)
        502021.98   3635575.90      195.56074  (21052423)                502121.98
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        505321.98   3635575.90      169.59536  (19102623)                505421.98
3635575.90       97.24193  (21012617)
        505521.98   3635575.90       86.58342  (21071520)                505621.98
3635575.90       80.24253  (21071520)
        505721.98   3635575.90       72.35302  (21071520)                501721.98
3635675.90      152.08460  (19120317)
        501821.98   3635675.90      150.65595  (19013101)                501921.98
3635675.90      183.58096  (19013101)
        502021.98   3635675.90      194.55582  (19013101)                502121.98
3635675.90      201.75212  (20122320)
        505321.98   3635675.90      170.88290  (19102623)                505421.98
3635675.90      104.86755  (21012617)

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002 , L0000003    , L0000004    , L0000005    ,
                                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010 , L0000310    , L0000311    , L0000312    ,
                                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317 , L0000318    , L0000319    , L0000910    ,
                                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915 , L0000916    , L0000917    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)
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        505721.98   3635775.90      104.25032  (19010822)              501721.98
3635875.90      159.91374  (19013101)
        501821.98   3635875.90      164.57348  (20122320)              501921.98
3635875.90      187.42858  (20122320)
        502021.98   3635875.90      195.01181  (21012023)              502121.98
3635875.90      189.83651  (21012023)
        505321.98   3635875.90      162.69271  (20091421)              505421.98
3635875.90      130.84018  (21012617)
        505521.98   3635875.90      149.23272  (19102623)              505621.98
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        505721.98   3635875.90      137.30380  (19102623)              501721.98
3635975.90      149.92161  (20122320)
        501821.98   3635975.90      168.98383  (20122320)              501921.98
3635975.90      183.86632  (21012023)
        502021.98   3635975.90      168.55055  (21012023)              502121.98
3635975.90      191.60935  (20122721)
        505321.98   3635975.90      171.21942  (21122618)              505421.98
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        505521.98   3635975.90      122.33727  (21012617)              505621.98
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        505721.98   3635975.90      137.36327  (19102623)              501721.98
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        501821.98   3636075.90      163.64900  (21012023)              501921.98
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        502221.98   3636075.90      174.70920  (19031105)              502321.98
3636075.90      157.65412  (21121424)
        502421.98   3636075.90      202.48296  (21121424)              502521.98
3636075.90      191.84934  (21121424)
        502621.98   3636075.90      202.58664  (19112801)              502721.98
3636075.90      227.80589  (19121706)
        502821.98   3636075.90      177.85103  (20040204)              502921.98
3636075.90      195.77803  (21021621)
        503021.98   3636075.90      208.48322  (21021621)              503121.98
3636075.90      222.15351  (19050823)
        503221.98   3636075.90      231.19016  (21100603)              503321.98
3636075.90      237.76000  (20120224)
        503421.98   3636075.90      248.48356  (19072124)              503521.98
3636075.90      234.69124  (21021806)
        503621.98   3636075.90      213.69961  (19080922)              503721.98
3636075.90      256.51732  (21041324)
        503821.98   3636075.90      232.91034  (19072223)              503921.98
3636075.90      241.83028  (19072224)
        504021.98   3636075.90      241.72918  (19122420)              504121.98
3636075.90      199.56262  (19050321)
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        504221.98   3636075.90      208.49324  (19050322)                504321.98
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        504621.98   3636075.90      174.28009  (20102221)                504721.98
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        504821.98   3636075.90      206.84011  (21121422)                504921.98
3636075.90      150.77166  (21061321)
        505021.98   3636075.90      141.27948  (21090701)                505121.98
3636075.90      162.45279  (21090701)
        505221.98   3636075.90      146.00745  (21081602)                505321.98
3636075.90      165.35620  (21122618)
        505421.98   3636075.90      146.30613  (21122618)                505521.98
3636075.90      129.10703  (20091421)
        505621.98   3636075.90      116.63889  (21012617)                505721.98
3636075.90      119.62103  (19102623)
        501721.98   3636175.90      138.37375  (21012023)                501821.98
3636175.90      129.08891  (20031920)
        501921.98   3636175.90      168.99035  (20122721)                502021.98
3636175.90      167.71235  (20122721)
        502121.98   3636175.90      160.79742  (19031105)                502221.98
3636175.90      156.78521  (20112322)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                  L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                  L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        502321.98   3636175.90      191.53790  (21121424)                502421.98
3636175.90      186.64291  (21121424)
        502521.98   3636175.90      184.88649  (19112801)                502621.98
3636175.90      210.23360  (19121706)
        502721.98   3636175.90      192.37840  (19121706)                502821.98
3636175.90      184.20399  (21100523)
        502921.98   3636175.90      201.50504  (21021621)                503021.98
3636175.90      198.12833  (21112718)
        503121.98   3636175.90      205.99089  (19050823)                503221.98
3636175.90      220.03047  (21100603)
        503321.98   3636175.90      238.42242  (20120224)                503421.98
3636175.90      232.23943  (19072124)
        503521.98   3636175.90      220.72278  (19051001)                503621.98
3636175.90      204.64854  (19051020)
        503721.98   3636175.90      239.42783  (21041324)                503821.98
3636175.90      222.28169  (19072223)
        503921.98   3636175.90      227.34005  (19072224)                504021.98
3636175.90      235.98356  (19072224)
        504121.98   3636175.90      199.13550  (19070422)                504221.98
3636175.90      204.03189  (19050322)
        504321.98   3636175.90      194.27536  (19073022)                504421.98
3636175.90      182.49436  (21013118)
        504521.98   3636175.90      149.89374  (19111019)                504621.98
3636175.90      156.45732  (20102221)
        504721.98   3636175.90      158.59329  (19060920)                504821.98
3636175.90      155.22244  (19112903)
        504921.98   3636175.90      164.34764  (21121422)                505021.98
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        505121.98   3636175.90      138.63470  (21090701)                505221.98
3636175.90      155.18301  (21090701)
        505321.98   3636175.90      148.26888  (21081602)                505421.98
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3636175.90      125.59587  (20091421)
        505721.98   3636175.90      110.48979  (21012617)                501721.98
3636275.90      119.35356  (20122721)
        501821.98   3636275.90      152.65107  (20122721)                501921.98
3636275.90      152.74635  (20122721)
        502021.98   3636275.90      149.37592  (19031105)                502121.98
3636275.90      148.46572  (20112322)
        502221.98   3636275.90      176.37243  (21121424)                502321.98
3636275.90      183.23524  (21121424)
        502421.98   3636275.90      167.20461  (19112801)                502521.98
3636275.90      186.62785  (19121706)
        502621.98   3636275.90      197.00783  (19121706)                502721.98
3636275.90      169.80564  (21100523)
        502821.98   3636275.90      176.20241  (21021621)                502921.98
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        503021.98   3636275.90      191.14426  (19050823)                503121.98
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3636275.90      189.05257  (19050823)
        503221.98   3636275.90      194.07838  (21100603)                503321.98
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3636275.90      209.22386  (19051001)
        503621.98   3636275.90      198.99342  (19051020)                503721.98
3636275.90      219.97256  (21041324)
        503821.98   3636275.90      208.27988  (19072223)                503921.98
3636275.90      208.37183  (19072224)
        504021.98   3636275.90      228.95768  (19072224)                504121.98
3636275.90      185.33466  (19082323)
        504221.98   3636275.90      182.21856  (19082724)                504321.98
3636275.90      138.89184  (20031720)
        504421.98   3636275.90      147.23059  (21013118)                504521.98
3636275.90      117.62071  (19071722)
        504621.98   3636275.90      121.67173  (20050923)                504721.98
3636275.90      145.77601  (19060406)
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3636275.90      135.67691  (21061321)
        505221.98   3636275.90      137.99813  (21090701)                505321.98
3636275.90      155.34884  (21090701)
        505421.98   3636275.90      145.97603  (21081602)                505521.98
3636275.90      151.94347  (21122618)
        505621.98   3636275.90      145.85045  (21122618)                505721.98
3636275.90      124.90450  (20091421)
        501721.98   3636375.90      138.54142  (20122721)                501821.98
3636375.90      136.47235  (20122721)
        501921.98   3636375.90      137.59860  (19031105)                502021.98
3636375.90      139.76790  (20112322)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        13:54:44

                                PAGE  1107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000310    , L0000311    , L0000312    ,
                 L0000313    , L0000314    , L0000315    , L0000316    , L0000317
, L0000318    , L0000319    , L0000910    ,
                 L0000911    , L0000912    , L0000913    , L0000914    , L0000915
, L0000916    , L0000917    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) | X-COORD (M) | Y-COORD (M) | CONC | (YYMMDDHH) |
|---|---|---|---|---|---|---|---|
| 502121.98 | 3636375.90 | 158.59517 | (21121424) | 502221.98 | 3636375.90 | 176.16507 | (21121424) |
| 502321.98 | 3636375.90 | 152.13548 | (19112801) | 502421.98 | 3636375.90 | 174.16125 | (19112801) |
| 502521.98 | 3636375.90 | 191.88524 | (19121706) | 502621.98 | 3636375.90 | 154.14478 | (20040204) |
| 502721.98 | 3636375.90 | 165.15226 | (21100523) | 502821.98 | 3636375.90 | 179.01758 | (21021621) |
| 502921.98 | 3636375.90 | 175.33354 | (21112718) | 503021.98 | 3636375.90 | 188.48717 | (19050823) |
| 503121.98 | 3636375.90 | 186.77286 | (21100603) | 503221.98 | 3636375.90 | 169.62065 | (19080122) |
| 503321.98 | 3636375.90 | 173.96126 | (20120224) | 503421.98 | 3636375.90 | 182.62749 | (20052321) |
| 503521.98 | 3636375.90 | 193.27700 | (19051001) | 503621.98 | 3636375.90 | 188.81023 | (19051020) |
| 503721.98 | 3636375.90 | 201.56789 | (19072223) | 503821.98 | 3636375.90 | 194.10640 | (19072223) |
| 503921.98 | 3636375.90 | 191.03456 | (21050323) | 504021.98 | 3636375.90 | 216.67841 | (19072224) |
| 504121.98 | 3636375.90 | 166.01871 | (19082323) | 504221.98 | 3636375.90 | 150.79613 | (19082724) |
| 504321.98 | 3636375.90 | 124.82648 | (21071621) | 504421.98 | 3636375.90 | 134.35133 | (21013118) |
| 504521.98 | 3636375.90 | 121.02443 | (21013118) | 504621.98 | 3636375.90 | 109.92019 | (19111019) |
| 504721.98 | 3636375.90 | 117.24121 | (20102221) | 504821.98 | 3636375.90 | 114.30306 | (19060406) |
| 504921.98 | 3636375.90 | 105.82351 | (19081721) | 505021.98 | 3636375.90 | 141.16526 | (21050522) |
| 505121.98 | 3636375.90 | 136.68393 | (21121422) | 505221.98 | 3636375.90 | 133.60613 | (21061321) |
| 505321.98 | 3636375.90 | 140.21818 | (21090701) | 505421.98 | 3636375.90 | 147.39842 | (21090701) |
| 505521.98 | 3636375.90 | 137.22409 | (21081602) | 505621.98 | 3636375.90 | 147.21556 | (21122618) |
| 505721.98 | 3636375.90 | 141.86109 | (21122618) | 501721.98 | 3636475.90 | 116.76493 | (20122721) |
| 501821.98 | 3636475.90 | 122.28150 | (21101802) | 501921.98 | 3636475.90 | 130.01650 | (20112322) |

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        502021.98   3636475.90      138.80644  (19122519)                502121.98
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        502221.98   3636475.90      141.08643  (21021521)                502321.98
3636475.90      165.77315  (19112801)
        502421.98   3636475.90      179.42569  (19121706)                502521.98
3636475.90      162.90270  (19121706)
        502621.98   3636475.90      154.27138  (21100523)                502721.98
3636475.90      159.36619  (21021621)
        502821.98   3636475.90      160.60446  (21021621)                502921.98
3636475.90      158.64063  (19050823)
        503021.98   3636475.90      169.43129  (19050823)                503121.98
3636475.90      170.95110  (21100603)
        503221.98   3636475.90      147.71216  (20120224)                503321.98
3636475.90      160.41290  (19072124)
        503421.98   3636475.90      163.53757  (20071122)                503521.98
3636475.90      174.26578  (19051001)
        503621.98   3636475.90      176.04038  (19051020)                503721.98
3636475.90      187.24771  (19072223)
        503821.98   3636475.90      173.31354  (19082801)                503921.98
3636475.90      173.03118  (21050323)
        504021.98   3636475.90      169.04870  (19072224)                504121.98
3636475.90      138.81972  (19081023)
        504221.98   3636475.90      137.45388  (19082724)                504321.98
3636475.90      120.13549  (19050322)
        504421.98   3636475.90      114.22274  (21052004)                504521.98
3636475.90      128.40819  (21013118)
        504621.98   3636475.90      105.68717  (19071722)                504721.98
3636475.90       99.72551  (19070220)
        504821.98   3636475.90       97.09367  (20102221)                504921.98
3636475.90      105.24802  (19060406)
        505021.98   3636475.90      133.13250  (19112903)                505121.98
3636475.90      149.20113  (21121422)
        505221.98   3636475.90      124.59039  (21061321)                505321.98
3636475.90      122.74319  (21061321)
        505421.98   3636475.90      135.30509  (21090701)                505521.98
3636475.90      138.21692  (21090701)
        505621.98   3636475.90      129.98475  (21081602)                505721.98
3636475.90      139.69045  (21122618)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                          *** THE SUMMARY OF MAXIMUM PERIOD ( 26304
HRS) RESULTS ***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

| GROUP ID | NETWORK | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | GRID-ID |
|---|---|---|---|---|---|
| ENTER | 1ST HIGHEST VALUE IS | 50.49096 AT | ( 504071.98, 3634225.90, 111.70, 363.34, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 47.70036 AT | ( 503971.98, 3634175.90, 111.56, 363.34, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 41.67066 AT | ( 504021.98, 3634175.90, 111.49, 363.34, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 40.79056 AT | ( 504121.98, 3634275.90, 111.85, 363.34, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 35.31146 AT | ( 504121.98, 3634225.90, 112.70, 363.34, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 34.09293 AT | ( 504071.98, 3634175.90, 112.41, 363.34, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 28.36739 AT | ( 503971.98, 3634125.90, 111.45, 363.34, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 27.98274 AT | ( 503921.98, 3634125.90, 110.91, 363.34, 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 27.55591 AT | ( 504171.98, 3634275.90, 112.23, 363.34, 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 27.20624 AT | ( 504121.98, 3634175.90, 113.96, 363.34, 0.00) | DC | |
| FIRE | 1ST HIGHEST VALUE IS | 3.26685 AT | ( 503821.98, 3634775.90, 107.48, 336.50, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 3.15065 AT | ( 503771.98, 3634775.90, 109.72, 334.85, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 2.91259 AT | ( 503821.98, 3634825.90, 111.37, 334.15, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 2.88553 AT | ( 503871.98, 3634825.90, 111.54, 334.44, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 2.84831 AT | ( 503921.98, 3634825.90, 111.42, 336.00, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 2.83744 AT | ( 503721.98, 3634775.90, 110.62, 333.64, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 2.79513 AT | ( 503771.98, 3634825.90, 111.29, 318.87, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 2.59421 AT | ( 504121.98, 3634275.90, 111.85, 363.34, 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 2.57446 AT | ( 503821.98, 3634875.90, 113.03, 318.87, 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 2.56016 AT | ( 503721.98, 3634825.90, 111.48, | | |

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  318.87,    0.00)  DC

FORKN     1ST HIGHEST VALUE IS      21.71637 AT (  503821.98,  3634775.90,   107.48,
  336.50,    0.00)  DC
          2ND HIGHEST VALUE IS      21.68930 AT (  503771.98,  3634775.90,   109.72,
  334.85,    0.00)  DC
          3RD HIGHEST VALUE IS      20.37151 AT (  503721.98,  3634775.90,   110.62,
  333.64,    0.00)  DC
          4TH HIGHEST VALUE IS      20.35997 AT (  503621.98,  3634725.90,   107.45,
  334.15,    0.00)  DC
          5TH HIGHEST VALUE IS      18.19086 AT (  503671.98,  3634775.90,   110.91,
  318.87,    0.00)  DC
          6TH HIGHEST VALUE IS      16.19277 AT (  503571.98,  3634725.90,   109.18,
  318.87,    0.00)  DC
          7TH HIGHEST VALUE IS      15.67183 AT (  503621.98,  3634775.90,   110.38,
  318.87,    0.00)  DC
          8TH HIGHEST VALUE IS      15.53908 AT (  503821.98,  3634825.90,   111.37,
  334.15,    0.00)  DC
          9TH HIGHEST VALUE IS      15.52711 AT (  503771.98,  3634825.90,   111.29,
  318.87,    0.00)  DC
         10TH HIGHEST VALUE IS      14.96702 AT (  503521.98,  3634675.90,   107.59,
  318.87,    0.00)  DC

FORKS     1ST HIGHEST VALUE IS      18.90209 AT (  503971.98,  3634175.90,   111.56,
  363.34,    0.00)  DC
          2ND HIGHEST VALUE IS      17.39673 AT (  504071.98,  3634225.90,   111.70,
  363.34,    0.00)  DC
          3RD HIGHEST VALUE IS      16.65121 AT (  504021.98,  3634175.90,   111.49,
  363.34,    0.00)  DC
          4TH HIGHEST VALUE IS      15.66416 AT (  503921.98,  3634125.90,   110.91,
  363.34,    0.00)  DC
          5TH HIGHEST VALUE IS      15.18130 AT (  504121.98,  3634275.90,   111.85,
  363.34,    0.00)  DC
          6TH HIGHEST VALUE IS      14.44570 AT (  504071.98,  3634175.90,   112.41,
  363.34,    0.00)  DC
          7TH HIGHEST VALUE IS      14.29047 AT (  503971.98,  3634125.90,   111.45,
  363.34,    0.00)  DC
          8TH HIGHEST VALUE IS      14.11576 AT (  504121.98,  3634225.90,   112.70,
  363.34,    0.00)  DC
          9TH HIGHEST VALUE IS      12.95395 AT (  504021.98,  3634125.90,   112.35,
  363.34,    0.00)  DC
         10TH HIGHEST VALUE IS      12.67316 AT (  503871.98,  3634075.90,   111.90,
  363.34,    0.00)  DC
 *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data
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*** THE SUMMARY OF MAXIMUM PERIOD ( 26304 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

| GROUP ID | NETWORK | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | GRID-ID |
|---|---|---|---|---|---|
| IDLEN | 1ST HIGHEST VALUE IS | 19.71555 AT | ( 503821.98, 3634775.90, 107.48, 336.50, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 19.62176 AT | ( 503771.98, 3634775.90, 109.72, 334.85, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 18.64718 AT | ( 503621.98, 3634725.90, 107.45, 334.15, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 18.47786 AT | ( 503721.98, 3634775.90, 110.62, 333.64, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 16.63119 AT | ( 503671.98, 3634775.90, 110.91, 318.87, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 15.09415 AT | ( 503571.98, 3634725.90, 109.18, 318.87, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 14.48487 AT | ( 503621.98, 3634775.90, 110.38, 318.87, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 14.35536 AT | ( 503821.98, 3634825.90, 111.37, 334.15, 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 14.30585 AT | ( 503771.98, 3634825.90, 111.29, 318.87, 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 14.16807 AT | ( 503521.98, 3634675.90, 107.59, 318.87, 0.00) | DC | |
| IDLES | 1ST HIGHEST VALUE IS | 17.57477 AT | ( 503971.98, 3634175.90, 111.56, 363.34, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 16.65458 AT | ( 504071.98, 3634225.90, 111.70, 363.34, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 15.62360 AT | ( 504021.98, 3634175.90, 111.49, 363.34, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 15.01338 AT | ( 504121.98, 3634275.90, 111.85, 363.34, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 14.60784 AT | ( 503921.98, 3634125.90, 110.91, 363.34, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 13.71304 AT | ( 504121.98, 3634225.90, 112.70, 363.34, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 13.70500 AT | ( 504071.98, 3634175.90, 112.41, 363.34, 0.00) | DC | |

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          8TH HIGHEST VALUE IS      13.41408 AT (  503971.98,  3634125.90,   111.45,
  363.34,    0.00)  DC
          9TH HIGHEST VALUE IS      12.22454 AT (  504021.98,  3634125.90,   112.35,
  363.34,    0.00)  DC
         10TH HIGHEST VALUE IS      12.01898 AT (  504171.98,  3634325.90,   113.36,
  363.34,    0.00)  DC

ONSITE    1ST HIGHEST VALUE IS      15.03931 AT (  503621.98,  3634725.90,   107.45,
  334.15,    0.00)  DC
          2ND HIGHEST VALUE IS      14.83007 AT (  503821.98,  3634775.90,   107.48,
  336.50,    0.00)  DC
          3RD HIGHEST VALUE IS      14.72205 AT (  503771.98,  3634775.90,   109.72,
  334.85,    0.00)  DC
          4TH HIGHEST VALUE IS      14.03949 AT (  503721.98,  3634775.90,   110.62,
  333.64,    0.00)  DC
          5TH HIGHEST VALUE IS      13.31791 AT (  503971.98,  3634175.90,   111.56,
  363.34,    0.00)  DC
          6TH HIGHEST VALUE IS      13.17276 AT (  504071.98,  3634225.90,   111.70,
  363.34,    0.00)  DC
          7TH HIGHEST VALUE IS      13.16621 AT (  504121.98,  3634275.90,   111.85,
  363.34,    0.00)  DC
          8TH HIGHEST VALUE IS      12.97706 AT (  503671.98,  3634775.90,   110.91,
  318.87,    0.00)  DC
          9TH HIGHEST VALUE IS      12.83786 AT (  503521.98,  3634675.90,   107.59,
  318.87,    0.00)  DC
         10TH HIGHEST VALUE IS      12.78782 AT (  503571.98,  3634725.90,   109.18,
  318.87,    0.00)  DC

TRUCKN    1ST HIGHEST VALUE IS      24.21533 AT (  505621.98,  3635375.90,   113.92,
  198.05,    0.00)  DC
          2ND HIGHEST VALUE IS      23.75866 AT (  505621.98,  3635275.90,   115.01,
  199.90,    0.00)  DC
          3RD HIGHEST VALUE IS      21.98655 AT (  504571.98,  3634725.90,   111.39,
  360.79,    0.00)  DC
          4TH HIGHEST VALUE IS      21.69842 AT (  504521.98,  3634675.90,   111.38,
  362.15,    0.00)  DC
          5TH HIGHEST VALUE IS      21.52397 AT (  504621.98,  3634775.90,   111.87,
  338.66,    0.00)  DC
          6TH HIGHEST VALUE IS      21.25728 AT (  504471.98,  3634625.90,   111.61,
  363.34,    0.00)  DC
          7TH HIGHEST VALUE IS      20.59828 AT (  504421.98,  3634575.90,   111.07,
  363.34,    0.00)  DC
          8TH HIGHEST VALUE IS      20.42846 AT (  504671.98,  3634825.90,   112.25,
  338.66,    0.00)  DC
          9TH HIGHEST VALUE IS      19.99594 AT (  504371.98,  3634525.90,   112.48,
  363.34,    0.00)  DC
         10TH HIGHEST VALUE IS      19.37018 AT (  504321.98,  3634475.90,   112.11,
  363.34,    0.00)  DC
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***       02/10/25
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*** THE SUMMARY OF MAXIMUM PERIOD ( 26304 HRS) RESULTS ***

** CONC OF PM_10    IN MICROGRAMS/M**3 **

| GROUP ID | NETWORK | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | OF TYPE | GRID-ID |
|---|---|---|---|---|---|
| TRUCKS | 1ST HIGHEST VALUE IS | 59.92356 | AT ( 503621.98, 3633625.90, 122.97, 363.34, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 46.41257 | AT ( 503621.98, 3633575.90, 126.28, 363.34, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 45.46896 | AT ( 503571.98, 3633675.90, 121.17, 363.34, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 40.56717 | AT ( 503621.98, 3633525.90, 126.84, 363.34, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 40.14771 | AT ( 503521.98, 3633475.90, 131.92, 363.34, 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 36.74926 | AT ( 503521.98, 3633525.90, 127.49, 363.34, 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 35.34123 | AT ( 503871.98, 3634075.90, 111.90, 363.34, 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 33.65608 | AT ( 503671.98, 3633675.90, 125.01, 363.34, 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 31.95028 | AT ( 503571.98, 3633725.90, 114.82, 363.34, 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 31.69771 | AT ( 503921.98, 3634125.90, 110.91, 363.34, 0.00) | DC | |
| TRUCKW | 1ST HIGHEST VALUE IS | 44.11044 | AT ( 502421.98, 3632775.90, 113.38, 115.97, 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 41.45236 | AT ( 502521.98, 3632775.90, 115.06, 169.29, 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 36.29895 | AT ( 502621.98, 3632775.90, 114.48, 318.87, 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 29.50261 | AT ( 502721.98, 3632775.90, 111.49, 328.14, 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 27.76522 | AT ( 502921.98, 3632775.90, 125.74, | | |

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  329.93,    0.00)  DC
         6TH HIGHEST VALUE IS      27.05486 AT (  503021.98,  3632675.90,   118.72,
  363.34,    0.00)  DC
         7TH HIGHEST VALUE IS      26.95227 AT (  502821.98,  3632775.90,   115.96,
  329.93,    0.00)  DC
         8TH HIGHEST VALUE IS      26.69039 AT (  502921.98,  3632675.90,   117.00,
  337.51,    0.00)  DC
         9TH HIGHEST VALUE IS      24.88778 AT (  503121.98,  3632775.90,   128.76,
  362.15,    0.00)  DC
        10TH HIGHEST VALUE IS      24.42307 AT (  502821.98,  3632675.90,   114.58,
  329.93,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     150.51398 AT (  503971.98,  3634175.90,   111.56,
  363.34,    0.00)  DC
         2ND HIGHEST VALUE IS     140.82913 AT (  504071.98,  3634225.90,   111.70,
  363.34,    0.00)  DC
         3RD HIGHEST VALUE IS     129.19279 AT (  504121.98,  3634275.90,   111.85,
  363.34,    0.00)  DC
         4TH HIGHEST VALUE IS     127.23953 AT (  504021.98,  3634175.90,   111.49,
  363.34,    0.00)  DC
         5TH HIGHEST VALUE IS     122.84781 AT (  503921.98,  3634125.90,   110.91,
  363.34,    0.00)  DC
         6TH HIGHEST VALUE IS     111.16878 AT (  504121.98,  3634225.90,   112.70,
  363.34,    0.00)  DC
         7TH HIGHEST VALUE IS     109.35755 AT (  504171.98,  3634325.90,   113.36,
  363.34,    0.00)  DC
         8TH HIGHEST VALUE IS     108.08572 AT (  504071.98,  3634175.90,   112.41,
  363.34,    0.00)  DC
         9TH HIGHEST VALUE IS     107.53109 AT (  503971.98,  3634125.90,   111.45,
  363.34,    0.00)  DC
        10TH HIGHEST VALUE IS     104.46575 AT (  503871.98,  3634075.90,   111.90,
  363.34,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SanteeOp\SanteeOp.i ***        02/10/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        13:54:44

                                PAGE  1111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  SigA Data

                                                  *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***
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** CONC OF PM_10 IN MICROGRAMS/M**3
**

| GROUP ID | AVERAGE CONC | DATE (YYMMDDHH) | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | NETWORK OF TYPE | GRID-ID |
|---|---|---|---|---|---|
| ENTER | HIGH 1ST HIGH VALUE IS | 573.40514 | ON 21022105: AT ( 503971.98, 3634175.90, 111.56, 363.34, 0.00) | DC | |
| FIRE | HIGH 1ST HIGH VALUE IS | 95.90344 | ON 19072124: AT ( 503771.98, 3634775.90, 109.72, 334.85, 0.00) | DC | |
| FORKN | HIGH 1ST HIGH VALUE IS | 315.00908 | ON 21012024: AT ( 503771.98, 3634775.90, 109.72, 334.85, 0.00) | DC | |
| FORKS | HIGH 1ST HIGH VALUE IS | 335.31145 | ON 20082306: AT ( 504221.98, 3634375.90, 115.64, 363.34, 0.00) | DC | |
| IDLEN | HIGH 1ST HIGH VALUE IS | 276.45268 | ON 20121721: AT ( 503921.98, 3634875.90, 114.86, 318.87, 0.00) | DC | |
| IDLES | HIGH 1ST HIGH VALUE IS | 302.30107 | ON 20081603: AT ( 504171.98, 3634125.90, 115.88, 363.34, 0.00) | DC | |
| ONSITE | HIGH 1ST HIGH VALUE IS | 128.77988 | ON 20082306: AT ( 504221.98, 3634375.90, 115.64, 363.34, 0.00) | DC | |
| TRUCKN | HIGH 1ST HIGH VALUE IS | 89.40659 | ON 19102623: AT ( 504921.98, 3635075.90, 119.51, 336.00, 0.00) | DC | |
| TRUCKS | HIGH 1ST HIGH VALUE IS | 245.07670 | ON 20092124: AT ( 503521.98, 3633475.90, 131.92, 363.34, 0.00) | DC | |
| TRUCKW | HIGH 1ST HIGH VALUE IS | 143.67580 | ON 20082306: AT ( 502921.98, 3632775.90, 125.74, 329.93, 0.00) | DC | |
| ALL | HIGH 1ST HIGH VALUE IS | 1098.34752 | ON 20081803: AT ( 504171.98, 3634125.90, 115.88, 363.34, 0.00) | DC | |

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            1 Warning Message(s)
A Total of         5244 Informational Message(s)

A Total of        26304 Hours Were Processed

A Total of         4177 Calm Hours Identified

A Total of         1067 Missing Hours Identified (  4.06 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 MX W403    1449       PFLCNV: Turbulence data is being used w/o ADJ_U* option
SigA Data

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************

HARP2 - HRACalc (dated 22118) 2/11/2025 12:34:04 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

**********
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1.28
Total Exposure Duration: 28.72

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0.72
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 2.384186E-07

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: RMP

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\dlarocca\Desktop\HARP2 Files\SanteeOpEMFAC T4i Final wTuckN\hra\OpT4iForkCancerCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\dlarocca\Desktop\HARP2 Files\SanteeOpEMFAC T4i Final wTuckN\hra\OpT4iForkCancerCancerRiskSumByRec.csv
HRA ran successfully

*HARP - HRACalc v22118 2/11/2025 12:34:04 PM - Cancer Risk - Input File: C:\Users\dlarocca\Desktop\HARP2 Files\SanteeOpEMFAC T4i Final wTuckN\hra\OpT4iForkCancerHRAInput.hra

| REC | GRP | NETID | X | Y | RISK_SUM | SCENARIO | INH_RISK | SOIL_RISK | DERMAL_F | MMILK_RIS | WATER_RI | FISH_RISK | CROP_RIS | BEEF_RISK | DAIRY_RIS | PIG_RISK | CHICKEN_ | EGG_RISK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 502722 | 3633476 | 3.29E-07 | 28.72YrCa | 3.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2 | ALL | | 502772 | 3633476 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3 | ALL | | 502822 | 3633476 | 3.55E-07 | 28.72YrCa | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 4 | ALL | | 502872 | 3633476 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 5 | ALL | | 502922 | 3633476 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 6 | ALL | | 502972 | 3633476 | 4.00E-07 | 28.72YrCa | 4.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 7 | ALL | | 503022 | 3633476 | 4.18E-07 | 28.72YrCa | 4.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 8 | ALL | | 503072 | 3633476 | 4.37E-07 | 28.72YrCa | 4.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 9 | ALL | | 503122 | 3633476 | 4.58E-07 | 28.72YrCa | 4.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 10 | ALL | | 503172 | 3633476 | 4.80E-07 | 28.72YrCa | 4.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 11 | ALL | | 503222 | 3633476 | 5.08E-07 | 28.72YrCa | 5.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 12 | ALL | | 503272 | 3633476 | 5.38E-07 | 28.72YrCa | 5.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 13 | ALL | | 503322 | 3633476 | 5.12E-07 | 28.72YrCa | 5.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 14 | ALL | | 503372 | 3633476 | 4.72E-07 | 28.72YrCa | 4.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 15 | ALL | | 503422 | 3633476 | 5.38E-07 | 28.72YrCa | 5.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 16 | ALL | | 503472 | 3633476 | 6.65E-07 | 28.72YrCa | 6.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 17 | ALL | | 503522 | 3633476 | 1.06E-06 | 28.72YrCa | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 18 | ALL | | 503622 | 3633476 | 8.79E-07 | 28.72YrCa | 8.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 19 | ALL | | 503672 | 3633476 | 5.64E-07 | 28.72YrCa | 5.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 20 | ALL | | 503722 | 3633476 | 4.44E-07 | 28.72YrCa | 4.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 21 | ALL | | 503772 | 3633476 | 4.10E-07 | 28.72YrCa | 4.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 22 | ALL | | 503822 | 3633476 | 3.63E-07 | 28.72YrCa | 3.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 23 | ALL | | 503872 | 3633476 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 24 | ALL | | 503922 | 3633476 | 3.56E-07 | 28.72YrCa | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 25 | ALL | | 503972 | 3633476 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 26 | ALL | | 504022 | 3633476 | 3.19E-07 | 28.72YrCa | 3.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 27 | ALL | | 504072 | 3633476 | 3.15E-07 | 28.72YrCa | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 28 | ALL | | 504122 | 3633476 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 29 | ALL | | 504172 | 3633476 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 30 | ALL | | 504222 | 3633476 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 31 | ALL | | 504272 | 3633476 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 32 | ALL | | 504322 | 3633476 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 33 | ALL | | 504372 | 3633476 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 34 | ALL | | 504422 | 3633476 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 35 | ALL | | 504472 | 3633476 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 36 | ALL | | 504522 | 3633476 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 37 | ALL | | 504572 | 3633476 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 38 | ALL | | 504622 | 3633476 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 39 | ALL | | 504672 | 3633476 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 40 | ALL | | 504722 | 3633476 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 41 | ALL | | 502722 | 3633526 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 42 | ALL | | 502772 | 3633526 | 3.46E-07 | 28.72YrCa | 3.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 43 | ALL | | 502822 | 3633526 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44 | ALL | 502872 | 3633526 | 3.76E-07 | 28.72YrCa | 3.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 45 | ALL | 502922 | 3633526 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 46 | ALL | 502972 | 3633526 | 4.10E-07 | 28.72YrCa | 4.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 47 | ALL | 503022 | 3633526 | 4.29E-07 | 28.72YrCa | 4.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 48 | ALL | 503072 | 3633526 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 49 | ALL | 503122 | 3633526 | 4.72E-07 | 28.72YrCa | 4.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 50 | ALL | 503172 | 3633526 | 4.96E-07 | 28.72YrCa | 4.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 51 | ALL | 503222 | 3633526 | 5.25E-07 | 28.72YrCa | 5.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 52 | ALL | 503272 | 3633526 | 5.58E-07 | 28.72YrCa | 5.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 53 | ALL | 503322 | 3633526 | 5.79E-07 | 28.72YrCa | 5.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 54 | ALL | 503372 | 3633526 | 5.46E-07 | 28.72YrCa | 5.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 55 | ALL | 503422 | 3633526 | 6.00E-07 | 28.72YrCa | 6.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 56 | ALL | 503472 | 3633526 | 7.19E-07 | 28.72YrCa | 7.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 57 | ALL | 503522 | 3633526 | 1.03E-06 | 28.72YrCa | 1.03E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 58 | ALL | 503622 | 3633526 | 1.12E-06 | 28.72YrCa | 1.12E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 59 | ALL | 503672 | 3633526 | 7.53E-07 | 28.72YrCa | 7.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 60 | ALL | 503722 | 3633526 | 6.26E-07 | 28.72YrCa | 6.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 61 | ALL | 503772 | 3633526 | 5.01E-07 | 28.72YrCa | 5.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 62 | ALL | 503822 | 3633526 | 4.19E-07 | 28.72YrCa | 4.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 63 | ALL | 503872 | 3633526 | 4.12E-07 | 28.72YrCa | 4.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 64 | ALL | 503922 | 3633526 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 65 | ALL | 503972 | 3633526 | 3.96E-07 | 28.72YrCa | 3.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 66 | ALL | 504022 | 3633526 | 3.61E-07 | 28.72YrCa | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 67 | ALL | 504072 | 3633526 | 3.59E-07 | 28.72YrCa | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 68 | ALL | 504122 | 3633526 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 69 | ALL | 504172 | 3633526 | 3.63E-07 | 28.72YrCa | 3.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 70 | ALL | 504222 | 3633526 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 71 | ALL | 504272 | 3633526 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 72 | ALL | 504322 | 3633526 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 73 | ALL | 504372 | 3633526 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 74 | ALL | 504422 | 3633526 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 75 | ALL | 504472 | 3633526 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 76 | ALL | 504522 | 3633526 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 77 | ALL | 504572 | 3633526 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 78 | ALL | 504622 | 3633526 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 79 | ALL | 504672 | 3633526 | 2.71E-07 | 28.72YrCa | 2.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 80 | ALL | 504722 | 3633526 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 81 | ALL | 502722 | 3633576 | 3.38E-07 | 28.72YrCa | 3.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 82 | ALL | 502772 | 3633576 | 3.52E-07 | 28.72YrCa | 3.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 83 | ALL | 502822 | 3633576 | 3.67E-07 | 28.72YrCa | 3.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 84 | ALL | 502872 | 3633576 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 85 | ALL | 502922 | 3633576 | 4.02E-07 | 28.72YrCa | 4.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 86 | ALL | 502972 | 3633576 | 4.21E-07 | 28.72YrCa | 4.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 87 | ALL | 503022 | 3633576 | 4.42E-07 | 28.72YrCa | 4.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 88 | ALL | 503072 | 3633576 | 4.64E-07 | 28.72YrCa | 4.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89 | ALL | 503122 | 3633576 | 4.88E-07 | 28.72YrCa | 4.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 90 | ALL | 503172 | 3633576 | 5.14E-07 | 28.72YrCa | 5.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 91 | ALL | 503222 | 3633576 | 5.45E-07 | 28.72YrCa | 5.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 92 | ALL | 503272 | 3633576 | 5.79E-07 | 28.72YrCa | 5.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 93 | ALL | 503322 | 3633576 | 6.12E-07 | 28.72YrCa | 6.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 94 | ALL | 503372 | 3633576 | 6.08E-07 | 28.72YrCa | 6.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 95 | ALL | 503422 | 3633576 | 6.58E-07 | 28.72YrCa | 6.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 96 | ALL | 503472 | 3633576 | 7.46E-07 | 28.72YrCa | 7.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 97 | ALL | 503522 | 3633576 | 9.71E-07 | 28.72YrCa | 9.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 98 | ALL | 503622 | 3633576 | 1.26E-06 | 28.72YrCa | 1.26E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 99 | ALL | 503672 | 3633576 | 8.75E-07 | 28.72YrCa | 8.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 100 | ALL | 503722 | 3633576 | 7.33E-07 | 28.72YrCa | 7.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 101 | ALL | 503772 | 3633576 | 6.00E-07 | 28.72YrCa | 6.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 102 | ALL | 503822 | 3633576 | 5.17E-07 | 28.72YrCa | 5.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 103 | ALL | 503872 | 3633576 | 5.16E-07 | 28.72YrCa | 5.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 104 | ALL | 503922 | 3633576 | 4.97E-07 | 28.72YrCa | 4.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 105 | ALL | 503972 | 3633576 | 4.55E-07 | 28.72YrCa | 4.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 106 | ALL | 504022 | 3633576 | 4.37E-07 | 28.72YrCa | 4.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 107 | ALL | 504072 | 3633576 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 108 | ALL | 504122 | 3633576 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 109 | ALL | 504172 | 3633576 | 4.16E-07 | 28.72YrCa | 4.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 110 | ALL | 504222 | 3633576 | 4.15E-07 | 28.72YrCa | 4.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 111 | ALL | 504272 | 3633576 | 3.62E-07 | 28.72YrCa | 3.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 112 | ALL | 504322 | 3633576 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 113 | ALL | 504372 | 3633576 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 114 | ALL | 504422 | 3633576 | 2.80E-07 | 28.72YrCa | 2.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 115 | ALL | 504472 | 3633576 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 116 | ALL | 504522 | 3633576 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 117 | ALL | 504572 | 3633576 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 118 | ALL | 504622 | 3633576 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 119 | ALL | 504672 | 3633576 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 120 | ALL | 504722 | 3633576 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 121 | ALL | 502722 | 3633626 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 122 | ALL | 502772 | 3633626 | 3.59E-07 | 28.72YrCa | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 123 | ALL | 502822 | 3633626 | 3.75E-07 | 28.72YrCa | 3.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 124 | ALL | 502872 | 3633626 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 125 | ALL | 502922 | 3633626 | 4.12E-07 | 28.72YrCa | 4.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 126 | ALL | 502972 | 3633626 | 4.33E-07 | 28.72YrCa | 4.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 127 | ALL | 503022 | 3633626 | 4.56E-07 | 28.72YrCa | 4.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 128 | ALL | 503072 | 3633626 | 4.79E-07 | 28.72YrCa | 4.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 129 | ALL | 503122 | 3633626 | 5.05E-07 | 28.72YrCa | 5.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 130 | ALL | 503172 | 3633626 | 5.34E-07 | 28.72YrCa | 5.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 131 | ALL | 503222 | 3633626 | 5.66E-07 | 28.72YrCa | 5.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 132 | ALL | 503272 | 3633626 | 6.03E-07 | 28.72YrCa | 6.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 133 | ALL | 503322 | 3633626 | 6.45E-07 | 28.72YrCa | 6.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 134 | ALL | 503372 | 3633626 | 6.75E-07 | 28.72YrCa | 6.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 135 | ALL | 503422 | 3633626 | 6.94E-07 | 28.72YrCa | 6.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 136 | ALL | 503472 | 3633626 | 7.72E-07 | 28.72YrCa | 7.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 137 | ALL | 503522 | 3633626 | 9.50E-07 | 28.72YrCa | 9.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 138 | ALL | 503622 | 3633626 | 1.57E-06 | 28.72YrCa | 1.57E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 139 | ALL | 503672 | 3633626 | 9.63E-07 | 28.72YrCa | 9.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 140 | ALL | 503722 | 3633626 | 8.10E-07 | 28.72YrCa | 8.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 141 | ALL | 503772 | 3633626 | 6.49E-07 | 28.72YrCa | 6.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 142 | ALL | 503822 | 3633626 | 5.93E-07 | 28.72YrCa | 5.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 143 | ALL | 503872 | 3633626 | 5.78E-07 | 28.72YrCa | 5.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 144 | ALL | 503922 | 3633626 | 5.42E-07 | 28.72YrCa | 5.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 145 | ALL | 503972 | 3633626 | 5.20E-07 | 28.72YrCa | 5.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 146 | ALL | 504022 | 3633626 | 4.89E-07 | 28.72YrCa | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 147 | ALL | 504072 | 3633626 | 4.66E-07 | 28.72YrCa | 4.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 148 | ALL | 504122 | 3633626 | 4.76E-07 | 28.72YrCa | 4.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 149 | ALL | 504172 | 3633626 | 4.71E-07 | 28.72YrCa | 4.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 150 | ALL | 504222 | 3633626 | 4.54E-07 | 28.72YrCa | 4.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 151 | ALL | 504272 | 3633626 | 4.07E-07 | 28.72YrCa | 4.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 152 | ALL | 504322 | 3633626 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 153 | ALL | 504372 | 3633626 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 154 | ALL | 504422 | 3633626 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 155 | ALL | 504472 | 3633626 | 3.09E-07 | 28.72YrCa | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 156 | ALL | 504522 | 3633626 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 157 | ALL | 504572 | 3633626 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 158 | ALL | 504622 | 3633626 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 159 | ALL | 504672 | 3633626 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 160 | ALL | 504722 | 3633626 | 3.11E-07 | 28.72YrCa | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 161 | ALL | 502722 | 3633676 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 162 | ALL | 502772 | 3633676 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 163 | ALL | 502822 | 3633676 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 164 | ALL | 502872 | 3633676 | 4.03E-07 | 28.72YrCa | 4.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 165 | ALL | 502922 | 3633676 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 166 | ALL | 502972 | 3633676 | 4.46E-07 | 28.72YrCa | 4.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 167 | ALL | 503022 | 3633676 | 4.71E-07 | 28.72YrCa | 4.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 168 | ALL | 503072 | 3633676 | 4.96E-07 | 28.72YrCa | 4.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 169 | ALL | 503122 | 3633676 | 5.25E-07 | 28.72YrCa | 5.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 170 | ALL | 503172 | 3633676 | 5.56E-07 | 28.72YrCa | 5.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 171 | ALL | 503222 | 3633676 | 5.91E-07 | 28.72YrCa | 5.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 172 | ALL | 503272 | 3633676 | 6.30E-07 | 28.72YrCa | 6.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 173 | ALL | 503322 | 3633676 | 6.74E-07 | 28.72YrCa | 6.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 174 | ALL | 503372 | 3633676 | 7.25E-07 | 28.72YrCa | 7.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 175 | ALL | 503422 | 3633676 | 7.90E-07 | 28.72YrCa | 7.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 176 | ALL | 503472 | 3633676 | 8.55E-07 | 28.72YrCa | 8.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 177 | ALL | 503522 | 3633676 | 9.66E-07 | 28.72YrCa | 9.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 178 | ALL | 503572 | 3633676 | 1.34E-06 | 28.72YrCa | 1.34E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 179 | ALL | 503672 | 3633676 | 1.10E-06 | 28.72YrCa | 1.10E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 180 | ALL | 503722 | 3633676 | 8.87E-07 | 28.72YrCa | 8.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 181 | ALL | 503772 | 3633676 | 7.70E-07 | 28.72YrCa | 7.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 182 | ALL | 503822 | 3633676 | 6.89E-07 | 28.72YrCa | 6.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 183 | ALL | 503872 | 3633676 | 6.36E-07 | 28.72YrCa | 6.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 184 | ALL | 503922 | 3633676 | 6.09E-07 | 28.72YrCa | 6.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 185 | ALL | 503972 | 3633676 | 5.77E-07 | 28.72YrCa | 5.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 186 | ALL | 504022 | 3633676 | 5.48E-07 | 28.72YrCa | 5.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 187 | ALL | 504072 | 3633676 | 5.36E-07 | 28.72YrCa | 5.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 188 | ALL | 504122 | 3633676 | 5.36E-07 | 28.72YrCa | 5.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 189 | ALL | 504172 | 3633676 | 5.31E-07 | 28.72YrCa | 5.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 190 | ALL | 504222 | 3633676 | 5.16E-07 | 28.72YrCa | 5.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 191 | ALL | 504272 | 3633676 | 4.73E-07 | 28.72YrCa | 4.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 192 | ALL | 504322 | 3633676 | 4.18E-07 | 28.72YrCa | 4.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 193 | ALL | 504372 | 3633676 | 3.74E-07 | 28.72YrCa | 3.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 194 | ALL | 504422 | 3633676 | 3.56E-07 | 28.72YrCa | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 195 | ALL | 504472 | 3633676 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 196 | ALL | 504522 | 3633676 | 3.74E-07 | 28.72YrCa | 3.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 197 | ALL | 504572 | 3633676 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 198 | ALL | 504622 | 3633676 | 3.58E-07 | 28.72YrCa | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 199 | ALL | 504672 | 3633676 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 200 | ALL | 504722 | 3633676 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 201 | ALL | 502722 | 3633726 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 202 | ALL | 502772 | 3633726 | 3.75E-07 | 28.72YrCa | 3.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 203 | ALL | 502822 | 3633726 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 204 | ALL | 502872 | 3633726 | 4.14E-07 | 28.72YrCa | 4.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 205 | ALL | 502922 | 3633726 | 4.37E-07 | 28.72YrCa | 4.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 206 | ALL | 502972 | 3633726 | 4.61E-07 | 28.72YrCa | 4.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 207 | ALL | 503022 | 3633726 | 4.86E-07 | 28.72YrCa | 4.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 208 | ALL | 503072 | 3633726 | 5.15E-07 | 28.72YrCa | 5.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 209 | ALL | 503122 | 3633726 | 5.46E-07 | 28.72YrCa | 5.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 210 | ALL | 503172 | 3633726 | 5.80E-07 | 28.72YrCa | 5.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 211 | ALL | 503222 | 3633726 | 6.18E-07 | 28.72YrCa | 6.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 212 | ALL | 503272 | 3633726 | 6.59E-07 | 28.72YrCa | 6.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 213 | ALL | 503322 | 3633726 | 7.06E-07 | 28.72YrCa | 7.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 214 | ALL | 503372 | 3633726 | 7.59E-07 | 28.72YrCa | 7.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 215 | ALL | 503422 | 3633726 | 8.23E-07 | 28.72YrCa | 8.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 216 | ALL | 503472 | 3633726 | 9.11E-07 | 28.72YrCa | 9.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 217 | ALL | 503522 | 3633726 | 1.02E-06 | 28.72YrCa | 1.02E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 218 | ALL | 503572 | 3633726 | 1.23E-06 | 28.72YrCa | 1.23E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 219 | ALL | 503722 | 3633726 | 1.06E-06 | 28.72YrCa | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 220 | ALL | 503772 | 3633726 | 8.70E-07 | 28.72YrCa | 8.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 221 | ALL | 503822 | 3633726 | 7.90E-07 | 28.72YrCa | 7.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 222 | ALL | 503872 | 3633726 | 7.21E-07 | 28.72YrCa | 7.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 223 | ALL | 503922 | 3633726 | 6.83E-07 | 28.72YrCa | 6.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 224 | ALL | 503972 | 3633726 | 6.36E-07 | 28.72YrCa | 6.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 225 | ALL | 504022 | 3633726 | 6.11E-07 | 28.72YrCa | 6.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 226 | ALL | 504072 | 3633726 | 6.00E-07 | 28.72YrCa | 6.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 227 | ALL | 504122 | 3633726 | 6.12E-07 | 28.72YrCa | 6.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 228 | ALL | 504172 | 3633726 | 5.96E-07 | 28.72YrCa | 5.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 229 | ALL | 504222 | 3633726 | 5.73E-07 | 28.72YrCa | 5.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 230 | ALL | 504272 | 3633726 | 5.63E-07 | 28.72YrCa | 5.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 231 | ALL | 504322 | 3633726 | 4.87E-07 | 28.72YrCa | 4.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 232 | ALL | 504372 | 3633726 | 4.37E-07 | 28.72YrCa | 4.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 233 | ALL | 504422 | 3633726 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 234 | ALL | 504472 | 3633726 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 235 | ALL | 504522 | 3633726 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 236 | ALL | 504572 | 3633726 | 4.04E-07 | 28.72YrCa | 4.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 237 | ALL | 504622 | 3633726 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 238 | ALL | 504672 | 3633726 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 239 | ALL | 504722 | 3633726 | 3.73E-07 | 28.72YrCa | 3.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 240 | ALL | 502722 | 3633776 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 241 | ALL | 502772 | 3633776 | 3.83E-07 | 28.72YrCa | 3.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 242 | ALL | 502822 | 3633776 | 4.03E-07 | 28.72YrCa | 4.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 243 | ALL | 502872 | 3633776 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 244 | ALL | 502922 | 3633776 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 245 | ALL | 502972 | 3633776 | 4.77E-07 | 28.72YrCa | 4.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 246 | ALL | 503022 | 3633776 | 5.05E-07 | 28.72YrCa | 5.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 247 | ALL | 503072 | 3633776 | 5.36E-07 | 28.72YrCa | 5.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 248 | ALL | 503122 | 3633776 | 5.70E-07 | 28.72YrCa | 5.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 249 | ALL | 503172 | 3633776 | 6.07E-07 | 28.72YrCa | 6.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 250 | ALL | 503222 | 3633776 | 6.48E-07 | 28.72YrCa | 6.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 251 | ALL | 503272 | 3633776 | 6.93E-07 | 28.72YrCa | 6.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 252 | ALL | 503322 | 3633776 | 7.44E-07 | 28.72YrCa | 7.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 253 | ALL | 503372 | 3633776 | 8.00E-07 | 28.72YrCa | 8.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 254 | ALL | 503422 | 3633776 | 8.66E-07 | 28.72YrCa | 8.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 255 | ALL | 503472 | 3633776 | 9.48E-07 | 28.72YrCa | 9.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 256 | ALL | 503772 | 3633776 | 9.97E-07 | 28.72YrCa | 9.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 257 | ALL | 503822 | 3633776 | 8.93E-07 | 28.72YrCa | 8.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 258 | ALL | 503872 | 3633776 | 8.32E-07 | 28.72YrCa | 8.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 259 | ALL | 503922 | 3633776 | 7.59E-07 | 28.72YrCa | 7.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 260 | ALL | 503972 | 3633776 | 7.09E-07 | 28.72YrCa | 7.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 261 | ALL | 504022 | 3633776 | 6.88E-07 | 28.72YrCa | 6.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 262 | ALL | 504072 | 3633776 | 7.27E-07 | 28.72YrCa | 7.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 263 | ALL | 504122 | 3633776 | 7.05E-07 | 28.72YrCa | 7.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 264 | ALL | 504172 | 3633776 | 6.89E-07 | 28.72YrCa | 6.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 265 | ALL | 504222 | 3633776 | 6.62E-07 | 28.72YrCa | 6.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 266 | ALL | 504272 | 3633776 | 6.29E-07 | 28.72YrCa | 6.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 267 | ALL | 504322 | 3633776 | 5.62E-07 | 28.72YrCa | 5.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 268 | ALL | 504372 | 3633776 | 5.22E-07 | 28.72YrCa | 5.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 269 | ALL | 504422 | 3633776 | 5.03E-07 | 28.72YrCa | 5.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 270 | ALL | 504472 | 3633776 | 4.76E-07 | 28.72YrCa | 4.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 271 | ALL | 504522 | 3633776 | 4.87E-07 | 28.72YrCa | 4.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 272 | ALL | 504572 | 3633776 | 4.97E-07 | 28.72YrCa | 4.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 273 | ALL | 504622 | 3633776 | 4.73E-07 | 28.72YrCa | 4.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 274 | ALL | 504672 | 3633776 | 4.44E-07 | 28.72YrCa | 4.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 275 | ALL | 504722 | 3633776 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 276 | ALL | 502722 | 3633826 | 3.72E-07 | 28.72YrCa | 3.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 277 | ALL | 502772 | 3633826 | 3.92E-07 | 28.72YrCa | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 278 | ALL | 502822 | 3633826 | 4.14E-07 | 28.72YrCa | 4.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 279 | ALL | 502872 | 3633826 | 4.38E-07 | 28.72YrCa | 4.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 280 | ALL | 502922 | 3633826 | 4.64E-07 | 28.72YrCa | 4.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 281 | ALL | 502972 | 3633826 | 4.93E-07 | 28.72YrCa | 4.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 282 | ALL | 503022 | 3633826 | 5.24E-07 | 28.72YrCa | 5.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 283 | ALL | 503072 | 3633826 | 5.58E-07 | 28.72YrCa | 5.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 284 | ALL | 503122 | 3633826 | 5.95E-07 | 28.72YrCa | 5.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 285 | ALL | 503172 | 3633826 | 6.36E-07 | 28.72YrCa | 6.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 286 | ALL | 503222 | 3633826 | 6.82E-07 | 28.72YrCa | 6.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 287 | ALL | 503272 | 3633826 | 7.32E-07 | 28.72YrCa | 7.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 288 | ALL | 503772 | 3633826 | 1.21E-06 | 28.72YrCa | 1.21E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 289 | ALL | 503822 | 3633826 | 1.08E-06 | 28.72YrCa | 1.08E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 290 | ALL | 503872 | 3633826 | 9.61E-07 | 28.72YrCa | 9.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 291 | ALL | 503922 | 3633826 | 8.56E-07 | 28.72YrCa | 8.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 292 | ALL | 503972 | 3633826 | 8.14E-07 | 28.72YrCa | 8.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 293 | ALL | 504022 | 3633826 | 8.60E-07 | 28.72YrCa | 8.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 294 | ALL | 504072 | 3633826 | 8.27E-07 | 28.72YrCa | 8.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 295 | ALL | 504122 | 3633826 | 8.08E-07 | 28.72YrCa | 8.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 296 | ALL | 504172 | 3633826 | 8.02E-07 | 28.72YrCa | 8.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 297 | ALL | 504222 | 3633826 | 7.69E-07 | 28.72YrCa | 7.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 298 | ALL | 504272 | 3633826 | 7.39E-07 | 28.72YrCa | 7.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 299 | ALL | 504322 | 3633826 | 7.05E-07 | 28.72YrCa | 7.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 300 | ALL | 504372 | 3633826 | 6.61E-07 | 28.72YrCa | 6.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 301 | ALL | 504422 | 3633826 | 6.12E-07 | 28.72YrCa | 6.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 302 | ALL | 504472 | 3633826 | 5.84E-07 | 28.72YrCa | 5.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 303 | ALL | 504522 | 3633826 | 5.72E-07 | 28.72YrCa | 5.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 304 | ALL | 504572 | 3633826 | 5.69E-07 | 28.72YrCa | 5.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 305 | ALL | 504622 | 3633826 | 5.29E-07 | 28.72YrCa | 5.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 306 | ALL | 504672 | 3633826 | 4.92E-07 | 28.72YrCa | 4.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 307 | ALL | 504722 | 3633826 | 4.70E-07 | 28.72YrCa | 4.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 308 | ALL | 502722 | 3633876 | 3.80E-07 | 28.72YrCa | 3.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 309 | ALL | 502772 | 3633876 | 4.01E-07 | 28.72YrCa | 4.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 310 | ALL | 502822 | 3633876 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 311 | ALL | 502872 | 3633876 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 312 | ALL | 502922 | 3633876 | 4.79E-07 | 28.72YrCa | 4.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 313 | ALL | 502972 | 3633876 | 5.10E-07 | 28.72YrCa | 5.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 314 | ALL | 503022 | 3633876 | 5.44E-07 | 28.72YrCa | 5.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 315 | ALL | 503072 | 3633876 | 5.82E-07 | 28.72YrCa | 5.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 316 | ALL | 503122 | 3633876 | 6.22E-07 | 28.72YrCa | 6.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 317 | ALL | 503172 | 3633876 | 6.68E-07 | 28.72YrCa | 6.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 318 | ALL | 503222 | 3633876 | 7.18E-07 | 28.72YrCa | 7.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 319 | ALL | 503272 | 3633876 | 7.74E-07 | 28.72YrCa | 7.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 320 | ALL | 503822 | 3633876 | 1.25E-06 | 28.72YrCa | 1.25E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 321 | ALL | 503872 | 3633876 | 1.09E-06 | 28.72YrCa | 1.09E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 322 | ALL | 503922 | 3633876 | 1.02E-06 | 28.72YrCa | 1.02E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 323 | ALL | 503972 | 3633876 | 1.06E-06 | 28.72YrCa | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 324 | ALL | 504022 | 3633876 | 1.01E-06 | 28.72YrCa | 1.01E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 325 | ALL | 504072 | 3633876 | 9.50E-07 | 28.72YrCa | 9.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 326 | ALL | 504122 | 3633876 | 9.46E-07 | 28.72YrCa | 9.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 327 | ALL | 504172 | 3633876 | 9.11E-07 | 28.72YrCa | 9.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 328 | ALL | 504222 | 3633876 | 8.81E-07 | 28.72YrCa | 8.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 329 | ALL | 504272 | 3633876 | 8.45E-07 | 28.72YrCa | 8.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 330 | ALL | 504322 | 3633876 | 7.91E-07 | 28.72YrCa | 7.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 331 | ALL | 504372 | 3633876 | 7.50E-07 | 28.72YrCa | 7.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 332 | ALL | 504422 | 3633876 | 7.02E-07 | 28.72YrCa | 7.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 333 | ALL | 504472 | 3633876 | 6.75E-07 | 28.72YrCa | 6.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 334 | ALL | 504522 | 3633876 | 6.69E-07 | 28.72YrCa | 6.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 335 | ALL | 504572 | 3633876 | 6.41E-07 | 28.72YrCa | 6.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 336 | ALL | 504622 | 3633876 | 5.98E-07 | 28.72YrCa | 5.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 337 | ALL | 504672 | 3633876 | 5.26E-07 | 28.72YrCa | 5.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 338 | ALL | 504722 | 3633876 | 5.03E-07 | 28.72YrCa | 5.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 339 | ALL | 502722 | 3633926 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 340 | ALL | 502772 | 3633926 | 4.11E-07 | 28.72YrCa | 4.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 341 | ALL | 502822 | 3633926 | 4.36E-07 | 28.72YrCa | 4.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 342 | ALL | 502872 | 3633926 | 4.63E-07 | 28.72YrCa | 4.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 343 | ALL | 502922 | 3633926 | 4.94E-07 | 28.72YrCa | 4.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 344 | ALL | 502972 | 3633926 | 5.28E-07 | 28.72YrCa | 5.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 345 | ALL | 503022 | 3633926 | 5.65E-07 | 28.72YrCa | 5.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 346 | ALL | 503072 | 3633926 | 6.06E-07 | 28.72YrCa | 6.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 347 | ALL | 503122 | 3633926 | 6.52E-07 | 28.72YrCa | 6.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 348 | ALL | 503172 | 3633926 | 7.02E-07 | 28.72YrCa | 7.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 349 | ALL | 503222 | 3633926 | 7.58E-07 | 28.72YrCa | 7.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 350 | ALL | 503272 | 3633926 | 8.21E-07 | 28.72YrCa | 8.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 351 | ALL | 503822 | 3633926 | 1.52E-06 | 28.72YrCa | 1.52E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 352 | ALL | 503872 | 3633926 | 1.35E-06 | 28.72YrCa | 1.35E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 353 | ALL | 503922 | 3633926 | 1.29E-06 | 28.72YrCa | 1.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 354 | ALL | 503972 | 3633926 | 1.29E-06 | 28.72YrCa | 1.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 355 | ALL | 504022 | 3633926 | 1.19E-06 | 28.72YrCa | 1.19E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 356 | ALL | 504072 | 3633926 | 1.15E-06 | 28.72YrCa | 1.15E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 357 | ALL | 504122 | 3633926 | 1.09E-06 | 28.72YrCa | 1.09E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 358 | ALL | 504172 | 3633926 | 1.07E-06 | 28.72YrCa | 1.07E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 359 | ALL | 504222 | 3633926 | 1.04E-06 | 28.72YrCa | 1.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 360 | ALL | 504272 | 3633926 | 9.86E-07 | 28.72YrCa | 9.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 361 | ALL | 504322 | 3633926 | 9.45E-07 | 28.72YrCa | 9.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 362 | ALL | 504372 | 3633926 | 8.82E-07 | 28.72YrCa | 8.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 363 | ALL | 504422 | 3633926 | 8.42E-07 | 28.72YrCa | 8.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 364 | ALL | 504472 | 3633926 | 7.92E-07 | 28.72YrCa | 7.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 365 | ALL | 504522 | 3633926 | 7.39E-07 | 28.72YrCa | 7.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 366 | ALL | 504572 | 3633926 | 6.67E-07 | 28.72YrCa | 6.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 367 | ALL | 504622 | 3633926 | 6.10E-07 | 28.72YrCa | 6.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 368 | ALL | 504672 | 3633926 | 5.64E-07 | 28.72YrCa | 5.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 369 | ALL | 504722 | 3633926 | 5.22E-07 | 28.72YrCa | 5.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 370 | ALL | 502722 | 3633976 | 3.96E-07 | 28.72YrCa | 3.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 371 | ALL | 502772 | 3633976 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 372 | ALL | 502822 | 3633976 | 4.46E-07 | 28.72YrCa | 4.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 373 | ALL | 502872 | 3633976 | 4.76E-07 | 28.72YrCa | 4.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 374 | ALL | 502922 | 3633976 | 5.10E-07 | 28.72YrCa | 5.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 375 | ALL | 502972 | 3633976 | 5.45E-07 | 28.72YrCa | 5.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 376 | ALL | 503022 | 3633976 | 5.86E-07 | 28.72YrCa | 5.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 377 | ALL | 503072 | 3633976 | 6.31E-07 | 28.72YrCa | 6.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 378 | ALL | 503122 | 3633976 | 6.82E-07 | 28.72YrCa | 6.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 379 | ALL | 503172 | 3633976 | 7.39E-07 | 28.72YrCa | 7.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 380 | ALL | 503222 | 3633976 | 8.02E-07 | 28.72YrCa | 8.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 381 | ALL | 503272 | 3633976 | 8.73E-07 | 28.72YrCa | 8.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 382 | ALL | 503822 | 3633976 | 1.90E-06 | 28.72YrCa | 1.90E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 383 | ALL | 503872 | 3633976 | 1.70E-06 | 28.72YrCa | 1.70E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 384 | ALL | 503922 | 3633976 | 1.73E-06 | 28.72YrCa | 1.73E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 385 | ALL | 503972 | 3633976 | 1.56E-06 | 28.72YrCa | 1.56E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 386 | ALL | 504022 | 3633976 | 1.44E-06 | 28.72YrCa | 1.44E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 387 | ALL | 504072 | 3633976 | 1.35E-06 | 28.72YrCa | 1.35E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 388 | ALL | 504122 | 3633976 | 1.31E-06 | 28.72YrCa | 1.31E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 389 | ALL | 504172 | 3633976 | 1.26E-06 | 28.72YrCa | 1.26E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 390 | ALL | 504222 | 3633976 | 1.19E-06 | 28.72YrCa | 1.19E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 391 | ALL | 504272 | 3633976 | 1.13E-06 | 28.72YrCa | 1.13E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 392 | ALL | 504322 | 3633976 | 1.08E-06 | 28.72YrCa | 1.08E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 393 | ALL | 504372 | 3633976 | 9.98E-07 | 28.72YrCa | 9.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 394 | ALL | 504422 | 3633976 | 9.38E-07 | 28.72YrCa | 9.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 395 | ALL | 504472 | 3633976 | 8.37E-07 | 28.72YrCa | 8.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 396 | ALL | 504522 | 3633976 | 7.37E-07 | 28.72YrCa | 7.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 397 | ALL | 504572 | 3633976 | 6.77E-07 | 28.72YrCa | 6.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 398 | ALL | 504622 | 3633976 | 6.20E-07 | 28.72YrCa | 6.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 399 | ALL | 504672 | 3633976 | 5.63E-07 | 28.72YrCa | 5.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 400 | ALL | 504722 | 3633976 | 5.05E-07 | 28.72YrCa | 5.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 401 | ALL | 502722 | 3634026 | 4.04E-07 | 28.72YrCa | 4.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 402 | ALL | 502772 | 3634026 | 4.30E-07 | 28.72YrCa | 4.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 403 | ALL | 502822 | 3634026 | 4.58E-07 | 28.72YrCa | 4.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 404 | ALL | 502872 | 3634026 | 4.89E-07 | 28.72YrCa | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 405 | ALL | 502922 | 3634026 | 5.24E-07 | 28.72YrCa | 5.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 406 | ALL | 502972 | 3634026 | 5.63E-07 | 28.72YrCa | 5.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 407 | ALL | 503022 | 3634026 | 6.08E-07 | 28.72YrCa | 6.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 408 | ALL | 503072 | 3634026 | 6.57E-07 | 28.72YrCa | 6.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 409 | ALL | 503122 | 3634026 | 7.13E-07 | 28.72YrCa | 7.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 410 | ALL | 503172 | 3634026 | 7.77E-07 | 28.72YrCa | 7.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 411 | ALL | 503222 | 3634026 | 8.48E-07 | 28.72YrCa | 8.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 412 | ALL | 503272 | 3634026 | 9.30E-07 | 28.72YrCa | 9.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 413 | ALL | 503872 | 3634026 | 2.25E-06 | 28.72YrCa | 2.25E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 414 | ALL | 503922 | 3634026 | 2.11E-06 | 28.72YrCa | 2.11E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 415 | ALL | 503972 | 3634026 | 1.85E-06 | 28.72YrCa | 1.85E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 416 | ALL | 504022 | 3634026 | 1.74E-06 | 28.72YrCa | 1.74E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 417 | ALL | 504072 | 3634026 | 1.63E-06 | 28.72YrCa | 1.63E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 418 | ALL | 504122 | 3634026 | 1.55E-06 | 28.72YrCa | 1.55E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 419 | ALL | 504172 | 3634026 | 1.46E-06 | 28.72YrCa | 1.46E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 420 | ALL | 504222 | 3634026 | 1.38E-06 | 28.72YrCa | 1.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 421 | ALL | 504272 | 3634026 | 1.29E-06 | 28.72YrCa | 1.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 422 | ALL | 504322 | 3634026 | 1.21E-06 | 28.72YrCa | 1.21E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 423 | ALL | 504372 | 3634026 | 1.10E-06 | 28.72YrCa | 1.10E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 424 | ALL | 504422 | 3634026 | 9.48E-07 | 28.72YrCa | 9.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 425 | ALL | 504472 | 3634026 | 8.41E-07 | 28.72YrCa | 8.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 426 | ALL | 504522 | 3634026 | 7.64E-07 | 28.72YrCa | 7.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 427 | ALL | 504572 | 3634026 | 6.87E-07 | 28.72YrCa | 6.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 428 | ALL | 504622 | 3634026 | 6.05E-07 | 28.72YrCa | 6.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 429 | ALL | 504672 | 3634026 | 5.43E-07 | 28.72YrCa | 5.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 430 | ALL | 504722 | 3634026 | 4.92E-07 | 28.72YrCa | 4.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 431 | ALL | 502722 | 3634076 | 4.12E-07 | 28.72YrCa | 4.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 432 | ALL | 502772 | 3634076 | 4.38E-07 | 28.72YrCa | 4.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 433 | ALL | 502822 | 3634076 | 4.68E-07 | 28.72YrCa | 4.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 434 | ALL | 502872 | 3634076 | 5.02E-07 | 28.72YrCa | 5.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 435 | ALL | 502922 | 3634076 | 5.39E-07 | 28.72YrCa | 5.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 436 | ALL | 502972 | 3634076 | 5.81E-07 | 28.72YrCa | 5.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 437 | ALL | 503022 | 3634076 | 6.30E-07 | 28.72YrCa | 6.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 438 | ALL | 503072 | 3634076 | 6.84E-07 | 28.72YrCa | 6.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 439 | ALL | 503122 | 3634076 | 7.46E-07 | 28.72YrCa | 7.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 440 | ALL | 503172 | 3634076 | 8.16E-07 | 28.72YrCa | 8.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 441 | ALL | 503222 | 3634076 | 8.97E-07 | 28.72YrCa | 8.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 442 | ALL | 503272 | 3634076 | 9.90E-07 | 28.72YrCa | 9.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 443 | ALL | 503872 | 3634076 | 2.93E-06 | 28.72YrCa | 2.93E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 444 | ALL | 503922 | 3634076 | 2.61E-06 | 28.72YrCa | 2.61E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 445 | ALL | 503972 | 3634076 | 2.36E-06 | 28.72YrCa | 2.36E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 446 | ALL | 504022 | 3634076 | 2.09E-06 | 28.72YrCa | 2.09E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 447 | ALL | 504072 | 3634076 | 1.95E-06 | 28.72YrCa | 1.95E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 448 | ALL | 504122 | 3634076 | 1.84E-06 | 28.72YrCa | 1.84E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 449 | ALL | 504172 | 3634076 | 1.72E-06 | 28.72YrCa | 1.72E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 450 | ALL | 504222 | 3634076 | 1.61E-06 | 28.72YrCa | 1.61E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 451 | ALL | 504272 | 3634076 | 1.49E-06 | 28.72YrCa | 1.49E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 452 | ALL | 504322 | 3634076 | 1.34E-06 | 28.72YrCa | 1.34E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 453 | ALL | 504372 | 3634076 | 1.15E-06 | 28.72YrCa | 1.15E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 454 | ALL | 504422 | 3634076 | 9.97E-07 | 28.72YrCa | 9.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 455 | ALL | 504472 | 3634076 | 8.66E-07 | 28.72YrCa | 8.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 456 | ALL | 504522 | 3634076 | 7.50E-07 | 28.72YrCa | 7.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 457 | ALL | 504572 | 3634076 | 6.56E-07 | 28.72YrCa | 6.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 458 | ALL | 504622 | 3634076 | 5.68E-07 | 28.72YrCa | 5.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 459 | ALL | 504672 | 3634076 | 5.18E-07 | 28.72YrCa | 5.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 460 | ALL | 504722 | 3634076 | 4.81E-07 | 28.72YrCa | 4.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 461 | ALL | 502722 | 3634126 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 462 | ALL | 502772 | 3634126 | 4.47E-07 | 28.72YrCa | 4.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 463 | ALL | 502822 | 3634126 | 4.78E-07 | 28.72YrCa | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 464 | ALL | 502872 | 3634126 | 5.14E-07 | 28.72YrCa | 5.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 465 | ALL | 502922 | 3634126 | 5.54E-07 | 28.72YrCa | 5.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 466 | ALL | 502972 | 3634126 | 5.99E-07 | 28.72YrCa | 5.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 467 | ALL | 503022 | 3634126 | 6.51E-07 | 28.72YrCa | 6.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 468 | ALL | 503072 | 3634126 | 7.10E-07 | 28.72YrCa | 7.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 469 | ALL | 503122 | 3634126 | 7.78E-07 | 28.72YrCa | 7.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 470 | ALL | 503172 | 3634126 | 8.57E-07 | 28.72YrCa | 8.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 471 | ALL | 503222 | 3634126 | 9.47E-07 | 28.72YrCa | 9.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 472 | ALL | 503272 | 3634126 | 1.05E-06 | 28.72YrCa | 1.05E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 473 | ALL | 503922 | 3634126 | 3.36E-06 | 28.72YrCa | 3.36E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 474 | ALL | 503972 | 3634126 | 2.94E-06 | 28.72YrCa | 2.94E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 475 | ALL | 504022 | 3634126 | 2.62E-06 | 28.72YrCa | 2.62E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 476 | ALL | 504072 | 3634126 | 2.37E-06 | 28.72YrCa | 2.37E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 477 | ALL | 504122 | 3634126 | 2.18E-06 | 28.72YrCa | 2.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 478 | ALL | 504172 | 3634126 | 2.02E-06 | 28.72YrCa | 2.02E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 479 | ALL | 504222 | 3634126 | 1.85E-06 | 28.72YrCa | 1.85E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 480 | ALL | 504272 | 3634126 | 1.67E-06 | 28.72YrCa | 1.67E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 481 | ALL | 504322 | 3634126 | 1.46E-06 | 28.72YrCa | 1.46E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 482 | ALL | 504372 | 3634126 | 1.25E-06 | 28.72YrCa | 1.25E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 483 | ALL | 504422 | 3634126 | 1.04E-06 | 28.72YrCa | 1.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 484 | ALL | 504472 | 3634126 | 8.43E-07 | 28.72YrCa | 8.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 485 | ALL | 504522 | 3634126 | 7.35E-07 | 28.72YrCa | 7.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 486 | ALL | 504572 | 3634126 | 6.33E-07 | 28.72YrCa | 6.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 487 | ALL | 504622 | 3634126 | 5.53E-07 | 28.72YrCa | 5.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 488 | ALL | 504672 | 3634126 | 5.08E-07 | 28.72YrCa | 5.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 489 | ALL | 504722 | 3634126 | 4.61E-07 | 28.72YrCa | 4.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 490 | ALL | 502722 | 3634176 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 491 | ALL | 502772 | 3634176 | 4.55E-07 | 28.72YrCa | 4.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 492 | ALL | 502822 | 3634176 | 4.88E-07 | 28.72YrCa | 4.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 493 | ALL | 502872 | 3634176 | 5.26E-07 | 28.72YrCa | 5.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 494 | ALL | 502922 | 3634176 | 5.67E-07 | 28.72YrCa | 5.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 495 | ALL | 502972 | 3634176 | 6.16E-07 | 28.72YrCa | 6.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 496 | ALL | 503022 | 3634176 | 6.71E-07 | 28.72YrCa | 6.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 497 | ALL | 503072 | 3634176 | 7.35E-07 | 28.72YrCa | 7.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 498 | ALL | 503122 | 3634176 | 8.09E-07 | 28.72YrCa | 8.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 499 | ALL | 503172 | 3634176 | 8.95E-07 | 28.72YrCa | 8.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 500 | ALL | 503222 | 3634176 | 9.95E-07 | 28.72YrCa | 9.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 501 | ALL | 503272 | 3634176 | 1.12E-06 | 28.72YrCa | 1.12E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 502 | ALL | 503972 | 3634176 | 3.80E-06 | 28.72YrCa | 3.80E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 503 | ALL | 504022 | 3634176 | 3.27E-06 | 28.72YrCa | 3.27E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 504 | ALL | 504072 | 3634176 | 2.86E-06 | 28.72YrCa | 2.86E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 505 | ALL | 504122 | 3634176 | 2.52E-06 | 28.72YrCa | 2.52E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 506 | ALL | 504172 | 3634176 | 2.24E-06 | 28.72YrCa | 2.24E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 507 | ALL | 504222 | 3634176 | 2.07E-06 | 28.72YrCa | 2.07E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 508 | ALL | 504272 | 3634176 | 1.84E-06 | 28.72YrCa | 1.84E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 509 | ALL | 504322 | 3634176 | 1.62E-06 | 28.72YrCa | 1.62E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 510 | ALL | 504372 | 3634176 | 1.22E-06 | 28.72YrCa | 1.22E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 511 | ALL | 504422 | 3634176 | 9.16E-07 | 28.72YrCa | 9.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 512 | ALL | 504472 | 3634176 | 8.06E-07 | 28.72YrCa | 8.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 513 | ALL | 504522 | 3634176 | 7.06E-07 | 28.72YrCa | 7.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 514 | ALL | 504572 | 3634176 | 5.89E-07 | 28.72YrCa | 5.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 515 | ALL | 504622 | 3634176 | 5.11E-07 | 28.72YrCa | 5.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 516 | ALL | 504672 | 3634176 | 4.62E-07 | 28.72YrCa | 4.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 517 | ALL | 504722 | 3634176 | 4.12E-07 | 28.72YrCa | 4.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 518 | ALL | 502722 | 3634226 | 4.31E-07 | 28.72YrCa | 4.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 519 | ALL | 502772 | 3634226 | 4.62E-07 | 28.72YrCa | 4.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 520 | ALL | 502822 | 3634226 | 4.97E-07 | 28.72YrCa | 4.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 521 | ALL | 502872 | 3634226 | 5.37E-07 | 28.72YrCa | 5.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 522 | ALL | 502922 | 3634226 | 5.81E-07 | 28.72YrCa | 5.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 523 | ALL | 502972 | 3634226 | 6.31E-07 | 28.72YrCa | 6.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 524 | ALL | 503022 | 3634226 | 6.91E-07 | 28.72YrCa | 6.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 525 | ALL | 503072 | 3634226 | 7.59E-07 | 28.72YrCa | 7.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 526 | ALL | 503122 | 3634226 | 8.39E-07 | 28.72YrCa | 8.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 527 | ALL | 503172 | 3634226 | 9.33E-07 | 28.72YrCa | 9.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 528 | ALL | 503222 | 3634226 | 1.05E-06 | 28.72YrCa | 1.05E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 529 | ALL | 503272 | 3634226 | 1.18E-06 | 28.72YrCa | 1.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 530 | ALL | 504072 | 3634226 | 3.43E-06 | 28.72YrCa | 3.43E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 531 | ALL | 504122 | 3634226 | 2.90E-06 | 28.72YrCa | 2.90E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 532 | ALL | 504172 | 3634226 | 2.52E-06 | 28.72YrCa | 2.52E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 533 | ALL | 504222 | 3634226 | 2.18E-06 | 28.72YrCa | 2.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 534 | ALL | 504272 | 3634226 | 1.95E-06 | 28.72YrCa | 1.95E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 535 | ALL | 504322 | 3634226 | 1.68E-06 | 28.72YrCa | 1.68E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 536 | ALL | 504372 | 3634226 | 1.18E-06 | 28.72YrCa | 1.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 537 | ALL | 504422 | 3634226 | 8.80E-07 | 28.72YrCa | 8.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 538 | ALL | 504472 | 3634226 | 7.73E-07 | 28.72YrCa | 7.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 539 | ALL | 504522 | 3634226 | 6.75E-07 | 28.72YrCa | 6.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 540 | ALL | 504572 | 3634226 | 5.74E-07 | 28.72YrCa | 5.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 541 | ALL | 504622 | 3634226 | 4.95E-07 | 28.72YrCa | 4.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 542 | ALL | 504672 | 3634226 | 4.36E-07 | 28.72YrCa | 4.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 543 | ALL | 504722 | 3634226 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 544 | ALL | 502722 | 3634276 | 4.37E-07 | 28.72YrCa | 4.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 545 | ALL | 502772 | 3634276 | 4.69E-07 | 28.72YrCa | 4.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 546 | ALL | 502822 | 3634276 | 5.05E-07 | 28.72YrCa | 5.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 547 | ALL | 502872 | 3634276 | 5.48E-07 | 28.72YrCa | 5.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 548 | ALL | 502922 | 3634276 | 5.93E-07 | 28.72YrCa | 5.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 549 | ALL | 502972 | 3634276 | 6.46E-07 | 28.72YrCa | 6.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 550 | ALL | 503022 | 3634276 | 7.09E-07 | 28.72YrCa | 7.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 551 | ALL | 503072 | 3634276 | 7.82E-07 | 28.72YrCa | 7.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 552 | ALL | 503122 | 3634276 | 8.67E-07 | 28.72YrCa | 8.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 553 | ALL | 503172 | 3634276 | 9.70E-07 | 28.72YrCa | 9.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 554 | ALL | 503222 | 3634276 | 1.09E-06 | 28.72YrCa | 1.09E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 555 | ALL | 503272 | 3634276 | 1.25E-06 | 28.72YrCa | 1.25E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 556 | ALL | 504122 | 3634276 | 3.25E-06 | 28.72YrCa | 3.25E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 557 | ALL | 504172 | 3634276 | 2.69E-06 | 28.72YrCa | 2.69E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 558 | ALL | 504222 | 3634276 | 2.35E-06 | 28.72YrCa | 2.35E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 559 | ALL | 504272 | 3634276 | 2.00E-06 | 28.72YrCa | 2.00E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 560 | ALL | 504322 | 3634276 | 1.67E-06 | 28.72YrCa | 1.67E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 561 | ALL | 504372 | 3634276 | 1.25E-06 | 28.72YrCa | 1.25E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 562 | ALL | 504422 | 3634276 | 9.32E-07 | 28.72YrCa | 9.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 563 | ALL | 504472 | 3634276 | 7.68E-07 | 28.72YrCa | 7.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 564 | ALL | 504522 | 3634276 | 6.50E-07 | 28.72YrCa | 6.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 565 | ALL | 504572 | 3634276 | 5.51E-07 | 28.72YrCa | 5.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 566 | ALL | 504622 | 3634276 | 4.78E-07 | 28.72YrCa | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 567 | ALL | 504672 | 3634276 | 4.18E-07 | 28.72YrCa | 4.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 568 | ALL | 504722 | 3634276 | 3.75E-07 | 28.72YrCa | 3.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 569 | ALL | 502722 | 3634326 | 4.39E-07 | 28.72YrCa | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 570 | ALL | 502772 | 3634326 | 4.72E-07 | 28.72YrCa | 4.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 571 | ALL | 502822 | 3634326 | 5.09E-07 | 28.72YrCa | 5.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 572 | ALL | 502872 | 3634326 | 5.57E-07 | 28.72YrCa | 5.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 573 | ALL | 502972 | 3634326 | 6.59E-07 | 28.72YrCa | 6.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 574 | ALL | 503022 | 3634326 | 7.25E-07 | 28.72YrCa | 7.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 575 | ALL | 503072 | 3634326 | 8.02E-07 | 28.72YrCa | 8.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 576 | ALL | 503122 | 3634326 | 8.93E-07 | 28.72YrCa | 8.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 577 | ALL | 503172 | 3634326 | 1.00E-06 | 28.72YrCa | 1.00E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 578 | ALL | 503222 | 3634326 | 1.14E-06 | 28.72YrCa | 1.14E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 579 | ALL | 503272 | 3634326 | 1.30E-06 | 28.72YrCa | 1.30E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 580 | ALL | 504172 | 3634326 | 2.91E-06 | 28.72YrCa | 2.91E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 581 | ALL | 504222 | 3634326 | 2.37E-06 | 28.72YrCa | 2.37E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 582 | ALL | 504272 | 3634326 | 2.01E-06 | 28.72YrCa | 2.01E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 583 | ALL | 504322 | 3634326 | 1.69E-06 | 28.72YrCa | 1.69E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 584 | ALL | 504372 | 3634326 | 1.35E-06 | 28.72YrCa | 1.35E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 585 | ALL | 504422 | 3634326 | 9.76E-07 | 28.72YrCa | 9.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 586 | ALL | 504472 | 3634326 | 7.80E-07 | 28.72YrCa | 7.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 587 | ALL | 504522 | 3634326 | 6.37E-07 | 28.72YrCa | 6.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 588 | ALL | 504572 | 3634326 | 5.28E-07 | 28.72YrCa | 5.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 589 | ALL | 504622 | 3634326 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 590 | ALL | 504672 | 3634326 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 591 | ALL | 504722 | 3634326 | 3.58E-07 | 28.72YrCa | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 592 | ALL | 502722 | 3634376 | 4.41E-07 | 28.72YrCa | 4.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 593 | ALL | 502772 | 3634376 | 4.75E-07 | 28.72YrCa | 4.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 594 | ALL | 502822 | 3634376 | 5.13E-07 | 28.72YrCa | 5.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 595 | ALL | 503022 | 3634376 | 7.36E-07 | 28.72YrCa | 7.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 596 | ALL | 503072 | 3634376 | 8.18E-07 | 28.72YrCa | 8.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 597 | ALL | 503122 | 3634376 | 9.14E-07 | 28.72YrCa | 9.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 598 | ALL | 503172 | 3634376 | 1.03E-06 | 28.72YrCa | 1.03E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 599 | ALL | 503222 | 3634376 | 1.17E-06 | 28.72YrCa | 1.17E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 600 | ALL | 503272 | 3634376 | 1.35E-06 | 28.72YrCa | 1.35E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 601 | ALL | 504222 | 3634376 | 2.45E-06 | 28.72YrCa | 2.45E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 602 | ALL | 504272 | 3634376 | 2.03E-06 | 28.72YrCa | 2.03E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 603 | ALL | 504322 | 3634376 | 1.72E-06 | 28.72YrCa | 1.72E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 604 | ALL | 504372 | 3634376 | 1.30E-06 | 28.72YrCa | 1.30E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 605 | ALL | 504422 | 3634376 | 8.80E-07 | 28.72YrCa | 8.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 606 | ALL | 504472 | 3634376 | 6.95E-07 | 28.72YrCa | 6.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 607 | ALL | 504522 | 3634376 | 5.81E-07 | 28.72YrCa | 5.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 608 | ALL | 504572 | 3634376 | 4.99E-07 | 28.72YrCa | 4.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 609 | ALL | 504622 | 3634376 | 4.39E-07 | 28.72YrCa | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 610 | ALL | 504672 | 3634376 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 611 | ALL | 504722 | 3634376 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 612 | ALL | 502722 | 3634426 | 4.45E-07 | 28.72YrCa | 4.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 613 | ALL | 502772 | 3634426 | 4.79E-07 | 28.72YrCa | 4.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 614 | ALL | 502822 | 3634426 | 5.17E-07 | 28.72YrCa | 5.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 615 | ALL | 504272 | 3634426 | 2.00E-06 | 28.72YrCa | 2.00E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 616 | ALL | 504322 | 3634426 | 1.71E-06 | 28.72YrCa | 1.71E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 617 | ALL | 504372 | 3634426 | 1.34E-06 | 28.72YrCa | 1.34E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 618 | ALL | 504422 | 3634426 | 9.31E-07 | 28.72YrCa | 9.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 619 | ALL | 504472 | 3634426 | 7.13E-07 | 28.72YrCa | 7.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 620 | ALL | 504522 | 3634426 | 5.95E-07 | 28.72YrCa | 5.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 621 | ALL | 504572 | 3634426 | 5.28E-07 | 28.72YrCa | 5.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 622 | ALL | 504622 | 3634426 | 4.75E-07 | 28.72YrCa | 4.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 623 | ALL | 504672 | 3634426 | 4.23E-07 | 28.72YrCa | 4.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 624 | ALL | 504722 | 3634426 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 625 | ALL | 502722 | 3634476 | 4.49E-07 | 28.72YrCa | 4.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 626 | ALL | 502772 | 3634476 | 4.85E-07 | 28.72YrCa | 4.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 627 | ALL | 502822 | 3634476 | 5.24E-07 | 28.72YrCa | 5.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 628 | ALL | 504322 | 3634476 | 1.67E-06 | 28.72YrCa | 1.67E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 629 | ALL | 504372 | 3634476 | 1.43E-06 | 28.72YrCa | 1.43E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 630 | ALL | 504422 | 3634476 | 1.17E-06 | 28.72YrCa | 1.17E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 631 | ALL | 504472 | 3634476 | 8.60E-07 | 28.72YrCa | 8.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 632 | ALL | 504522 | 3634476 | 7.02E-07 | 28.72YrCa | 7.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 633 | ALL | 504572 | 3634476 | 6.17E-07 | 28.72YrCa | 6.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 634 | ALL | 504622 | 3634476 | 5.52E-07 | 28.72YrCa | 5.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 635 | ALL | 504672 | 3634476 | 4.71E-07 | 28.72YrCa | 4.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 636 | ALL | 504722 | 3634476 | 4.05E-07 | 28.72YrCa | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 637 | ALL | 502722 | 3634526 | 4.51E-07 | 28.72YrCa | 4.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 638 | ALL | 502772 | 3634526 | 4.85E-07 | 28.72YrCa | 4.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 639 | ALL | 504372 | 3634526 | 1.41E-06 | 28.72YrCa | 1.41E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 640 | ALL | 504422 | 3634526 | 1.22E-06 | 28.72YrCa | 1.22E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 641 | ALL | 504472 | 3634526 | 1.07E-06 | 28.72YrCa | 1.07E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 642 | ALL | 504522 | 3634526 | 9.17E-07 | 28.72YrCa | 9.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 643 | ALL | 504572 | 3634526 | 7.91E-07 | 28.72YrCa | 7.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 644 | ALL | 504622 | 3634526 | 6.70E-07 | 28.72YrCa | 6.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 645 | ALL | 504672 | 3634526 | 5.39E-07 | 28.72YrCa | 5.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 646 | ALL | 504722 | 3634526 | 4.52E-07 | 28.72YrCa | 4.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 647 | ALL | 502722 | 3634576 | 4.49E-07 | 28.72YrCa | 4.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 648 | ALL | 502772 | 3634576 | 4.83E-07 | 28.72YrCa | 4.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 649 | ALL | 504422 | 3634576 | 1.21E-06 | 28.72YrCa | 1.21E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 650 | ALL | 504472 | 3634576 | 1.06E-06 | 28.72YrCa | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 651 | ALL | 504522 | 3634576 | 9.45E-07 | 28.72YrCa | 9.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 652 | ALL | 504572 | 3634576 | 8.52E-07 | 28.72YrCa | 8.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 653 | ALL | 504622 | 3634576 | 7.45E-07 | 28.72YrCa | 7.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 654 | ALL | 504672 | 3634576 | 6.27E-07 | 28.72YrCa | 6.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 655 | ALL | 504722 | 3634576 | 5.28E-07 | 28.72YrCa | 5.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 656 | ALL | 502722 | 3634626 | 4.45E-07 | 28.72YrCa | 4.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 657 | ALL | 502772 | 3634626 | 4.78E-07 | 28.72YrCa | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 658 | ALL | 502822 | 3634626 | 5.17E-07 | 28.72YrCa | 5.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 659 | ALL | 502872 | 3634626 | 5.61E-07 | 28.72YrCa | 5.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 660 | ALL | 502922 | 3634626 | 6.10E-07 | 28.72YrCa | 6.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 661 | ALL | 502972 | 3634626 | 6.68E-07 | 28.72YrCa | 6.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 662 | ALL | 503022 | 3634626 | 7.35E-07 | 28.72YrCa | 7.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 663 | ALL | 503072 | 3634626 | 8.13E-07 | 28.72YrCa | 8.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 664 | ALL | 503122 | 3634626 | 9.06E-07 | 28.72YrCa | 9.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 665 | ALL | 504472 | 3634626 | 1.05E-06 | 28.72YrCa | 1.05E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 666 | ALL | 504522 | 3634626 | 9.24E-07 | 28.72YrCa | 9.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 667 | ALL | 504572 | 3634626 | 8.33E-07 | 28.72YrCa | 8.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 668 | ALL | 504622 | 3634626 | 7.60E-07 | 28.72YrCa | 7.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 669 | ALL | 504672 | 3634626 | 6.94E-07 | 28.72YrCa | 6.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 670 | ALL | 504722 | 3634626 | 6.14E-07 | 28.72YrCa | 6.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 671 | ALL | 502722 | 3634676 | 4.39E-07 | 28.72YrCa | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 672 | ALL | 502772 | 3634676 | 4.72E-07 | 28.72YrCa | 4.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 673 | ALL | 502822 | 3634676 | 5.09E-07 | 28.72YrCa | 5.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 674 | ALL | 502872 | 3634676 | 5.51E-07 | 28.72YrCa | 5.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 675 | ALL | 502922 | 3634676 | 5.99E-07 | 28.72YrCa | 5.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 676 | ALL | 502972 | 3634676 | 6.54E-07 | 28.72YrCa | 6.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 677 | ALL | 503022 | 3634676 | 7.16E-07 | 28.72YrCa | 7.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 678 | ALL | 503072 | 3634676 | 7.90E-07 | 28.72YrCa | 7.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 679 | ALL | 503122 | 3634676 | 8.77E-07 | 28.72YrCa | 8.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 680 | ALL | 503172 | 3634676 | 9.80E-07 | 28.72YrCa | 9.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 681 | ALL | 503222 | 3634676 | 1.10E-06 | 28.72YrCa | 1.10E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 682 | ALL | 503272 | 3634676 | 1.25E-06 | 28.72YrCa | 1.25E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 683 | ALL | 503322 | 3634676 | 1.44E-06 | 28.72YrCa | 1.44E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 684 | ALL | 503372 | 3634676 | 1.67E-06 | 28.72YrCa | 1.67E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 685 | ALL | 503422 | 3634676 | 1.97E-06 | 28.72YrCa | 1.97E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 686 | ALL | 503472 | 3634676 | 2.36E-06 | 28.72YrCa | 2.36E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 687 | ALL | 503522 | 3634676 | 2.88E-06 | 28.72YrCa | 2.88E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 688 | ALL | 504522 | 3634676 | 9.17E-07 | 28.72YrCa | 9.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 689 | ALL | 504572 | 3634676 | 8.16E-07 | 28.72YrCa | 8.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 690 | ALL | 504622 | 3634676 | 7.41E-07 | 28.72YrCa | 7.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 691 | ALL | 504672 | 3634676 | 6.75E-07 | 28.72YrCa | 6.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 692 | ALL | 504722 | 3634676 | 6.23E-07 | 28.72YrCa | 6.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 693 | ALL | 502722 | 3634726 | 4.32E-07 | 28.72YrCa | 4.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 694 | ALL | 502772 | 3634726 | 4.63E-07 | 28.72YrCa | 4.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 695 | ALL | 502822 | 3634726 | 4.99E-07 | 28.72YrCa | 4.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 696 | ALL | 502872 | 3634726 | 5.39E-07 | 28.72YrCa | 5.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 697 | ALL | 502922 | 3634726 | 5.84E-07 | 28.72YrCa | 5.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 698 | ALL | 502972 | 3634726 | 6.35E-07 | 28.72YrCa | 6.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 699 | ALL | 503022 | 3634726 | 6.94E-07 | 28.72YrCa | 6.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 700 | ALL | 503072 | 3634726 | 7.62E-07 | 28.72YrCa | 7.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 701 | ALL | 503122 | 3634726 | 8.41E-07 | 28.72YrCa | 8.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 702 | ALL | 503172 | 3634726 | 9.35E-07 | 28.72YrCa | 9.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 703 | ALL | 503222 | 3634726 | 1.05E-06 | 28.72YrCa | 1.05E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 704 | ALL | 503272 | 3634726 | 1.18E-06 | 28.72YrCa | 1.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 705 | ALL | 503322 | 3634726 | 1.34E-06 | 28.72YrCa | 1.34E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 706 | ALL | 503372 | 3634726 | 1.54E-06 | 28.72YrCa | 1.54E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 707 | ALL | 503422 | 3634726 | 1.79E-06 | 28.72YrCa | 1.79E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 708 | ALL | 503472 | 3634726 | 2.09E-06 | 28.72YrCa | 2.09E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 709 | ALL | 503522 | 3634726 | 2.48E-06 | 28.72YrCa | 2.48E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 710 | ALL | 503572 | 3634726 | 2.98E-06 | 28.72YrCa | 2.98E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 711 | ALL | 503622 | 3634726 | 3.56E-06 | 28.72YrCa | 3.56E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 712 | ALL | 504572 | 3634726 | 8.11E-07 | 28.72YrCa | 8.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 713 | ALL | 504622 | 3634726 | 7.24E-07 | 28.72YrCa | 7.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 714 | ALL | 504672 | 3634726 | 6.61E-07 | 28.72YrCa | 6.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 715 | ALL | 504722 | 3634726 | 6.07E-07 | 28.72YrCa | 6.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 716 | ALL | 502722 | 3634776 | 4.23E-07 | 28.72YrCa | 4.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 717 | ALL | 502772 | 3634776 | 4.53E-07 | 28.72YrCa | 4.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 718 | ALL | 502822 | 3634776 | 4.86E-07 | 28.72YrCa | 4.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 719 | ALL | 502872 | 3634776 | 5.24E-07 | 28.72YrCa | 5.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 720 | ALL | 502922 | 3634776 | 5.66E-07 | 28.72YrCa | 5.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 721 | ALL | 502972 | 3634776 | 6.13E-07 | 28.72YrCa | 6.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 722 | ALL | 503022 | 3634776 | 6.68E-07 | 28.72YrCa | 6.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 723 | ALL | 503072 | 3634776 | 7.30E-07 | 28.72YrCa | 7.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 724 | ALL | 503122 | 3634776 | 8.02E-07 | 28.72YrCa | 8.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 725 | ALL | 503172 | 3634776 | 8.87E-07 | 28.72YrCa | 8.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 726 | ALL | 503222 | 3634776 | 9.85E-07 | 28.72YrCa | 9.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 727 | ALL | 503272 | 3634776 | 1.10E-06 | 28.72YrCa | 1.10E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 728 | ALL | 503322 | 3634776 | 1.24E-06 | 28.72YrCa | 1.24E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 729 | ALL | 503372 | 3634776 | 1.41E-06 | 28.72YrCa | 1.41E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 730 | ALL | 503422 | 3634776 | 1.61E-06 | 28.72YrCa | 1.61E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 731 | ALL | 503472 | 3634776 | 1.85E-06 | 28.72YrCa | 1.85E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 732 | ALL | 503522 | 3634776 | 2.13E-06 | 28.72YrCa | 2.13E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 733 | ALL | 503572 | 3634776 | 2.47E-06 | 28.72YrCa | 2.47E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 734 | ALL | 503622 | 3634776 | 2.83E-06 | 28.72YrCa | 2.83E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 735 | ALL | 503672 | 3634776 | 3.19E-06 | 28.72YrCa | 3.19E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 736 | ALL | 503722 | 3634776 | 3.50E-06 | 28.72YrCa | 3.50E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 737 | ALL | 503772 | 3634776 | 3.69E-06 | 28.72YrCa | 3.69E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 738 | ALL | 503822 | 3634776 | 3.70E-06 | 28.72YrCa | 3.70E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 739 | ALL | 504622 | 3634776 | 7.21E-07 | 28.72YrCa | 7.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 740 | ALL | 504672 | 3634776 | 6.47E-07 | 28.72YrCa | 6.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 741 | ALL | 504722 | 3634776 | 5.96E-07 | 28.72YrCa | 5.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 742 | ALL | 502722 | 3634826 | 4.13E-07 | 28.72YrCa | 4.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 743 | ALL | 502772 | 3634826 | 4.41E-07 | 28.72YrCa | 4.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 744 | ALL | 502822 | 3634826 | 4.72E-07 | 28.72YrCa | 4.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 745 | ALL | 502872 | 3634826 | 5.07E-07 | 28.72YrCa | 5.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 746 | ALL | 502922 | 3634826 | 5.46E-07 | 28.72YrCa | 5.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 747 | ALL | 502972 | 3634826 | 5.90E-07 | 28.72YrCa | 5.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 748 | ALL | 503022 | 3634826 | 6.40E-07 | 28.72YrCa | 6.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 749 | ALL | 503072 | 3634826 | 6.96E-07 | 28.72YrCa | 6.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 750 | ALL | 503122 | 3634826 | 7.62E-07 | 28.72YrCa | 7.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 751 | ALL | 503172 | 3634826 | 8.36E-07 | 28.72YrCa | 8.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 752 | ALL | 503222 | 3634826 | 9.23E-07 | 28.72YrCa | 9.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 753 | ALL | 503272 | 3634826 | 1.02E-06 | 28.72YrCa | 1.02E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 754 | ALL | 503322 | 3634826 | 1.14E-06 | 28.72YrCa | 1.14E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 755 | ALL | 503372 | 3634826 | 1.28E-06 | 28.72YrCa | 1.28E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 756 | ALL | 503422 | 3634826 | 1.44E-06 | 28.72YrCa | 1.44E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 757 | ALL | 503472 | 3634826 | 1.63E-06 | 28.72YrCa | 1.63E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 758 | ALL | 503522 | 3634826 | 1.83E-06 | 28.72YrCa | 1.83E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 759 | ALL | 503572 | 3634826 | 2.06E-06 | 28.72YrCa | 2.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 760 | ALL | 503622 | 3634826 | 2.29E-06 | 28.72YrCa | 2.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 761 | ALL | 503672 | 3634826 | 2.51E-06 | 28.72YrCa | 2.51E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 762 | ALL | 503722 | 3634826 | 2.68E-06 | 28.72YrCa | 2.68E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 763 | ALL | 503772 | 3634826 | 2.78E-06 | 28.72YrCa | 2.78E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 764 | ALL | 503822 | 3634826 | 2.79E-06 | 28.72YrCa | 2.79E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 765 | ALL | 503872 | 3634826 | 2.71E-06 | 28.72YrCa | 2.71E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 766 | ALL | 503922 | 3634826 | 2.57E-06 | 28.72YrCa | 2.57E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 767 | ALL | 504672 | 3634826 | 6.44E-07 | 28.72YrCa | 6.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 768 | ALL | 504722 | 3634826 | 5.83E-07 | 28.72YrCa | 5.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 769 | ALL | 502722 | 3634876 | 4.01E-07 | 28.72YrCa | 4.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 770 | ALL | 502772 | 3634876 | 4.27E-07 | 28.72YrCa | 4.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 771 | ALL | 502822 | 3634876 | 4.57E-07 | 28.72YrCa | 4.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 772 | ALL | 502872 | 3634876 | 4.89E-07 | 28.72YrCa | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 773 | ALL | 502922 | 3634876 | 5.25E-07 | 28.72YrCa | 5.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 774 | ALL | 502972 | 3634876 | 5.65E-07 | 28.72YrCa | 5.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 775 | ALL | 503022 | 3634876 | 6.11E-07 | 28.72YrCa | 6.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 776 | ALL | 503072 | 3634876 | 6.63E-07 | 28.72YrCa | 6.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 777 | ALL | 503122 | 3634876 | 7.21E-07 | 28.72YrCa | 7.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 778 | ALL | 503172 | 3634876 | 7.87E-07 | 28.72YrCa | 7.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 779 | ALL | 503222 | 3634876 | 8.64E-07 | 28.72YrCa | 8.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 780 | ALL | 503272 | 3634876 | 9.52E-07 | 28.72YrCa | 9.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 781 | ALL | 503322 | 3634876 | 1.05E-06 | 28.72YrCa | 1.05E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 782 | ALL | 503372 | 3634876 | 1.17E-06 | 28.72YrCa | 1.17E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 783 | ALL | 503422 | 3634876 | 1.29E-06 | 28.72YrCa | 1.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 784 | ALL | 503472 | 3634876 | 1.43E-06 | 28.72YrCa | 1.43E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 785 | ALL | 503522 | 3634876 | 1.58E-06 | 28.72YrCa | 1.58E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 786 | ALL | 503572 | 3634876 | 1.74E-06 | 28.72YrCa | 1.74E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 787 | ALL | 503622 | 3634876 | 1.89E-06 | 28.72YrCa | 1.89E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 788 | ALL | 503672 | 3634876 | 2.03E-06 | 28.72YrCa | 2.03E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 789 | ALL | 503722 | 3634876 | 2.13E-06 | 28.72YrCa | 2.13E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 790 | ALL | 503772 | 3634876 | 2.19E-06 | 28.72YrCa | 2.19E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 791 | ALL | 503822 | 3634876 | 2.20E-06 | 28.72YrCa | 2.20E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 792 | ALL | 503872 | 3634876 | 2.18E-06 | 28.72YrCa | 2.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 793 | ALL | 503922 | 3634876 | 2.16E-06 | 28.72YrCa | 2.16E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 794 | ALL | 504722 | 3634876 | 5.78E-07 | 28.72YrCa | 5.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 795 | ALL | 502722 | 3634926 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 796 | ALL | 502772 | 3634926 | 4.14E-07 | 28.72YrCa | 4.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 797 | ALL | 502822 | 3634926 | 4.41E-07 | 28.72YrCa | 4.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 798 | ALL | 502872 | 3634926 | 4.70E-07 | 28.72YrCa | 4.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 799 | ALL | 502922 | 3634926 | 5.04E-07 | 28.72YrCa | 5.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 800 | ALL | 502972 | 3634926 | 5.41E-07 | 28.72YrCa | 5.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 801 | ALL | 503022 | 3634926 | 5.83E-07 | 28.72YrCa | 5.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 802 | ALL | 503072 | 3634926 | 6.29E-07 | 28.72YrCa | 6.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 803 | ALL | 503122 | 3634926 | 6.82E-07 | 28.72YrCa | 6.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 804 | ALL | 503172 | 3634926 | 7.41E-07 | 28.72YrCa | 7.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 805 | ALL | 503222 | 3634926 | 8.07E-07 | 28.72YrCa | 8.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 806 | ALL | 503272 | 3634926 | 8.82E-07 | 28.72YrCa | 8.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 807 | ALL | 503322 | 3634926 | 9.66E-07 | 28.72YrCa | 9.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 808 | ALL | 503372 | 3634926 | 1.06E-06 | 28.72YrCa | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 809 | ALL | 503422 | 3634926 | 1.16E-06 | 28.72YrCa | 1.16E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 810 | ALL | 503472 | 3634926 | 1.27E-06 | 28.72YrCa | 1.27E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 811 | ALL | 503522 | 3634926 | 1.38E-06 | 28.72YrCa | 1.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 812 | ALL | 503572 | 3634926 | 1.49E-06 | 28.72YrCa | 1.49E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 813 | ALL | 503622 | 3634926 | 1.59E-06 | 28.72YrCa | 1.59E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 814 | ALL | 503672 | 3634926 | 1.68E-06 | 28.72YrCa | 1.68E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 815 | ALL | 503722 | 3634926 | 1.73E-06 | 28.72YrCa | 1.73E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 816 | ALL | 503772 | 3634926 | 1.78E-06 | 28.72YrCa | 1.78E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 817 | ALL | 503822 | 3634926 | 1.82E-06 | 28.72YrCa | 1.82E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 818 | ALL | 503872 | 3634926 | 1.86E-06 | 28.72YrCa | 1.86E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 819 | ALL | 502722 | 3634976 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 820 | ALL | 502772 | 3634976 | 3.99E-07 | 28.72YrCa | 3.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 821 | ALL | 502822 | 3634976 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 822 | ALL | 502872 | 3634976 | 4.52E-07 | 28.72YrCa | 4.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 823 | ALL | 502922 | 3634976 | 4.83E-07 | 28.72YrCa | 4.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 824 | ALL | 502972 | 3634976 | 5.17E-07 | 28.72YrCa | 5.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 825 | ALL | 503022 | 3634976 | 5.55E-07 | 28.72YrCa | 5.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 826 | ALL | 503072 | 3634976 | 5.97E-07 | 28.72YrCa | 5.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 827 | ALL | 503122 | 3634976 | 6.44E-07 | 28.72YrCa | 6.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 828 | ALL | 503172 | 3634976 | 6.95E-07 | 28.72YrCa | 6.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 829 | ALL | 503222 | 3634976 | 7.53E-07 | 28.72YrCa | 7.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 830 | ALL | 503272 | 3634976 | 8.18E-07 | 28.72YrCa | 8.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 831 | ALL | 503322 | 3634976 | 8.88E-07 | 28.72YrCa | 8.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 832 | ALL | 503372 | 3634976 | 9.63E-07 | 28.72YrCa | 9.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 833 | ALL | 503422 | 3634976 | 1.04E-06 | 28.72YrCa | 1.04E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 834 | ALL | 503472 | 3634976 | 1.12E-06 | 28.72YrCa | 1.12E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 835 | ALL | 503522 | 3634976 | 1.21E-06 | 28.72YrCa | 1.21E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 836 | ALL | 503572 | 3634976 | 1.29E-06 | 28.72YrCa | 1.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 837 | ALL | 503622 | 3634976 | 1.36E-06 | 28.72YrCa | 1.36E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 838 | ALL | 503672 | 3634976 | 1.43E-06 | 28.72YrCa | 1.43E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 839 | ALL | 503722 | 3634976 | 1.45E-06 | 28.72YrCa | 1.45E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 840 | ALL | 503772 | 3634976 | 1.51E-06 | 28.72YrCa | 1.51E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 841 | ALL | 503822 | 3634976 | 1.55E-06 | 28.72YrCa | 1.55E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 842 | ALL | 503872 | 3634976 | 1.51E-06 | 28.72YrCa | 1.51E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 843 | ALL | 502722 | 3635026 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 844 | ALL | 502772 | 3635026 | 3.86E-07 | 28.72YrCa | 3.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 845 | ALL | 502822 | 3635026 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 846 | ALL | 502872 | 3635026 | 4.35E-07 | 28.72YrCa | 4.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 847 | ALL | 502922 | 3635026 | 4.63E-07 | 28.72YrCa | 4.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 848 | ALL | 502972 | 3635026 | 4.94E-07 | 28.72YrCa | 4.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 849 | ALL | 503022 | 3635026 | 5.28E-07 | 28.72YrCa | 5.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 850 | ALL | 503072 | 3635026 | 5.66E-07 | 28.72YrCa | 5.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 851 | ALL | 503122 | 3635026 | 6.07E-07 | 28.72YrCa | 6.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 852 | ALL | 503172 | 3635026 | 6.53E-07 | 28.72YrCa | 6.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 853 | ALL | 503222 | 3635026 | 7.03E-07 | 28.72YrCa | 7.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 854 | ALL | 503272 | 3635026 | 7.57E-07 | 28.72YrCa | 7.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 855 | ALL | 503322 | 3635026 | 8.15E-07 | 28.72YrCa | 8.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 856 | ALL | 503372 | 3635026 | 8.76E-07 | 28.72YrCa | 8.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 857 | ALL | 503422 | 3635026 | 9.39E-07 | 28.72YrCa | 9.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 858 | ALL | 503472 | 3635026 | 1.00E-06 | 28.72YrCa | 1.00E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 859 | ALL | 503522 | 3635026 | 1.07E-06 | 28.72YrCa | 1.07E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 860 | ALL | 503572 | 3635026 | 1.13E-06 | 28.72YrCa | 1.13E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 861 | ALL | 503622 | 3635026 | 1.18E-06 | 28.72YrCa | 1.18E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 862 | ALL | 503672 | 3635026 | 1.22E-06 | 28.72YrCa | 1.22E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 863 | ALL | 503722 | 3635026 | 1.26E-06 | 28.72YrCa | 1.26E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 864 | ALL | 503772 | 3635026 | 1.29E-06 | 28.72YrCa | 1.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 865 | ALL | 503822 | 3635026 | 1.32E-06 | 28.72YrCa | 1.32E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 866 | ALL | 504372 | 3635026 | 7.57E-07 | 28.72YrCa | 7.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 867 | ALL | 502722 | 3635076 | 3.52E-07 | 28.72YrCa | 3.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 868 | ALL | 502772 | 3635076 | 3.72E-07 | 28.72YrCa | 3.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 869 | ALL | 502822 | 3635076 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 870 | ALL | 502872 | 3635076 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 871 | ALL | 502922 | 3635076 | 4.43E-07 | 28.72YrCa | 4.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 872 | ALL | 502972 | 3635076 | 4.71E-07 | 28.72YrCa | 4.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 873 | ALL | 503022 | 3635076 | 5.02E-07 | 28.72YrCa | 5.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 874 | ALL | 503072 | 3635076 | 5.36E-07 | 28.72YrCa | 5.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 875 | ALL | 503122 | 3635076 | 5.73E-07 | 28.72YrCa | 5.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 876 | ALL | 503172 | 3635076 | 6.13E-07 | 28.72YrCa | 6.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 877 | ALL | 503222 | 3635076 | 6.56E-07 | 28.72YrCa | 6.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 878 | ALL | 503272 | 3635076 | 7.01E-07 | 28.72YrCa | 7.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 879 | ALL | 503322 | 3635076 | 7.49E-07 | 28.72YrCa | 7.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 880 | ALL | 503372 | 3635076 | 7.99E-07 | 28.72YrCa | 7.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 881 | ALL | 503422 | 3635076 | 8.49E-07 | 28.72YrCa | 8.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 882 | ALL | 503472 | 3635076 | 8.99E-07 | 28.72YrCa | 8.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 883 | ALL | 503522 | 3635076 | 9.48E-07 | 28.72YrCa | 9.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 884 | ALL | 503572 | 3635076 | 9.93E-07 | 28.72YrCa | 9.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 885 | ALL | 503622 | 3635076 | 1.03E-06 | 28.72YrCa | 1.03E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 886 | ALL | 503672 | 3635076 | 1.06E-06 | 28.72YrCa | 1.06E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 887 | ALL | 503722 | 3635076 | 1.09E-06 | 28.72YrCa | 1.09E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 888 | ALL | 503772 | 3635076 | 1.13E-06 | 28.72YrCa | 1.13E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 889 | ALL | 503822 | 3635076 | 1.12E-06 | 28.72YrCa | 1.12E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 890 | ALL | 504372 | 3635076 | 7.02E-07 | 28.72YrCa | 7.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 891 | ALL | 504422 | 3635076 | 6.60E-07 | 28.72YrCa | 6.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 892 | ALL | 504472 | 3635076 | 6.21E-07 | 28.72YrCa | 6.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 893 | ALL | 504522 | 3635076 | 5.88E-07 | 28.72YrCa | 5.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 894 | ALL | 502722 | 3635126 | 3.40E-07 | 28.72YrCa | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 895 | ALL | 502772 | 3635126 | 3.59E-07 | 28.72YrCa | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 896 | ALL | 502822 | 3635126 | 3.78E-07 | 28.72YrCa | 3.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 897 | ALL | 502872 | 3635126 | 4.00E-07 | 28.72YrCa | 4.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 898 | ALL | 502922 | 3635126 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 899 | ALL | 502972 | 3635126 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 900 | ALL | 503022 | 3635126 | 4.78E-07 | 28.72YrCa | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 901 | ALL | 503072 | 3635126 | 5.08E-07 | 28.72YrCa | 5.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 902 | ALL | 503122 | 3635126 | 5.40E-07 | 28.72YrCa | 5.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 903 | ALL | 503172 | 3635126 | 5.75E-07 | 28.72YrCa | 5.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 904 | ALL | 503222 | 3635126 | 6.11E-07 | 28.72YrCa | 6.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 905 | ALL | 503272 | 3635126 | 6.49E-07 | 28.72YrCa | 6.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 906 | ALL | 503322 | 3635126 | 6.89E-07 | 28.72YrCa | 6.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 907 | ALL | 503372 | 3635126 | 7.29E-07 | 28.72YrCa | 7.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 908 | ALL | 503422 | 3635126 | 7.71E-07 | 28.72YrCa | 7.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 909 | ALL | 503472 | 3635126 | 8.10E-07 | 28.72YrCa | 8.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 910 | ALL | 503522 | 3635126 | 8.48E-07 | 28.72YrCa | 8.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 911 | ALL | 503572 | 3635126 | 8.74E-07 | 28.72YrCa | 8.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 912 | ALL | 503622 | 3635126 | 9.08E-07 | 28.72YrCa | 9.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 913 | ALL | 503672 | 3635126 | 9.31E-07 | 28.72YrCa | 9.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 914 | ALL | 503722 | 3635126 | 9.72E-07 | 28.72YrCa | 9.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 915 | ALL | 503772 | 3635126 | 9.95E-07 | 28.72YrCa | 9.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 916 | ALL | 503822 | 3635126 | 9.89E-07 | 28.72YrCa | 9.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 917 | ALL | 504372 | 3635126 | 6.53E-07 | 28.72YrCa | 6.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 918 | ALL | 504422 | 3635126 | 6.16E-07 | 28.72YrCa | 6.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 919 | ALL | 504472 | 3635126 | 5.82E-07 | 28.72YrCa | 5.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 920 | ALL | 504522 | 3635126 | 5.52E-07 | 28.72YrCa | 5.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 921 | ALL | 504572 | 3635126 | 5.25E-07 | 28.72YrCa | 5.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 922 | ALL | 502722 | 3635176 | 3.29E-07 | 28.72YrCa | 3.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 923 | ALL | 502772 | 3635176 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 924 | ALL | 502822 | 3635176 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 925 | ALL | 502872 | 3635176 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 926 | ALL | 502922 | 3635176 | 4.06E-07 | 28.72YrCa | 4.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 927 | ALL | 502972 | 3635176 | 4.29E-07 | 28.72YrCa | 4.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 928 | ALL | 503022 | 3635176 | 4.54E-07 | 28.72YrCa | 4.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 929 | ALL | 503072 | 3635176 | 4.80E-07 | 28.72YrCa | 4.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 930 | ALL | 503122 | 3635176 | 5.09E-07 | 28.72YrCa | 5.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 931 | ALL | 503172 | 3635176 | 5.39E-07 | 28.72YrCa | 5.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 932 | ALL | 503222 | 3635176 | 5.70E-07 | 28.72YrCa | 5.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 933 | ALL | 503272 | 3635176 | 6.02E-07 | 28.72YrCa | 6.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 934 | ALL | 503322 | 3635176 | 6.35E-07 | 28.72YrCa | 6.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 935 | ALL | 503372 | 3635176 | 6.68E-07 | 28.72YrCa | 6.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 936 | ALL | 503422 | 3635176 | 7.02E-07 | 28.72YrCa | 7.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 937 | ALL | 503472 | 3635176 | 7.33E-07 | 28.72YrCa | 7.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 938 | ALL | 503522 | 3635176 | 7.63E-07 | 28.72YrCa | 7.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 939 | ALL | 503572 | 3635176 | 7.83E-07 | 28.72YrCa | 7.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 940 | ALL | 503622 | 3635176 | 8.08E-07 | 28.72YrCa | 8.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 941 | ALL | 503672 | 3635176 | 8.34E-07 | 28.72YrCa | 8.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 942 | ALL | 503722 | 3635176 | 8.70E-07 | 28.72YrCa | 8.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 943 | ALL | 503772 | 3635176 | 8.71E-07 | 28.72YrCa | 8.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 944 | ALL | 503822 | 3635176 | 8.30E-07 | 28.72YrCa | 8.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 945 | ALL | 504372 | 3635176 | 6.07E-07 | 28.72YrCa | 6.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 946 | ALL | 504422 | 3635176 | 5.76E-07 | 28.72YrCa | 5.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 947 | ALL | 504472 | 3635176 | 5.47E-07 | 28.72YrCa | 5.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 948 | ALL | 504522 | 3635176 | 5.20E-07 | 28.72YrCa | 5.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 949 | ALL | 504572 | 3635176 | 4.95E-07 | 28.72YrCa | 4.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 950 | ALL | 504622 | 3635176 | 4.74E-07 | 28.72YrCa | 4.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 951 | ALL | 502722 | 3635226 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 952 | ALL | 502772 | 3635226 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 953 | ALL | 502822 | 3635226 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 954 | ALL | 502872 | 3635226 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 955 | ALL | 502922 | 3635226 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 956 | ALL | 502972 | 3635226 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 957 | ALL | 503022 | 3635226 | 4.31E-07 | 28.72YrCa | 4.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 958 | ALL | 503072 | 3635226 | 4.55E-07 | 28.72YrCa | 4.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 959 | ALL | 503122 | 3635226 | 4.80E-07 | 28.72YrCa | 4.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 960 | ALL | 503172 | 3635226 | 5.06E-07 | 28.72YrCa | 5.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 961 | ALL | 503222 | 3635226 | 5.32E-07 | 28.72YrCa | 5.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 962 | ALL | 503272 | 3635226 | 5.60E-07 | 28.72YrCa | 5.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 963 | ALL | 503322 | 3635226 | 5.88E-07 | 28.72YrCa | 5.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 964 | ALL | 503372 | 3635226 | 6.15E-07 | 28.72YrCa | 6.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 965 | ALL | 503422 | 3635226 | 6.42E-07 | 28.72YrCa | 6.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 966 | ALL | 503472 | 3635226 | 6.68E-07 | 28.72YrCa | 6.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 967 | ALL | 503522 | 3635226 | 6.91E-07 | 28.72YrCa | 6.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 968 | ALL | 503572 | 3635226 | 7.05E-07 | 28.72YrCa | 7.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 969 | ALL | 503622 | 3635226 | 7.31E-07 | 28.72YrCa | 7.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 970 | ALL | 503672 | 3635226 | 7.60E-07 | 28.72YrCa | 7.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 971 | ALL | 504372 | 3635226 | 5.65E-07 | 28.72YrCa | 5.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 972 | ALL | 504422 | 3635226 | 5.39E-07 | 28.72YrCa | 5.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 973 | ALL | 504472 | 3635226 | 5.14E-07 | 28.72YrCa | 5.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 974 | ALL | 504522 | 3635226 | 4.90E-07 | 28.72YrCa | 4.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 975 | ALL | 504572 | 3635226 | 4.67E-07 | 28.72YrCa | 4.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 976 | ALL | 504622 | 3635226 | 4.47E-07 | 28.72YrCa | 4.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 977 | ALL | 502722 | 3635276 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 978 | ALL | 502772 | 3635276 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 979 | ALL | 502822 | 3635276 | 3.36E-07 | 28.72YrCa | 3.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 980 | ALL | 502872 | 3635276 | 3.53E-07 | 28.72YrCa | 3.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 981 | ALL | 502922 | 3635276 | 3.70E-07 | 28.72YrCa | 3.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 982 | ALL | 502972 | 3635276 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 983 | ALL | 503022 | 3635276 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 984 | ALL | 503072 | 3635276 | 4.29E-07 | 28.72YrCa | 4.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 985 | ALL | 503122 | 3635276 | 4.51E-07 | 28.72YrCa | 4.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 986 | ALL | 503172 | 3635276 | 4.73E-07 | 28.72YrCa | 4.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 987 | ALL | 503222 | 3635276 | 4.97E-07 | 28.72YrCa | 4.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 988 | ALL | 503272 | 3635276 | 5.21E-07 | 28.72YrCa | 5.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 989 | ALL | 503322 | 3635276 | 5.44E-07 | 28.72YrCa | 5.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 990 | ALL | 503372 | 3635276 | 5.67E-07 | 28.72YrCa | 5.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 991 | ALL | 503422 | 3635276 | 5.89E-07 | 28.72YrCa | 5.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 992 | ALL | 503472 | 3635276 | 6.10E-07 | 28.72YrCa | 6.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 993 | ALL | 503522 | 3635276 | 6.31E-07 | 28.72YrCa | 6.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 994 | ALL | 503572 | 3635276 | 6.43E-07 | 28.72YrCa | 6.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 995 | ALL | 503622 | 3635276 | 6.60E-07 | 28.72YrCa | 6.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 996 | ALL | 504372 | 3635276 | 5.26E-07 | 28.72YrCa | 5.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 997 | ALL | 504422 | 3635276 | 5.08E-07 | 28.72YrCa | 5.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 998 | ALL | 504472 | 3635276 | 4.83E-07 | 28.72YrCa | 4.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 999 | ALL | 504522 | 3635276 | 4.62E-07 | 28.72YrCa | 4.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1000 | ALL | 504572 | 3635276 | 4.42E-07 | 28.72YrCa | 4.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1001 | ALL | 504622 | 3635276 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1002 | ALL | 504672 | 3635276 | 4.07E-07 | 28.72YrCa | 4.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1003 | ALL | 502722 | 3635326 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1004 | ALL | 502772 | 3635326 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1005 | ALL | 502822 | 3635326 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1006 | ALL | 502872 | 3635326 | 3.38E-07 | 28.72YrCa | 3.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1007 | ALL | 502922 | 3635326 | 3.54E-07 | 28.72YrCa | 3.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1008 | ALL | 502972 | 3635326 | 3.71E-07 | 28.72YrCa | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1009 | ALL | 503022 | 3635326 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1010 | ALL | 503072 | 3635326 | 4.06E-07 | 28.72YrCa | 4.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1011 | ALL | 503122 | 3635326 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1012 | ALL | 503172 | 3635326 | 4.45E-07 | 28.72YrCa | 4.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1013 | ALL | 503222 | 3635326 | 4.65E-07 | 28.72YrCa | 4.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1014 | ALL | 503272 | 3635326 | 4.85E-07 | 28.72YrCa | 4.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1015 | ALL | 503322 | 3635326 | 5.05E-07 | 28.72YrCa | 5.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1016 | ALL | 503372 | 3635326 | 5.24E-07 | 28.72YrCa | 5.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1017 | ALL | 503422 | 3635326 | 5.42E-07 | 28.72YrCa | 5.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1018 | ALL | 503472 | 3635326 | 5.60E-07 | 28.72YrCa | 5.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1019 | ALL | 503522 | 3635326 | 5.77E-07 | 28.72YrCa | 5.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1020 | ALL | 503572 | 3635326 | 5.91E-07 | 28.72YrCa | 5.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1021 | ALL | 503622 | 3635326 | 6.00E-07 | 28.72YrCa | 6.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1022 | ALL | 504372 | 3635326 | 4.98E-07 | 28.72YrCa | 4.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1023 | ALL | 504422 | 3635326 | 4.76E-07 | 28.72YrCa | 4.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1024 | ALL | 504472 | 3635326 | 4.54E-07 | 28.72YrCa | 4.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1025 | ALL | 504522 | 3635326 | 4.36E-07 | 28.72YrCa | 4.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1026 | ALL | 504572 | 3635326 | 4.19E-07 | 28.72YrCa | 4.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1027 | ALL | 504622 | 3635326 | 4.03E-07 | 28.72YrCa | 4.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1028 | ALL | 504672 | 3635326 | 3.87E-07 | 28.72YrCa | 3.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1029 | ALL | 504722 | 3635326 | 3.72E-07 | 28.72YrCa | 3.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1030 | ALL | 502722 | 3635376 | 2.83E-07 | 28.72YrCa | 2.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1031 | ALL | 502772 | 3635376 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1032 | ALL | 502822 | 3635376 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1033 | ALL | 502872 | 3635376 | 3.15E-07 | 28.72YrCa | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1034 | ALL | 502922 | 3635376 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1035 | ALL | 502972 | 3635376 | 3.51E-07 | 28.72YrCa | 3.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1036 | ALL | 503022 | 3635376 | 3.63E-07 | 28.72YrCa | 3.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1037 | ALL | 503072 | 3635376 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1038 | ALL | 503122 | 3635376 | 3.99E-07 | 28.72YrCa | 3.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1039 | ALL | 503172 | 3635376 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1040 | ALL | 503222 | 3635376 | 4.36E-07 | 28.72YrCa | 4.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1041 | ALL | 503272 | 3635376 | 4.53E-07 | 28.72YrCa | 4.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1042 | ALL | 503322 | 3635376 | 4.69E-07 | 28.72YrCa | 4.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1043 | ALL | 503372 | 3635376 | 4.85E-07 | 28.72YrCa | 4.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1044 | ALL | 503422 | 3635376 | 5.01E-07 | 28.72YrCa | 5.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1045 | ALL | 503472 | 3635376 | 5.16E-07 | 28.72YrCa | 5.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1046 | ALL | 503522 | 3635376 | 5.30E-07 | 28.72YrCa | 5.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1047 | ALL | 503572 | 3635376 | 5.42E-07 | 28.72YrCa | 5.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1048 | ALL | 503622 | 3635376 | 5.50E-07 | 28.72YrCa | 5.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1049 | ALL | 503672 | 3635376 | 5.63E-07 | 28.72YrCa | 5.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1050 | ALL | 503722 | 3635376 | 5.87E-07 | 28.72YrCa | 5.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1051 | ALL | 504372 | 3635376 | 4.66E-07 | 28.72YrCa | 4.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1052 | ALL | 504422 | 3635376 | 4.46E-07 | 28.72YrCa | 4.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1053 | ALL | 504472 | 3635376 | 4.28E-07 | 28.72YrCa | 4.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1054 | ALL | 504522 | 3635376 | 4.12E-07 | 28.72YrCa | 4.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1055 | ALL | 504572 | 3635376 | 3.97E-07 | 28.72YrCa | 3.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1056 | ALL | 504622 | 3635376 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1057 | ALL | 504672 | 3635376 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1058 | ALL | 504722 | 3635376 | 3.55E-07 | 28.72YrCa | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1059 | ALL | 502722 | 3635426 | 2.70E-07 | 28.72YrCa | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1060 | ALL | 502772 | 3635426 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1061 | ALL | 502822 | 3635426 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1062 | ALL | 502872 | 3635426 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1063 | ALL | 502922 | 3635426 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1064 | ALL | 502972 | 3635426 | 3.29E-07 | 28.72YrCa | 3.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1065 | ALL | 503022 | 3635426 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1066 | ALL | 503072 | 3635426 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1067 | ALL | 503122 | 3635426 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1068 | ALL | 503172 | 3635426 | 3.92E-07 | 28.72YrCa | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1069 | ALL | 503222 | 3635426 | 4.08E-07 | 28.72YrCa | 4.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1070 | ALL | 503272 | 3635426 | 4.19E-07 | 28.72YrCa | 4.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1071 | ALL | 503322 | 3635426 | 4.33E-07 | 28.72YrCa | 4.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1072 | ALL | 503372 | 3635426 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1073 | ALL | 503422 | 3635426 | 4.64E-07 | 28.72YrCa | 4.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1074 | ALL | 503472 | 3635426 | 4.74E-07 | 28.72YrCa | 4.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1075 | ALL | 503522 | 3635426 | 4.85E-07 | 28.72YrCa | 4.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1076 | ALL | 503572 | 3635426 | 4.96E-07 | 28.72YrCa | 4.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1077 | ALL | 503622 | 3635426 | 5.06E-07 | 28.72YrCa | 5.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1078 | ALL | 503672 | 3635426 | 5.17E-07 | 28.72YrCa | 5.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1079 | ALL | 503722 | 3635426 | 5.29E-07 | 28.72YrCa | 5.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1080 | ALL | 503772 | 3635426 | 5.40E-07 | 28.72YrCa | 5.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1081 | ALL | 503822 | 3635426 | 5.50E-07 | 28.72YrCa | 5.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1082 | ALL | 504372 | 3635426 | 4.39E-07 | 28.72YrCa | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1083 | ALL | 504422 | 3635426 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1084 | ALL | 504472 | 3635426 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1085 | ALL | 504522 | 3635426 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1086 | ALL | 504572 | 3635426 | 3.76E-07 | 28.72YrCa | 3.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1087 | ALL | 504622 | 3635426 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1088 | ALL | 504672 | 3635426 | 3.53E-07 | 28.72YrCa | 3.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1089 | ALL | 504722 | 3635426 | 3.40E-07 | 28.72YrCa | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1090 | ALL | 502722 | 3635476 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1091 | ALL | 502772 | 3635476 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1092 | ALL | 502822 | 3635476 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1093 | ALL | 502872 | 3635476 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1094 | ALL | 502922 | 3635476 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1095 | ALL | 502972 | 3635476 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1096 | ALL | 503022 | 3635476 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1097 | ALL | 503072 | 3635476 | 3.40E-07 | 28.72YrCa | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1098 | ALL | 503122 | 3635476 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1099 | ALL | 503172 | 3635476 | 3.70E-07 | 28.72YrCa | 3.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1100 | ALL | 503222 | 3635476 | 3.81E-07 | 28.72YrCa | 3.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1101 | ALL | 503272 | 3635476 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1102 | ALL | 503322 | 3635476 | 4.05E-07 | 28.72YrCa | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1103 | ALL | 503372 | 3635476 | 4.16E-07 | 28.72YrCa | 4.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1104 | ALL | 503422 | 3635476 | 4.28E-07 | 28.72YrCa | 4.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1105 | ALL | 503472 | 3635476 | 4.39E-07 | 28.72YrCa | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1106 | ALL | 503522 | 3635476 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1107 | ALL | 503572 | 3635476 | 4.58E-07 | 28.72YrCa | 4.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1108 | ALL | 503622 | 3635476 | 4.66E-07 | 28.72YrCa | 4.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1109 | ALL | 503672 | 3635476 | 4.73E-07 | 28.72YrCa | 4.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1110 | ALL | 503722 | 3635476 | 4.80E-07 | 28.72YrCa | 4.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1111 | ALL | 503772 | 3635476 | 4.93E-07 | 28.72YrCa | 4.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1112 | ALL | 503822 | 3635476 | 4.97E-07 | 28.72YrCa | 4.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1113 | ALL | 503872 | 3635476 | 5.01E-07 | 28.72YrCa | 5.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1114 | ALL | 503922 | 3635476 | 5.08E-07 | 28.72YrCa | 5.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1115 | ALL | 504372 | 3635476 | 4.05E-07 | 28.72YrCa | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1116 | ALL | 504422 | 3635476 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1117 | ALL | 504472 | 3635476 | 3.86E-07 | 28.72YrCa | 3.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1118 | ALL | 504522 | 3635476 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1119 | ALL | 504572 | 3635476 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1120 | ALL | 504622 | 3635476 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1121 | ALL | 504672 | 3635476 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1122 | ALL | 504722 | 3635476 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1123 | ALL | 502222 | 3632976 | 3.46E-07 | 28.72YrCa | 3.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1124 | ALL | 502272 | 3632976 | 3.51E-07 | 28.72YrCa | 3.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1125 | ALL | 502322 | 3632976 | 3.55E-07 | 28.72YrCa | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1126 | ALL | 502372 | 3632976 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1127 | ALL | 502422 | 3632976 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1128 | ALL | 502472 | 3632976 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1129 | ALL | 502522 | 3632976 | 3.71E-07 | 28.72YrCa | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1130 | ALL | 502572 | 3632976 | 3.74E-07 | 28.72YrCa | 3.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1131 | ALL | 502622 | 3632976 | 3.78E-07 | 28.72YrCa | 3.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1132 | ALL | 502672 | 3632976 | 3.82E-07 | 28.72YrCa | 3.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1133 | ALL | 502722 | 3632976 | 3.87E-07 | 28.72YrCa | 3.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1134 | ALL | 502772 | 3632976 | 3.92E-07 | 28.72YrCa | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1135 | ALL | 502822 | 3632976 | 3.74E-07 | 28.72YrCa | 3.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1136 | ALL | 502872 | 3632976 | 3.62E-07 | 28.72YrCa | 3.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1137 | ALL | 502922 | 3632976 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1138 | ALL | 502972 | 3632976 | 2.66E-07 | 28.72YrCa | 2.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1139 | ALL | 503022 | 3632976 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1140 | ALL | 503072 | 3632976 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1141 | ALL | 503122 | 3632976 | 3.79E-07 | 28.72YrCa | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1142 | ALL | 503172 | 3632976 | 3.98E-07 | 28.72YrCa | 3.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1143 | ALL | 503222 | 3632976 | 4.13E-07 | 28.72YrCa | 4.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1144 | ALL | 503272 | 3632976 | 4.30E-07 | 28.72YrCa | 4.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1145 | ALL | 503322 | 3632976 | 4.54E-07 | 28.72YrCa | 4.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1146 | ALL | 503372 | 3632976 | 4.89E-07 | 28.72YrCa | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1147 | ALL | 503422 | 3632976 | 5.47E-07 | 28.72YrCa | 5.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1148 | ALL | 503472 | 3632976 | 6.67E-07 | 28.72YrCa | 6.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1149 | ALL | 503622 | 3632976 | 7.63E-07 | 28.72YrCa | 7.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1150 | ALL | 503672 | 3632976 | 5.14E-07 | 28.72YrCa | 5.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1151 | ALL | 503722 | 3632976 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1152 | ALL | 503772 | 3632976 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1153 | ALL | 503822 | 3632976 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1154 | ALL | 503872 | 3632976 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1155 | ALL | 503922 | 3632976 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1156 | ALL | 503972 | 3632976 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1157 | ALL | 504022 | 3632976 | 1.63E-07 | 28.72YrCa | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1158 | ALL | 504072 | 3632976 | 1.58E-07 | 28.72YrCa | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1159 | ALL | 504122 | 3632976 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1160 | ALL | 504172 | 3632976 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1161 | ALL | 504222 | 3632976 | 1.45E-07 | 28.72YrCa | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1162 | ALL | 504272 | 3632976 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1163 | ALL | 504322 | 3632976 | 1.39E-07 | 28.72YrCa | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1164 | ALL | 504372 | 3632976 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1165 | ALL | 504422 | 3632976 | 1.32E-07 | 28.72YrCa | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1166 | ALL | 504472 | 3632976 | 1.29E-07 | 28.72YrCa | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1167 | ALL | 504522 | 3632976 | 1.28E-07 | 28.72YrCa | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1168 | ALL | 504572 | 3632976 | 1.26E-07 | 28.72YrCa | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1169 | ALL | 504622 | 3632976 | 1.25E-07 | 28.72YrCa | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1170 | ALL | 504672 | 3632976 | 1.23E-07 | 28.72YrCa | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1171 | ALL | 504722 | 3632976 | 1.23E-07 | 28.72YrCa | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1172 | ALL | 504772 | 3632976 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1173 | ALL | 504822 | 3632976 | 1.21E-07 | 28.72YrCa | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1174 | ALL | 504872 | 3632976 | 1.20E-07 | 28.72YrCa | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1175 | ALL | 504922 | 3632976 | 1.19E-07 | 28.72YrCa | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1176 | ALL | 504972 | 3632976 | 1.18E-07 | 28.72YrCa | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1177 | ALL | 505022 | 3632976 | 1.17E-07 | 28.72YrCa | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1178 | ALL | 505072 | 3632976 | 1.16E-07 | 28.72YrCa | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1179 | ALL | 505122 | 3632976 | 1.16E-07 | 28.72YrCa | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1180 | ALL | 505172 | 3632976 | 1.17E-07 | 28.72YrCa | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1181 | ALL | 505222 | 3632976 | 1.17E-07 | 28.72YrCa | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1182 | ALL | 502222 | 3633026 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1183 | ALL | 502272 | 3633026 | 3.18E-07 | 28.72YrCa | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1184 | ALL | 502322 | 3633026 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1185 | ALL | 502372 | 3633026 | 3.28E-07 | 28.72YrCa | 3.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1186 | ALL | 502422 | 3633026 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1187 | ALL | 502472 | 3633026 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1188 | ALL | 502522 | 3633026 | 3.42E-07 | 28.72YrCa | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1189 | ALL | 502572 | 3633026 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1190 | ALL | 502622 | 3633026 | 3.52E-07 | 28.72YrCa | 3.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1191 | ALL | 502672 | 3633026 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1192 | ALL | 502722 | 3633026 | 3.62E-07 | 28.72YrCa | 3.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1193 | ALL | 502772 | 3633026 | 3.67E-07 | 28.72YrCa | 3.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1194 | ALL | 502822 | 3633026 | 3.48E-07 | 28.72YrCa | 3.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1195 | ALL | 502872 | 3633026 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1196 | ALL | 502922 | 3633026 | 3.40E-07 | 28.72YrCa | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1197 | ALL | 502972 | 3633026 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1198 | ALL | 503022 | 3633026 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1199 | ALL | 503072 | 3633026 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1200 | ALL | 503122 | 3633026 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1201 | ALL | 503172 | 3633026 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1202 | ALL | 503222 | 3633026 | 4.02E-07 | 28.72YrCa | 4.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1203 | ALL | 503272 | 3633026 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1204 | ALL | 503322 | 3633026 | 4.41E-07 | 28.72YrCa | 4.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1205 | ALL | 503372 | 3633026 | 4.74E-07 | 28.72YrCa | 4.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1206 | ALL | 503422 | 3633026 | 5.34E-07 | 28.72YrCa | 5.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1207 | ALL | 503472 | 3633026 | 6.59E-07 | 28.72YrCa | 6.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1208 | ALL | 503622 | 3633026 | 7.78E-07 | 28.72YrCa | 7.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1209 | ALL | 503672 | 3633026 | 5.36E-07 | 28.72YrCa | 5.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1210 | ALL | 503722 | 3633026 | 4.21E-07 | 28.72YrCa | 4.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1211 | ALL | 503772 | 3633026 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1212 | ALL | 503822 | 3633026 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1213 | ALL | 503872 | 3633026 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1214 | ALL | 503922 | 3633026 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1215 | ALL | 503972 | 3633026 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1216 | ALL | 504022 | 3633026 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1217 | ALL | 504072 | 3633026 | 1.62E-07 | 28.72YrCa | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1218 | ALL | 504122 | 3633026 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1219 | ALL | 504172 | 3633026 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1220 | ALL | 504222 | 3633026 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1221 | ALL | 504272 | 3633026 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1222 | ALL | 504322 | 3633026 | 1.44E-07 | 28.72YrCa | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1223 | ALL | 504372 | 3633026 | 1.40E-07 | 28.72YrCa | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1224 | ALL | 504422 | 3633026 | 1.37E-07 | 28.72YrCa | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1225 | ALL | 504472 | 3633026 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1226 | ALL | 504522 | 3633026 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1227 | ALL | 504572 | 3633026 | 1.31E-07 | 28.72YrCa | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1228 | ALL | 504622 | 3633026 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1229 | ALL | 504672 | 3633026 | 1.29E-07 | 28.72YrCa | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1230 | ALL | 504722 | 3633026 | 1.28E-07 | 28.72YrCa | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1231 | ALL | 504772 | 3633026 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1232 | ALL | 504822 | 3633026 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1233 | ALL | 504872 | 3633026 | 1.26E-07 | 28.72YrCa | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1234 | ALL | 504922 | 3633026 | 1.26E-07 | 28.72YrCa | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1235 | ALL | 504972 | 3633026 | 1.24E-07 | 28.72YrCa | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1236 | ALL | 505022 | 3633026 | 1.23E-07 | 28.72YrCa | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1237 | ALL | 505072 | 3633026 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1238 | ALL | 505122 | 3633026 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1239 | ALL | 505172 | 3633026 | 1.23E-07 | 28.72YrCa | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1240 | ALL | 505222 | 3633026 | 1.24E-07 | 28.72YrCa | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1241 | ALL | 502222 | 3633076 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1242 | ALL | 502272 | 3633076 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1243 | ALL | 502322 | 3633076 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1244 | ALL | 502372 | 3633076 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1245 | ALL | 502422 | 3633076 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1246 | ALL | 502472 | 3633076 | 3.16E-07 | 28.72YrCa | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1247 | ALL | 502522 | 3633076 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1248 | ALL | 502572 | 3633076 | 3.28E-07 | 28.72YrCa | 3.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1249 | ALL | 502622 | 3633076 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1250 | ALL | 502672 | 3633076 | 3.39E-07 | 28.72YrCa | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1251 | ALL | 502722 | 3633076 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1252 | ALL | 502772 | 3633076 | 3.51E-07 | 28.72YrCa | 3.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1253 | ALL | 502822 | 3633076 | 3.39E-07 | 28.72YrCa | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1254 | ALL | 502872 | 3633076 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1255 | ALL | 502922 | 3633076 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1256 | ALL | 502972 | 3633076 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1257 | ALL | 503022 | 3633076 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1258 | ALL | 503072 | 3633076 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1259 | ALL | 503122 | 3633076 | 3.62E-07 | 28.72YrCa | 3.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1260 | ALL | 503172 | 3633076 | 3.78E-07 | 28.72YrCa | 3.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1261 | ALL | 503222 | 3633076 | 4.00E-07 | 28.72YrCa | 4.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1262 | ALL | 503272 | 3633076 | 4.13E-07 | 28.72YrCa | 4.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1263 | ALL | 503322 | 3633076 | 4.35E-07 | 28.72YrCa | 4.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1264 | ALL | 503372 | 3633076 | 4.68E-07 | 28.72YrCa | 4.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1265 | ALL | 503422 | 3633076 | 5.28E-07 | 28.72YrCa | 5.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1266 | ALL | 503472 | 3633076 | 6.56E-07 | 28.72YrCa | 6.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1267 | ALL | 503622 | 3633076 | 7.85E-07 | 28.72YrCa | 7.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1268 | ALL | 503672 | 3633076 | 5.27E-07 | 28.72YrCa | 5.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1269 | ALL | 503722 | 3633076 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1270 | ALL | 503772 | 3633076 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1271 | ALL | 503822 | 3633076 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1272 | ALL | 503872 | 3633076 | 2.01E-07 | 28.72YrCa | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1273 | ALL | 503922 | 3633076 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1274 | ALL | 503972 | 3633076 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1275 | ALL | 504022 | 3633076 | 1.74E-07 | 28.72YrCa | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1276 | ALL | 504072 | 3633076 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1277 | ALL | 504122 | 3633076 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1278 | ALL | 504172 | 3633076 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1279 | ALL | 504222 | 3633076 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1280 | ALL | 504272 | 3633076 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1281 | ALL | 504322 | 3633076 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1282 | ALL | 504372 | 3633076 | 1.46E-07 | 28.72YrCa | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1283 | ALL | 504422 | 3633076 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1284 | ALL | 504472 | 3633076 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1285 | ALL | 504522 | 3633076 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1286 | ALL | 504572 | 3633076 | 1.37E-07 | 28.72YrCa | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1287 | ALL | 504622 | 3633076 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1288 | ALL | 504672 | 3633076 | 1.34E-07 | 28.72YrCa | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1289 | ALL | 504722 | 3633076 | 1.34E-07 | 28.72YrCa | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1290 | ALL | 504772 | 3633076 | 1.34E-07 | 28.72YrCa | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1291 | ALL | 504822 | 3633076 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1292 | ALL | 504872 | 3633076 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1293 | ALL | 504922 | 3633076 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1294 | ALL | 504972 | 3633076 | 1.31E-07 | 28.72YrCa | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1295 | ALL | 505022 | 3633076 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1296 | ALL | 505072 | 3633076 | 1.29E-07 | 28.72YrCa | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1297 | ALL | 505122 | 3633076 | 1.28E-07 | 28.72YrCa | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1298 | ALL | 505172 | 3633076 | 1.29E-07 | 28.72YrCa | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1299 | ALL | 505222 | 3633076 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1300 | ALL | 502222 | 3633126 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1301 | ALL | 502272 | 3633126 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1302 | ALL | 502322 | 3633126 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1303 | ALL | 502372 | 3633126 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1304 | ALL | 502422 | 3633126 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1305 | ALL | 502472 | 3633126 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1306 | ALL | 502522 | 3633126 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1307 | ALL | 502572 | 3633126 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1308 | ALL | 502622 | 3633126 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1309 | ALL | 502672 | 3633126 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1310 | ALL | 502722 | 3633126 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1311 | ALL | 502772 | 3633126 | 3.42E-07 | 28.72YrCa | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1312 | ALL | 502822 | 3633126 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1313 | ALL | 502872 | 3633126 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1314 | ALL | 502922 | 3633126 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1315 | ALL | 502972 | 3633126 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1316 | ALL | 503022 | 3633126 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1317 | ALL | 503072 | 3633126 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1318 | ALL | 503122 | 3633126 | 3.62E-07 | 28.72YrCa | 3.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1319 | ALL | 503172 | 3633126 | 3.81E-07 | 28.72YrCa | 3.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1320 | ALL | 503222 | 3633126 | 3.99E-07 | 28.72YrCa | 3.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1321 | ALL | 503272 | 3633126 | 4.15E-07 | 28.72YrCa | 4.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1322 | ALL | 503322 | 3633126 | 4.39E-07 | 28.72YrCa | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1323 | ALL | 503372 | 3633126 | 4.69E-07 | 28.72YrCa | 4.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1324 | ALL | 503422 | 3633126 | 5.28E-07 | 28.72YrCa | 5.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1325 | ALL | 503472 | 3633126 | 6.57E-07 | 28.72YrCa | 6.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1326 | ALL | 503622 | 3633126 | 7.75E-07 | 28.72YrCa | 7.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1327 | ALL | 503672 | 3633126 | 4.94E-07 | 28.72YrCa | 4.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1328 | ALL | 503722 | 3633126 | 3.87E-07 | 28.72YrCa | 3.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1329 | ALL | 503772 | 3633126 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1330 | ALL | 503822 | 3633126 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1331 | ALL | 503872 | 3633126 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1332 | ALL | 503922 | 3633126 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1333 | ALL | 503972 | 3633126 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1334 | ALL | 504022 | 3633126 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1335 | ALL | 504072 | 3633126 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1336 | ALL | 504122 | 3633126 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1337 | ALL | 504172 | 3633126 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1338 | ALL | 504222 | 3633126 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1339 | ALL | 504272 | 3633126 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1340 | ALL | 504322 | 3633126 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1341 | ALL | 504372 | 3633126 | 1.54E-07 | 28.72YrCa | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1342 | ALL | 504422 | 3633126 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1343 | ALL | 504472 | 3633126 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1344 | ALL | 504522 | 3633126 | 1.45E-07 | 28.72YrCa | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1345 | ALL | 504572 | 3633126 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1346 | ALL | 504622 | 3633126 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1347 | ALL | 504672 | 3633126 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1348 | ALL | 504722 | 3633126 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1349 | ALL | 504772 | 3633126 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1350 | ALL | 504822 | 3633126 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1351 | ALL | 504872 | 3633126 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1352 | ALL | 504922 | 3633126 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1353 | ALL | 504972 | 3633126 | 1.40E-07 | 28.72YrCa | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1354 | ALL | 505022 | 3633126 | 1.37E-07 | 28.72YrCa | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1355 | ALL | 505072 | 3633126 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1356 | ALL | 505122 | 3633126 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1357 | ALL | 505172 | 3633126 | 1.36E-07 | 28.72YrCa | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1358 | ALL | 505222 | 3633126 | 1.37E-07 | 28.72YrCa | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1359 | ALL | 502222 | 3633176 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1360 | ALL | 502272 | 3633176 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1361 | ALL | 502322 | 3633176 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1362 | ALL | 502372 | 3633176 | 2.80E-07 | 28.72YrCa | 2.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1363 | ALL | 502422 | 3633176 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1364 | ALL | 502472 | 3633176 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1365 | ALL | 502522 | 3633176 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1366 | ALL | 502572 | 3633176 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1367 | ALL | 502622 | 3633176 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1368 | ALL | 502672 | 3633176 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1369 | ALL | 502722 | 3633176 | 3.28E-07 | 28.72YrCa | 3.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1370 | ALL | 502772 | 3633176 | 3.28E-07 | 28.72YrCa | 3.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1371 | ALL | 502822 | 3633176 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1372 | ALL | 502872 | 3633176 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1373 | ALL | 502922 | 3633176 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1374 | ALL | 502972 | 3633176 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1375 | ALL | 503022 | 3633176 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1376 | ALL | 503072 | 3633176 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1377 | ALL | 503122 | 3633176 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1378 | ALL | 503172 | 3633176 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1379 | ALL | 503222 | 3633176 | 3.99E-07 | 28.72YrCa | 3.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1380 | ALL | 503272 | 3633176 | 4.15E-07 | 28.72YrCa | 4.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1381 | ALL | 503322 | 3633176 | 4.42E-07 | 28.72YrCa | 4.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1382 | ALL | 503372 | 3633176 | 4.72E-07 | 28.72YrCa | 4.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1383 | ALL | 503422 | 3633176 | 5.32E-07 | 28.72YrCa | 5.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1384 | ALL | 503472 | 3633176 | 6.64E-07 | 28.72YrCa | 6.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1385 | ALL | 503622 | 3633176 | 6.56E-07 | 28.72YrCa | 6.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1386 | ALL | 503672 | 3633176 | 4.85E-07 | 28.72YrCa | 4.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1387 | ALL | 503722 | 3633176 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1388 | ALL | 503772 | 3633176 | 2.71E-07 | 28.72YrCa | 2.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1389 | ALL | 503822 | 3633176 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1390 | ALL | 503872 | 3633176 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1391 | ALL | 503922 | 3633176 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1392 | ALL | 503972 | 3633176 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1393 | ALL | 504022 | 3633176 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1394 | ALL | 504072 | 3633176 | 1.83E-07 | 28.72YrCa | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1395 | ALL | 504122 | 3633176 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1396 | ALL | 504172 | 3633176 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1397 | ALL | 504222 | 3633176 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1398 | ALL | 504272 | 3633176 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1399 | ALL | 504322 | 3633176 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1400 | ALL | 504372 | 3633176 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1401 | ALL | 504422 | 3633176 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1402 | ALL | 504472 | 3633176 | 1.55E-07 | 28.72YrCa | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1403 | ALL | 504522 | 3633176 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1404 | ALL | 504572 | 3633176 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1405 | ALL | 504622 | 3633176 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1406 | ALL | 504672 | 3633176 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1407 | ALL | 504722 | 3633176 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1408 | ALL | 504772 | 3633176 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1409 | ALL | 504822 | 3633176 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1410 | ALL | 504872 | 3633176 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1411 | ALL | 504922 | 3633176 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1412 | ALL | 504972 | 3633176 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1413 | ALL | 505022 | 3633176 | 1.45E-07 | 28.72YrCa | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1414 | ALL | 505072 | 3633176 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1415 | ALL | 505122 | 3633176 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1416 | ALL | 505172 | 3633176 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1417 | ALL | 505222 | 3633176 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1418 | ALL | 502222 | 3633226 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1419 | ALL | 502272 | 3633226 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1420 | ALL | 502322 | 3633226 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1421 | ALL | 502372 | 3633226 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1422 | ALL | 502422 | 3633226 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1423 | ALL | 502472 | 3633226 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1424 | ALL | 502522 | 3633226 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1425 | ALL | 502572 | 3633226 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1426 | ALL | 502622 | 3633226 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1427 | ALL | 502672 | 3633226 | 3.16E-07 | 28.72YrCa | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1428 | ALL | 502722 | 3633226 | 3.24E-07 | 28.72YrCa | 3.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1429 | ALL | 502772 | 3633226 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1430 | ALL | 502822 | 3633226 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1431 | ALL | 502872 | 3633226 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1432 | ALL | 502922 | 3633226 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1433 | ALL | 502972 | 3633226 | 3.59E-07 | 28.72YrCa | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1434 | ALL | 503022 | 3633226 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1435 | ALL | 503072 | 3633226 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1436 | ALL | 503122 | 3633226 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1437 | ALL | 503172 | 3633226 | 3.95E-07 | 28.72YrCa | 3.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1438 | ALL | 503222 | 3633226 | 4.06E-07 | 28.72YrCa | 4.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1439 | ALL | 503272 | 3633226 | 4.23E-07 | 28.72YrCa | 4.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1440 | ALL | 503322 | 3633226 | 4.44E-07 | 28.72YrCa | 4.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1441 | ALL | 503372 | 3633226 | 4.74E-07 | 28.72YrCa | 4.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1442 | ALL | 503422 | 3633226 | 5.40E-07 | 28.72YrCa | 5.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1443 | ALL | 503472 | 3633226 | 6.79E-07 | 28.72YrCa | 6.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1444 | ALL | 503622 | 3633226 | 6.58E-07 | 28.72YrCa | 6.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1445 | ALL | 503672 | 3633226 | 4.61E-07 | 28.72YrCa | 4.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1446 | ALL | 503722 | 3633226 | 3.39E-07 | 28.72YrCa | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1447 | ALL | 503772 | 3633226 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1448 | ALL | 503822 | 3633226 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1449 | ALL | 503872 | 3633226 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1450 | ALL | 503922 | 3633226 | 2.13E-07 | 28.72YrCa | 2.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1451 | ALL | 503972 | 3633226 | 2.06E-07 | 28.72YrCa | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1452 | ALL | 504022 | 3633226 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1453 | ALL | 504072 | 3633226 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1454 | ALL | 504122 | 3633226 | 1.92E-07 | 28.72YrCa | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1455 | ALL | 504172 | 3633226 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1456 | ALL | 504222 | 3633226 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1457 | ALL | 504272 | 3633226 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1458 | ALL | 504322 | 3633226 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1459 | ALL | 504372 | 3633226 | 1.74E-07 | 28.72YrCa | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1460 | ALL | 504422 | 3633226 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1461 | ALL | 504472 | 3633226 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1462 | ALL | 504522 | 3633226 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1463 | ALL | 504572 | 3633226 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1464 | ALL | 504622 | 3633226 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1465 | ALL | 504672 | 3633226 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1466 | ALL | 504722 | 3633226 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1467 | ALL | 504772 | 3633226 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1468 | ALL | 504822 | 3633226 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1469 | ALL | 504872 | 3633226 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1470 | ALL | 504922 | 3633226 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1471 | ALL | 504972 | 3633226 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1472 | ALL | 505022 | 3633226 | 1.54E-07 | 28.72YrCa | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1473 | ALL | 505072 | 3633226 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1474 | ALL | 505122 | 3633226 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1475 | ALL | 505172 | 3633226 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1476 | ALL | 505222 | 3633226 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1477 | ALL | 502222 | 3633276 | 2.46E-07 | 28.72YrCa | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1478 | ALL | 502272 | 3633276 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1479 | ALL | 502322 | 3633276 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1480 | ALL | 502372 | 3633276 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1481 | ALL | 502422 | 3633276 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1482 | ALL | 502472 | 3633276 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1483 | ALL | 502522 | 3633276 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1484 | ALL | 502572 | 3633276 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1485 | ALL | 502622 | 3633276 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1486 | ALL | 502672 | 3633276 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1487 | ALL | 502722 | 3633276 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1488 | ALL | 502772 | 3633276 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1489 | ALL | 502822 | 3633276 | 3.07E-07 | 28.72YrCa | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1490 | ALL | 502872 | 3633276 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1491 | ALL | 502922 | 3633276 | 3.52E-07 | 28.72YrCa | 3.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1492 | ALL | 502972 | 3633276 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1493 | ALL | 503022 | 3633276 | 3.63E-07 | 28.72YrCa | 3.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1494 | ALL | 503072 | 3633276 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1495 | ALL | 503122 | 3633276 | 4.05E-07 | 28.72YrCa | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1496 | ALL | 503172 | 3633276 | 4.21E-07 | 28.72YrCa | 4.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1497 | ALL | 503222 | 3633276 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1498 | ALL | 503272 | 3633276 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1499 | ALL | 503322 | 3633276 | 4.51E-07 | 28.72YrCa | 4.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1500 | ALL | 503372 | 3633276 | 4.83E-07 | 28.72YrCa | 4.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1501 | ALL | 503422 | 3633276 | 5.49E-07 | 28.72YrCa | 5.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1502 | ALL | 503472 | 3633276 | 5.06E-07 | 28.72YrCa | 5.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1503 | ALL | 503622 | 3633276 | 5.72E-07 | 28.72YrCa | 5.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1504 | ALL | 503672 | 3633276 | 4.31E-07 | 28.72YrCa | 4.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1505 | ALL | 503722 | 3633276 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1506 | ALL | 503772 | 3633276 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1507 | ALL | 503822 | 3633276 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1508 | ALL | 503872 | 3633276 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1509 | ALL | 503922 | 3633276 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1510 | ALL | 503972 | 3633276 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1511 | ALL | 504022 | 3633276 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1512 | ALL | 504072 | 3633276 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1513 | ALL | 504122 | 3633276 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1514 | ALL | 504172 | 3633276 | 2.00E-07 | 28.72YrCa | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1515 | ALL | 504222 | 3633276 | 1.92E-07 | 28.72YrCa | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1516 | ALL | 504272 | 3633276 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1517 | ALL | 504322 | 3633276 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1518 | ALL | 504372 | 3633276 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1519 | ALL | 504422 | 3633276 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1520 | ALL | 504472 | 3633276 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1521 | ALL | 504522 | 3633276 | 1.72E-07 | 28.72YrCa | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1522 | ALL | 504572 | 3633276 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1523 | ALL | 504622 | 3633276 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1524 | ALL | 504672 | 3633276 | 1.72E-07 | 28.72YrCa | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1525 | ALL | 504722 | 3633276 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1526 | ALL | 504772 | 3633276 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1527 | ALL | 504822 | 3633276 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1528 | ALL | 504872 | 3633276 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1529 | ALL | 504922 | 3633276 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1530 | ALL | 504972 | 3633276 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1531 | ALL | 505022 | 3633276 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1532 | ALL | 505072 | 3633276 | 1.63E-07 | 28.72YrCa | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1533 | ALL | 505122 | 3633276 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1534 | ALL | 505172 | 3633276 | 1.56E-07 | 28.72YrCa | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1535 | ALL | 505222 | 3633276 | 1.55E-07 | 28.72YrCa | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1536 | ALL | 502222 | 3633326 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1537 | ALL | 502272 | 3633326 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1538 | ALL | 502322 | 3633326 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1539 | ALL | 502372 | 3633326 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1540 | ALL | 502422 | 3633326 | 2.70E-07 | 28.72YrCa | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1541 | ALL | 502472 | 3633326 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1542 | ALL | 502522 | 3633326 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1543 | ALL | 502572 | 3633326 | 2.94E-07 | 28.72YrCa | 2.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1544 | ALL | 502622 | 3633326 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1545 | ALL | 502672 | 3633326 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1546 | ALL | 502722 | 3633326 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1547 | ALL | 502772 | 3633326 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1548 | ALL | 502822 | 3633326 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1549 | ALL | 502872 | 3633326 | 3.54E-07 | 28.72YrCa | 3.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1550 | ALL | 502922 | 3633326 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1551 | ALL | 502972 | 3633326 | 3.74E-07 | 28.72YrCa | 3.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1552 | ALL | 503022 | 3633326 | 3.81E-07 | 28.72YrCa | 3.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1553 | ALL | 503072 | 3633326 | 4.03E-07 | 28.72YrCa | 4.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1554 | ALL | 503122 | 3633326 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1555 | ALL | 503172 | 3633326 | 4.43E-07 | 28.72YrCa | 4.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1556 | ALL | 503222 | 3633326 | 4.52E-07 | 28.72YrCa | 4.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1557 | ALL | 503272 | 3633326 | 4.31E-07 | 28.72YrCa | 4.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1558 | ALL | 503322 | 3633326 | 4.58E-07 | 28.72YrCa | 4.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1559 | ALL | 503372 | 3633326 | 4.89E-07 | 28.72YrCa | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1560 | ALL | 503422 | 3633326 | 5.27E-07 | 28.72YrCa | 5.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1561 | ALL | 503472 | 3633326 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1562 | ALL | 503622 | 3633326 | 5.27E-07 | 28.72YrCa | 5.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1563 | ALL | 503672 | 3633326 | 4.11E-07 | 28.72YrCa | 4.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1564 | ALL | 503722 | 3633326 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1565 | ALL | 503772 | 3633326 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1566 | ALL | 503822 | 3633326 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1567 | ALL | 503872 | 3633326 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1568 | ALL | 503922 | 3633326 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1569 | ALL | 503972 | 3633326 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1570 | ALL | 504022 | 3633326 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1571 | ALL | 504072 | 3633326 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1572 | ALL | 504122 | 3633326 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1573 | ALL | 504172 | 3633326 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1574 | ALL | 504222 | 3633326 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1575 | ALL | 504272 | 3633326 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1576 | ALL | 504322 | 3633326 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1577 | ALL | 504372 | 3633326 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1578 | ALL | 504422 | 3633326 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1579 | ALL | 504472 | 3633326 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1580 | ALL | 504522 | 3633326 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1581 | ALL | 504572 | 3633326 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1582 | ALL | 504622 | 3633326 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1583 | ALL | 504672 | 3633326 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1584 | ALL | 504722 | 3633326 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1585 | ALL | 504772 | 3633326 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1586 | ALL | 504822 | 3633326 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1587 | ALL | 504872 | 3633326 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1588 | ALL | 504922 | 3633326 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1589 | ALL | 504972 | 3633326 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1590 | ALL | 505022 | 3633326 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1591 | ALL | 505072 | 3633326 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1592 | ALL | 505122 | 3633326 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1593 | ALL | 505172 | 3633326 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1594 | ALL | 505222 | 3633326 | 1.63E-07 | 28.72YrCa | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1595 | ALL | 502222 | 3633376 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1596 | ALL | 502272 | 3633376 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1597 | ALL | 502322 | 3633376 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1598 | ALL | 502372 | 3633376 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1599 | ALL | 502422 | 3633376 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1600 | ALL | 502472 | 3633376 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1601 | ALL | 502522 | 3633376 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1602 | ALL | 502572 | 3633376 | 2.94E-07 | 28.72YrCa | 2.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1603 | ALL | 502622 | 3633376 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1604 | ALL | 502672 | 3633376 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1605 | ALL | 502722 | 3633376 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1606 | ALL | 502772 | 3633376 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1607 | ALL | 502822 | 3633376 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1608 | ALL | 502872 | 3633376 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1609 | ALL | 502922 | 3633376 | 3.70E-07 | 28.72YrCa | 3.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1610 | ALL | 502972 | 3633376 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1611 | ALL | 503022 | 3633376 | 3.99E-07 | 28.72YrCa | 3.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1612 | ALL | 503072 | 3633376 | 4.16E-07 | 28.72YrCa | 4.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1613 | ALL | 503122 | 3633376 | 4.34E-07 | 28.72YrCa | 4.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1614 | ALL | 503172 | 3633376 | 4.54E-07 | 28.72YrCa | 4.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1615 | ALL | 503222 | 3633376 | 4.72E-07 | 28.72YrCa | 4.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1616 | ALL | 503272 | 3633376 | 4.91E-07 | 28.72YrCa | 4.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1617 | ALL | 503322 | 3633376 | 4.92E-07 | 28.72YrCa | 4.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1618 | ALL | 503372 | 3633376 | 5.00E-07 | 28.72YrCa | 5.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1619 | ALL | 503422 | 3633376 | 4.56E-07 | 28.72YrCa | 4.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1620 | ALL | 503472 | 3633376 | 5.04E-07 | 28.72YrCa | 5.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1621 | ALL | 503622 | 3633376 | 5.59E-07 | 28.72YrCa | 5.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1622 | ALL | 503672 | 3633376 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1623 | ALL | 503722 | 3633376 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1624 | ALL | 503772 | 3633376 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1625 | ALL | 503822 | 3633376 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1626 | ALL | 503872 | 3633376 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1627 | ALL | 503922 | 3633376 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1628 | ALL | 503972 | 3633376 | 2.77E-07 | 28.72YrCa | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1629 | ALL | 504022 | 3633376 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1630 | ALL | 504072 | 3633376 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1631 | ALL | 504122 | 3633376 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1632 | ALL | 504172 | 3633376 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1633 | ALL | 504222 | 3633376 | 2.22E-07 | 28.72YrCa | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1634 | ALL | 504272 | 3633376 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1635 | ALL | 504322 | 3633376 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1636 | ALL | 504372 | 3633376 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1637 | ALL | 504422 | 3633376 | 2.15E-07 | 28.72YrCa | 2.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1638 | ALL | 504472 | 3633376 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1639 | ALL | 504522 | 3633376 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1640 | ALL | 504572 | 3633376 | 2.00E-07 | 28.72YrCa | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1641 | ALL | 504622 | 3633376 | 2.01E-07 | 28.72YrCa | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1642 | ALL | 504672 | 3633376 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1643 | ALL | 504722 | 3633376 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1644 | ALL | 504772 | 3633376 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1645 | ALL | 504822 | 3633376 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1646 | ALL | 504872 | 3633376 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1647 | ALL | 504922 | 3633376 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1648 | ALL | 504972 | 3633376 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1649 | ALL | 505022 | 3633376 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1650 | ALL | 505072 | 3633376 | 1.86E-07 | 28.72YrCa | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1651 | ALL | 505122 | 3633376 | 1.77E-07 | 28.72YrCa | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1652 | ALL | 505172 | 3633376 | 1.72E-07 | 28.72YrCa | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1653 | ALL | 505222 | 3633376 | 1.72E-07 | 28.72YrCa | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1654 | ALL | 502222 | 3633426 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1655 | ALL | 502272 | 3633426 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1656 | ALL | 502322 | 3633426 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1657 | ALL | 502372 | 3633426 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1658 | ALL | 502422 | 3633426 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1659 | ALL | 502472 | 3633426 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1660 | ALL | 502522 | 3633426 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1661 | ALL | 502572 | 3633426 | 2.94E-07 | 28.72YrCa | 2.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1662 | ALL | 502622 | 3633426 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1663 | ALL | 502672 | 3633426 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1664 | ALL | 502722 | 3633426 | 3.25E-07 | 28.72YrCa | 3.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1665 | ALL | 502772 | 3633426 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1666 | ALL | 502822 | 3633426 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1667 | ALL | 502872 | 3633426 | 3.63E-07 | 28.72YrCa | 3.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1668 | ALL | 502922 | 3633426 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1669 | ALL | 502972 | 3633426 | 3.92E-07 | 28.72YrCa | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1670 | ALL | 503022 | 3633426 | 4.08E-07 | 28.72YrCa | 4.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1671 | ALL | 503072 | 3633426 | 4.26E-07 | 28.72YrCa | 4.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1672 | ALL | 503122 | 3633426 | 4.45E-07 | 28.72YrCa | 4.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1673 | ALL | 503172 | 3633426 | 4.67E-07 | 28.72YrCa | 4.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1674 | ALL | 503222 | 3633426 | 4.92E-07 | 28.72YrCa | 4.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1675 | ALL | 503272 | 3633426 | 5.13E-07 | 28.72YrCa | 5.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1676 | ALL | 503322 | 3633426 | 5.06E-07 | 28.72YrCa | 5.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1677 | ALL | 503372 | 3633426 | 4.91E-07 | 28.72YrCa | 4.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1678 | ALL | 503422 | 3633426 | 4.93E-07 | 28.72YrCa | 4.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1679 | ALL | 503472 | 3633426 | 5.91E-07 | 28.72YrCa | 5.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1680 | ALL | 503622 | 3633426 | 6.84E-07 | 28.72YrCa | 6.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1681 | ALL | 503672 | 3633426 | 4.81E-07 | 28.72YrCa | 4.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1682 | ALL | 503722 | 3633426 | 3.75E-07 | 28.72YrCa | 3.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1683 | ALL | 503772 | 3633426 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1684 | ALL | 503822 | 3633426 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1685 | ALL | 503872 | 3633426 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1686 | ALL | 503922 | 3633426 | 3.09E-07 | 28.72YrCa | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1687 | ALL | 503972 | 3633426 | 3.07E-07 | 28.72YrCa | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1688 | ALL | 504022 | 3633426 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1689 | ALL | 504072 | 3633426 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1690 | ALL | 504122 | 3633426 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1691 | ALL | 504172 | 3633426 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1692 | ALL | 504222 | 3633426 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1693 | ALL | 504272 | 3633426 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1694 | ALL | 504322 | 3633426 | 2.70E-07 | 28.72YrCa | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1695 | ALL | 504372 | 3633426 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1696 | ALL | 504422 | 3633426 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1697 | ALL | 504472 | 3633426 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1698 | ALL | 504522 | 3633426 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1699 | ALL | 504572 | 3633426 | 2.18E-07 | 28.72YrCa | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1700 | ALL | 504622 | 3633426 | 2.22E-07 | 28.72YrCa | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1701 | ALL | 504672 | 3633426 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1702 | ALL | 504722 | 3633426 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1703 | ALL | 504772 | 3633426 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1704 | ALL | 504822 | 3633426 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1705 | ALL | 504872 | 3633426 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1706 | ALL | 504922 | 3633426 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1707 | ALL | 504972 | 3633426 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1708 | ALL | 505022 | 3633426 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1709 | ALL | 505072 | 3633426 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1710 | ALL | 505122 | 3633426 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1711 | ALL | 505172 | 3633426 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1712 | ALL | 505222 | 3633426 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1713 | ALL | 502222 | 3633476 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1714 | ALL | 502272 | 3633476 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1715 | ALL | 502322 | 3633476 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1716 | ALL | 502372 | 3633476 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1717 | ALL | 502422 | 3633476 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1718 | ALL | 502472 | 3633476 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1719 | ALL | 502522 | 3633476 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1720 | ALL | 502572 | 3633476 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1721 | ALL | 502622 | 3633476 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1722 | ALL | 502672 | 3633476 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1723 | ALL | 504772 | 3633476 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1724 | ALL | 504822 | 3633476 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1725 | ALL | 504872 | 3633476 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1726 | ALL | 504922 | 3633476 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1727 | ALL | 504972 | 3633476 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1728 | ALL | 505022 | 3633476 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1729 | ALL | 505072 | 3633476 | 2.00E-07 | 28.72YrCa | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1730 | ALL | 505122 | 3633476 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1731 | ALL | 505172 | 3633476 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1732 | ALL | 505222 | 3633476 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1733 | ALL | 502222 | 3633526 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1734 | ALL | 502272 | 3633526 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1735 | ALL | 502322 | 3633526 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1736 | ALL | 502372 | 3633526 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1737 | ALL | 502422 | 3633526 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1738 | ALL | 502472 | 3633526 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1739 | ALL | 502522 | 3633526 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1740 | ALL | 502572 | 3633526 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1741 | ALL | 502622 | 3633526 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1742 | ALL | 502672 | 3633526 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1743 | ALL | 504772 | 3633526 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1744 | ALL | 504822 | 3633526 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1745 | ALL | 504872 | 3633526 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1746 | ALL | 504922 | 3633526 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1747 | ALL | 504972 | 3633526 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1748 | ALL | 505022 | 3633526 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1749 | ALL | 505072 | 3633526 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1750 | ALL | 505122 | 3633526 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1751 | ALL | 505172 | 3633526 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1752 | ALL | 505222 | 3633526 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1753 | ALL | 502222 | 3633576 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1754 | ALL | 502272 | 3633576 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1755 | ALL | 502322 | 3633576 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1756 | ALL | 502372 | 3633576 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1757 | ALL | 502422 | 3633576 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1758 | ALL | 502472 | 3633576 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1759 | ALL | 502522 | 3633576 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1760 | ALL | 502572 | 3633576 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1761 | ALL | 502622 | 3633576 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1762 | ALL | 502672 | 3633576 | 3.24E-07 | 28.72YrCa | 3.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1763 | ALL | 504772 | 3633576 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1764 | ALL | 504822 | 3633576 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1765 | ALL | 504872 | 3633576 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1766 | ALL | 504922 | 3633576 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1767 | ALL | 504972 | 3633576 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1768 | ALL | 505022 | 3633576 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1769 | ALL | 505072 | 3633576 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1770 | ALL | 505122 | 3633576 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1771 | ALL | 505172 | 3633576 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1772 | ALL | 505222 | 3633576 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1773 | ALL | 502222 | 3633626 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1774 | ALL | 502272 | 3633626 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1775 | ALL | 502322 | 3633626 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1776 | ALL | 502372 | 3633626 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1777 | ALL | 502422 | 3633626 | 2.71E-07 | 28.72YrCa | 2.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1778 | ALL | 502472 | 3633626 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1779 | ALL | 502522 | 3633626 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1780 | ALL | 502572 | 3633626 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1781 | ALL | 502622 | 3633626 | 3.16E-07 | 28.72YrCa | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1782 | ALL | 502672 | 3633626 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1783 | ALL | 504772 | 3633626 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1784 | ALL | 504822 | 3633626 | 2.98E-07 | 28.72YrCa | 2.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1785 | ALL | 504872 | 3633626 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1786 | ALL | 504922 | 3633626 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1787 | ALL | 504972 | 3633626 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1788 | ALL | 505022 | 3633626 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1789 | ALL | 505072 | 3633626 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1790 | ALL | 505122 | 3633626 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1791 | ALL | 505172 | 3633626 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1792 | ALL | 505222 | 3633626 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1793 | ALL | 502222 | 3633676 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1794 | ALL | 502272 | 3633676 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1795 | ALL | 502322 | 3633676 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1796 | ALL | 502372 | 3633676 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1797 | ALL | 502422 | 3633676 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1798 | ALL | 502472 | 3633676 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1799 | ALL | 502522 | 3633676 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1800 | ALL | 502572 | 3633676 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1801 | ALL | 502622 | 3633676 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1802 | ALL | 502672 | 3633676 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1803 | ALL | 504772 | 3633676 | 3.24E-07 | 28.72YrCa | 3.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1804 | ALL | 504822 | 3633676 | 3.18E-07 | 28.72YrCa | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1805 | ALL | 504872 | 3633676 | 3.11E-07 | 28.72YrCa | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1806 | ALL | 504922 | 3633676 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1807 | ALL | 504972 | 3633676 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1808 | ALL | 505022 | 3633676 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1809 | ALL | 505072 | 3633676 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1810 | ALL | 505122 | 3633676 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1811 | ALL | 505172 | 3633676 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1812 | ALL | 505222 | 3633676 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1813 | ALL | 502222 | 3633726 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1814 | ALL | 502272 | 3633726 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1815 | ALL | 502322 | 3633726 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1816 | ALL | 502372 | 3633726 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1817 | ALL | 502422 | 3633726 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1818 | ALL | 502472 | 3633726 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1819 | ALL | 502522 | 3633726 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1820 | ALL | 502572 | 3633726 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1821 | ALL | 502622 | 3633726 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1822 | ALL | 502672 | 3633726 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1823 | ALL | 504772 | 3633726 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1824 | ALL | 504822 | 3633726 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1825 | ALL | 504872 | 3633726 | 3.36E-07 | 28.72YrCa | 3.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1826 | ALL | 504922 | 3633726 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1827 | ALL | 504972 | 3633726 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1828 | ALL | 505022 | 3633726 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1829 | ALL | 505072 | 3633726 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1830 | ALL | 505122 | 3633726 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1831 | ALL | 505172 | 3633726 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1832 | ALL | 505222 | 3633726 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1833 | ALL | 502222 | 3633776 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1834 | ALL | 502272 | 3633776 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1835 | ALL | 502322 | 3633776 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1836 | ALL | 502372 | 3633776 | 2.66E-07 | 28.72YrCa | 2.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1837 | ALL | 502422 | 3633776 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1838 | ALL | 502472 | 3633776 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1839 | ALL | 502522 | 3633776 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1840 | ALL | 502572 | 3633776 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1841 | ALL | 502622 | 3633776 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1842 | ALL | 502672 | 3633776 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1843 | ALL | 504772 | 3633776 | 4.07E-07 | 28.72YrCa | 4.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1844 | ALL | 504822 | 3633776 | 3.86E-07 | 28.72YrCa | 3.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1845 | ALL | 504872 | 3633776 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1846 | ALL | 504922 | 3633776 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1847 | ALL | 504972 | 3633776 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1848 | ALL | 505022 | 3633776 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1849 | ALL | 505072 | 3633776 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1850 | ALL | 505122 | 3633776 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1851 | ALL | 505172 | 3633776 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1852 | ALL | 505222 | 3633776 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1853 | ALL | 502222 | 3633826 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1854 | ALL | 502272 | 3633826 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1855 | ALL | 502322 | 3633826 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1856 | ALL | 502372 | 3633826 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1857 | ALL | 502422 | 3633826 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1858 | ALL | 502472 | 3633826 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1859 | ALL | 502522 | 3633826 | 3.07E-07 | 28.72YrCa | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1860 | ALL | 502572 | 3633826 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1861 | ALL | 502622 | 3633826 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1862 | ALL | 502672 | 3633826 | 3.54E-07 | 28.72YrCa | 3.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1863 | ALL | 504772 | 3633826 | 4.40E-07 | 28.72YrCa | 4.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1864 | ALL | 504822 | 3633826 | 4.08E-07 | 28.72YrCa | 4.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1865 | ALL | 504872 | 3633826 | 3.56E-07 | 28.72YrCa | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1866 | ALL | 504922 | 3633826 | 3.24E-07 | 28.72YrCa | 3.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1867 | ALL | 504972 | 3633826 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1868 | ALL | 505022 | 3633826 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1869 | ALL | 505072 | 3633826 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1870 | ALL | 505122 | 3633826 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1871 | ALL | 505172 | 3633826 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1872 | ALL | 505222 | 3633826 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1873 | ALL | 502222 | 3633876 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1874 | ALL | 502272 | 3633876 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1875 | ALL | 502322 | 3633876 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1876 | ALL | 502372 | 3633876 | 2.71E-07 | 28.72YrCa | 2.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1877 | ALL | 502422 | 3633876 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1878 | ALL | 502472 | 3633876 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1879 | ALL | 502522 | 3633876 | 3.11E-07 | 28.72YrCa | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1880 | ALL | 502572 | 3633876 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1881 | ALL | 502622 | 3633876 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1882 | ALL | 502672 | 3633876 | 3.61E-07 | 28.72YrCa | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1883 | ALL | 504772 | 3633876 | 4.60E-07 | 28.72YrCa | 4.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1884 | ALL | 504822 | 3633876 | 4.07E-07 | 28.72YrCa | 4.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1885 | ALL | 504872 | 3633876 | 3.55E-07 | 28.72YrCa | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1886 | ALL | 504922 | 3633876 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1887 | ALL | 504972 | 3633876 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1888 | ALL | 505022 | 3633876 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1889 | ALL | 505072 | 3633876 | 2.70E-07 | 28.72YrCa | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1890 | ALL | 505122 | 3633876 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1891 | ALL | 505172 | 3633876 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1892 | ALL | 505222 | 3633876 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1893 | ALL | 502222 | 3633926 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1894 | ALL | 502272 | 3633926 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1895 | ALL | 502322 | 3633926 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1896 | ALL | 502372 | 3633926 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1897 | ALL | 502422 | 3633926 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1898 | ALL | 502472 | 3633926 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1899 | ALL | 502522 | 3633926 | 3.15E-07 | 28.72YrCa | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1900 | ALL | 502572 | 3633926 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1901 | ALL | 502622 | 3633926 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1902 | ALL | 502672 | 3633926 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1903 | ALL | 504772 | 3633926 | 4.63E-07 | 28.72YrCa | 4.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1904 | ALL | 504822 | 3633926 | 4.10E-07 | 28.72YrCa | 4.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1905 | ALL | 504872 | 3633926 | 3.70E-07 | 28.72YrCa | 3.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1906 | ALL | 504922 | 3633926 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1907 | ALL | 504972 | 3633926 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1908 | ALL | 505022 | 3633926 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1909 | ALL | 505072 | 3633926 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1910 | ALL | 505122 | 3633926 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1911 | ALL | 505172 | 3633926 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1912 | ALL | 505222 | 3633926 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1913 | ALL | 502222 | 3633976 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1914 | ALL | 502272 | 3633976 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1915 | ALL | 502322 | 3633976 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1916 | ALL | 502372 | 3633976 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1917 | ALL | 502422 | 3633976 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1918 | ALL | 502472 | 3633976 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1919 | ALL | 502522 | 3633976 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1920 | ALL | 502572 | 3633976 | 3.36E-07 | 28.72YrCa | 3.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1921 | ALL | 502622 | 3633976 | 3.55E-07 | 28.72YrCa | 3.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1922 | ALL | 502672 | 3633976 | 3.74E-07 | 28.72YrCa | 3.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1923 | ALL | 504772 | 3633976 | 4.55E-07 | 28.72YrCa | 4.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1924 | ALL | 504822 | 3633976 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1925 | ALL | 504872 | 3633976 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1926 | ALL | 504922 | 3633976 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1927 | ALL | 504972 | 3633976 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1928 | ALL | 505022 | 3633976 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1929 | ALL | 505072 | 3633976 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1930 | ALL | 505122 | 3633976 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1931 | ALL | 505172 | 3633976 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1932 | ALL | 505222 | 3633976 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1933 | ALL | 502222 | 3634026 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1934 | ALL | 502272 | 3634026 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1935 | ALL | 502322 | 3634026 | 2.66E-07 | 28.72YrCa | 2.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1936 | ALL | 502372 | 3634026 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1937 | ALL | 502422 | 3634026 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1938 | ALL | 502472 | 3634026 | 3.07E-07 | 28.72YrCa | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1939 | ALL | 502522 | 3634026 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1940 | ALL | 502572 | 3634026 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1941 | ALL | 502622 | 3634026 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1942 | ALL | 502672 | 3634026 | 3.81E-07 | 28.72YrCa | 3.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1943 | ALL | 504772 | 3634026 | 4.49E-07 | 28.72YrCa | 4.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1944 | ALL | 504822 | 3634026 | 4.22E-07 | 28.72YrCa | 4.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1945 | ALL | 504872 | 3634026 | 3.76E-07 | 28.72YrCa | 3.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1946 | ALL | 504922 | 3634026 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1947 | ALL | 504972 | 3634026 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1948 | ALL | 505022 | 3634026 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1949 | ALL | 505072 | 3634026 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1950 | ALL | 505122 | 3634026 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1951 | ALL | 505172 | 3634026 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1952 | ALL | 505222 | 3634026 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1953 | ALL | 502222 | 3634076 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1954 | ALL | 502272 | 3634076 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1955 | ALL | 502322 | 3634076 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1956 | ALL | 502372 | 3634076 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1957 | ALL | 502422 | 3634076 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1958 | ALL | 502472 | 3634076 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1959 | ALL | 502522 | 3634076 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1960 | ALL | 502572 | 3634076 | 3.46E-07 | 28.72YrCa | 3.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1961 | ALL | 502622 | 3634076 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1962 | ALL | 502672 | 3634076 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1963 | ALL | 504772 | 3634076 | 4.46E-07 | 28.72YrCa | 4.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1964 | ALL | 504822 | 3634076 | 4.08E-07 | 28.72YrCa | 4.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1965 | ALL | 504872 | 3634076 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1966 | ALL | 504922 | 3634076 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1967 | ALL | 504972 | 3634076 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1968 | ALL | 505022 | 3634076 | 2.70E-07 | 28.72YrCa | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1969 | ALL | 505072 | 3634076 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1970 | ALL | 505122 | 3634076 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1971 | ALL | 505172 | 3634076 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1972 | ALL | 505222 | 3634076 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1973 | ALL | 502222 | 3634126 | 2.46E-07 | 28.72YrCa | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1974 | ALL | 502272 | 3634126 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1975 | ALL | 502322 | 3634126 | 2.70E-07 | 28.72YrCa | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1976 | ALL | 502372 | 3634126 | 2.83E-07 | 28.72YrCa | 2.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1977 | ALL | 502422 | 3634126 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1978 | ALL | 502472 | 3634126 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | ALL | 502522 | 3634126 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1980 | ALL | 502572 | 3634126 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1981 | ALL | 502622 | 3634126 | 3.71E-07 | 28.72YrCa | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1982 | ALL | 502672 | 3634126 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1983 | ALL | 504772 | 3634126 | 4.11E-07 | 28.72YrCa | 4.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1984 | ALL | 504822 | 3634126 | 3.78E-07 | 28.72YrCa | 3.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1985 | ALL | 504872 | 3634126 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1986 | ALL | 504922 | 3634126 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1987 | ALL | 504972 | 3634126 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1988 | ALL | 505022 | 3634126 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1989 | ALL | 505072 | 3634126 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1990 | ALL | 505122 | 3634126 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1991 | ALL | 505172 | 3634126 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1992 | ALL | 505222 | 3634126 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1993 | ALL | 502222 | 3634176 | 2.46E-07 | 28.72YrCa | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1994 | ALL | 502272 | 3634176 | 2.58E-07 | 28.72YrCa | 2.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1995 | ALL | 502322 | 3634176 | 2.70E-07 | 28.72YrCa | 2.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1996 | ALL | 502372 | 3634176 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1997 | ALL | 502422 | 3634176 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1998 | ALL | 502472 | 3634176 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 1999 | ALL | 502522 | 3634176 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2000 | ALL | 502572 | 3634176 | 3.53E-07 | 28.72YrCa | 3.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2001 | ALL | 502622 | 3634176 | 3.75E-07 | 28.72YrCa | 3.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2002 | ALL | 502672 | 3634176 | 3.99E-07 | 28.72YrCa | 3.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2003 | ALL | 504772 | 3634176 | 3.79E-07 | 28.72YrCa | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2004 | ALL | 504822 | 3634176 | 3.48E-07 | 28.72YrCa | 3.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2005 | ALL | 504872 | 3634176 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2006 | ALL | 504922 | 3634176 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2007 | ALL | 504972 | 3634176 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2008 | ALL | 505022 | 3634176 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2009 | ALL | 505072 | 3634176 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2010 | ALL | 505122 | 3634176 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2011 | ALL | 505172 | 3634176 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2012 | ALL | 505222 | 3634176 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2013 | ALL | 502222 | 3634226 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2014 | ALL | 502272 | 3634226 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2015 | ALL | 502322 | 3634226 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2016 | ALL | 502372 | 3634226 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2017 | ALL | 502422 | 3634226 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2018 | ALL | 502472 | 3634226 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2019 | ALL | 502522 | 3634226 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2020 | ALL | 502572 | 3634226 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2021 | ALL | 502622 | 3634226 | 3.79E-07 | 28.72YrCa | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2022 | ALL | 502672 | 3634226 | 4.04E-07 | 28.72YrCa | 4.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2023 | ALL | 504772 | 3634226 | 3.59E-07 | 28.72YrCa | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2024 | ALL | 504822 | 3634226 | 3.29E-07 | 28.72YrCa | 3.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2025 | ALL | 504872 | 3634226 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2026 | ALL | 504922 | 3634226 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2027 | ALL | 504972 | 3634226 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2028 | ALL | 505022 | 3634226 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2029 | ALL | 505072 | 3634226 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2030 | ALL | 505122 | 3634226 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2031 | ALL | 505172 | 3634226 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2032 | ALL | 505222 | 3634226 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2033 | ALL | 502222 | 3634276 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2034 | ALL | 502272 | 3634276 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2035 | ALL | 502322 | 3634276 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2036 | ALL | 502372 | 3634276 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2037 | ALL | 502422 | 3634276 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2038 | ALL | 502472 | 3634276 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2039 | ALL | 502522 | 3634276 | 3.40E-07 | 28.72YrCa | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2040 | ALL | 502572 | 3634276 | 3.61E-07 | 28.72YrCa | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2041 | ALL | 502622 | 3634276 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2042 | ALL | 502672 | 3634276 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2043 | ALL | 504772 | 3634276 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2044 | ALL | 504822 | 3634276 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2045 | ALL | 504872 | 3634276 | 2.98E-07 | 28.72YrCa | 2.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2046 | ALL | 504922 | 3634276 | 2.83E-07 | 28.72YrCa | 2.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2047 | ALL | 504972 | 3634276 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2048 | ALL | 505022 | 3634276 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2049 | ALL | 505072 | 3634276 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2050 | ALL | 505122 | 3634276 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2051 | ALL | 505172 | 3634276 | 2.18E-07 | 28.72YrCa | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2052 | ALL | 505222 | 3634276 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2053 | ALL | 502222 | 3634326 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2054 | ALL | 502272 | 3634326 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2055 | ALL | 502322 | 3634326 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2056 | ALL | 502372 | 3634326 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2057 | ALL | 502422 | 3634326 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2058 | ALL | 502472 | 3634326 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2059 | ALL | 502522 | 3634326 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2060 | ALL | 502572 | 3634326 | 3.61E-07 | 28.72YrCa | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2061 | ALL | 502622 | 3634326 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2062 | ALL | 502672 | 3634326 | 4.10E-07 | 28.72YrCa | 4.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2063 | ALL | 504772 | 3634326 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2064 | ALL | 504822 | 3634326 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2065 | ALL | 504872 | 3634326 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2066 | ALL | 504922 | 3634326 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2067 | ALL | 504972 | 3634326 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2068 | ALL | 505022 | 3634326 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2069 | ALL | 505072 | 3634326 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2070 | ALL | 505122 | 3634326 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2071 | ALL | 505172 | 3634326 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2072 | ALL | 505222 | 3634326 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2073 | ALL | 502222 | 3634376 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2074 | ALL | 502272 | 3634376 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2075 | ALL | 502322 | 3634376 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2076 | ALL | 502372 | 3634376 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2077 | ALL | 502422 | 3634376 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2078 | ALL | 502472 | 3634376 | 3.24E-07 | 28.72YrCa | 3.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2079 | ALL | 502522 | 3634376 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2080 | ALL | 502572 | 3634376 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2081 | ALL | 502622 | 3634376 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2082 | ALL | 502672 | 3634376 | 4.13E-07 | 28.72YrCa | 4.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2083 | ALL | 504772 | 3634376 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2084 | ALL | 504822 | 3634376 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2085 | ALL | 504872 | 3634376 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2086 | ALL | 504922 | 3634376 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2087 | ALL | 504972 | 3634376 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2088 | ALL | 505022 | 3634376 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2089 | ALL | 505072 | 3634376 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2090 | ALL | 505122 | 3634376 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2091 | ALL | 505172 | 3634376 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2092 | ALL | 505222 | 3634376 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2093 | ALL | 502222 | 3634426 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2094 | ALL | 502272 | 3634426 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2095 | ALL | 502322 | 3634426 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2096 | ALL | 502372 | 3634426 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2097 | ALL | 502422 | 3634426 | 3.09E-07 | 28.72YrCa | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2098 | ALL | 502472 | 3634426 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2099 | ALL | 502522 | 3634426 | 3.46E-07 | 28.72YrCa | 3.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2100 | ALL | 502572 | 3634426 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2101 | ALL | 502622 | 3634426 | 3.92E-07 | 28.72YrCa | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2102 | ALL | 502672 | 3634426 | 4.18E-07 | 28.72YrCa | 4.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2103 | ALL | 504772 | 3634426 | 3.51E-07 | 28.72YrCa | 3.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2104 | ALL | 504822 | 3634426 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2105 | ALL | 504872 | 3634426 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2106 | ALL | 504922 | 3634426 | 3.38E-07 | 28.72YrCa | 3.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2107 | ALL | 504972 | 3634426 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2108 | ALL | 505022 | 3634426 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2109 | ALL | 505072 | 3634426 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2110 | ALL | 505122 | 3634426 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2111 | ALL | 505172 | 3634426 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2112 | ALL | 505222 | 3634426 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2113 | ALL | 502222 | 3634476 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2114 | ALL | 502272 | 3634476 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2115 | ALL | 502322 | 3634476 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2116 | ALL | 502372 | 3634476 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2117 | ALL | 502422 | 3634476 | 3.09E-07 | 28.72YrCa | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2118 | ALL | 502472 | 3634476 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2119 | ALL | 502522 | 3634476 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2120 | ALL | 502572 | 3634476 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2121 | ALL | 502622 | 3634476 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2122 | ALL | 502672 | 3634476 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2123 | ALL | 504772 | 3634476 | 3.61E-07 | 28.72YrCa | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2124 | ALL | 504822 | 3634476 | 3.42E-07 | 28.72YrCa | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2125 | ALL | 504872 | 3634476 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2126 | ALL | 504922 | 3634476 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2127 | ALL | 504972 | 3634476 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2128 | ALL | 505022 | 3634476 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2129 | ALL | 505072 | 3634476 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2130 | ALL | 505122 | 3634476 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2131 | ALL | 505172 | 3634476 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2132 | ALL | 505222 | 3634476 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2133 | ALL | 502222 | 3634526 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2134 | ALL | 502272 | 3634526 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2135 | ALL | 502322 | 3634526 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2136 | ALL | 502372 | 3634526 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2137 | ALL | 502422 | 3634526 | 3.09E-07 | 28.72YrCa | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2138 | ALL | 502472 | 3634526 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2139 | ALL | 502522 | 3634526 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2140 | ALL | 502572 | 3634526 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2141 | ALL | 502622 | 3634526 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2142 | ALL | 502672 | 3634526 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2143 | ALL | 504772 | 3634526 | 3.92E-07 | 28.72YrCa | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2144 | ALL | 504822 | 3634526 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2145 | ALL | 504872 | 3634526 | 3.61E-07 | 28.72YrCa | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2146 | ALL | 504922 | 3634526 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2147 | ALL | 504972 | 3634526 | 3.83E-07 | 28.72YrCa | 3.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2148 | ALL | 505022 | 3634526 | 3.52E-07 | 28.72YrCa | 3.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2149 | ALL | 505072 | 3634526 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2150 | ALL | 505122 | 3634526 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2151 | ALL | 505172 | 3634526 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2152 | ALL | 505222 | 3634526 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2153 | ALL | 502222 | 3634576 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2154 | ALL | 502272 | 3634576 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2155 | ALL | 502322 | 3634576 | 2.77E-07 | 28.72YrCa | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2156 | ALL | 502372 | 3634576 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2157 | ALL | 502422 | 3634576 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2158 | ALL | 502472 | 3634576 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2159 | ALL | 502522 | 3634576 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2160 | ALL | 502572 | 3634576 | 3.67E-07 | 28.72YrCa | 3.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2161 | ALL | 502622 | 3634576 | 3.91E-07 | 28.72YrCa | 3.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2162 | ALL | 502672 | 3634576 | 4.19E-07 | 28.72YrCa | 4.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2163 | ALL | 504772 | 3634576 | 4.58E-07 | 28.72YrCa | 4.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2164 | ALL | 504822 | 3634576 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2165 | ALL | 504872 | 3634576 | 4.21E-07 | 28.72YrCa | 4.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2166 | ALL | 504922 | 3634576 | 4.39E-07 | 28.72YrCa | 4.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2167 | ALL | 504972 | 3634576 | 4.09E-07 | 28.72YrCa | 4.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2168 | ALL | 505022 | 3634576 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2169 | ALL | 505072 | 3634576 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2170 | ALL | 505122 | 3634576 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2171 | ALL | 505172 | 3634576 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2172 | ALL | 505222 | 3634576 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2173 | ALL | 502222 | 3634626 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2174 | ALL | 502272 | 3634626 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2175 | ALL | 502322 | 3634626 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2176 | ALL | 502372 | 3634626 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2177 | ALL | 502422 | 3634626 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2178 | ALL | 502472 | 3634626 | 3.24E-07 | 28.72YrCa | 3.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2179 | ALL | 502522 | 3634626 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2180 | ALL | 502572 | 3634626 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2181 | ALL | 502622 | 3634626 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2182 | ALL | 502672 | 3634626 | 4.15E-07 | 28.72YrCa | 4.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2183 | ALL | 504772 | 3634626 | 5.46E-07 | 28.72YrCa | 5.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2184 | ALL | 504822 | 3634626 | 5.29E-07 | 28.72YrCa | 5.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2185 | ALL | 504872 | 3634626 | 4.92E-07 | 28.72YrCa | 4.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2186 | ALL | 504922 | 3634626 | 4.57E-07 | 28.72YrCa | 4.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2187 | ALL | 504972 | 3634626 | 4.13E-07 | 28.72YrCa | 4.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2188 | ALL | 505022 | 3634626 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2189 | ALL | 505072 | 3634626 | 3.29E-07 | 28.72YrCa | 3.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2190 | ALL | 505122 | 3634626 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2191 | ALL | 505172 | 3634626 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2192 | ALL | 505222 | 3634626 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2193 | ALL | 502222 | 3634676 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2194 | ALL | 502272 | 3634676 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2195 | ALL | 502322 | 3634676 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2196 | ALL | 502372 | 3634676 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2197 | ALL | 502422 | 3634676 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2198 | ALL | 502472 | 3634676 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2199 | ALL | 502522 | 3634676 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2200 | ALL | 502572 | 3634676 | 3.62E-07 | 28.72YrCa | 3.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2201 | ALL | 502622 | 3634676 | 3.85E-07 | 28.72YrCa | 3.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2202 | ALL | 502672 | 3634676 | 4.11E-07 | 28.72YrCa | 4.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2203 | ALL | 504772 | 3634676 | 5.77E-07 | 28.72YrCa | 5.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2204 | ALL | 504822 | 3634676 | 5.35E-07 | 28.72YrCa | 5.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2205 | ALL | 504872 | 3634676 | 4.88E-07 | 28.72YrCa | 4.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2206 | ALL | 504922 | 3634676 | 4.55E-07 | 28.72YrCa | 4.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2207 | ALL | 504972 | 3634676 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2208 | ALL | 505022 | 3634676 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2209 | ALL | 505072 | 3634676 | 3.19E-07 | 28.72YrCa | 3.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2210 | ALL | 505122 | 3634676 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2211 | ALL | 505172 | 3634676 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2212 | ALL | 505222 | 3634676 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2213 | ALL | 502222 | 3634726 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2214 | ALL | 502272 | 3634726 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2215 | ALL | 502322 | 3634726 | 2.71E-07 | 28.72YrCa | 2.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2216 | ALL | 502372 | 3634726 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2217 | ALL | 502422 | 3634726 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2218 | ALL | 502472 | 3634726 | 3.18E-07 | 28.72YrCa | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2219 | ALL | 502522 | 3634726 | 3.36E-07 | 28.72YrCa | 3.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2220 | ALL | 502572 | 3634726 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2221 | ALL | 502622 | 3634726 | 3.79E-07 | 28.72YrCa | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2222 | ALL | 502672 | 3634726 | 4.05E-07 | 28.72YrCa | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2223 | ALL | 504772 | 3634726 | 5.63E-07 | 28.72YrCa | 5.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2224 | ALL | 504822 | 3634726 | 5.25E-07 | 28.72YrCa | 5.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2225 | ALL | 504872 | 3634726 | 4.89E-07 | 28.72YrCa | 4.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2226 | ALL | 504922 | 3634726 | 4.48E-07 | 28.72YrCa | 4.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2227 | ALL | 504972 | 3634726 | 4.04E-07 | 28.72YrCa | 4.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2228 | ALL | 505022 | 3634726 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2229 | ALL | 505072 | 3634726 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2230 | ALL | 505122 | 3634726 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2231 | ALL | 505172 | 3634726 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2232 | ALL | 505222 | 3634726 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2233 | ALL | 502222 | 3634776 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2234 | ALL | 502272 | 3634776 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2235 | ALL | 502322 | 3634776 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2236 | ALL | 502372 | 3634776 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2237 | ALL | 502422 | 3634776 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2238 | ALL | 502472 | 3634776 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2239 | ALL | 502522 | 3634776 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2240 | ALL | 502572 | 3634776 | 3.51E-07 | 28.72YrCa | 3.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2241 | ALL | 502622 | 3634776 | 3.73E-07 | 28.72YrCa | 3.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2242 | ALL | 502672 | 3634776 | 3.97E-07 | 28.72YrCa | 3.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2243 | ALL | 504772 | 3634776 | 5.49E-07 | 28.72YrCa | 5.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2244 | ALL | 504822 | 3634776 | 5.12E-07 | 28.72YrCa | 5.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2245 | ALL | 504872 | 3634776 | 4.78E-07 | 28.72YrCa | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2246 | ALL | 504922 | 3634776 | 4.31E-07 | 28.72YrCa | 4.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2247 | ALL | 504972 | 3634776 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2248 | ALL | 505022 | 3634776 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2249 | ALL | 505072 | 3634776 | 2.94E-07 | 28.72YrCa | 2.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2250 | ALL | 505122 | 3634776 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2251 | ALL | 505172 | 3634776 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2252 | ALL | 505222 | 3634776 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2253 | ALL | 502222 | 3634826 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2254 | ALL | 502272 | 3634826 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2255 | ALL | 502322 | 3634826 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2256 | ALL | 502372 | 3634826 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2257 | ALL | 502422 | 3634826 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2258 | ALL | 502472 | 3634826 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2259 | ALL | 502522 | 3634826 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2260 | ALL | 502572 | 3634826 | 3.44E-07 | 28.72YrCa | 3.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2261 | ALL | 502622 | 3634826 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2262 | ALL | 502672 | 3634826 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2263 | ALL | 504772 | 3634826 | 5.37E-07 | 28.72YrCa | 5.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2264 | ALL | 504822 | 3634826 | 5.00E-07 | 28.72YrCa | 5.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2265 | ALL | 504872 | 3634826 | 4.60E-07 | 28.72YrCa | 4.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2266 | ALL | 504922 | 3634826 | 4.00E-07 | 28.72YrCa | 4.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2267 | ALL | 504972 | 3634826 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2268 | ALL | 505022 | 3634826 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2269 | ALL | 505072 | 3634826 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2270 | ALL | 505122 | 3634826 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2271 | ALL | 505172 | 3634826 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2272 | ALL | 505222 | 3634826 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2273 | ALL | 502222 | 3634876 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2274 | ALL | 502272 | 3634876 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2275 | ALL | 502322 | 3634876 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2276 | ALL | 502372 | 3634876 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2277 | ALL | 502422 | 3634876 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2278 | ALL | 502472 | 3634876 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2279 | ALL | 502522 | 3634876 | 3.19E-07 | 28.72YrCa | 3.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2280 | ALL | 502572 | 3634876 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2281 | ALL | 502622 | 3634876 | 3.56E-07 | 28.72YrCa | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2282 | ALL | 502672 | 3634876 | 3.78E-07 | 28.72YrCa | 3.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2283 | ALL | 504772 | 3634876 | 5.27E-07 | 28.72YrCa | 5.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2284 | ALL | 504822 | 3634876 | 4.87E-07 | 28.72YrCa | 4.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2285 | ALL | 504872 | 3634876 | 4.50E-07 | 28.72YrCa | 4.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2286 | ALL | 504922 | 3634876 | 3.76E-07 | 28.72YrCa | 3.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2287 | ALL | 504972 | 3634876 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2288 | ALL | 505022 | 3634876 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2289 | ALL | 505072 | 3634876 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2290 | ALL | 505122 | 3634876 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2291 | ALL | 505172 | 3634876 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2292 | ALL | 505222 | 3634876 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2293 | ALL | 502222 | 3634926 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2294 | ALL | 502272 | 3634926 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2295 | ALL | 502322 | 3634926 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2296 | ALL | 502372 | 3634926 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2297 | ALL | 502422 | 3634926 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2298 | ALL | 502472 | 3634926 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2299 | ALL | 502522 | 3634926 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2300 | ALL | 502572 | 3634926 | 3.28E-07 | 28.72YrCa | 3.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2301 | ALL | 502622 | 3634926 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2302 | ALL | 502672 | 3634926 | 3.67E-07 | 28.72YrCa | 3.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2303 | ALL | 504772 | 3634926 | 5.23E-07 | 28.72YrCa | 5.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2304 | ALL | 504822 | 3634926 | 4.78E-07 | 28.72YrCa | 4.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2305 | ALL | 504872 | 3634926 | 4.44E-07 | 28.72YrCa | 4.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2306 | ALL | 504922 | 3634926 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2307 | ALL | 504972 | 3634926 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2308 | ALL | 505022 | 3634926 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2309 | ALL | 505072 | 3634926 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2310 | ALL | 505122 | 3634926 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2311 | ALL | 505172 | 3634926 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2312 | ALL | 505222 | 3634926 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2313 | ALL | 502222 | 3634976 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2314 | ALL | 502272 | 3634976 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2315 | ALL | 502322 | 3634976 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2316 | ALL | 502372 | 3634976 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2317 | ALL | 502422 | 3634976 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2318 | ALL | 502472 | 3634976 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2319 | ALL | 502522 | 3634976 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2320 | ALL | 502572 | 3634976 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2321 | ALL | 502622 | 3634976 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2322 | ALL | 502672 | 3634976 | 3.56E-07 | 28.72YrCa | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2323 | ALL | 504822 | 3634976 | 4.74E-07 | 28.72YrCa | 4.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2324 | ALL | 504872 | 3634976 | 4.38E-07 | 28.72YrCa | 4.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2325 | ALL | 504922 | 3634976 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2326 | ALL | 504972 | 3634976 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2327 | ALL | 505022 | 3634976 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2328 | ALL | 505072 | 3634976 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2329 | ALL | 505122 | 3634976 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2330 | ALL | 505172 | 3634976 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2331 | ALL | 505222 | 3634976 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2332 | ALL | 502222 | 3635026 | 2.26E-07 | 28.72YrCa | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2333 | ALL | 502272 | 3635026 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2334 | ALL | 502322 | 3635026 | 2.46E-07 | 28.72YrCa | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2335 | ALL | 502372 | 3635026 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2336 | ALL | 502422 | 3635026 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2337 | ALL | 502472 | 3635026 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2338 | ALL | 502522 | 3635026 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2339 | ALL | 502572 | 3635026 | 3.11E-07 | 28.72YrCa | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2340 | ALL | 502622 | 3635026 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2341 | ALL | 502672 | 3635026 | 3.45E-07 | 28.72YrCa | 3.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2342 | ALL | 504872 | 3635026 | 4.37E-07 | 28.72YrCa | 4.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2343 | ALL | 504922 | 3635026 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2344 | ALL | 504972 | 3635026 | 3.16E-07 | 28.72YrCa | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2345 | ALL | 505022 | 3635026 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2346 | ALL | 505072 | 3635026 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2347 | ALL | 505122 | 3635026 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2348 | ALL | 505172 | 3635026 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2349 | ALL | 505222 | 3635026 | 2.15E-07 | 28.72YrCa | 2.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2350 | ALL | 502222 | 3635076 | 2.22E-07 | 28.72YrCa | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2351 | ALL | 502272 | 3635076 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2352 | ALL | 502322 | 3635076 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2353 | ALL | 502372 | 3635076 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2354 | ALL | 502422 | 3635076 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2355 | ALL | 502472 | 3635076 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2356 | ALL | 502522 | 3635076 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2357 | ALL | 502572 | 3635076 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2358 | ALL | 502622 | 3635076 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2359 | ALL | 502672 | 3635076 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2360 | ALL | 504922 | 3635076 | 4.07E-07 | 28.72YrCa | 4.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2361 | ALL | 504972 | 3635076 | 3.59E-07 | 28.72YrCa | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2362 | ALL | 505022 | 3635076 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2363 | ALL | 505072 | 3635076 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2364 | ALL | 505122 | 3635076 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2365 | ALL | 505172 | 3635076 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2366 | ALL | 505222 | 3635076 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2367 | ALL | 502222 | 3635126 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2368 | ALL | 502272 | 3635126 | 2.26E-07 | 28.72YrCa | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2369 | ALL | 502322 | 3635126 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2370 | ALL | 502372 | 3635126 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2371 | ALL | 502422 | 3635126 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2372 | ALL | 502472 | 3635126 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2373 | ALL | 502522 | 3635126 | 2.80E-07 | 28.72YrCa | 2.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2374 | ALL | 502572 | 3635126 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2375 | ALL | 502622 | 3635126 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2376 | ALL | 502672 | 3635126 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2377 | ALL | 505022 | 3635126 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2378 | ALL | 505072 | 3635126 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2379 | ALL | 505122 | 3635126 | 3.07E-07 | 28.72YrCa | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2380 | ALL | 505172 | 3635126 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2381 | ALL | 505222 | 3635126 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2382 | ALL | 502222 | 3635176 | 2.12E-07 | 28.72YrCa | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2383 | ALL | 502272 | 3635176 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2384 | ALL | 502322 | 3635176 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2385 | ALL | 502372 | 3635176 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2386 | ALL | 502422 | 3635176 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2387 | ALL | 502472 | 3635176 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2388 | ALL | 502522 | 3635176 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2389 | ALL | 502572 | 3635176 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2390 | ALL | 502622 | 3635176 | 2.98E-07 | 28.72YrCa | 2.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2391 | ALL | 502672 | 3635176 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2392 | ALL | 505122 | 3635176 | 3.28E-07 | 28.72YrCa | 3.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2393 | ALL | 505172 | 3635176 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2394 | ALL | 505222 | 3635176 | 2.98E-07 | 28.72YrCa | 2.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2395 | ALL | 502222 | 3635226 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2396 | ALL | 502272 | 3635226 | 2.15E-07 | 28.72YrCa | 2.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2397 | ALL | 502322 | 3635226 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2398 | ALL | 502372 | 3635226 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2399 | ALL | 502422 | 3635226 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2400 | ALL | 502472 | 3635226 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2401 | ALL | 502522 | 3635226 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2402 | ALL | 502572 | 3635226 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2403 | ALL | 502622 | 3635226 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2404 | ALL | 502672 | 3635226 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2405 | ALL | 502222 | 3635276 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2406 | ALL | 502272 | 3635276 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2407 | ALL | 502322 | 3635276 | 2.18E-07 | 28.72YrCa | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2408 | ALL | 502372 | 3635276 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2409 | ALL | 502422 | 3635276 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2410 | ALL | 502472 | 3635276 | 2.46E-07 | 28.72YrCa | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2411 | ALL | 502522 | 3635276 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2412 | ALL | 502572 | 3635276 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2413 | ALL | 502622 | 3635276 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2414 | ALL | 502672 | 3635276 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2415 | ALL | 502222 | 3635326 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2416 | ALL | 502272 | 3635326 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2417 | ALL | 502322 | 3635326 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2418 | ALL | 502372 | 3635326 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2419 | ALL | 502422 | 3635326 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2420 | ALL | 502472 | 3635326 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2421 | ALL | 502522 | 3635326 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2422 | ALL | 502572 | 3635326 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2423 | ALL | 502622 | 3635326 | 2.71E-07 | 28.72YrCa | 2.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2424 | ALL | 502672 | 3635326 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2425 | ALL | 502222 | 3635376 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2426 | ALL | 502272 | 3635376 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2427 | ALL | 502322 | 3635376 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2428 | ALL | 502372 | 3635376 | 2.18E-07 | 28.72YrCa | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2429 | ALL | 502422 | 3635376 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2430 | ALL | 502472 | 3635376 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2431 | ALL | 502522 | 3635376 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2432 | ALL | 502572 | 3635376 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2433 | ALL | 502622 | 3635376 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2434 | ALL | 502672 | 3635376 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2435 | ALL | 502222 | 3635426 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2436 | ALL | 502272 | 3635426 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2437 | ALL | 502322 | 3635426 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2438 | ALL | 502372 | 3635426 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2439 | ALL | 502422 | 3635426 | 2.18E-07 | 28.72YrCa | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2440 | ALL | 502472 | 3635426 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2441 | ALL | 502522 | 3635426 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2442 | ALL | 502572 | 3635426 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2443 | ALL | 502622 | 3635426 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2444 | ALL | 502672 | 3635426 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2445 | ALL | 504772 | 3635426 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2446 | ALL | 502222 | 3635476 | 1.86E-07 | 28.72YrCa | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2447 | ALL | 502272 | 3635476 | 1.92E-07 | 28.72YrCa | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2448 | ALL | 502322 | 3635476 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2449 | ALL | 502372 | 3635476 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2450 | ALL | 502422 | 3635476 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2451 | ALL | 502472 | 3635476 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2452 | ALL | 502522 | 3635476 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2453 | ALL | 502572 | 3635476 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2454 | ALL | 502622 | 3635476 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2455 | ALL | 502672 | 3635476 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2456 | ALL | 504772 | 3635476 | 3.18E-07 | 28.72YrCa | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2457 | ALL | 504822 | 3635476 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2458 | ALL | 504872 | 3635476 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2459 | ALL | 504922 | 3635476 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2460 | ALL | 502222 | 3635526 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2461 | ALL | 502272 | 3635526 | 1.86E-07 | 28.72YrCa | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2462 | ALL | 502322 | 3635526 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2463 | ALL | 502372 | 3635526 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2464 | ALL | 502422 | 3635526 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2465 | ALL | 502472 | 3635526 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2466 | ALL | 502522 | 3635526 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2467 | ALL | 502572 | 3635526 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2468 | ALL | 502622 | 3635526 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2469 | ALL | 502672 | 3635526 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2470 | ALL | 502722 | 3635526 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2471 | ALL | 502772 | 3635526 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2472 | ALL | 502822 | 3635526 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2473 | ALL | 502872 | 3635526 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2474 | ALL | 502922 | 3635526 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2475 | ALL | 502972 | 3635526 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2476 | ALL | 503022 | 3635526 | 3.11E-07 | 28.72YrCa | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2477 | ALL | 503072 | 3635526 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2478 | ALL | 503122 | 3635526 | 3.38E-07 | 28.72YrCa | 3.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2479 | ALL | 503172 | 3635526 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2480 | ALL | 503222 | 3635526 | 3.56E-07 | 28.72YrCa | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2481 | ALL | 503272 | 3635526 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2482 | ALL | 503322 | 3635526 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2483 | ALL | 503372 | 3635526 | 3.89E-07 | 28.72YrCa | 3.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2484 | ALL | 503422 | 3635526 | 4.00E-07 | 28.72YrCa | 4.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2485 | ALL | 503472 | 3635526 | 4.13E-07 | 28.72YrCa | 4.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2486 | ALL | 503522 | 3635526 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2487 | ALL | 503572 | 3635526 | 4.30E-07 | 28.72YrCa | 4.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2488 | ALL | 503622 | 3635526 | 4.33E-07 | 28.72YrCa | 4.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2489 | ALL | 503672 | 3635526 | 4.38E-07 | 28.72YrCa | 4.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2490 | ALL | 503722 | 3635526 | 4.43E-07 | 28.72YrCa | 4.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2491 | ALL | 503772 | 3635526 | 4.49E-07 | 28.72YrCa | 4.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2492 | ALL | 503822 | 3635526 | 4.54E-07 | 28.72YrCa | 4.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2493 | ALL | 503872 | 3635526 | 4.55E-07 | 28.72YrCa | 4.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2494 | ALL | 503922 | 3635526 | 4.63E-07 | 28.72YrCa | 4.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2495 | ALL | 503972 | 3635526 | 4.69E-07 | 28.72YrCa | 4.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2496 | ALL | 504022 | 3635526 | 4.58E-07 | 28.72YrCa | 4.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2497 | ALL | 504072 | 3635526 | 4.41E-07 | 28.72YrCa | 4.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2498 | ALL | 504122 | 3635526 | 4.26E-07 | 28.72YrCa | 4.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2499 | ALL | 504172 | 3635526 | 4.25E-07 | 28.72YrCa | 4.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2500 | ALL | 504222 | 3635526 | 4.10E-07 | 28.72YrCa | 4.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2501 | ALL | 504272 | 3635526 | 4.01E-07 | 28.72YrCa | 4.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2502 | ALL | 504322 | 3635526 | 3.91E-07 | 28.72YrCa | 3.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2503 | ALL | 504372 | 3635526 | 3.81E-07 | 28.72YrCa | 3.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2504 | ALL | 504422 | 3635526 | 3.71E-07 | 28.72YrCa | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2505 | ALL | 504472 | 3635526 | 3.60E-07 | 28.72YrCa | 3.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2506 | ALL | 504522 | 3635526 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2507 | ALL | 504572 | 3635526 | 3.42E-07 | 28.72YrCa | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2508 | ALL | 504622 | 3635526 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2509 | ALL | 504672 | 3635526 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2510 | ALL | 504722 | 3635526 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2511 | ALL | 504772 | 3635526 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2512 | ALL | 504822 | 3635526 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2513 | ALL | 504872 | 3635526 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2514 | ALL | 504922 | 3635526 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2515 | ALL | 504972 | 3635526 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2516 | ALL | 505022 | 3635526 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2517 | ALL | 505072 | 3635526 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2518 | ALL | 505122 | 3635526 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2519 | ALL | 505172 | 3635526 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2520 | ALL | 505222 | 3635526 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2521 | ALL | 502222 | 3635576 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2522 | ALL | 502272 | 3635576 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2523 | ALL | 502322 | 3635576 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2524 | ALL | 502372 | 3635576 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2525 | ALL | 502422 | 3635576 | 1.96E-07 | 28.72YrCa | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2526 | ALL | 502472 | 3635576 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2527 | ALL | 502522 | 3635576 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2528 | ALL | 502572 | 3635576 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2529 | ALL | 502622 | 3635576 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2530 | ALL | 502672 | 3635576 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2531 | ALL | 502722 | 3635576 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2532 | ALL | 502772 | 3635576 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2533 | ALL | 502822 | 3635576 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2534 | ALL | 502872 | 3635576 | 2.66E-07 | 28.72YrCa | 2.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2535 | ALL | 502922 | 3635576 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2536 | ALL | 502972 | 3635576 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2537 | ALL | 503022 | 3635576 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2538 | ALL | 503072 | 3635576 | 3.07E-07 | 28.72YrCa | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2539 | ALL | 503122 | 3635576 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2540 | ALL | 503172 | 3635576 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2541 | ALL | 503222 | 3635576 | 3.36E-07 | 28.72YrCa | 3.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2542 | ALL | 503272 | 3635576 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2543 | ALL | 503322 | 3635576 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2544 | ALL | 503372 | 3635576 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2545 | ALL | 503422 | 3635576 | 3.79E-07 | 28.72YrCa | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2546 | ALL | 503472 | 3635576 | 3.92E-07 | 28.72YrCa | 3.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2547 | ALL | 503522 | 3635576 | 4.02E-07 | 28.72YrCa | 4.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2548 | ALL | 503572 | 3635576 | 4.07E-07 | 28.72YrCa | 4.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2549 | ALL | 503622 | 3635576 | 4.06E-07 | 28.72YrCa | 4.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2550 | ALL | 503672 | 3635576 | 4.10E-07 | 28.72YrCa | 4.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2551 | ALL | 503722 | 3635576 | 4.14E-07 | 28.72YrCa | 4.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2552 | ALL | 503772 | 3635576 | 4.17E-07 | 28.72YrCa | 4.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2553 | ALL | 503822 | 3635576 | 4.20E-07 | 28.72YrCa | 4.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2554 | ALL | 503872 | 3635576 | 4.24E-07 | 28.72YrCa | 4.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2555 | ALL | 503922 | 3635576 | 4.29E-07 | 28.72YrCa | 4.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2556 | ALL | 503972 | 3635576 | 4.35E-07 | 28.72YrCa | 4.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2557 | ALL | 504022 | 3635576 | 4.14E-07 | 28.72YrCa | 4.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2558 | ALL | 504072 | 3635576 | 4.08E-07 | 28.72YrCa | 4.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2559 | ALL | 504122 | 3635576 | 4.05E-07 | 28.72YrCa | 4.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2560 | ALL | 504172 | 3635576 | 4.01E-07 | 28.72YrCa | 4.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2561 | ALL | 504222 | 3635576 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2562 | ALL | 504272 | 3635576 | 3.76E-07 | 28.72YrCa | 3.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2563 | ALL | 504322 | 3635576 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2564 | ALL | 504372 | 3635576 | 3.59E-07 | 28.72YrCa | 3.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2565 | ALL | 504422 | 3635576 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2566 | ALL | 504472 | 3635576 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2567 | ALL | 504522 | 3635576 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2568 | ALL | 504572 | 3635576 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2569 | ALL | 504622 | 3635576 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2570 | ALL | 504672 | 3635576 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2571 | ALL | 504722 | 3635576 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2572 | ALL | 504772 | 3635576 | 2.94E-07 | 28.72YrCa | 2.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2573 | ALL | 504822 | 3635576 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2574 | ALL | 504872 | 3635576 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2575 | ALL | 504922 | 3635576 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2576 | ALL | 504972 | 3635576 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2577 | ALL | 505022 | 3635576 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2578 | ALL | 505072 | 3635576 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2579 | ALL | 505122 | 3635576 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2580 | ALL | 505172 | 3635576 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2581 | ALL | 505222 | 3635576 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2582 | ALL | 502222 | 3635626 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2583 | ALL | 502272 | 3635626 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2584 | ALL | 502322 | 3635626 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2585 | ALL | 502372 | 3635626 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2586 | ALL | 502422 | 3635626 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2587 | ALL | 502472 | 3635626 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2588 | ALL | 502522 | 3635626 | 2.00E-07 | 28.72YrCa | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2589 | ALL | 502572 | 3635626 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2590 | ALL | 502622 | 3635626 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2591 | ALL | 502672 | 3635626 | 2.22E-07 | 28.72YrCa | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2592 | ALL | 502722 | 3635626 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2593 | ALL | 502772 | 3635626 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2594 | ALL | 502822 | 3635626 | 2.46E-07 | 28.72YrCa | 2.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2595 | ALL | 502872 | 3635626 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2596 | ALL | 502922 | 3635626 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2597 | ALL | 502972 | 3635626 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2598 | ALL | 503022 | 3635626 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2599 | ALL | 503072 | 3635626 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2600 | ALL | 503122 | 3635626 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2601 | ALL | 503172 | 3635626 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2602 | ALL | 503222 | 3635626 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2603 | ALL | 503272 | 3635626 | 3.29E-07 | 28.72YrCa | 3.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2604 | ALL | 503322 | 3635626 | 3.39E-07 | 28.72YrCa | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2605 | ALL | 503372 | 3635626 | 3.48E-07 | 28.72YrCa | 3.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2606 | ALL | 503422 | 3635626 | 3.58E-07 | 28.72YrCa | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2607 | ALL | 503472 | 3635626 | 3.70E-07 | 28.72YrCa | 3.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2608 | ALL | 503522 | 3635626 | 3.80E-07 | 28.72YrCa | 3.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2609 | ALL | 503572 | 3635626 | 3.85E-07 | 28.72YrCa | 3.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2610 | ALL | 503622 | 3635626 | 3.85E-07 | 28.72YrCa | 3.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2611 | ALL | 503672 | 3635626 | 3.88E-07 | 28.72YrCa | 3.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2612 | ALL | 503722 | 3635626 | 3.91E-07 | 28.72YrCa | 3.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2613 | ALL | 503772 | 3635626 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2614 | ALL | 503822 | 3635626 | 3.95E-07 | 28.72YrCa | 3.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2615 | ALL | 503872 | 3635626 | 3.93E-07 | 28.72YrCa | 3.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2616 | ALL | 503922 | 3635626 | 3.99E-07 | 28.72YrCa | 3.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2617 | ALL | 503972 | 3635626 | 4.03E-07 | 28.72YrCa | 4.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2618 | ALL | 504022 | 3635626 | 3.87E-07 | 28.72YrCa | 3.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2619 | ALL | 504072 | 3635626 | 3.83E-07 | 28.72YrCa | 3.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2620 | ALL | 504122 | 3635626 | 3.80E-07 | 28.72YrCa | 3.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2621 | ALL | 504172 | 3635626 | 3.75E-07 | 28.72YrCa | 3.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2622 | ALL | 504222 | 3635626 | 3.71E-07 | 28.72YrCa | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2623 | ALL | 504272 | 3635626 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2624 | ALL | 504322 | 3635626 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2625 | ALL | 504372 | 3635626 | 3.39E-07 | 28.72YrCa | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2626 | ALL | 504422 | 3635626 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2627 | ALL | 504472 | 3635626 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2628 | ALL | 504522 | 3635626 | 3.15E-07 | 28.72YrCa | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2629 | ALL | 504572 | 3635626 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2630 | ALL | 504622 | 3635626 | 2.98E-07 | 28.72YrCa | 2.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2631 | ALL | 504672 | 3635626 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2632 | ALL | 504722 | 3635626 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2633 | ALL | 504772 | 3635626 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2634 | ALL | 504822 | 3635626 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2635 | ALL | 504872 | 3635626 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2636 | ALL | 504922 | 3635626 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2637 | ALL | 504972 | 3635626 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2638 | ALL | 505022 | 3635626 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2639 | ALL | 505072 | 3635626 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2640 | ALL | 505122 | 3635626 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2641 | ALL | 505172 | 3635626 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2642 | ALL | 505222 | 3635626 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2643 | ALL | 502222 | 3635676 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2644 | ALL | 502272 | 3635676 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2645 | ALL | 502322 | 3635676 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2646 | ALL | 502372 | 3635676 | 1.77E-07 | 28.72YrCa | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2647 | ALL | 502422 | 3635676 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2648 | ALL | 502472 | 3635676 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2649 | ALL | 502522 | 3635676 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2650 | ALL | 502572 | 3635676 | 2.01E-07 | 28.72YrCa | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2651 | ALL | 502622 | 3635676 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2652 | ALL | 502672 | 3635676 | 2.15E-07 | 28.72YrCa | 2.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2653 | ALL | 502722 | 3635676 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2654 | ALL | 502772 | 3635676 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2655 | ALL | 502822 | 3635676 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2656 | ALL | 502872 | 3635676 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2657 | ALL | 502922 | 3635676 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2658 | ALL | 502972 | 3635676 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2659 | ALL | 503022 | 3635676 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2660 | ALL | 503072 | 3635676 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2661 | ALL | 503122 | 3635676 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2662 | ALL | 503172 | 3635676 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2663 | ALL | 503222 | 3635676 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2664 | ALL | 503272 | 3635676 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2665 | ALL | 503322 | 3635676 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2666 | ALL | 503372 | 3635676 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2667 | ALL | 503422 | 3635676 | 3.40E-07 | 28.72YrCa | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2668 | ALL | 503472 | 3635676 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2669 | ALL | 503522 | 3635676 | 3.58E-07 | 28.72YrCa | 3.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2670 | ALL | 503572 | 3635676 | 3.64E-07 | 28.72YrCa | 3.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2671 | ALL | 503622 | 3635676 | 3.65E-07 | 28.72YrCa | 3.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2672 | ALL | 503672 | 3635676 | 3.66E-07 | 28.72YrCa | 3.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2673 | ALL | 503722 | 3635676 | 3.70E-07 | 28.72YrCa | 3.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2674 | ALL | 503772 | 3635676 | 3.73E-07 | 28.72YrCa | 3.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2675 | ALL | 503822 | 3635676 | 3.72E-07 | 28.72YrCa | 3.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2676 | ALL | 503872 | 3635676 | 3.71E-07 | 28.72YrCa | 3.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2677 | ALL | 503922 | 3635676 | 3.77E-07 | 28.72YrCa | 3.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2678 | ALL | 503972 | 3635676 | 3.78E-07 | 28.72YrCa | 3.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2679 | ALL | 504022 | 3635676 | 3.69E-07 | 28.72YrCa | 3.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2680 | ALL | 504072 | 3635676 | 3.61E-07 | 28.72YrCa | 3.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2681 | ALL | 504122 | 3635676 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2682 | ALL | 504172 | 3635676 | 3.53E-07 | 28.72YrCa | 3.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2683 | ALL | 504222 | 3635676 | 3.48E-07 | 28.72YrCa | 3.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2684 | ALL | 504272 | 3635676 | 3.43E-07 | 28.72YrCa | 3.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2685 | ALL | 504322 | 3635676 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2686 | ALL | 504372 | 3635676 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2687 | ALL | 504422 | 3635676 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2688 | ALL | 504472 | 3635676 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2689 | ALL | 504522 | 3635676 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2690 | ALL | 504572 | 3635676 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2691 | ALL | 504622 | 3635676 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2692 | ALL | 504672 | 3635676 | 2.80E-07 | 28.72YrCa | 2.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2693 | ALL | 504722 | 3635676 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2694 | ALL | 504772 | 3635676 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2695 | ALL | 504822 | 3635676 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2696 | ALL | 504872 | 3635676 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2697 | ALL | 504922 | 3635676 | 2.43E-07 | 28.72YrCa | 2.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2698 | ALL | 504972 | 3635676 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2699 | ALL | 505022 | 3635676 | 2.31E-07 | 28.72YrCa | 2.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2700 | ALL | 505072 | 3635676 | 2.22E-07 | 28.72YrCa | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2701 | ALL | 505122 | 3635676 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2702 | ALL | 505172 | 3635676 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2703 | ALL | 505222 | 3635676 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2704 | ALL | 502222 | 3635726 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2705 | ALL | 502272 | 3635726 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2706 | ALL | 502322 | 3635726 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2707 | ALL | 502372 | 3635726 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2708 | ALL | 502422 | 3635726 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2709 | ALL | 502472 | 3635726 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2710 | ALL | 502522 | 3635726 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2711 | ALL | 502572 | 3635726 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2712 | ALL | 502622 | 3635726 | 2.01E-07 | 28.72YrCa | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2713 | ALL | 502672 | 3635726 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2714 | ALL | 502722 | 3635726 | 2.13E-07 | 28.72YrCa | 2.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2715 | ALL | 502772 | 3635726 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2716 | ALL | 502822 | 3635726 | 2.26E-07 | 28.72YrCa | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2717 | ALL | 502872 | 3635726 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2718 | ALL | 502922 | 3635726 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2719 | ALL | 502972 | 3635726 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2720 | ALL | 503022 | 3635726 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2721 | ALL | 503072 | 3635726 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2722 | ALL | 503122 | 3635726 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2723 | ALL | 503172 | 3635726 | 2.77E-07 | 28.72YrCa | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2724 | ALL | 503222 | 3635726 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2725 | ALL | 503272 | 3635726 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2726 | ALL | 503322 | 3635726 | 3.03E-07 | 28.72YrCa | 3.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2727 | ALL | 503372 | 3635726 | 3.11E-07 | 28.72YrCa | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2728 | ALL | 503422 | 3635726 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2729 | ALL | 503472 | 3635726 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2730 | ALL | 503522 | 3635726 | 3.38E-07 | 28.72YrCa | 3.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2731 | ALL | 503572 | 3635726 | 3.42E-07 | 28.72YrCa | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2732 | ALL | 503622 | 3635726 | 3.46E-07 | 28.72YrCa | 3.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2733 | ALL | 503672 | 3635726 | 3.46E-07 | 28.72YrCa | 3.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2734 | ALL | 503722 | 3635726 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2735 | ALL | 503772 | 3635726 | 3.52E-07 | 28.72YrCa | 3.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2736 | ALL | 503822 | 3635726 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2737 | ALL | 503872 | 3635726 | 3.50E-07 | 28.72YrCa | 3.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2738 | ALL | 503922 | 3635726 | 3.54E-07 | 28.72YrCa | 3.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2739 | ALL | 503972 | 3635726 | 3.57E-07 | 28.72YrCa | 3.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2740 | ALL | 504022 | 3635726 | 3.49E-07 | 28.72YrCa | 3.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2741 | ALL | 504072 | 3635726 | 3.47E-07 | 28.72YrCa | 3.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2742 | ALL | 504122 | 3635726 | 3.39E-07 | 28.72YrCa | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2743 | ALL | 504172 | 3635726 | 3.34E-07 | 28.72YrCa | 3.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2744 | ALL | 504222 | 3635726 | 3.40E-07 | 28.72YrCa | 3.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2745 | ALL | 504272 | 3635726 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2746 | ALL | 504322 | 3635726 | 3.19E-07 | 28.72YrCa | 3.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2747 | ALL | 504372 | 3635726 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2748 | ALL | 504422 | 3635726 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2749 | ALL | 504472 | 3635726 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2750 | ALL | 504522 | 3635726 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2751 | ALL | 504572 | 3635726 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2752 | ALL | 504622 | 3635726 | 2.77E-07 | 28.72YrCa | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2753 | ALL | 504672 | 3635726 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2754 | ALL | 504722 | 3635726 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2755 | ALL | 504772 | 3635726 | 2.55E-07 | 28.72YrCa | 2.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2756 | ALL | 504822 | 3635726 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2757 | ALL | 504872 | 3635726 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2758 | ALL | 504922 | 3635726 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2759 | ALL | 504972 | 3635726 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2760 | ALL | 505022 | 3635726 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2761 | ALL | 505072 | 3635726 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2762 | ALL | 505122 | 3635726 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2763 | ALL | 505172 | 3635726 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2764 | ALL | 505222 | 3635726 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2765 | ALL | 502222 | 3635776 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2766 | ALL | 502272 | 3635776 | 1.55E-07 | 28.72YrCa | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2767 | ALL | 502322 | 3635776 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2768 | ALL | 502372 | 3635776 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2769 | ALL | 502422 | 3635776 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2770 | ALL | 502472 | 3635776 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2771 | ALL | 502522 | 3635776 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2772 | ALL | 502572 | 3635776 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2773 | ALL | 502622 | 3635776 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2774 | ALL | 502672 | 3635776 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2775 | ALL | 502722 | 3635776 | 2.06E-07 | 28.72YrCa | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2776 | ALL | 502772 | 3635776 | 2.12E-07 | 28.72YrCa | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2777 | ALL | 502822 | 3635776 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2778 | ALL | 502872 | 3635776 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2779 | ALL | 502922 | 3635776 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2780 | ALL | 502972 | 3635776 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2781 | ALL | 503022 | 3635776 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2782 | ALL | 503072 | 3635776 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2783 | ALL | 503122 | 3635776 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2784 | ALL | 503172 | 3635776 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2785 | ALL | 503222 | 3635776 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2786 | ALL | 503272 | 3635776 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2787 | ALL | 503322 | 3635776 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2788 | ALL | 503372 | 3635776 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2789 | ALL | 503422 | 3635776 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2790 | ALL | 503472 | 3635776 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2791 | ALL | 503522 | 3635776 | 3.19E-07 | 28.72YrCa | 3.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2792 | ALL | 503572 | 3635776 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2793 | ALL | 503622 | 3635776 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2794 | ALL | 503672 | 3635776 | 3.31E-07 | 28.72YrCa | 3.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2795 | ALL | 503722 | 3635776 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2796 | ALL | 503772 | 3635776 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2797 | ALL | 503822 | 3635776 | 3.32E-07 | 28.72YrCa | 3.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2798 | ALL | 503872 | 3635776 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2799 | ALL | 503922 | 3635776 | 3.41E-07 | 28.72YrCa | 3.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2800 | ALL | 503972 | 3635776 | 3.42E-07 | 28.72YrCa | 3.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2801 | ALL | 504022 | 3635776 | 3.33E-07 | 28.72YrCa | 3.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2802 | ALL | 504072 | 3635776 | 3.37E-07 | 28.72YrCa | 3.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2803 | ALL | 504122 | 3635776 | 3.30E-07 | 28.72YrCa | 3.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2804 | ALL | 504172 | 3635776 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2805 | ALL | 504222 | 3635776 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2806 | ALL | 504272 | 3635776 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2807 | ALL | 504322 | 3635776 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2808 | ALL | 504372 | 3635776 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2809 | ALL | 504422 | 3635776 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2810 | ALL | 504472 | 3635776 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2811 | ALL | 504522 | 3635776 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2812 | ALL | 504572 | 3635776 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2813 | ALL | 504622 | 3635776 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2814 | ALL | 504672 | 3635776 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2815 | ALL | 504722 | 3635776 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2816 | ALL | 504772 | 3635776 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2817 | ALL | 504822 | 3635776 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2818 | ALL | 504872 | 3635776 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2819 | ALL | 504922 | 3635776 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2820 | ALL | 504972 | 3635776 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2821 | ALL | 505022 | 3635776 | 2.18E-07 | 28.72YrCa | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2822 | ALL | 505072 | 3635776 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2823 | ALL | 505122 | 3635776 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2824 | ALL | 505172 | 3635776 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2825 | ALL | 505222 | 3635776 | 1.92E-07 | 28.72YrCa | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2826 | ALL | 502222 | 3635826 | 1.44E-07 | 28.72YrCa | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2827 | ALL | 502272 | 3635826 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2828 | ALL | 502322 | 3635826 | 1.56E-07 | 28.72YrCa | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2829 | ALL | 502372 | 3635826 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2830 | ALL | 502422 | 3635826 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2831 | ALL | 502472 | 3635826 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2832 | ALL | 502522 | 3635826 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2833 | ALL | 502572 | 3635826 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2834 | ALL | 502622 | 3635826 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2835 | ALL | 502672 | 3635826 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2836 | ALL | 502722 | 3635826 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2837 | ALL | 502772 | 3635826 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2838 | ALL | 502822 | 3635826 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2839 | ALL | 502872 | 3635826 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2840 | ALL | 502922 | 3635826 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2841 | ALL | 502972 | 3635826 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2842 | ALL | 503022 | 3635826 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2843 | ALL | 503072 | 3635826 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2844 | ALL | 503122 | 3635826 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2845 | ALL | 503172 | 3635826 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2846 | ALL | 503222 | 3635826 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2847 | ALL | 503272 | 3635826 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2848 | ALL | 503322 | 3635826 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2849 | ALL | 503372 | 3635826 | 2.77E-07 | 28.72YrCa | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2850 | ALL | 503422 | 3635826 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2851 | ALL | 503472 | 3635826 | 2.96E-07 | 28.72YrCa | 2.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2852 | ALL | 503522 | 3635826 | 2.92E-07 | 28.72YrCa | 2.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2853 | ALL | 503572 | 3635826 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2854 | ALL | 503622 | 3635826 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2855 | ALL | 503672 | 3635826 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2856 | ALL | 503722 | 3635826 | 3.16E-07 | 28.72YrCa | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2857 | ALL | 503772 | 3635826 | 3.14E-07 | 28.72YrCa | 3.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2858 | ALL | 503822 | 3635826 | 3.16E-07 | 28.72YrCa | 3.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2859 | ALL | 503872 | 3635826 | 3.18E-07 | 28.72YrCa | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2860 | ALL | 503922 | 3635826 | 3.22E-07 | 28.72YrCa | 3.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2861 | ALL | 503972 | 3635826 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2862 | ALL | 504022 | 3635826 | 3.19E-07 | 28.72YrCa | 3.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2863 | ALL | 504072 | 3635826 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2864 | ALL | 504122 | 3635826 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2865 | ALL | 504172 | 3635826 | 3.18E-07 | 28.72YrCa | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2866 | ALL | 504222 | 3635826 | 3.15E-07 | 28.72YrCa | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2867 | ALL | 504272 | 3635826 | 3.15E-07 | 28.72YrCa | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2868 | ALL | 504322 | 3635826 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2869 | ALL | 504372 | 3635826 | 2.95E-07 | 28.72YrCa | 2.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2870 | ALL | 504422 | 3635826 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2871 | ALL | 504472 | 3635826 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2872 | ALL | 504522 | 3635826 | 2.77E-07 | 28.72YrCa | 2.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2873 | ALL | 504572 | 3635826 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2874 | ALL | 504622 | 3635826 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2875 | ALL | 504672 | 3635826 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2876 | ALL | 504722 | 3635826 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2877 | ALL | 504772 | 3635826 | 2.35E-07 | 28.72YrCa | 2.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2878 | ALL | 504822 | 3635826 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2879 | ALL | 504872 | 3635826 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2880 | ALL | 504922 | 3635826 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2881 | ALL | 504972 | 3635826 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2882 | ALL | 505022 | 3635826 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2883 | ALL | 505072 | 3635826 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2884 | ALL | 505122 | 3635826 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2885 | ALL | 505172 | 3635826 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2886 | ALL | 505222 | 3635826 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2887 | ALL | 502222 | 3635876 | 1.40E-07 | 28.72YrCa | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2888 | ALL | 502272 | 3635876 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2889 | ALL | 502322 | 3635876 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2890 | ALL | 502372 | 3635876 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2891 | ALL | 502422 | 3635876 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2892 | ALL | 502472 | 3635876 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2893 | ALL | 502522 | 3635876 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2894 | ALL | 502572 | 3635876 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2895 | ALL | 502622 | 3635876 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2896 | ALL | 502672 | 3635876 | 1.86E-07 | 28.72YrCa | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2897 | ALL | 502722 | 3635876 | 1.92E-07 | 28.72YrCa | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2898 | ALL | 502772 | 3635876 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2899 | ALL | 502822 | 3635876 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2900 | ALL | 502872 | 3635876 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2901 | ALL | 502922 | 3635876 | 2.12E-07 | 28.72YrCa | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2902 | ALL | 502972 | 3635876 | 2.18E-07 | 28.72YrCa | 2.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2903 | ALL | 503022 | 3635876 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2904 | ALL | 503072 | 3635876 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2905 | ALL | 503122 | 3635876 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2906 | ALL | 503172 | 3635876 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2907 | ALL | 503222 | 3635876 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2908 | ALL | 503272 | 3635876 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2909 | ALL | 503322 | 3635876 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2910 | ALL | 503372 | 3635876 | 2.62E-07 | 28.72YrCa | 2.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2911 | ALL | 503422 | 3635876 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2912 | ALL | 503472 | 3635876 | 2.79E-07 | 28.72YrCa | 2.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2913 | ALL | 503522 | 3635876 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2914 | ALL | 503572 | 3635876 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2915 | ALL | 503622 | 3635876 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2916 | ALL | 503672 | 3635876 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2917 | ALL | 503722 | 3635876 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2918 | ALL | 503772 | 3635876 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2919 | ALL | 503822 | 3635876 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2920 | ALL | 503872 | 3635876 | 3.05E-07 | 28.72YrCa | 3.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2921 | ALL | 503922 | 3635876 | 3.06E-07 | 28.72YrCa | 3.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2922 | ALL | 503972 | 3635876 | 3.09E-07 | 28.72YrCa | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2923 | ALL | 504022 | 3635876 | 3.07E-07 | 28.72YrCa | 3.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2924 | ALL | 504072 | 3635876 | 3.13E-07 | 28.72YrCa | 3.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2925 | ALL | 504122 | 3635876 | 3.12E-07 | 28.72YrCa | 3.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2926 | ALL | 504172 | 3635876 | 3.09E-07 | 28.72YrCa | 3.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2927 | ALL | 504222 | 3635876 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2928 | ALL | 504272 | 3635876 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2929 | ALL | 504322 | 3635876 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2930 | ALL | 504372 | 3635876 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2931 | ALL | 504422 | 3635876 | 2.84E-07 | 28.72YrCa | 2.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2932 | ALL | 504472 | 3635876 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2933 | ALL | 504522 | 3635876 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2934 | ALL | 504572 | 3635876 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2935 | ALL | 504622 | 3635876 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2936 | ALL | 504672 | 3635876 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2937 | ALL | 504722 | 3635876 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2938 | ALL | 504772 | 3635876 | 2.26E-07 | 28.72YrCa | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2939 | ALL | 504822 | 3635876 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2940 | ALL | 504872 | 3635876 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2941 | ALL | 504922 | 3635876 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2942 | ALL | 504972 | 3635876 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2943 | ALL | 505022 | 3635876 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2944 | ALL | 505072 | 3635876 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2945 | ALL | 505122 | 3635876 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2946 | ALL | 505172 | 3635876 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2947 | ALL | 505222 | 3635876 | 1.83E-07 | 28.72YrCa | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2948 | ALL | 502222 | 3635926 | 1.36E-07 | 28.72YrCa | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2949 | ALL | 502272 | 3635926 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2950 | ALL | 502322 | 3635926 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2951 | ALL | 502372 | 3635926 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2952 | ALL | 502422 | 3635926 | 1.56E-07 | 28.72YrCa | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2953 | ALL | 502472 | 3635926 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2954 | ALL | 502522 | 3635926 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2955 | ALL | 502572 | 3635926 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2956 | ALL | 502622 | 3635926 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2957 | ALL | 502672 | 3635926 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2958 | ALL | 502722 | 3635926 | 1.86E-07 | 28.72YrCa | 1.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2959 | ALL | 502772 | 3635926 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2960 | ALL | 502822 | 3635926 | 1.96E-07 | 28.72YrCa | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2961 | ALL | 502872 | 3635926 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2962 | ALL | 502922 | 3635926 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2963 | ALL | 502972 | 3635926 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2964 | ALL | 503022 | 3635926 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2965 | ALL | 503072 | 3635926 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2966 | ALL | 503122 | 3635926 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2967 | ALL | 503172 | 3635926 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2968 | ALL | 503222 | 3635926 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2969 | ALL | 503272 | 3635926 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2970 | ALL | 503322 | 3635926 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2971 | ALL | 503372 | 3635926 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2972 | ALL | 503422 | 3635926 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2973 | ALL | 503472 | 3635926 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2974 | ALL | 503522 | 3635926 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2975 | ALL | 503572 | 3635926 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2976 | ALL | 503622 | 3635926 | 2.83E-07 | 28.72YrCa | 2.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2977 | ALL | 503672 | 3635926 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2978 | ALL | 503722 | 3635926 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2979 | ALL | 503772 | 3635926 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2980 | ALL | 503822 | 3635926 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2981 | ALL | 503872 | 3635926 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2982 | ALL | 503922 | 3635926 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2983 | ALL | 503972 | 3635926 | 2.93E-07 | 28.72YrCa | 2.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2984 | ALL | 504022 | 3635926 | 2.94E-07 | 28.72YrCa | 2.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2985 | ALL | 504072 | 3635926 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2986 | ALL | 504122 | 3635926 | 2.99E-07 | 28.72YrCa | 2.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2987 | ALL | 504172 | 3635926 | 3.00E-07 | 28.72YrCa | 3.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2988 | ALL | 504222 | 3635926 | 3.01E-07 | 28.72YrCa | 3.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2989 | ALL | 504272 | 3635926 | 2.97E-07 | 28.72YrCa | 2.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2990 | ALL | 504322 | 3635926 | 2.90E-07 | 28.72YrCa | 2.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2991 | ALL | 504372 | 3635926 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2992 | ALL | 504422 | 3635926 | 2.81E-07 | 28.72YrCa | 2.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2993 | ALL | 504472 | 3635926 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2994 | ALL | 504522 | 3635926 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2995 | ALL | 504572 | 3635926 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2996 | ALL | 504622 | 3635926 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2997 | ALL | 504672 | 3635926 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2998 | ALL | 504722 | 3635926 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2999 | ALL | 504772 | 3635926 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3000 | ALL | 504822 | 3635926 | 2.13E-07 | 28.72YrCa | 2.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3001 | ALL | 504872 | 3635926 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3002 | ALL | 504922 | 3635926 | 2.06E-07 | 28.72YrCa | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3003 | ALL | 504972 | 3635926 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3004 | ALL | 505022 | 3635926 | 2.00E-07 | 28.72YrCa | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3005 | ALL | 505072 | 3635926 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3006 | ALL | 505122 | 3635926 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3007 | ALL | 505172 | 3635926 | 1.83E-07 | 28.72YrCa | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3008 | ALL | 505222 | 3635926 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3009 | ALL | 502222 | 3635976 | 1.31E-07 | 28.72YrCa | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3010 | ALL | 502272 | 3635976 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3011 | ALL | 502322 | 3635976 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3012 | ALL | 502372 | 3635976 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3013 | ALL | 502422 | 3635976 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3014 | ALL | 502472 | 3635976 | 1.56E-07 | 28.72YrCa | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3015 | ALL | 502522 | 3635976 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3016 | ALL | 502572 | 3635976 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3017 | ALL | 502622 | 3635976 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3018 | ALL | 502672 | 3635976 | 1.74E-07 | 28.72YrCa | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3019 | ALL | 502722 | 3635976 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3020 | ALL | 502772 | 3635976 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3021 | ALL | 502822 | 3635976 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3022 | ALL | 502872 | 3635976 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3023 | ALL | 502922 | 3635976 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3024 | ALL | 502972 | 3635976 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3025 | ALL | 503022 | 3635976 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3026 | ALL | 503072 | 3635976 | 2.06E-07 | 28.72YrCa | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3027 | ALL | 503122 | 3635976 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3028 | ALL | 503172 | 3635976 | 2.15E-07 | 28.72YrCa | 2.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3029 | ALL | 503222 | 3635976 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3030 | ALL | 503272 | 3635976 | 2.26E-07 | 28.72YrCa | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3031 | ALL | 503322 | 3635976 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3032 | ALL | 503372 | 3635976 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3033 | ALL | 503422 | 3635976 | 2.41E-07 | 28.72YrCa | 2.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3034 | ALL | 503472 | 3635976 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3035 | ALL | 503522 | 3635976 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3036 | ALL | 503572 | 3635976 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3037 | ALL | 503622 | 3635976 | 2.69E-07 | 28.72YrCa | 2.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3038 | ALL | 503672 | 3635976 | 2.72E-07 | 28.72YrCa | 2.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3039 | ALL | 503722 | 3635976 | 2.73E-07 | 28.72YrCa | 2.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3040 | ALL | 503772 | 3635976 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3041 | ALL | 503822 | 3635976 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3042 | ALL | 503872 | 3635976 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3043 | ALL | 503922 | 3635976 | 2.76E-07 | 28.72YrCa | 2.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3044 | ALL | 503972 | 3635976 | 2.78E-07 | 28.72YrCa | 2.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3045 | ALL | 504022 | 3635976 | 2.82E-07 | 28.72YrCa | 2.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3046 | ALL | 504072 | 3635976 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3047 | ALL | 504122 | 3635976 | 2.87E-07 | 28.72YrCa | 2.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3048 | ALL | 504172 | 3635976 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3049 | ALL | 504222 | 3635976 | 2.89E-07 | 28.72YrCa | 2.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3050 | ALL | 504272 | 3635976 | 2.86E-07 | 28.72YrCa | 2.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3051 | ALL | 504322 | 3635976 | 2.83E-07 | 28.72YrCa | 2.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3052 | ALL | 504372 | 3635976 | 2.80E-07 | 28.72YrCa | 2.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3053 | ALL | 504422 | 3635976 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3054 | ALL | 504472 | 3635976 | 2.68E-07 | 28.72YrCa | 2.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3055 | ALL | 504522 | 3635976 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3056 | ALL | 504572 | 3635976 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3057 | ALL | 504622 | 3635976 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3058 | ALL | 504672 | 3635976 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3059 | ALL | 504722 | 3635976 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3060 | ALL | 504772 | 3635976 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3061 | ALL | 504822 | 3635976 | 2.12E-07 | 28.72YrCa | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3062 | ALL | 504872 | 3635976 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3063 | ALL | 504922 | 3635976 | 2.00E-07 | 28.72YrCa | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3064 | ALL | 504972 | 3635976 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3065 | ALL | 505022 | 3635976 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3066 | ALL | 505072 | 3635976 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3067 | ALL | 505122 | 3635976 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3068 | ALL | 505172 | 3635976 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3069 | ALL | 505222 | 3635976 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3070 | ALL | 501722 | 3632476 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3071 | ALL | 501822 | 3632476 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3072 | ALL | 501922 | 3632476 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3073 | ALL | 502022 | 3632476 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3074 | ALL | 502122 | 3632476 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3075 | ALL | 502222 | 3632476 | 2.85E-07 | 28.72YrCa | 2.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3076 | ALL | 502322 | 3632476 | 2.94E-07 | 28.72YrCa | 2.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3077 | ALL | 502422 | 3632476 | 3.02E-07 | 28.72YrCa | 3.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3078 | ALL | 502522 | 3632476 | 3.10E-07 | 28.72YrCa | 3.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3079 | ALL | 502622 | 3632476 | 3.18E-07 | 28.72YrCa | 3.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3080 | ALL | 502722 | 3632476 | 3.21E-07 | 28.72YrCa | 3.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3081 | ALL | 502822 | 3632476 | 3.26E-07 | 28.72YrCa | 3.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3082 | ALL | 502922 | 3632476 | 3.24E-07 | 28.72YrCa | 3.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3083 | ALL | 503022 | 3632476 | 3.23E-07 | 28.72YrCa | 3.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3084 | ALL | 503122 | 3632476 | 3.20E-07 | 28.72YrCa | 3.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3085 | ALL | 503222 | 3632476 | 3.17E-07 | 28.72YrCa | 3.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3086 | ALL | 503322 | 3632476 | 3.04E-07 | 28.72YrCa | 3.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3087 | ALL | 503422 | 3632476 | 2.88E-07 | 28.72YrCa | 2.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3088 | ALL | 503722 | 3632476 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3089 | ALL | 503822 | 3632476 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3090 | ALL | 503922 | 3632476 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3091 | ALL | 504022 | 3632476 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3092 | ALL | 504122 | 3632476 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3093 | ALL | 504222 | 3632476 | 1.11E-07 | 28.72YrCa | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3094 | ALL | 504322 | 3632476 | 1.05E-07 | 28.72YrCa | 1.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3095 | ALL | 504422 | 3632476 | 1.08E-07 | 28.72YrCa | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3096 | ALL | 504522 | 3632476 | 1.13E-07 | 28.72YrCa | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3097 | ALL | 504622 | 3632476 | 9.71E-08 | 28.72YrCa | 9.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3098 | ALL | 504722 | 3632476 | 9.07E-08 | 28.72YrCa | 9.07E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3099 | ALL | 504822 | 3632476 | 8.94E-08 | 28.72YrCa | 8.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3100 | ALL | 504922 | 3632476 | 8.64E-08 | 28.72YrCa | 8.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3101 | ALL | 505022 | 3632476 | 8.23E-08 | 28.72YrCa | 8.23E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3102 | ALL | 505122 | 3632476 | 8.20E-08 | 28.72YrCa | 8.20E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3103 | ALL | 505222 | 3632476 | 7.85E-08 | 28.72YrCa | 7.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3104 | ALL | 505322 | 3632476 | 7.66E-08 | 28.72YrCa | 7.66E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3105 | ALL | 505422 | 3632476 | 7.61E-08 | 28.72YrCa | 7.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3106 | ALL | 505522 | 3632476 | 7.62E-08 | 28.72YrCa | 7.62E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3107 | ALL | 505622 | 3632476 | 7.78E-08 | 28.72YrCa | 7.78E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3108 | ALL | 505722 | 3632476 | 8.04E-08 | 28.72YrCa | 8.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3109 | ALL | 501722 | 3632576 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3110 | ALL | 501822 | 3632576 | 3.08E-07 | 28.72YrCa | 3.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3111 | ALL | 501922 | 3632576 | 3.35E-07 | 28.72YrCa | 3.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3112 | ALL | 502022 | 3632576 | 3.56E-07 | 28.72YrCa | 3.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3113 | ALL | 502122 | 3632576 | 3.72E-07 | 28.72YrCa | 3.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3114 | ALL | 502222 | 3632576 | 3.84E-07 | 28.72YrCa | 3.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3115 | ALL | 502322 | 3632576 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3116 | ALL | 502422 | 3632576 | 4.03E-07 | 28.72YrCa | 4.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3117 | ALL | 502522 | 3632576 | 4.11E-07 | 28.72YrCa | 4.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3118 | ALL | 502622 | 3632576 | 4.19E-07 | 28.72YrCa | 4.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3119 | ALL | 502722 | 3632576 | 4.32E-07 | 28.72YrCa | 4.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3120 | ALL | 502822 | 3632576 | 4.38E-07 | 28.72YrCa | 4.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3121 | ALL | 502922 | 3632576 | 4.42E-07 | 28.72YrCa | 4.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3122 | ALL | 503022 | 3632576 | 4.41E-07 | 28.72YrCa | 4.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3123 | ALL | 503122 | 3632576 | 4.38E-07 | 28.72YrCa | 4.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3124 | ALL | 503222 | 3632576 | 4.30E-07 | 28.72YrCa | 4.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3125 | ALL | 503322 | 3632576 | 4.13E-07 | 28.72YrCa | 4.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3126 | ALL | 503422 | 3632576 | 3.81E-07 | 28.72YrCa | 3.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3127 | ALL | 503722 | 3632576 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3128 | ALL | 503822 | 3632576 | 1.83E-07 | 28.72YrCa | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3129 | ALL | 503922 | 3632576 | 1.32E-07 | 28.72YrCa | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3130 | ALL | 504022 | 3632576 | 1.19E-07 | 28.72YrCa | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3131 | ALL | 504122 | 3632576 | 1.13E-07 | 28.72YrCa | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3132 | ALL | 504222 | 3632576 | 1.07E-07 | 28.72YrCa | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3133 | ALL | 504322 | 3632576 | 1.02E-07 | 28.72YrCa | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3134 | ALL | 504422 | 3632576 | 1.02E-07 | 28.72YrCa | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3135 | ALL | 504522 | 3632576 | 1.09E-07 | 28.72YrCa | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3136 | ALL | 504622 | 3632576 | 1.03E-07 | 28.72YrCa | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3137 | ALL | 504722 | 3632576 | 9.28E-08 | 28.72YrCa | 9.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3138 | ALL | 504822 | 3632576 | 9.24E-08 | 28.72YrCa | 9.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3139 | ALL | 504922 | 3632576 | 8.89E-08 | 28.72YrCa | 8.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3140 | ALL | 505022 | 3632576 | 8.49E-08 | 28.72YrCa | 8.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3141 | ALL | 505122 | 3632576 | 8.52E-08 | 28.72YrCa | 8.52E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3142 | ALL | 505222 | 3632576 | 8.37E-08 | 28.72YrCa | 8.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3143 | ALL | 505322 | 3632576 | 8.24E-08 | 28.72YrCa | 8.24E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3144 | ALL | 505422 | 3632576 | 8.28E-08 | 28.72YrCa | 8.28E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3145 | ALL | 505522 | 3632576 | 8.32E-08 | 28.72YrCa | 8.32E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3146 | ALL | 505622 | 3632576 | 8.49E-08 | 28.72YrCa | 8.49E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3147 | ALL | 505722 | 3632576 | 8.57E-08 | 28.72YrCa | 8.57E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3148 | ALL | 501722 | 3632676 | 4.71E-07 | 28.72YrCa | 4.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3149 | ALL | 501822 | 3632676 | 5.34E-07 | 28.72YrCa | 5.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3150 | ALL | 501922 | 3632676 | 5.81E-07 | 28.72YrCa | 5.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3151 | ALL | 502022 | 3632676 | 6.21E-07 | 28.72YrCa | 6.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3152 | ALL | 502122 | 3632676 | 6.44E-07 | 28.72YrCa | 6.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3153 | ALL | 502222 | 3632676 | 6.53E-07 | 28.72YrCa | 6.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3154 | ALL | 502322 | 3632676 | 6.64E-07 | 28.72YrCa | 6.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3155 | ALL | 502422 | 3632676 | 6.74E-07 | 28.72YrCa | 6.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3156 | ALL | 502522 | 3632676 | 6.79E-07 | 28.72YrCa | 6.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3157 | ALL | 502622 | 3632676 | 6.92E-07 | 28.72YrCa | 6.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3158 | ALL | 502722 | 3632676 | 7.34E-07 | 28.72YrCa | 7.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3159 | ALL | 502822 | 3632676 | 7.89E-07 | 28.72YrCa | 7.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3160 | ALL | 502922 | 3632676 | 8.48E-07 | 28.72YrCa | 8.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3161 | ALL | 503022 | 3632676 | 8.60E-07 | 28.72YrCa | 8.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3162 | ALL | 503722 | 3632676 | 2.64E-07 | 28.72YrCa | 2.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3163 | ALL | 503822 | 3632676 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3164 | ALL | 503922 | 3632676 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3165 | ALL | 504022 | 3632676 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3166 | ALL | 504122 | 3632676 | 1.21E-07 | 28.72YrCa | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3167 | ALL | 504222 | 3632676 | 1.13E-07 | 28.72YrCa | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3168 | ALL | 504322 | 3632676 | 1.08E-07 | 28.72YrCa | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3169 | ALL | 504422 | 3632676 | 1.06E-07 | 28.72YrCa | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3170 | ALL | 504522 | 3632676 | 1.06E-07 | 28.72YrCa | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3171 | ALL | 504622 | 3632676 | 1.02E-07 | 28.72YrCa | 1.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3172 | ALL | 504722 | 3632676 | 9.89E-08 | 28.72YrCa | 9.89E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3173 | ALL | 504822 | 3632676 | 9.73E-08 | 28.72YrCa | 9.73E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3174 | ALL | 504922 | 3632676 | 9.37E-08 | 28.72YrCa | 9.37E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3175 | ALL | 505022 | 3632676 | 9.11E-08 | 28.72YrCa | 9.11E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3176 | ALL | 505122 | 3632676 | 9.04E-08 | 28.72YrCa | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3177 | ALL | 505222 | 3632676 | 8.94E-08 | 28.72YrCa | 8.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3178 | ALL | 505322 | 3632676 | 8.81E-08 | 28.72YrCa | 8.81E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3179 | ALL | 505422 | 3632676 | 8.97E-08 | 28.72YrCa | 8.97E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3180 | ALL | 505522 | 3632676 | 9.18E-08 | 28.72YrCa | 9.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3181 | ALL | 505622 | 3632676 | 9.21E-08 | 28.72YrCa | 9.21E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3182 | ALL | 505722 | 3632676 | 8.94E-08 | 28.72YrCa | 8.94E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3183 | ALL | 502422 | 3632776 | 1.29E-06 | 28.72YrCa | 1.29E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3184 | ALL | 502522 | 3632776 | 1.22E-06 | 28.72YrCa | 1.22E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3185 | ALL | 502622 | 3632776 | 1.09E-06 | 28.72YrCa | 1.09E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3186 | ALL | 502722 | 3632776 | 9.40E-07 | 28.72YrCa | 9.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3187 | ALL | 502822 | 3632776 | 8.62E-07 | 28.72YrCa | 8.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3188 | ALL | 502922 | 3632776 | 8.67E-07 | 28.72YrCa | 8.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3189 | ALL | 503022 | 3632776 | 7.56E-07 | 28.72YrCa | 7.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3190 | ALL | 503122 | 3632776 | 8.08E-07 | 28.72YrCa | 8.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3191 | ALL | 503222 | 3632776 | 8.02E-07 | 28.72YrCa | 8.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3192 | ALL | 503622 | 3632776 | 4.46E-07 | 28.72YrCa | 4.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3193 | ALL | 503722 | 3632776 | 3.15E-07 | 28.72YrCa | 3.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3194 | ALL | 503822 | 3632776 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3195 | ALL | 503922 | 3632776 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3196 | ALL | 504022 | 3632776 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3197 | ALL | 504122 | 3632776 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3198 | ALL | 504222 | 3632776 | 1.26E-07 | 28.72YrCa | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3199 | ALL | 504322 | 3632776 | 1.17E-07 | 28.72YrCa | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3200 | ALL | 504422 | 3632776 | 1.14E-07 | 28.72YrCa | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3201 | ALL | 504522 | 3632776 | 1.11E-07 | 28.72YrCa | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3202 | ALL | 504622 | 3632776 | 1.08E-07 | 28.72YrCa | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3203 | ALL | 504722 | 3632776 | 1.06E-07 | 28.72YrCa | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3204 | ALL | 504822 | 3632776 | 1.03E-07 | 28.72YrCa | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3205 | ALL | 504922 | 3632776 | 1.01E-07 | 28.72YrCa | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3206 | ALL | 505022 | 3632776 | 9.87E-08 | 28.72YrCa | 9.87E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3207 | ALL | 505122 | 3632776 | 9.75E-08 | 28.72YrCa | 9.75E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3208 | ALL | 505222 | 3632776 | 9.60E-08 | 28.72YrCa | 9.60E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3209 | ALL | 505322 | 3632776 | 9.64E-08 | 28.72YrCa | 9.64E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3210 | ALL | 505422 | 3632776 | 9.83E-08 | 28.72YrCa | 9.83E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3211 | ALL | 505522 | 3632776 | 1.00E-07 | 28.72YrCa | 1.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3212 | ALL | 505622 | 3632776 | 9.99E-08 | 28.72YrCa | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3213 | ALL | 505722 | 3632776 | 9.71E-08 | 28.72YrCa | 9.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3214 | ALL | 501722 | 3632876 | 3.94E-07 | 28.72YrCa | 3.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3215 | ALL | 501822 | 3632876 | 4.34E-07 | 28.72YrCa | 4.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3216 | ALL | 501922 | 3632876 | 4.59E-07 | 28.72YrCa | 4.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3217 | ALL | 502022 | 3632876 | 4.73E-07 | 28.72YrCa | 4.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3218 | ALL | 502122 | 3632876 | 4.84E-07 | 28.72YrCa | 4.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3219 | ALL | 502222 | 3632876 | 4.86E-07 | 28.72YrCa | 4.86E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3220 | ALL | 502322 | 3632876 | 4.90E-07 | 28.72YrCa | 4.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3221 | ALL | 502422 | 3632876 | 4.96E-07 | 28.72YrCa | 4.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3222 | ALL | 502522 | 3632876 | 4.96E-07 | 28.72YrCa | 4.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3223 | ALL | 502622 | 3632876 | 4.90E-07 | 28.72YrCa | 4.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3224 | ALL | 502722 | 3632876 | 4.88E-07 | 28.72YrCa | 4.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3225 | ALL | 502822 | 3632876 | 4.74E-07 | 28.72YrCa | 4.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3226 | ALL | 502922 | 3632876 | 4.43E-07 | 28.72YrCa | 4.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3227 | ALL | 503022 | 3632876 | 2.75E-07 | 28.72YrCa | 2.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3228 | ALL | 503122 | 3632876 | 3.79E-07 | 28.72YrCa | 3.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3229 | ALL | 503222 | 3632876 | 4.87E-07 | 28.72YrCa | 4.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3230 | ALL | 503322 | 3632876 | 5.37E-07 | 28.72YrCa | 5.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3231 | ALL | 503422 | 3632876 | 6.79E-07 | 28.72YrCa | 6.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3232 | ALL | 503622 | 3632876 | 6.11E-07 | 28.72YrCa | 6.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3233 | ALL | 503722 | 3632876 | 3.68E-07 | 28.72YrCa | 3.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3234 | ALL | 503822 | 3632876 | 2.32E-07 | 28.72YrCa | 2.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3235 | ALL | 503922 | 3632876 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3236 | ALL | 504022 | 3632876 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3237 | ALL | 504122 | 3632876 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3238 | ALL | 504222 | 3632876 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3239 | ALL | 504322 | 3632876 | 1.28E-07 | 28.72YrCa | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3240 | ALL | 504422 | 3632876 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3241 | ALL | 504522 | 3632876 | 1.18E-07 | 28.72YrCa | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3242 | ALL | 504622 | 3632876 | 1.16E-07 | 28.72YrCa | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3243 | ALL | 504722 | 3632876 | 1.13E-07 | 28.72YrCa | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3244 | ALL | 504822 | 3632876 | 1.10E-07 | 28.72YrCa | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3245 | ALL | 504922 | 3632876 | 1.09E-07 | 28.72YrCa | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3246 | ALL | 505022 | 3632876 | 1.07E-07 | 28.72YrCa | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3247 | ALL | 505122 | 3632876 | 1.06E-07 | 28.72YrCa | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3248 | ALL | 505222 | 3632876 | 1.06E-07 | 28.72YrCa | 1.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3249 | ALL | 505322 | 3632876 | 1.07E-07 | 28.72YrCa | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3250 | ALL | 505422 | 3632876 | 1.09E-07 | 28.72YrCa | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3251 | ALL | 505522 | 3632876 | 1.08E-07 | 28.72YrCa | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3252 | ALL | 505622 | 3632876 | 1.08E-07 | 28.72YrCa | 1.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3253 | ALL | 505722 | 3632876 | 1.04E-07 | 28.72YrCa | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3254 | ALL | 501722 | 3632976 | 2.65E-07 | 28.72YrCa | 2.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3255 | ALL | 501822 | 3632976 | 2.91E-07 | 28.72YrCa | 2.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3256 | ALL | 501922 | 3632976 | 3.11E-07 | 28.72YrCa | 3.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3257 | ALL | 502022 | 3632976 | 3.27E-07 | 28.72YrCa | 3.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3258 | ALL | 502122 | 3632976 | 3.39E-07 | 28.72YrCa | 3.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3259 | ALL | 505322 | 3632976 | 1.19E-07 | 28.72YrCa | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3260 | ALL | 505422 | 3632976 | 1.19E-07 | 28.72YrCa | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3261 | ALL | 505522 | 3632976 | 1.19E-07 | 28.72YrCa | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3262 | ALL | 505622 | 3632976 | 1.16E-07 | 28.72YrCa | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3263 | ALL | 505722 | 3632976 | 1.12E-07 | 28.72YrCa | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3264 | ALL | 501722 | 3633076 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3265 | ALL | 501822 | 3633076 | 2.36E-07 | 28.72YrCa | 2.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3266 | ALL | 501922 | 3633076 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3267 | ALL | 502022 | 3633076 | 2.67E-07 | 28.72YrCa | 2.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3268 | ALL | 502122 | 3633076 | 2.80E-07 | 28.72YrCa | 2.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3269 | ALL | 505322 | 3633076 | 1.31E-07 | 28.72YrCa | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3270 | ALL | 505422 | 3633076 | 1.31E-07 | 28.72YrCa | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3271 | ALL | 505522 | 3633076 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3272 | ALL | 505622 | 3633076 | 1.26E-07 | 28.72YrCa | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3273 | ALL | 505722 | 3633076 | 1.18E-07 | 28.72YrCa | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3274 | ALL | 501722 | 3633176 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3275 | ALL | 501822 | 3633176 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3276 | ALL | 501922 | 3633176 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3277 | ALL | 502022 | 3633176 | 2.37E-07 | 28.72YrCa | 2.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3278 | ALL | 502122 | 3633176 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3279 | ALL | 505322 | 3633176 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3280 | ALL | 505422 | 3633176 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3281 | ALL | 505522 | 3633176 | 1.39E-07 | 28.72YrCa | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3282 | ALL | 505622 | 3633176 | 1.36E-07 | 28.72YrCa | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3283 | ALL | 505722 | 3633176 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3284 | ALL | 501722 | 3633276 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3285 | ALL | 501822 | 3633276 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3286 | ALL | 501922 | 3633276 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3287 | ALL | 502022 | 3633276 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3288 | ALL | 502122 | 3633276 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3289 | ALL | 505322 | 3633276 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3290 | ALL | 505422 | 3633276 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3291 | ALL | 505522 | 3633276 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3292 | ALL | 505622 | 3633276 | 1.46E-07 | 28.72YrCa | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3293 | ALL | 505722 | 3633276 | 1.37E-07 | 28.72YrCa | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3294 | ALL | 501722 | 3633376 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3295 | ALL | 501822 | 3633376 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3296 | ALL | 501922 | 3633376 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3297 | ALL | 502022 | 3633376 | 2.12E-07 | 28.72YrCa | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3298 | ALL | 502122 | 3633376 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3299 | ALL | 505322 | 3633376 | 1.72E-07 | 28.72YrCa | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3300 | ALL | 505422 | 3633376 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3301 | ALL | 505522 | 3633376 | 1.54E-07 | 28.72YrCa | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3302 | ALL | 505622 | 3633376 | 1.54E-07 | 28.72YrCa | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3303 | ALL | 505722 | 3633376 | 1.46E-07 | 28.72YrCa | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3304 | ALL | 501722 | 3633476 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3305 | ALL | 501822 | 3633476 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3306 | ALL | 501922 | 3633476 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3307 | ALL | 502022 | 3633476 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3308 | ALL | 502122 | 3633476 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3309 | ALL | 505322 | 3633476 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3310 | ALL | 505422 | 3633476 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3311 | ALL | 505522 | 3633476 | 1.63E-07 | 28.72YrCa | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3312 | ALL | 505622 | 3633476 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3313 | ALL | 505722 | 3633476 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3314 | ALL | 501722 | 3633576 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3315 | ALL | 501822 | 3633576 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3316 | ALL | 501922 | 3633576 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3317 | ALL | 502022 | 3633576 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3318 | ALL | 502122 | 3633576 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3319 | ALL | 505322 | 3633576 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3320 | ALL | 505422 | 3633576 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3321 | ALL | 505522 | 3633576 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3322 | ALL | 505622 | 3633576 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3323 | ALL | 505722 | 3633576 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3324 | ALL | 501722 | 3633676 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3325 | ALL | 501822 | 3633676 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3326 | ALL | 501922 | 3633676 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3327 | ALL | 502022 | 3633676 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3328 | ALL | 502122 | 3633676 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3329 | ALL | 505322 | 3633676 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3330 | ALL | 505422 | 3633676 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3331 | ALL | 505522 | 3633676 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3332 | ALL | 505622 | 3633676 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3333 | ALL | 505722 | 3633676 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3334 | ALL | 501722 | 3633776 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3335 | ALL | 501822 | 3633776 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3336 | ALL | 501922 | 3633776 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3337 | ALL | 502022 | 3633776 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3338 | ALL | 502122 | 3633776 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3339 | ALL | 505322 | 3633776 | 2.01E-07 | 28.72YrCa | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3340 | ALL | 505422 | 3633776 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3341 | ALL | 505522 | 3633776 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3342 | ALL | 505622 | 3633776 | 1.62E-07 | 28.72YrCa | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3343 | ALL | 505722 | 3633776 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3344 | ALL | 501722 | 3633876 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3345 | ALL | 501822 | 3633876 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3346 | ALL | 501922 | 3633876 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3347 | ALL | 502022 | 3633876 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3348 | ALL | 502122 | 3633876 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3349 | ALL | 505322 | 3633876 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3350 | ALL | 505422 | 3633876 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3351 | ALL | 505522 | 3633876 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3352 | ALL | 505622 | 3633876 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3353 | ALL | 505722 | 3633876 | 1.58E-07 | 28.72YrCa | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3354 | ALL | 501722 | 3633976 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3355 | ALL | 501822 | 3633976 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3356 | ALL | 501922 | 3633976 | 1.92E-07 | 28.72YrCa | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3357 | ALL | 502022 | 3633976 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3358 | ALL | 502122 | 3633976 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3359 | ALL | 505322 | 3633976 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3360 | ALL | 505422 | 3633976 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3361 | ALL | 505522 | 3633976 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3362 | ALL | 505622 | 3633976 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3363 | ALL | 505722 | 3633976 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3364 | ALL | 501722 | 3634076 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3365 | ALL | 501822 | 3634076 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3366 | ALL | 501922 | 3634076 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3367 | ALL | 502022 | 3634076 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3368 | ALL | 502122 | 3634076 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3369 | ALL | 505322 | 3634076 | 1.96E-07 | 28.72YrCa | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3370 | ALL | 505422 | 3634076 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3371 | ALL | 505522 | 3634076 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3372 | ALL | 505622 | 3634076 | 1.63E-07 | 28.72YrCa | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3373 | ALL | 505722 | 3634076 | 1.46E-07 | 28.72YrCa | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3374 | ALL | 501722 | 3634176 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3375 | ALL | 501822 | 3634176 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3376 | ALL | 501922 | 3634176 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3377 | ALL | 502022 | 3634176 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3378 | ALL | 502122 | 3634176 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3379 | ALL | 505322 | 3634176 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3380 | ALL | 505422 | 3634176 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3381 | ALL | 505522 | 3634176 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3382 | ALL | 505622 | 3634176 | 1.56E-07 | 28.72YrCa | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3383 | ALL | 505722 | 3634176 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3384 | ALL | 501722 | 3634276 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3385 | ALL | 501822 | 3634276 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3386 | ALL | 501922 | 3634276 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3387 | ALL | 502022 | 3634276 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3388 | ALL | 502122 | 3634276 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3389 | ALL | 505322 | 3634276 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3390 | ALL | 505422 | 3634276 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3391 | ALL | 505522 | 3634276 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3392 | ALL | 505622 | 3634276 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3393 | ALL | 505722 | 3634276 | 1.34E-07 | 28.72YrCa | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3394 | ALL | 501722 | 3634376 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3395 | ALL | 501822 | 3634376 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3396 | ALL | 501922 | 3634376 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3397 | ALL | 502022 | 3634376 | 2.10E-07 | 28.72YrCa | 2.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3398 | ALL | 502122 | 3634376 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3399 | ALL | 505322 | 3634376 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3400 | ALL | 505422 | 3634376 | 2.06E-07 | 28.72YrCa | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3401 | ALL | 505522 | 3634376 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3402 | ALL | 505622 | 3634376 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3403 | ALL | 505722 | 3634376 | 1.29E-07 | 28.72YrCa | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3404 | ALL | 501722 | 3634476 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3405 | ALL | 501822 | 3634476 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3406 | ALL | 501922 | 3634476 | 1.95E-07 | 28.72YrCa | 1.95E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3407 | ALL | 502022 | 3634476 | 2.12E-07 | 28.72YrCa | 2.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3408 | ALL | 502122 | 3634476 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3409 | ALL | 505322 | 3634476 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3410 | ALL | 505422 | 3634476 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3411 | ALL | 505522 | 3634476 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3412 | ALL | 505622 | 3634476 | 1.54E-07 | 28.72YrCa | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3413 | ALL | 505722 | 3634476 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3414 | ALL | 501722 | 3634576 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3415 | ALL | 501822 | 3634576 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3416 | ALL | 501922 | 3634576 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3417 | ALL | 502022 | 3634576 | 2.11E-07 | 28.72YrCa | 2.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3418 | ALL | 502122 | 3634576 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3419 | ALL | 505322 | 3634576 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3420 | ALL | 505422 | 3634576 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3421 | ALL | 505522 | 3634576 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3422 | ALL | 505622 | 3634576 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3423 | ALL | 505722 | 3634576 | 1.36E-07 | 28.72YrCa | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3424 | ALL | 501722 | 3634676 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3425 | ALL | 501822 | 3634676 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3426 | ALL | 501922 | 3634676 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3427 | ALL | 502022 | 3634676 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3428 | ALL | 502122 | 3634676 | 2.27E-07 | 28.72YrCa | 2.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3429 | ALL | 505322 | 3634676 | 2.22E-07 | 28.72YrCa | 2.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3430 | ALL | 505422 | 3634676 | 2.44E-07 | 28.72YrCa | 2.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3431 | ALL | 505522 | 3634676 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3432 | ALL | 505622 | 3634676 | 2.00E-07 | 28.72YrCa | 2.00E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3433 | ALL | 505722 | 3634676 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3434 | ALL | 501722 | 3634776 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3435 | ALL | 501822 | 3634776 | 1.77E-07 | 28.72YrCa | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3436 | ALL | 501922 | 3634776 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3437 | ALL | 502022 | 3634776 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3438 | ALL | 502122 | 3634776 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3439 | ALL | 505322 | 3634776 | 2.24E-07 | 28.72YrCa | 2.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3440 | ALL | 505422 | 3634776 | 2.63E-07 | 28.72YrCa | 2.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3441 | ALL | 505522 | 3634776 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3442 | ALL | 505622 | 3634776 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3443 | ALL | 505722 | 3634776 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3444 | ALL | 501722 | 3634876 | 1.62E-07 | 28.72YrCa | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3445 | ALL | 501822 | 3634876 | 1.74E-07 | 28.72YrCa | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3446 | ALL | 501922 | 3634876 | 1.87E-07 | 28.72YrCa | 1.87E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3447 | ALL | 502022 | 3634876 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3448 | ALL | 502122 | 3634876 | 2.19E-07 | 28.72YrCa | 2.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3449 | ALL | 505322 | 3634876 | 2.40E-07 | 28.72YrCa | 2.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3450 | ALL | 505422 | 3634876 | 2.59E-07 | 28.72YrCa | 2.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3451 | ALL | 505522 | 3634876 | 2.39E-07 | 28.72YrCa | 2.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3452 | ALL | 505622 | 3634876 | 2.21E-07 | 28.72YrCa | 2.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3453 | ALL | 505722 | 3634876 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3454 | ALL | 501722 | 3634976 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3455 | ALL | 501822 | 3634976 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3456 | ALL | 501922 | 3634976 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3457 | ALL | 502022 | 3634976 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3458 | ALL | 502122 | 3634976 | 2.13E-07 | 28.72YrCa | 2.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3459 | ALL | 505322 | 3634976 | 2.51E-07 | 28.72YrCa | 2.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3460 | ALL | 505422 | 3634976 | 2.52E-07 | 28.72YrCa | 2.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3461 | ALL | 505522 | 3634976 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3462 | ALL | 505622 | 3634976 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3463 | ALL | 505722 | 3634976 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3464 | ALL | 501722 | 3635076 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3465 | ALL | 501822 | 3635076 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3466 | ALL | 501922 | 3635076 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3467 | ALL | 502022 | 3635076 | 2.14E-07 | 28.72YrCa | 2.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3468 | ALL | 502122 | 3635076 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3469 | ALL | 505322 | 3635076 | 2.56E-07 | 28.72YrCa | 2.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3470 | ALL | 505422 | 3635076 | 2.47E-07 | 28.72YrCa | 2.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3471 | ALL | 505522 | 3635076 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3472 | ALL | 505622 | 3635076 | 2.13E-07 | 28.72YrCa | 2.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3473 | ALL | 505722 | 3635076 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3474 | ALL | 501722 | 3635176 | 1.72E-07 | 28.72YrCa | 1.72E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3475 | ALL | 501822 | 3635176 | 1.80E-07 | 28.72YrCa | 1.80E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3476 | ALL | 501922 | 3635176 | 1.96E-07 | 28.72YrCa | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3477 | ALL | 502022 | 3635176 | 2.06E-07 | 28.72YrCa | 2.06E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3478 | ALL | 502122 | 3635176 | 2.07E-07 | 28.72YrCa | 2.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3479 | ALL | 505322 | 3635176 | 2.74E-07 | 28.72YrCa | 2.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3480 | ALL | 505422 | 3635176 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3481 | ALL | 505522 | 3635176 | 2.33E-07 | 28.72YrCa | 2.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3482 | ALL | 505622 | 3635176 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3483 | ALL | 505722 | 3635176 | 1.99E-07 | 28.72YrCa | 1.99E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3484 | ALL | 501722 | 3635276 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3485 | ALL | 501822 | 3635276 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3486 | ALL | 501922 | 3635276 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3487 | ALL | 502022 | 3635276 | 1.94E-07 | 28.72YrCa | 1.94E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3488 | ALL | 502122 | 3635276 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3489 | ALL | 505622 | 3635276 | 2.54E-07 | 28.72YrCa | 2.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3490 | ALL | 505722 | 3635276 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3491 | ALL | 501722 | 3635376 | 1.54E-07 | 28.72YrCa | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3492 | ALL | 501822 | 3635376 | 1.62E-07 | 28.72YrCa | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3493 | ALL | 501922 | 3635376 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3494 | ALL | 502022 | 3635376 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3495 | ALL | 502122 | 3635376 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3496 | ALL | 505622 | 3635376 | 2.49E-07 | 28.72YrCa | 2.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3497 | ALL | 501722 | 3635476 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3498 | ALL | 501822 | 3635476 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3499 | ALL | 501922 | 3635476 | 1.58E-07 | 28.72YrCa | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3500 | ALL | 502022 | 3635476 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3501 | ALL | 502122 | 3635476 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3502 | ALL | 505622 | 3635476 | 1.92E-07 | 28.72YrCa | 1.92E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3503 | ALL | 505722 | 3635476 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3504 | ALL | 501722 | 3635576 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3505 | ALL | 501822 | 3635576 | 1.37E-07 | 28.72YrCa | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3506 | ALL | 501922 | 3635576 | 1.46E-07 | 28.72YrCa | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3507 | ALL | 502022 | 3635576 | 1.54E-07 | 28.72YrCa | 1.54E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3508 | ALL | 502122 | 3635576 | 1.62E-07 | 28.72YrCa | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3509 | ALL | 505322 | 3635576 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3510 | ALL | 505422 | 3635576 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3511 | ALL | 505522 | 3635576 | 1.83E-07 | 28.72YrCa | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3512 | ALL | 505622 | 3635576 | 1.73E-07 | 28.72YrCa | 1.73E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3513 | ALL | 505722 | 3635576 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3514 | ALL | 501722 | 3635676 | 1.20E-07 | 28.72YrCa | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3515 | ALL | 501822 | 3635676 | 1.28E-07 | 28.72YrCa | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3516 | ALL | 501922 | 3635676 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3517 | ALL | 502022 | 3635676 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3518 | ALL | 502122 | 3635676 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3519 | ALL | 505322 | 3635676 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3520 | ALL | 505422 | 3635676 | 1.79E-07 | 28.72YrCa | 1.79E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3521 | ALL | 505522 | 3635676 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3522 | ALL | 505622 | 3635676 | 1.61E-07 | 28.72YrCa | 1.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3523 | ALL | 505722 | 3635676 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3524 | ALL | 501722 | 3635776 | 1.10E-07 | 28.72YrCa | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3525 | ALL | 501822 | 3635776 | 1.19E-07 | 28.72YrCa | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3526 | ALL | 501922 | 3635776 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3527 | ALL | 502022 | 3635776 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3528 | ALL | 502122 | 3635776 | 1.40E-07 | 28.72YrCa | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3529 | ALL | 505322 | 3635776 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3530 | ALL | 505422 | 3635776 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3531 | ALL | 505522 | 3635776 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3532 | ALL | 505622 | 3635776 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3533 | ALL | 505722 | 3635776 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3534 | ALL | 501722 | 3635876 | 1.01E-07 | 28.72YrCa | 1.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3535 | ALL | 501822 | 3635876 | 1.10E-07 | 28.72YrCa | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3536 | ALL | 501922 | 3635876 | 1.19E-07 | 28.72YrCa | 1.19E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3537 | ALL | 502022 | 3635876 | 1.25E-07 | 28.72YrCa | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3538 | ALL | 502122 | 3635876 | 1.32E-07 | 28.72YrCa | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3539 | ALL | 505322 | 3635876 | 1.74E-07 | 28.72YrCa | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3540 | ALL | 505422 | 3635876 | 1.62E-07 | 28.72YrCa | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3541 | ALL | 505522 | 3635876 | 1.52E-07 | 28.72YrCa | 1.52E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3542 | ALL | 505622 | 3635876 | 1.44E-07 | 28.72YrCa | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3543 | ALL | 505722 | 3635876 | 1.36E-07 | 28.72YrCa | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3544 | ALL | 501722 | 3635976 | 9.55E-08 | 28.72YrCa | 9.55E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3545 | ALL | 501822 | 3635976 | 1.04E-07 | 28.72YrCa | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3546 | ALL | 501922 | 3635976 | 1.11E-07 | 28.72YrCa | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3547 | ALL | 502022 | 3635976 | 1.17E-07 | 28.72YrCa | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3548 | ALL | 502122 | 3635976 | 1.23E-07 | 28.72YrCa | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3549 | ALL | 505322 | 3635976 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3550 | ALL | 505422 | 3635976 | 1.55E-07 | 28.72YrCa | 1.55E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3551 | ALL | 505522 | 3635976 | 1.46E-07 | 28.72YrCa | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3552 | ALL | 505622 | 3635976 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3553 | ALL | 505722 | 3635976 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3554 | ALL | 501722 | 3636076 | 9.19E-08 | 28.72YrCa | 9.19E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3555 | ALL | 501822 | 3636076 | 9.79E-08 | 28.72YrCa | 9.79E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3556 | ALL | 501922 | 3636076 | 1.04E-07 | 28.72YrCa | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3557 | ALL | 502022 | 3636076 | 1.10E-07 | 28.72YrCa | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3558 | ALL | 502122 | 3636076 | 1.16E-07 | 28.72YrCa | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3559 | ALL | 502222 | 3636076 | 1.24E-07 | 28.72YrCa | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3560 | ALL | 502322 | 3636076 | 1.34E-07 | 28.72YrCa | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3561 | ALL | 502422 | 3636076 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3562 | ALL | 502522 | 3636076 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3563 | ALL | 502622 | 3636076 | 1.59E-07 | 28.72YrCa | 1.59E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3564 | ALL | 502722 | 3636076 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3565 | ALL | 502822 | 3636076 | 1.77E-07 | 28.72YrCa | 1.77E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3566 | ALL | 502922 | 3636076 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3567 | ALL | 503022 | 3636076 | 1.90E-07 | 28.72YrCa | 1.90E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3568 | ALL | 503122 | 3636076 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3569 | ALL | 503222 | 3636076 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3570 | ALL | 503322 | 3636076 | 2.16E-07 | 28.72YrCa | 2.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3571 | ALL | 503422 | 3636076 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3572 | ALL | 503522 | 3636076 | 2.38E-07 | 28.72YrCa | 2.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3573 | ALL | 503622 | 3636076 | 2.45E-07 | 28.72YrCa | 2.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3574 | ALL | 503722 | 3636076 | 2.48E-07 | 28.72YrCa | 2.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3575 | ALL | 503822 | 3636076 | 2.50E-07 | 28.72YrCa | 2.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3576 | ALL | 503922 | 3636076 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3577 | ALL | 504022 | 3636076 | 2.57E-07 | 28.72YrCa | 2.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3578 | ALL | 504122 | 3636076 | 2.60E-07 | 28.72YrCa | 2.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3579 | ALL | 504222 | 3636076 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3580 | ALL | 504322 | 3636076 | 2.61E-07 | 28.72YrCa | 2.61E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3581 | ALL | 504422 | 3636076 | 2.53E-07 | 28.72YrCa | 2.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3582 | ALL | 504522 | 3636076 | 2.42E-07 | 28.72YrCa | 2.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3583 | ALL | 504622 | 3636076 | 2.34E-07 | 28.72YrCa | 2.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3584 | ALL | 504722 | 3636076 | 2.25E-07 | 28.72YrCa | 2.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3585 | ALL | 504822 | 3636076 | 2.08E-07 | 28.72YrCa | 2.08E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3586 | ALL | 504922 | 3636076 | 1.93E-07 | 28.72YrCa | 1.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3587 | ALL | 505022 | 3636076 | 1.83E-07 | 28.72YrCa | 1.83E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3588 | ALL | 505122 | 3636076 | 1.74E-07 | 28.72YrCa | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3589 | ALL | 505222 | 3636076 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3590 | ALL | 505322 | 3636076 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3591 | ALL | 505422 | 3636076 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3592 | ALL | 505522 | 3636076 | 1.40E-07 | 28.72YrCa | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3593 | ALL | 505622 | 3636076 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3594 | ALL | 505722 | 3636076 | 1.26E-07 | 28.72YrCa | 1.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3595 | ALL | 501722 | 3636176 | 8.59E-08 | 28.72YrCa | 8.59E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3596 | ALL | 501822 | 3636176 | 9.18E-08 | 28.72YrCa | 9.18E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3597 | ALL | 501922 | 3636176 | 9.86E-08 | 28.72YrCa | 9.86E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3598 | ALL | 502022 | 3636176 | 1.04E-07 | 28.72YrCa | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3599 | ALL | 502122 | 3636176 | 1.10E-07 | 28.72YrCa | 1.10E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3600 | ALL | 502222 | 3636176 | 1.18E-07 | 28.72YrCa | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3601 | ALL | 502322 | 3636176 | 1.28E-07 | 28.72YrCa | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3602 | ALL | 502422 | 3636176 | 1.36E-07 | 28.72YrCa | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3603 | ALL | 502522 | 3636176 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3604 | ALL | 502622 | 3636176 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3605 | ALL | 502722 | 3636176 | 1.58E-07 | 28.72YrCa | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3606 | ALL | 502822 | 3636176 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3607 | ALL | 502922 | 3636176 | 1.71E-07 | 28.72YrCa | 1.71E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3608 | ALL | 503022 | 3636176 | 1.74E-07 | 28.72YrCa | 1.74E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3609 | ALL | 503122 | 3636176 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3610 | ALL | 503222 | 3636176 | 1.84E-07 | 28.72YrCa | 1.84E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3611 | ALL | 503322 | 3636176 | 1.98E-07 | 28.72YrCa | 1.98E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3612 | ALL | 503422 | 3636176 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3613 | ALL | 503522 | 3636176 | 2.17E-07 | 28.72YrCa | 2.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3614 | ALL | 503622 | 3636176 | 2.23E-07 | 28.72YrCa | 2.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3615 | ALL | 503722 | 3636176 | 2.26E-07 | 28.72YrCa | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3616 | ALL | 503822 | 3636176 | 2.26E-07 | 28.72YrCa | 2.26E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3617 | ALL | 503922 | 3636176 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3618 | ALL | 504022 | 3636176 | 2.29E-07 | 28.72YrCa | 2.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3619 | ALL | 504122 | 3636176 | 2.28E-07 | 28.72YrCa | 2.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3620 | ALL | 504222 | 3636176 | 2.30E-07 | 28.72YrCa | 2.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3621 | ALL | 504322 | 3636176 | 2.20E-07 | 28.72YrCa | 2.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3622 | ALL | 504422 | 3636176 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3623 | ALL | 504522 | 3636176 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3624 | ALL | 504622 | 3636176 | 1.89E-07 | 28.72YrCa | 1.89E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3625 | ALL | 504722 | 3636176 | 2.09E-07 | 28.72YrCa | 2.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3626 | ALL | 504822 | 3636176 | 2.01E-07 | 28.72YrCa | 2.01E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3627 | ALL | 504922 | 3636176 | 1.91E-07 | 28.72YrCa | 1.91E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3628 | ALL | 505022 | 3636176 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3629 | ALL | 505122 | 3636176 | 1.65E-07 | 28.72YrCa | 1.65E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3630 | ALL | 505222 | 3636176 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3631 | ALL | 505322 | 3636176 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3632 | ALL | 505422 | 3636176 | 1.43E-07 | 28.72YrCa | 1.43E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3633 | ALL | 505522 | 3636176 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3634 | ALL | 505622 | 3636176 | 1.28E-07 | 28.72YrCa | 1.28E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3635 | ALL | 505722 | 3636176 | 1.21E-07 | 28.72YrCa | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3636 | ALL | 501722 | 3636276 | 8.22E-08 | 28.72YrCa | 8.22E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3637 | ALL | 501822 | 3636276 | 8.74E-08 | 28.72YrCa | 8.74E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3638 | ALL | 501922 | 3636276 | 9.36E-08 | 28.72YrCa | 9.36E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3639 | ALL | 502022 | 3636276 | 9.99E-08 | 28.72YrCa | 9.99E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3640 | ALL | 502122 | 3636276 | 1.07E-07 | 28.72YrCa | 1.07E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3641 | ALL | 502222 | 3636276 | 1.15E-07 | 28.72YrCa | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3642 | ALL | 502322 | 3636276 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3643 | ALL | 502422 | 3636276 | 1.29E-07 | 28.72YrCa | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3644 | ALL | 502522 | 3636276 | 1.36E-07 | 28.72YrCa | 1.36E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3645 | ALL | 502622 | 3636276 | 1.42E-07 | 28.72YrCa | 1.42E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3646 | ALL | 502722 | 3636276 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3647 | ALL | 502822 | 3636276 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3648 | ALL | 502922 | 3636276 | 1.58E-07 | 28.72YrCa | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3649 | ALL | 503022 | 3636276 | 1.63E-07 | 28.72YrCa | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3650 | ALL | 503122 | 3636276 | 1.63E-07 | 28.72YrCa | 1.63E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3651 | ALL | 503222 | 3636276 | 1.66E-07 | 28.72YrCa | 1.66E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3652 | ALL | 503322 | 3636276 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3653 | ALL | 503422 | 3636276 | 1.88E-07 | 28.72YrCa | 1.88E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3654 | ALL | 503522 | 3636276 | 1.96E-07 | 28.72YrCa | 1.96E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3655 | ALL | 503622 | 3636276 | 2.02E-07 | 28.72YrCa | 2.02E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3656 | ALL | 503722 | 3636276 | 2.04E-07 | 28.72YrCa | 2.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3657 | ALL | 503822 | 3636276 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3658 | ALL | 503922 | 3636276 | 2.05E-07 | 28.72YrCa | 2.05E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3659 | ALL | 504022 | 3636276 | 2.03E-07 | 28.72YrCa | 2.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3660 | ALL | 504122 | 3636276 | 1.97E-07 | 28.72YrCa | 1.97E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3661 | ALL | 504222 | 3636276 | 1.82E-07 | 28.72YrCa | 1.82E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3662 | ALL | 504322 | 3636276 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3663 | ALL | 504422 | 3636276 | 1.44E-07 | 28.72YrCa | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3664 | ALL | 504522 | 3636276 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3665 | ALL | 504622 | 3636276 | 1.49E-07 | 28.72YrCa | 1.49E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3666 | ALL | 504722 | 3636276 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3667 | ALL | 504822 | 3636276 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3668 | ALL | 504922 | 3636276 | 1.75E-07 | 28.72YrCa | 1.75E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3669 | ALL | 505022 | 3636276 | 1.69E-07 | 28.72YrCa | 1.69E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3670 | ALL | 505122 | 3636276 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3671 | ALL | 505222 | 3636276 | 1.50E-07 | 28.72YrCa | 1.50E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3672 | ALL | 505322 | 3636276 | 1.45E-07 | 28.72YrCa | 1.45E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3673 | ALL | 505422 | 3636276 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3674 | ALL | 505522 | 3636276 | 1.31E-07 | 28.72YrCa | 1.31E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3675 | ALL | 505622 | 3636276 | 1.24E-07 | 28.72YrCa | 1.24E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3676 | ALL | 505722 | 3636276 | 1.18E-07 | 28.72YrCa | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3677 | ALL | 501722 | 3636376 | 7.85E-08 | 28.72YrCa | 7.85E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3678 | ALL | 501822 | 3636376 | 8.38E-08 | 28.72YrCa | 8.38E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3679 | ALL | 501922 | 3636376 | 9.04E-08 | 28.72YrCa | 9.04E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3680 | ALL | 502022 | 3636376 | 9.61E-08 | 28.72YrCa | 9.61E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3681 | ALL | 502122 | 3636376 | 1.03E-07 | 28.72YrCa | 1.03E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3682 | ALL | 502222 | 3636376 | 1.09E-07 | 28.72YrCa | 1.09E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3683 | ALL | 502322 | 3636376 | 1.16E-07 | 28.72YrCa | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3684 | ALL | 502422 | 3636376 | 1.23E-07 | 28.72YrCa | 1.23E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3685 | ALL | 502522 | 3636376 | 1.29E-07 | 28.72YrCa | 1.29E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3686 | ALL | 502622 | 3636376 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3687 | ALL | 502722 | 3636376 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3688 | ALL | 502822 | 3636376 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3689 | ALL | 502922 | 3636376 | 1.44E-07 | 28.72YrCa | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3690 | ALL | 503022 | 3636376 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3691 | ALL | 503122 | 3636376 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3692 | ALL | 503222 | 3636376 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3693 | ALL | 503322 | 3636376 | 1.56E-07 | 28.72YrCa | 1.56E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3694 | ALL | 503422 | 3636376 | 1.70E-07 | 28.72YrCa | 1.70E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3695 | ALL | 503522 | 3636376 | 1.76E-07 | 28.72YrCa | 1.76E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3696 | ALL | 503622 | 3636376 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3697 | ALL | 503722 | 3636376 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3698 | ALL | 503822 | 3636376 | 1.85E-07 | 28.72YrCa | 1.85E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3699 | ALL | 503922 | 3636376 | 1.81E-07 | 28.72YrCa | 1.81E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3700 | ALL | 504022 | 3636376 | 1.78E-07 | 28.72YrCa | 1.78E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3701 | ALL | 504122 | 3636376 | 1.68E-07 | 28.72YrCa | 1.68E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3702 | ALL | 504222 | 3636376 | 1.48E-07 | 28.72YrCa | 1.48E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3703 | ALL | 504322 | 3636376 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3704 | ALL | 504422 | 3636376 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3705 | ALL | 504522 | 3636376 | 1.25E-07 | 28.72YrCa | 1.25E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3706 | ALL | 504622 | 3636376 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3707 | ALL | 504722 | 3636376 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3708 | ALL | 504822 | 3636376 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3709 | ALL | 504922 | 3636376 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3710 | ALL | 505022 | 3636376 | 1.57E-07 | 28.72YrCa | 1.57E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3711 | ALL | 505122 | 3636376 | 1.53E-07 | 28.72YrCa | 1.53E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3712 | ALL | 505222 | 3636376 | 1.46E-07 | 28.72YrCa | 1.46E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3713 | ALL | 505322 | 3636376 | 1.39E-07 | 28.72YrCa | 1.39E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3714 | ALL | 505422 | 3636376 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3715 | ALL | 505522 | 3636376 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3716 | ALL | 505622 | 3636376 | 1.21E-07 | 28.72YrCa | 1.21E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3717 | ALL | 505722 | 3636376 | 1.15E-07 | 28.72YrCa | 1.15E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3718 | ALL | 501722 | 3636476 | 7.35E-08 | 28.72YrCa | 7.35E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3719 | ALL | 501822 | 3636476 | 7.90E-08 | 28.72YrCa | 7.90E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3720 | ALL | 501922 | 3636476 | 8.68E-08 | 28.72YrCa | 8.68E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3721 | ALL | 502022 | 3636476 | 9.16E-08 | 28.72YrCa | 9.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3722 | ALL | 502122 | 3636476 | 9.71E-08 | 28.72YrCa | 9.71E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3723 | ALL | 502222 | 3636476 | 1.04E-07 | 28.72YrCa | 1.04E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3724 | ALL | 502322 | 3636476 | 1.11E-07 | 28.72YrCa | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3725 | ALL | 502422 | 3636476 | 1.17E-07 | 28.72YrCa | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3726 | ALL | 502522 | 3636476 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3727 | ALL | 502622 | 3636476 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3728 | ALL | 502722 | 3636476 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3729 | ALL | 502822 | 3636476 | 1.30E-07 | 28.72YrCa | 1.30E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3730 | ALL | 502922 | 3636476 | 1.32E-07 | 28.72YrCa | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3731 | ALL | 503022 | 3636476 | 1.33E-07 | 28.72YrCa | 1.33E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3732 | ALL | 503122 | 3636476 | 1.32E-07 | 28.72YrCa | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3733 | ALL | 503222 | 3636476 | 1.32E-07 | 28.72YrCa | 1.32E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3734 | ALL | 503322 | 3636476 | 1.41E-07 | 28.72YrCa | 1.41E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3735 | ALL | 503422 | 3636476 | 1.51E-07 | 28.72YrCa | 1.51E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3736 | ALL | 503522 | 3636476 | 1.58E-07 | 28.72YrCa | 1.58E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3737 | ALL | 503622 | 3636476 | 1.62E-07 | 28.72YrCa | 1.62E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3738 | ALL | 503722 | 3636476 | 1.67E-07 | 28.72YrCa | 1.67E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3739 | ALL | 503822 | 3636476 | 1.64E-07 | 28.72YrCa | 1.64E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3740 | ALL | 503922 | 3636476 | 1.60E-07 | 28.72YrCa | 1.60E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3741 | ALL | 504022 | 3636476 | 1.35E-07 | 28.72YrCa | 1.35E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3742 | ALL | 504122 | 3636476 | 1.38E-07 | 28.72YrCa | 1.38E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3743 | ALL | 504222 | 3636476 | 1.37E-07 | 28.72YrCa | 1.37E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3744 | ALL | 504322 | 3636476 | 1.20E-07 | 28.72YrCa | 1.20E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3745 | ALL | 504422 | 3636476 | 1.16E-07 | 28.72YrCa | 1.16E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3746 | ALL | 504522 | 3636476 | 1.14E-07 | 28.72YrCa | 1.14E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3747 | ALL | 504622 | 3636476 | 1.13E-07 | 28.72YrCa | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3748 | ALL | 504722 | 3636476 | 1.13E-07 | 28.72YrCa | 1.13E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3749 | ALL | 504822 | 3636476 | 1.12E-07 | 28.72YrCa | 1.12E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3750 | ALL | 504922 | 3636476 | 1.18E-07 | 28.72YrCa | 1.18E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3751 | ALL | 505022 | 3636476 | 1.44E-07 | 28.72YrCa | 1.44E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3752 | ALL | 505122 | 3636476 | 1.47E-07 | 28.72YrCa | 1.47E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3753 | ALL | 505222 | 3636476 | 1.40E-07 | 28.72YrCa | 1.40E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3754 | ALL | 505322 | 3636476 | 1.34E-07 | 28.72YrCa | 1.34E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3755 | ALL | 505422 | 3636476 | 1.27E-07 | 28.72YrCa | 1.27E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3756 | ALL | 505522 | 3636476 | 1.22E-07 | 28.72YrCa | 1.22E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3757 | ALL | 505622 | 3636476 | 1.17E-07 | 28.72YrCa | 1.17E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 3758 | ALL | 505722 | 3636476 | 1.11E-07 | 28.72YrCa | 1.11E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

3.80E-06

3.80E+00

| Cancer REC | Construction RISK_SUM | Operation RISK_SUM | Total Combined |
|---|---|---|---|
| 1 | 9.57E-08 | 3.29E-07 | 4.25E-07 |
| 2 | 9.98E-08 | 3.41E-07 | 4.41E-07 |
| 3 | 1.04E-07 | 3.55E-07 | 4.59E-07 |
| 4 | 1.09E-07 | 3.69E-07 | 4.78E-07 |
| 5 | 1.13E-07 | 3.84E-07 | 4.97E-07 |
| 6 | 1.18E-07 | 4.00E-07 | 5.18E-07 |
| 7 | 1.23E-07 | 4.18E-07 | 5.41E-07 |
| 8 | 1.28E-07 | 4.37E-07 | 5.65E-07 |
| 9 | 1.34E-07 | 4.58E-07 | 5.92E-07 |
| 10 | 1.39E-07 | 4.80E-07 | 6.19E-07 |
| 11 | 1.44E-07 | 5.08E-07 | 6.52E-07 |
| 12 | 1.49E-07 | 5.38E-07 | 6.87E-07 |
| 13 | 1.26E-07 | 5.12E-07 | 6.38E-07 |
| 14 | 9.37E-08 | 4.72E-07 | 5.66E-07 |
| 15 | 9.54E-08 | 5.38E-07 | 6.33E-07 |
| 16 | 9.82E-08 | 6.65E-07 | 7.63E-07 |
| 17 | 1.03E-07 | 1.06E-06 | 1.16E-06 |
| 18 | 1.05E-07 | 8.79E-07 | 9.84E-07 |
| 19 | 9.31E-08 | 5.64E-07 | 6.57E-07 |
| 20 | 8.55E-08 | 4.44E-07 | 5.30E-07 |
| 21 | 8.66E-08 | 4.10E-07 | 4.97E-07 |
| 22 | 8.29E-08 | 3.63E-07 | 4.46E-07 |
| 23 | 8.33E-08 | 3.44E-07 | 4.27E-07 |
| 24 | 8.99E-08 | 3.56E-07 | 4.46E-07 |
| 25 | 9.09E-08 | 3.45E-07 | 4.36E-07 |
| 26 | 8.70E-08 | 3.19E-07 | 4.06E-07 |
| 27 | 8.83E-08 | 3.15E-07 | 4.03E-07 |
| 28 | 9.20E-08 | 3.21E-07 | 4.13E-07 |
| 29 | 8.84E-08 | 3.02E-07 | 3.90E-07 |
| 30 | 9.03E-08 | 3.04E-07 | 3.94E-07 |
| 31 | 9.36E-08 | 3.10E-07 | 4.04E-07 |
| 32 | 9.37E-08 | 3.06E-07 | 4.00E-07 |
| 33 | 8.53E-08 | 2.75E-07 | 3.60E-07 |
| 34 | 8.00E-08 | 2.53E-07 | 3.33E-07 |
| 35 | 7.72E-08 | 2.41E-07 | 3.18E-07 |
| 36 | 7.64E-08 | 2.35E-07 | 3.11E-07 |
| 37 | 7.79E-08 | 2.38E-07 | 3.16E-07 |
| 38 | 8.03E-08 | 2.43E-07 | 3.23E-07 |
| 39 | 8.14E-08 | 2.45E-07 | 3.26E-07 |
| 40 | 8.36E-08 | 2.51E-07 | 3.35E-07 |
| 41 | 9.95E-08 | 3.33E-07 | 4.33E-07 |
| 42 | 1.04E-07 | 3.46E-07 | 4.50E-07 |

| | | | |
|---|---|---|---|
| 43 | 1.09E-07 | 3.60E-07 | 4.69E-07 |
| 44 | 1.14E-07 | 3.76E-07 | 4.90E-07 |
| 45 | 1.19E-07 | 3.93E-07 | 5.12E-07 |
| 46 | 1.24E-07 | 4.10E-07 | 5.34E-07 |
| 47 | 1.30E-07 | 4.29E-07 | 5.59E-07 |
| 48 | 1.36E-07 | 4.50E-07 | 5.86E-07 |
| 49 | 1.41E-07 | 4.72E-07 | 6.13E-07 |
| 50 | 1.48E-07 | 4.96E-07 | 6.44E-07 |
| 51 | 1.54E-07 | 5.25E-07 | 6.79E-07 |
| 52 | 1.59E-07 | 5.58E-07 | 7.17E-07 |
| 53 | 1.61E-07 | 5.79E-07 | 7.40E-07 |
| 54 | 1.26E-07 | 5.46E-07 | 6.72E-07 |
| 55 | 1.22E-07 | 6.00E-07 | 7.22E-07 |
| 56 | 1.23E-07 | 7.19E-07 | 8.42E-07 |
| 57 | 1.20E-07 | 1.03E-06 | 1.15E-06 |
| 58 | 1.29E-07 | 1.12E-06 | 1.25E-06 |
| 59 | 1.20E-07 | 7.53E-07 | 8.73E-07 |
| 60 | 1.20E-07 | 6.26E-07 | 7.46E-07 |
| 61 | 1.08E-07 | 5.01E-07 | 6.09E-07 |
| 62 | 9.75E-08 | 4.19E-07 | 5.17E-07 |
| 63 | 1.01E-07 | 4.12E-07 | 5.13E-07 |
| 64 | 1.10E-07 | 4.24E-07 | 5.34E-07 |
| 65 | 1.06E-07 | 3.96E-07 | 5.02E-07 |
| 66 | 1.00E-07 | 3.61E-07 | 4.61E-07 |
| 67 | 1.02E-07 | 3.59E-07 | 4.61E-07 |
| 68 | 1.07E-07 | 3.69E-07 | 4.76E-07 |
| 69 | 1.08E-07 | 3.63E-07 | 4.71E-07 |
| 70 | 1.09E-07 | 3.60E-07 | 4.69E-07 |
| 71 | 1.06E-07 | 3.44E-07 | 4.50E-07 |
| 72 | 9.24E-08 | 2.97E-07 | 3.89E-07 |
| 73 | 8.79E-08 | 2.78E-07 | 3.66E-07 |
| 74 | 8.47E-08 | 2.64E-07 | 3.49E-07 |
| 75 | 8.33E-08 | 2.55E-07 | 3.38E-07 |
| 76 | 8.51E-08 | 2.59E-07 | 3.44E-07 |
| 77 | 8.83E-08 | 2.67E-07 | 3.55E-07 |
| 78 | 9.07E-08 | 2.73E-07 | 3.64E-07 |
| 79 | 9.10E-08 | 2.71E-07 | 3.62E-07 |
| 80 | 9.04E-08 | 2.68E-07 | 3.58E-07 |
| 81 | 1.03E-07 | 3.38E-07 | 4.41E-07 |
| 82 | 1.08E-07 | 3.52E-07 | 4.60E-07 |
| 83 | 1.13E-07 | 3.67E-07 | 4.80E-07 |
| 84 | 1.19E-07 | 3.84E-07 | 5.03E-07 |
| 85 | 1.25E-07 | 4.02E-07 | 5.27E-07 |
| 86 | 1.31E-07 | 4.21E-07 | 5.52E-07 |

| | | | |
|---|---|---|---|
| 87 | 1.37E-07 | 4.42E-07 | 5.79E-07 |
| 88 | 1.43E-07 | 4.64E-07 | 6.07E-07 |
| 89 | 1.50E-07 | 4.88E-07 | 6.38E-07 |
| 90 | 1.57E-07 | 5.14E-07 | 6.71E-07 |
| 91 | 1.64E-07 | 5.45E-07 | 7.09E-07 |
| 92 | 1.71E-07 | 5.79E-07 | 7.50E-07 |
| 93 | 1.77E-07 | 6.12E-07 | 7.89E-07 |
| 94 | 1.58E-07 | 6.08E-07 | 7.66E-07 |
| 95 | 1.56E-07 | 6.58E-07 | 8.14E-07 |
| 96 | 1.53E-07 | 7.46E-07 | 8.99E-07 |
| 97 | 1.61E-07 | 9.71E-07 | 1.13E-06 |
| 98 | 1.42E-07 | 1.26E-06 | 1.40E-06 |
| 99 | 1.43E-07 | 8.75E-07 | 1.02E-06 |
| 100 | 1.46E-07 | 7.33E-07 | 8.79E-07 |
| 101 | 1.33E-07 | 6.00E-07 | 7.33E-07 |
| 102 | 1.24E-07 | 5.17E-07 | 6.41E-07 |
| 103 | 1.32E-07 | 5.16E-07 | 6.48E-07 |
| 104 | 1.33E-07 | 4.97E-07 | 6.30E-07 |
| 105 | 1.26E-07 | 4.55E-07 | 5.81E-07 |
| 106 | 1.24E-07 | 4.37E-07 | 5.61E-07 |
| 107 | 1.21E-07 | 4.17E-07 | 5.38E-07 |
| 108 | 1.26E-07 | 4.20E-07 | 5.46E-07 |
| 109 | 1.27E-07 | 4.16E-07 | 5.43E-07 |
| 110 | 1.29E-07 | 4.15E-07 | 5.44E-07 |
| 111 | 1.13E-07 | 3.62E-07 | 4.75E-07 |
| 112 | 9.92E-08 | 3.14E-07 | 4.13E-07 |
| 113 | 9.51E-08 | 2.96E-07 | 3.91E-07 |
| 114 | 9.15E-08 | 2.80E-07 | 3.72E-07 |
| 115 | 9.18E-08 | 2.78E-07 | 3.70E-07 |
| 116 | 9.61E-08 | 2.89E-07 | 3.85E-07 |
| 117 | 1.01E-07 | 3.03E-07 | 4.04E-07 |
| 118 | 9.97E-08 | 2.96E-07 | 3.96E-07 |
| 119 | 9.85E-08 | 2.90E-07 | 3.89E-07 |
| 120 | 9.76E-08 | 2.85E-07 | 3.83E-07 |
| 121 | 1.07E-07 | 3.44E-07 | 4.51E-07 |
| 122 | 1.13E-07 | 3.59E-07 | 4.72E-07 |
| 123 | 1.18E-07 | 3.75E-07 | 4.93E-07 |
| 124 | 1.24E-07 | 3.93E-07 | 5.17E-07 |
| 125 | 1.31E-07 | 4.12E-07 | 5.43E-07 |
| 126 | 1.37E-07 | 4.33E-07 | 5.70E-07 |
| 127 | 1.44E-07 | 4.56E-07 | 6.00E-07 |
| 128 | 1.52E-07 | 4.79E-07 | 6.31E-07 |
| 129 | 1.59E-07 | 5.05E-07 | 6.64E-07 |
| 130 | 1.67E-07 | 5.34E-07 | 7.01E-07 |

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|---|---|---|---|
| 131 | 1.75E-07 | 5.66E-07 | 7.41E-07 |
| 132 | 1.84E-07 | 6.03E-07 | 7.87E-07 |
| 133 | 1.92E-07 | 6.45E-07 | 8.37E-07 |
| 134 | 1.93E-07 | 6.75E-07 | 8.68E-07 |
| 135 | 1.78E-07 | 6.94E-07 | 8.72E-07 |
| 136 | 1.76E-07 | 7.72E-07 | 9.48E-07 |
| 137 | 1.80E-07 | 9.50E-07 | 1.13E-06 |
| 138 | 1.66E-07 | 1.57E-06 | 1.74E-06 |
| 139 | 1.58E-07 | 9.63E-07 | 1.12E-06 |
| 140 | 1.65E-07 | 8.10E-07 | 9.75E-07 |
| 141 | 1.49E-07 | 6.49E-07 | 7.98E-07 |
| 142 | 1.47E-07 | 5.93E-07 | 7.40E-07 |
| 143 | 1.53E-07 | 5.78E-07 | 7.31E-07 |
| 144 | 1.50E-07 | 5.42E-07 | 6.92E-07 |
| 145 | 1.49E-07 | 5.20E-07 | 6.69E-07 |
| 146 | 1.43E-07 | 4.89E-07 | 6.32E-07 |
| 147 | 1.39E-07 | 4.66E-07 | 6.05E-07 |
| 148 | 1.46E-07 | 4.76E-07 | 6.22E-07 |
| 149 | 1.48E-07 | 4.71E-07 | 6.19E-07 |
| 150 | 1.45E-07 | 4.54E-07 | 5.99E-07 |
| 151 | 1.30E-07 | 4.07E-07 | 5.37E-07 |
| 152 | 1.17E-07 | 3.66E-07 | 4.83E-07 |
| 153 | 1.08E-07 | 3.31E-07 | 4.39E-07 |
| 154 | 1.03E-07 | 3.13E-07 | 4.16E-07 |
| 155 | 1.03E-07 | 3.09E-07 | 4.12E-07 |
| 156 | 1.10E-07 | 3.30E-07 | 4.40E-07 |
| 157 | 1.12E-07 | 3.32E-07 | 4.44E-07 |
| 158 | 1.10E-07 | 3.23E-07 | 4.33E-07 |
| 159 | 1.11E-07 | 3.23E-07 | 4.34E-07 |
| 160 | 1.07E-07 | 3.11E-07 | 4.18E-07 |
| 161 | 1.11E-07 | 3.50E-07 | 4.61E-07 |
| 162 | 1.17E-07 | 3.66E-07 | 4.83E-07 |
| 163 | 1.23E-07 | 3.84E-07 | 5.07E-07 |
| 164 | 1.30E-07 | 4.03E-07 | 5.33E-07 |
| 165 | 1.37E-07 | 4.24E-07 | 5.61E-07 |
| 166 | 1.44E-07 | 4.46E-07 | 5.90E-07 |
| 167 | 1.52E-07 | 4.71E-07 | 6.23E-07 |
| 168 | 1.61E-07 | 4.96E-07 | 6.57E-07 |
| 169 | 1.69E-07 | 5.25E-07 | 6.94E-07 |
| 170 | 1.78E-07 | 5.56E-07 | 7.34E-07 |
| 171 | 1.88E-07 | 5.91E-07 | 7.79E-07 |
| 172 | 1.98E-07 | 6.30E-07 | 8.28E-07 |
| 173 | 2.07E-07 | 6.74E-07 | 8.81E-07 |
| 174 | 2.17E-07 | 7.25E-07 | 9.42E-07 |

| | | | |
|---|---|---|---|
| 175 | 2.26E-07 | 7.90E-07 | 1.02E-06 |
| 176 | 2.25E-07 | 8.55E-07 | 1.08E-06 |
| 177 | 2.21E-07 | 9.66E-07 | 1.19E-06 |
| 178 | 1.84E-07 | 1.34E-06 | 1.52E-06 |
| 179 | 1.79E-07 | 1.10E-06 | 1.28E-06 |
| 180 | 1.83E-07 | 8.87E-07 | 1.07E-06 |
| 181 | 1.82E-07 | 7.70E-07 | 9.52E-07 |
| 182 | 1.77E-07 | 6.89E-07 | 8.66E-07 |
| 183 | 1.73E-07 | 6.36E-07 | 8.09E-07 |
| 184 | 1.74E-07 | 6.09E-07 | 7.83E-07 |
| 185 | 1.70E-07 | 5.77E-07 | 7.47E-07 |
| 186 | 1.65E-07 | 5.48E-07 | 7.13E-07 |
| 187 | 1.66E-07 | 5.36E-07 | 7.02E-07 |
| 188 | 1.70E-07 | 5.36E-07 | 7.06E-07 |
| 189 | 1.72E-07 | 5.31E-07 | 7.03E-07 |
| 190 | 1.69E-07 | 5.16E-07 | 6.85E-07 |
| 191 | 1.54E-07 | 4.73E-07 | 6.27E-07 |
| 192 | 1.36E-07 | 4.18E-07 | 5.54E-07 |
| 193 | 1.23E-07 | 3.74E-07 | 4.97E-07 |
| 194 | 1.19E-07 | 3.56E-07 | 4.75E-07 |
| 195 | 1.22E-07 | 3.65E-07 | 4.87E-07 |
| 196 | 1.26E-07 | 3.74E-07 | 5.00E-07 |
| 197 | 1.24E-07 | 3.65E-07 | 4.89E-07 |
| 198 | 1.23E-07 | 3.58E-07 | 4.81E-07 |
| 199 | 1.21E-07 | 3.49E-07 | 4.70E-07 |
| 200 | 1.19E-07 | 3.41E-07 | 4.60E-07 |
| 201 | 1.16E-07 | 3.57E-07 | 4.73E-07 |
| 202 | 1.22E-07 | 3.75E-07 | 4.97E-07 |
| 203 | 1.29E-07 | 3.93E-07 | 5.22E-07 |
| 204 | 1.36E-07 | 4.14E-07 | 5.50E-07 |
| 205 | 1.44E-07 | 4.37E-07 | 5.81E-07 |
| 206 | 1.52E-07 | 4.61E-07 | 6.13E-07 |
| 207 | 1.61E-07 | 4.86E-07 | 6.47E-07 |
| 208 | 1.70E-07 | 5.15E-07 | 6.85E-07 |
| 209 | 1.80E-07 | 5.46E-07 | 7.26E-07 |
| 210 | 1.90E-07 | 5.80E-07 | 7.70E-07 |
| 211 | 2.01E-07 | 6.18E-07 | 8.19E-07 |
| 212 | 2.13E-07 | 6.59E-07 | 8.72E-07 |
| 213 | 2.24E-07 | 7.06E-07 | 9.30E-07 |
| 214 | 2.36E-07 | 7.59E-07 | 9.95E-07 |
| 215 | 2.48E-07 | 8.23E-07 | 1.07E-06 |
| 216 | 2.59E-07 | 9.11E-07 | 1.17E-06 |
| 217 | 2.65E-07 | 1.02E-06 | 1.29E-06 |
| 218 | 2.47E-07 | 1.23E-06 | 1.48E-06 |

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| 219 | 2.22E-07 | 1.06E-06 | 1.28E-06 |
| 220 | 2.11E-07 | 8.70E-07 | 1.08E-06 |
| 221 | 2.09E-07 | 7.90E-07 | 9.99E-07 |
| 222 | 2.03E-07 | 7.21E-07 | 9.24E-07 |
| 223 | 2.01E-07 | 6.83E-07 | 8.84E-07 |
| 224 | 1.93E-07 | 6.36E-07 | 8.29E-07 |
| 225 | 1.89E-07 | 6.11E-07 | 8.00E-07 |
| 226 | 1.90E-07 | 6.00E-07 | 7.90E-07 |
| 227 | 2.00E-07 | 6.12E-07 | 8.12E-07 |
| 228 | 1.98E-07 | 5.96E-07 | 7.94E-07 |
| 229 | 1.92E-07 | 5.73E-07 | 7.65E-07 |
| 230 | 1.90E-07 | 5.63E-07 | 7.53E-07 |
| 231 | 1.62E-07 | 4.87E-07 | 6.49E-07 |
| 232 | 1.45E-07 | 4.37E-07 | 5.82E-07 |
| 233 | 1.41E-07 | 4.20E-07 | 5.61E-07 |
| 234 | 1.43E-07 | 4.24E-07 | 5.67E-07 |
| 235 | 1.43E-07 | 4.17E-07 | 5.60E-07 |
| 236 | 1.39E-07 | 4.04E-07 | 5.43E-07 |
| 237 | 1.42E-07 | 4.09E-07 | 5.51E-07 |
| 238 | 1.37E-07 | 3.93E-07 | 5.30E-07 |
| 239 | 1.31E-07 | 3.73E-07 | 5.04E-07 |
| 240 | 1.20E-07 | 3.64E-07 | 4.84E-07 |
| 241 | 1.27E-07 | 3.83E-07 | 5.10E-07 |
| 242 | 1.34E-07 | 4.03E-07 | 5.37E-07 |
| 243 | 1.42E-07 | 4.25E-07 | 5.67E-07 |
| 244 | 1.51E-07 | 4.50E-07 | 6.01E-07 |
| 245 | 1.60E-07 | 4.77E-07 | 6.37E-07 |
| 246 | 1.70E-07 | 5.05E-07 | 6.75E-07 |
| 247 | 1.80E-07 | 5.36E-07 | 7.16E-07 |
| 248 | 1.91E-07 | 5.70E-07 | 7.61E-07 |
| 249 | 2.04E-07 | 6.07E-07 | 8.11E-07 |
| 250 | 2.16E-07 | 6.48E-07 | 8.64E-07 |
| 251 | 2.30E-07 | 6.93E-07 | 9.23E-07 |
| 252 | 2.44E-07 | 7.44E-07 | 9.88E-07 |
| 253 | 2.58E-07 | 8.00E-07 | 1.06E-06 |
| 254 | 2.72E-07 | 8.66E-07 | 1.14E-06 |
| 255 | 2.86E-07 | 9.48E-07 | 1.23E-06 |
| 256 | 2.46E-07 | 9.97E-07 | 1.24E-06 |
| 257 | 2.43E-07 | 8.93E-07 | 1.14E-06 |
| 258 | 2.41E-07 | 8.32E-07 | 1.07E-06 |
| 259 | 2.29E-07 | 7.59E-07 | 9.88E-07 |
| 260 | 2.20E-07 | 7.09E-07 | 9.29E-07 |
| 261 | 2.19E-07 | 6.88E-07 | 9.07E-07 |
| 262 | 2.39E-07 | 7.27E-07 | 9.66E-07 |

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| 263 | 2.37E-07 | 7.05E-07 | 9.42E-07 |
| 264 | 2.35E-07 | 6.89E-07 | 9.24E-07 |
| 265 | 2.27E-07 | 6.62E-07 | 8.89E-07 |
| 266 | 2.16E-07 | 6.29E-07 | 8.45E-07 |
| 267 | 1.91E-07 | 5.62E-07 | 7.53E-07 |
| 268 | 1.77E-07 | 5.22E-07 | 6.99E-07 |
| 269 | 1.72E-07 | 5.03E-07 | 6.75E-07 |
| 270 | 1.64E-07 | 4.76E-07 | 6.40E-07 |
| 271 | 1.69E-07 | 4.87E-07 | 6.56E-07 |
| 272 | 1.74E-07 | 4.97E-07 | 6.71E-07 |
| 273 | 1.66E-07 | 4.73E-07 | 6.39E-07 |
| 274 | 1.57E-07 | 4.44E-07 | 6.01E-07 |
| 275 | 1.48E-07 | 4.17E-07 | 5.65E-07 |
| 276 | 1.24E-07 | 3.72E-07 | 4.96E-07 |
| 277 | 1.32E-07 | 3.92E-07 | 5.24E-07 |
| 278 | 1.40E-07 | 4.14E-07 | 5.54E-07 |
| 279 | 1.48E-07 | 4.38E-07 | 5.86E-07 |
| 280 | 1.58E-07 | 4.64E-07 | 6.22E-07 |
| 281 | 1.68E-07 | 4.93E-07 | 6.61E-07 |
| 282 | 1.79E-07 | 5.24E-07 | 7.03E-07 |
| 283 | 1.91E-07 | 5.58E-07 | 7.49E-07 |
| 284 | 2.04E-07 | 5.95E-07 | 7.99E-07 |
| 285 | 2.18E-07 | 6.36E-07 | 8.54E-07 |
| 286 | 2.33E-07 | 6.82E-07 | 9.15E-07 |
| 287 | 2.48E-07 | 7.32E-07 | 9.80E-07 |
| 288 | 3.04E-07 | 1.21E-06 | 1.51E-06 |
| 289 | 3.02E-07 | 1.08E-06 | 1.38E-06 |
| 290 | 2.85E-07 | 9.61E-07 | 1.25E-06 |
| 291 | 2.64E-07 | 8.56E-07 | 1.12E-06 |
| 292 | 2.59E-07 | 8.14E-07 | 1.07E-06 |
| 293 | 2.84E-07 | 8.60E-07 | 1.14E-06 |
| 294 | 2.79E-07 | 8.27E-07 | 1.11E-06 |
| 295 | 2.78E-07 | 8.08E-07 | 1.09E-06 |
| 296 | 2.80E-07 | 8.02E-07 | 1.08E-06 |
| 297 | 2.69E-07 | 7.69E-07 | 1.04E-06 |
| 298 | 2.60E-07 | 7.39E-07 | 9.99E-07 |
| 299 | 2.49E-07 | 7.05E-07 | 9.54E-07 |
| 300 | 2.34E-07 | 6.61E-07 | 8.95E-07 |
| 301 | 2.16E-07 | 6.12E-07 | 8.28E-07 |
| 302 | 2.06E-07 | 5.84E-07 | 7.90E-07 |
| 303 | 2.03E-07 | 5.72E-07 | 7.75E-07 |
| 304 | 2.04E-07 | 5.69E-07 | 7.73E-07 |
| 305 | 1.89E-07 | 5.29E-07 | 7.18E-07 |
| 306 | 1.76E-07 | 4.92E-07 | 6.68E-07 |

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| 307 | 1.68E-07 | 4.70E-07 | 6.38E-07 |
| 308 | 1.28E-07 | 3.80E-07 | 5.08E-07 |
| 309 | 1.36E-07 | 4.01E-07 | 5.37E-07 |
| 310 | 1.45E-07 | 4.25E-07 | 5.70E-07 |
| 311 | 1.55E-07 | 4.50E-07 | 6.05E-07 |
| 312 | 1.65E-07 | 4.79E-07 | 6.44E-07 |
| 313 | 1.76E-07 | 5.10E-07 | 6.86E-07 |
| 314 | 1.89E-07 | 5.44E-07 | 7.33E-07 |
| 315 | 2.02E-07 | 5.82E-07 | 7.84E-07 |
| 316 | 2.17E-07 | 6.22E-07 | 8.39E-07 |
| 317 | 2.33E-07 | 6.68E-07 | 9.01E-07 |
| 318 | 2.50E-07 | 7.18E-07 | 9.68E-07 |
| 319 | 2.69E-07 | 7.74E-07 | 1.04E-06 |
| 320 | 3.56E-07 | 1.25E-06 | 1.61E-06 |
| 321 | 3.31E-07 | 1.09E-06 | 1.42E-06 |
| 322 | 3.21E-07 | 1.02E-06 | 1.34E-06 |
| 323 | 3.48E-07 | 1.06E-06 | 1.41E-06 |
| 324 | 3.43E-07 | 1.01E-06 | 1.35E-06 |
| 325 | 3.28E-07 | 9.50E-07 | 1.28E-06 |
| 326 | 3.33E-07 | 9.46E-07 | 1.28E-06 |
| 327 | 3.23E-07 | 9.11E-07 | 1.23E-06 |
| 328 | 3.15E-07 | 8.81E-07 | 1.20E-06 |
| 329 | 3.03E-07 | 8.45E-07 | 1.15E-06 |
| 330 | 2.84E-07 | 7.91E-07 | 1.08E-06 |
| 331 | 2.70E-07 | 7.50E-07 | 1.02E-06 |
| 332 | 2.53E-07 | 7.02E-07 | 9.55E-07 |
| 333 | 2.44E-07 | 6.75E-07 | 9.19E-07 |
| 334 | 2.45E-07 | 6.69E-07 | 9.14E-07 |
| 335 | 2.35E-07 | 6.41E-07 | 8.76E-07 |
| 336 | 2.19E-07 | 5.98E-07 | 8.17E-07 |
| 337 | 1.91E-07 | 5.26E-07 | 7.17E-07 |
| 338 | 1.83E-07 | 5.03E-07 | 6.86E-07 |
| 339 | 1.33E-07 | 3.88E-07 | 5.21E-07 |
| 340 | 1.41E-07 | 4.11E-07 | 5.52E-07 |
| 341 | 1.51E-07 | 4.36E-07 | 5.87E-07 |
| 342 | 1.61E-07 | 4.63E-07 | 6.24E-07 |
| 343 | 1.73E-07 | 4.94E-07 | 6.67E-07 |
| 344 | 1.85E-07 | 5.28E-07 | 7.13E-07 |
| 345 | 1.99E-07 | 5.65E-07 | 7.64E-07 |
| 346 | 2.14E-07 | 6.06E-07 | 8.20E-07 |
| 347 | 2.31E-07 | 6.52E-07 | 8.83E-07 |
| 348 | 2.49E-07 | 7.02E-07 | 9.51E-07 |
| 349 | 2.69E-07 | 7.58E-07 | 1.03E-06 |
| 350 | 2.92E-07 | 8.21E-07 | 1.11E-06 |

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| 351 | 4.35E-07 | 1.52E-06 | 1.96E-06 |
| 352 | 4.17E-07 | 1.35E-06 | 1.77E-06 |
| 353 | 4.18E-07 | 1.29E-06 | 1.71E-06 |
| 354 | 4.40E-07 | 1.29E-06 | 1.73E-06 |
| 355 | 4.15E-07 | 1.19E-06 | 1.61E-06 |
| 356 | 4.07E-07 | 1.15E-06 | 1.56E-06 |
| 357 | 3.92E-07 | 1.09E-06 | 1.48E-06 |
| 358 | 3.86E-07 | 1.07E-06 | 1.46E-06 |
| 359 | 3.77E-07 | 1.04E-06 | 1.42E-06 |
| 360 | 3.61E-07 | 9.86E-07 | 1.35E-06 |
| 361 | 3.48E-07 | 9.45E-07 | 1.29E-06 |
| 362 | 3.26E-07 | 8.82E-07 | 1.21E-06 |
| 363 | 3.13E-07 | 8.42E-07 | 1.16E-06 |
| 364 | 2.95E-07 | 7.92E-07 | 1.09E-06 |
| 365 | 2.75E-07 | 7.39E-07 | 1.01E-06 |
| 366 | 2.47E-07 | 6.67E-07 | 9.14E-07 |
| 367 | 2.25E-07 | 6.10E-07 | 8.35E-07 |
| 368 | 2.08E-07 | 5.64E-07 | 7.72E-07 |
| 369 | 1.92E-07 | 5.22E-07 | 7.14E-07 |
| 370 | 1.37E-07 | 3.96E-07 | 5.33E-07 |
| 371 | 1.46E-07 | 4.20E-07 | 5.66E-07 |
| 372 | 1.56E-07 | 4.46E-07 | 6.02E-07 |
| 373 | 1.67E-07 | 4.76E-07 | 6.43E-07 |
| 374 | 1.80E-07 | 5.10E-07 | 6.90E-07 |
| 375 | 1.94E-07 | 5.45E-07 | 7.39E-07 |
| 376 | 2.09E-07 | 5.86E-07 | 7.95E-07 |
| 377 | 2.26E-07 | 6.31E-07 | 8.57E-07 |
| 378 | 2.45E-07 | 6.82E-07 | 9.27E-07 |
| 379 | 2.67E-07 | 7.39E-07 | 1.01E-06 |
| 380 | 2.90E-07 | 8.02E-07 | 1.09E-06 |
| 381 | 3.16E-07 | 8.73E-07 | 1.19E-06 |
| 382 | 5.38E-07 | 1.90E-06 | 2.44E-06 |
| 383 | 5.30E-07 | 1.70E-06 | 2.23E-06 |
| 384 | 5.88E-07 | 1.73E-06 | 2.32E-06 |
| 385 | 5.43E-07 | 1.56E-06 | 2.10E-06 |
| 386 | 5.12E-07 | 1.44E-06 | 1.95E-06 |
| 387 | 4.89E-07 | 1.35E-06 | 1.84E-06 |
| 388 | 4.78E-07 | 1.31E-06 | 1.79E-06 |
| 389 | 4.62E-07 | 1.26E-06 | 1.72E-06 |
| 390 | 4.39E-07 | 1.19E-06 | 1.63E-06 |
| 391 | 4.20E-07 | 1.13E-06 | 1.55E-06 |
| 392 | 4.05E-07 | 1.08E-06 | 1.49E-06 |
| 393 | 3.76E-07 | 9.98E-07 | 1.37E-06 |
| 394 | 3.55E-07 | 9.38E-07 | 1.29E-06 |

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| 395 | 3.16E-07 | 8.37E-07 | 1.15E-06 |
| 396 | 2.76E-07 | 7.37E-07 | 1.01E-06 |
| 397 | 2.53E-07 | 6.77E-07 | 9.30E-07 |
| 398 | 2.32E-07 | 6.20E-07 | 8.52E-07 |
| 399 | 2.09E-07 | 5.63E-07 | 7.72E-07 |
| 400 | 1.86E-07 | 5.05E-07 | 6.91E-07 |
| 401 | 1.41E-07 | 4.04E-07 | 5.45E-07 |
| 402 | 1.51E-07 | 4.30E-07 | 5.81E-07 |
| 403 | 1.62E-07 | 4.58E-07 | 6.20E-07 |
| 404 | 1.74E-07 | 4.89E-07 | 6.63E-07 |
| 405 | 1.87E-07 | 5.24E-07 | 7.11E-07 |
| 406 | 2.03E-07 | 5.63E-07 | 7.66E-07 |
| 407 | 2.20E-07 | 6.08E-07 | 8.28E-07 |
| 408 | 2.39E-07 | 6.57E-07 | 8.96E-07 |
| 409 | 2.60E-07 | 7.13E-07 | 9.73E-07 |
| 410 | 2.85E-07 | 7.77E-07 | 1.06E-06 |
| 411 | 3.12E-07 | 8.48E-07 | 1.16E-06 |
| 412 | 3.43E-07 | 9.30E-07 | 1.27E-06 |
| 413 | 7.23E-07 | 2.25E-06 | 2.97E-06 |
| 414 | 7.20E-07 | 2.11E-06 | 2.83E-06 |
| 415 | 6.58E-07 | 1.85E-06 | 2.51E-06 |
| 416 | 6.33E-07 | 1.74E-06 | 2.37E-06 |
| 417 | 5.99E-07 | 1.63E-06 | 2.23E-06 |
| 418 | 5.75E-07 | 1.55E-06 | 2.13E-06 |
| 419 | 5.42E-07 | 1.46E-06 | 2.00E-06 |
| 420 | 5.18E-07 | 1.38E-06 | 1.90E-06 |
| 421 | 4.89E-07 | 1.29E-06 | 1.78E-06 |
| 422 | 4.63E-07 | 1.21E-06 | 1.67E-06 |
| 423 | 4.24E-07 | 1.10E-06 | 1.52E-06 |
| 424 | 3.62E-07 | 9.48E-07 | 1.31E-06 |
| 425 | 3.20E-07 | 8.41E-07 | 1.16E-06 |
| 426 | 2.90E-07 | 7.64E-07 | 1.05E-06 |
| 427 | 2.59E-07 | 6.87E-07 | 9.46E-07 |
| 428 | 2.26E-07 | 6.05E-07 | 8.31E-07 |
| 429 | 2.01E-07 | 5.43E-07 | 7.44E-07 |
| 430 | 1.81E-07 | 4.92E-07 | 6.73E-07 |
| 431 | 1.45E-07 | 4.12E-07 | 5.57E-07 |
| 432 | 1.55E-07 | 4.38E-07 | 5.93E-07 |
| 433 | 1.67E-07 | 4.68E-07 | 6.35E-07 |
| 434 | 1.80E-07 | 5.02E-07 | 6.82E-07 |
| 435 | 1.95E-07 | 5.39E-07 | 7.34E-07 |
| 436 | 2.11E-07 | 5.81E-07 | 7.92E-07 |
| 437 | 2.30E-07 | 6.30E-07 | 8.60E-07 |
| 438 | 2.51E-07 | 6.84E-07 | 9.35E-07 |

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| 439 | 2.76E-07 | 7.46E-07 | 1.02E-06 |
| 440 | 3.03E-07 | 8.16E-07 | 1.12E-06 |
| 441 | 3.35E-07 | 8.97E-07 | 1.23E-06 |
| 442 | 3.71E-07 | 9.90E-07 | 1.36E-06 |
| 443 | 9.10E-07 | 2.93E-06 | 3.84E-06 |
| 444 | 8.82E-07 | 2.61E-06 | 3.49E-06 |
| 445 | 8.41E-07 | 2.36E-06 | 3.20E-06 |
| 446 | 7.72E-07 | 2.09E-06 | 2.86E-06 |
| 447 | 7.28E-07 | 1.95E-06 | 2.68E-06 |
| 448 | 6.90E-07 | 1.84E-06 | 2.53E-06 |
| 449 | 6.51E-07 | 1.72E-06 | 2.37E-06 |
| 450 | 6.15E-07 | 1.61E-06 | 2.23E-06 |
| 451 | 5.77E-07 | 1.49E-06 | 2.07E-06 |
| 452 | 5.23E-07 | 1.34E-06 | 1.86E-06 |
| 453 | 4.47E-07 | 1.15E-06 | 1.60E-06 |
| 454 | 3.88E-07 | 9.97E-07 | 1.39E-06 |
| 455 | 3.34E-07 | 8.66E-07 | 1.20E-06 |
| 456 | 2.85E-07 | 7.50E-07 | 1.04E-06 |
| 457 | 2.46E-07 | 6.56E-07 | 9.02E-07 |
| 458 | 2.12E-07 | 5.68E-07 | 7.80E-07 |
| 459 | 1.93E-07 | 5.18E-07 | 7.11E-07 |
| 460 | 1.79E-07 | 4.81E-07 | 6.60E-07 |
| 461 | 1.48E-07 | 4.20E-07 | 5.68E-07 |
| 462 | 1.59E-07 | 4.47E-07 | 6.06E-07 |
| 463 | 1.72E-07 | 4.78E-07 | 6.50E-07 |
| 464 | 1.86E-07 | 5.14E-07 | 7.00E-07 |
| 465 | 2.01E-07 | 5.54E-07 | 7.55E-07 |
| 466 | 2.19E-07 | 5.99E-07 | 8.18E-07 |
| 467 | 2.40E-07 | 6.51E-07 | 8.91E-07 |
| 468 | 2.63E-07 | 7.10E-07 | 9.73E-07 |
| 469 | 2.91E-07 | 7.78E-07 | 1.07E-06 |
| 470 | 3.22E-07 | 8.57E-07 | 1.18E-06 |
| 471 | 3.58E-07 | 9.47E-07 | 1.31E-06 |
| 472 | 4.01E-07 | 1.05E-06 | 1.45E-06 |
| 473 | 1.11E-06 | 3.36E-06 | 4.47E-06 |
| 474 | 1.05E-06 | 2.94E-06 | 3.99E-06 |
| 475 | 9.73E-07 | 2.62E-06 | 3.59E-06 |
| 476 | 9.01E-07 | 2.37E-06 | 3.27E-06 |
| 477 | 8.41E-07 | 2.18E-06 | 3.02E-06 |
| 478 | 7.85E-07 | 2.02E-06 | 2.81E-06 |
| 479 | 7.28E-07 | 1.85E-06 | 2.58E-06 |
| 480 | 6.64E-07 | 1.67E-06 | 2.33E-06 |
| 481 | 5.85E-07 | 1.46E-06 | 2.05E-06 |
| 482 | 4.99E-07 | 1.25E-06 | 1.75E-06 |

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| 483 | 4.11E-07 | 1.04E-06 | 1.45E-06 |
| 484 | 3.23E-07 | 8.43E-07 | 1.17E-06 |
| 485 | 2.78E-07 | 7.35E-07 | 1.01E-06 |
| 486 | 2.38E-07 | 6.33E-07 | 8.71E-07 |
| 487 | 2.09E-07 | 5.53E-07 | 7.62E-07 |
| 488 | 1.92E-07 | 5.08E-07 | 7.00E-07 |
| 489 | 1.75E-07 | 4.61E-07 | 6.36E-07 |
| 490 | 1.51E-07 | 4.25E-07 | 5.76E-07 |
| 491 | 1.63E-07 | 4.55E-07 | 6.18E-07 |
| 492 | 1.76E-07 | 4.88E-07 | 6.64E-07 |
| 493 | 1.91E-07 | 5.26E-07 | 7.17E-07 |
| 494 | 2.08E-07 | 5.67E-07 | 7.75E-07 |
| 495 | 2.27E-07 | 6.16E-07 | 8.43E-07 |
| 496 | 2.49E-07 | 6.71E-07 | 9.20E-07 |
| 497 | 2.75E-07 | 7.35E-07 | 1.01E-06 |
| 498 | 3.05E-07 | 8.09E-07 | 1.11E-06 |
| 499 | 3.40E-07 | 8.95E-07 | 1.24E-06 |
| 500 | 3.81E-07 | 9.95E-07 | 1.38E-06 |
| 501 | 4.31E-07 | 1.12E-06 | 1.55E-06 |
| 502 | 1.34E-06 | 3.80E-06 | 5.14E-06 |
| 503 | 1.22E-06 | 3.27E-06 | 4.49E-06 |
| 504 | 1.10E-06 | 2.86E-06 | 3.96E-06 |
| 505 | 1.00E-06 | 2.52E-06 | 3.52E-06 |
| 506 | 8.96E-07 | 2.24E-06 | 3.14E-06 |
| 507 | 8.38E-07 | 2.07E-06 | 2.91E-06 |
| 508 | 7.52E-07 | 1.84E-06 | 2.59E-06 |
| 509 | 6.62E-07 | 1.62E-06 | 2.28E-06 |
| 510 | 4.88E-07 | 1.22E-06 | 1.71E-06 |
| 511 | 3.54E-07 | 9.16E-07 | 1.27E-06 |
| 512 | 3.10E-07 | 8.06E-07 | 1.12E-06 |
| 513 | 2.71E-07 | 7.06E-07 | 9.77E-07 |
| 514 | 2.27E-07 | 5.89E-07 | 8.16E-07 |
| 515 | 1.99E-07 | 5.11E-07 | 7.10E-07 |
| 516 | 1.79E-07 | 4.62E-07 | 6.41E-07 |
| 517 | 1.59E-07 | 4.12E-07 | 5.71E-07 |
| 518 | 1.54E-07 | 4.31E-07 | 5.85E-07 |
| 519 | 1.67E-07 | 4.62E-07 | 6.29E-07 |
| 520 | 1.80E-07 | 4.97E-07 | 6.77E-07 |
| 521 | 1.96E-07 | 5.37E-07 | 7.33E-07 |
| 522 | 2.14E-07 | 5.81E-07 | 7.95E-07 |
| 523 | 2.34E-07 | 6.31E-07 | 8.65E-07 |
| 524 | 2.58E-07 | 6.91E-07 | 9.49E-07 |
| 525 | 2.86E-07 | 7.59E-07 | 1.05E-06 |
| 526 | 3.19E-07 | 8.39E-07 | 1.16E-06 |

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| 527 | 3.58E-07 | 9.33E-07 | 1.29E-06 |
| 528 | 4.04E-07 | 1.05E-06 | 1.45E-06 |
| 529 | 4.61E-07 | 1.18E-06 | 1.64E-06 |
| 530 | 1.37E-06 | 3.43E-06 | 4.80E-06 |
| 531 | 1.18E-06 | 2.90E-06 | 4.08E-06 |
| 532 | 1.04E-06 | 2.52E-06 | 3.56E-06 |
| 533 | 8.93E-07 | 2.18E-06 | 3.07E-06 |
| 534 | 8.19E-07 | 1.95E-06 | 2.77E-06 |
| 535 | 7.04E-07 | 1.68E-06 | 2.38E-06 |
| 536 | 4.78E-07 | 1.18E-06 | 1.66E-06 |
| 537 | 3.46E-07 | 8.80E-07 | 1.23E-06 |
| 538 | 3.03E-07 | 7.73E-07 | 1.08E-06 |
| 539 | 2.63E-07 | 6.75E-07 | 9.38E-07 |
| 540 | 2.22E-07 | 5.74E-07 | 7.96E-07 |
| 541 | 1.91E-07 | 4.95E-07 | 6.86E-07 |
| 542 | 1.67E-07 | 4.36E-07 | 6.03E-07 |
| 543 | 1.48E-07 | 3.89E-07 | 5.37E-07 |
| 544 | 1.57E-07 | 4.37E-07 | 5.94E-07 |
| 545 | 1.70E-07 | 4.69E-07 | 6.39E-07 |
| 546 | 1.84E-07 | 5.05E-07 | 6.89E-07 |
| 547 | 2.01E-07 | 5.48E-07 | 7.49E-07 |
| 548 | 2.19E-07 | 5.93E-07 | 8.12E-07 |
| 549 | 2.41E-07 | 6.46E-07 | 8.87E-07 |
| 550 | 2.66E-07 | 7.09E-07 | 9.75E-07 |
| 551 | 2.96E-07 | 7.82E-07 | 1.08E-06 |
| 552 | 3.31E-07 | 8.67E-07 | 1.20E-06 |
| 553 | 3.74E-07 | 9.70E-07 | 1.34E-06 |
| 554 | 4.25E-07 | 1.09E-06 | 1.52E-06 |
| 555 | 4.90E-07 | 1.25E-06 | 1.74E-06 |
| 556 | 1.39E-06 | 3.25E-06 | 4.64E-06 |
| 557 | 1.15E-06 | 2.69E-06 | 3.84E-06 |
| 558 | 1.01E-06 | 2.35E-06 | 3.36E-06 |
| 559 | 8.57E-07 | 2.00E-06 | 2.86E-06 |
| 560 | 7.08E-07 | 1.67E-06 | 2.38E-06 |
| 561 | 5.16E-07 | 1.25E-06 | 1.77E-06 |
| 562 | 3.71E-07 | 9.32E-07 | 1.30E-06 |
| 563 | 2.98E-07 | 7.68E-07 | 1.07E-06 |
| 564 | 2.47E-07 | 6.50E-07 | 8.97E-07 |
| 565 | 2.07E-07 | 5.51E-07 | 7.58E-07 |
| 566 | 1.79E-07 | 4.78E-07 | 6.57E-07 |
| 567 | 1.56E-07 | 4.18E-07 | 5.74E-07 |
| 568 | 1.40E-07 | 3.75E-07 | 5.15E-07 |
| 569 | 1.58E-07 | 4.39E-07 | 5.97E-07 |
| 570 | 1.71E-07 | 4.72E-07 | 6.43E-07 |

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| 571 | 1.86E-07 | 5.09E-07 | 6.95E-07 |
| 572 | 2.04E-07 | 5.57E-07 | 7.61E-07 |
| 573 | 2.46E-07 | 6.59E-07 | 9.05E-07 |
| 574 | 2.73E-07 | 7.25E-07 | 9.98E-07 |
| 575 | 3.04E-07 | 8.02E-07 | 1.11E-06 |
| 576 | 3.42E-07 | 8.93E-07 | 1.24E-06 |
| 577 | 3.88E-07 | 1.00E-06 | 1.39E-06 |
| 578 | 4.44E-07 | 1.14E-06 | 1.58E-06 |
| 579 | 5.15E-07 | 1.30E-06 | 1.82E-06 |
| 580 | 1.26E-06 | 2.91E-06 | 4.17E-06 |
| 581 | 1.04E-06 | 2.37E-06 | 3.41E-06 |
| 582 | 8.68E-07 | 2.01E-06 | 2.88E-06 |
| 583 | 7.16E-07 | 1.69E-06 | 2.41E-06 |
| 584 | 5.56E-07 | 1.35E-06 | 1.91E-06 |
| 585 | 3.83E-07 | 9.76E-07 | 1.36E-06 |
| 586 | 2.96E-07 | 7.80E-07 | 1.08E-06 |
| 587 | 2.37E-07 | 6.37E-07 | 8.74E-07 |
| 588 | 1.96E-07 | 5.28E-07 | 7.24E-07 |
| 589 | 1.68E-07 | 4.50E-07 | 6.18E-07 |
| 590 | 1.48E-07 | 3.94E-07 | 5.42E-07 |
| 591 | 1.34E-07 | 3.58E-07 | 4.92E-07 |
| 592 | 1.60E-07 | 4.41E-07 | 6.01E-07 |
| 593 | 1.73E-07 | 4.75E-07 | 6.48E-07 |
| 594 | 1.88E-07 | 5.13E-07 | 7.01E-07 |
| 595 | 2.77E-07 | 7.36E-07 | 1.01E-06 |
| 596 | 3.11E-07 | 8.18E-07 | 1.13E-06 |
| 597 | 3.50E-07 | 9.14E-07 | 1.26E-06 |
| 598 | 3.98E-07 | 1.03E-06 | 1.43E-06 |
| 599 | 4.58E-07 | 1.17E-06 | 1.63E-06 |
| 600 | 5.35E-07 | 1.35E-06 | 1.89E-06 |
| 601 | 1.06E-06 | 2.45E-06 | 3.51E-06 |
| 602 | 8.64E-07 | 2.03E-06 | 2.89E-06 |
| 603 | 7.22E-07 | 1.72E-06 | 2.44E-06 |
| 604 | 5.25E-07 | 1.30E-06 | 1.83E-06 |
| 605 | 3.36E-07 | 8.80E-07 | 1.22E-06 |
| 606 | 2.60E-07 | 6.95E-07 | 9.55E-07 |
| 607 | 2.16E-07 | 5.81E-07 | 7.97E-07 |
| 608 | 1.86E-07 | 4.99E-07 | 6.85E-07 |
| 609 | 1.63E-07 | 4.39E-07 | 6.02E-07 |
| 610 | 1.46E-07 | 3.93E-07 | 5.39E-07 |
| 611 | 1.32E-07 | 3.57E-07 | 4.89E-07 |
| 612 | 1.61E-07 | 4.45E-07 | 6.06E-07 |
| 613 | 1.74E-07 | 4.79E-07 | 6.53E-07 |
| 614 | 1.90E-07 | 5.17E-07 | 7.07E-07 |

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|---|---|---|---|
| 615 | 8.44E-07 | 2.00E-06 | 2.84E-06 |
| 616 | 7.09E-07 | 1.71E-06 | 2.42E-06 |
| 617 | 5.45E-07 | 1.34E-06 | 1.89E-06 |
| 618 | 3.59E-07 | 9.31E-07 | 1.29E-06 |
| 619 | 2.65E-07 | 7.13E-07 | 9.78E-07 |
| 620 | 2.19E-07 | 5.95E-07 | 8.14E-07 |
| 621 | 1.93E-07 | 5.28E-07 | 7.21E-07 |
| 622 | 1.73E-07 | 4.75E-07 | 6.48E-07 |
| 623 | 1.54E-07 | 4.23E-07 | 5.77E-07 |
| 624 | 1.37E-07 | 3.77E-07 | 5.14E-07 |
| 625 | 1.63E-07 | 4.49E-07 | 6.12E-07 |
| 626 | 1.76E-07 | 4.85E-07 | 6.61E-07 |
| 627 | 1.92E-07 | 5.24E-07 | 7.16E-07 |
| 628 | 6.86E-07 | 1.67E-06 | 2.36E-06 |
| 629 | 5.84E-07 | 1.43E-06 | 2.01E-06 |
| 630 | 4.71E-07 | 1.17E-06 | 1.64E-06 |
| 631 | 3.33E-07 | 8.60E-07 | 1.19E-06 |
| 632 | 2.65E-07 | 7.02E-07 | 9.67E-07 |
| 633 | 2.30E-07 | 6.17E-07 | 8.47E-07 |
| 634 | 2.04E-07 | 5.52E-07 | 7.56E-07 |
| 635 | 1.72E-07 | 4.71E-07 | 6.43E-07 |
| 636 | 1.48E-07 | 4.05E-07 | 5.53E-07 |
| 637 | 1.63E-07 | 4.51E-07 | 6.14E-07 |
| 638 | 1.77E-07 | 4.85E-07 | 6.62E-07 |
| 639 | 5.64E-07 | 1.41E-06 | 1.97E-06 |
| 640 | 4.87E-07 | 1.22E-06 | 1.71E-06 |
| 641 | 4.28E-07 | 1.07E-06 | 1.50E-06 |
| 642 | 3.63E-07 | 9.17E-07 | 1.28E-06 |
| 643 | 3.10E-07 | 7.91E-07 | 1.10E-06 |
| 644 | 2.58E-07 | 6.70E-07 | 9.28E-07 |
| 645 | 2.01E-07 | 5.39E-07 | 7.40E-07 |
| 646 | 1.66E-07 | 4.52E-07 | 6.18E-07 |
| 647 | 1.62E-07 | 4.49E-07 | 6.11E-07 |
| 648 | 1.76E-07 | 4.83E-07 | 6.59E-07 |
| 649 | 4.73E-07 | 1.21E-06 | 1.68E-06 |
| 650 | 4.14E-07 | 1.06E-06 | 1.47E-06 |
| 651 | 3.67E-07 | 9.45E-07 | 1.31E-06 |
| 652 | 3.33E-07 | 8.52E-07 | 1.19E-06 |
| 653 | 2.90E-07 | 7.45E-07 | 1.04E-06 |
| 654 | 2.41E-07 | 6.27E-07 | 8.68E-07 |
| 655 | 1.99E-07 | 5.28E-07 | 7.27E-07 |
| 656 | 1.61E-07 | 4.45E-07 | 6.06E-07 |
| 657 | 1.74E-07 | 4.78E-07 | 6.52E-07 |
| 658 | 1.89E-07 | 5.17E-07 | 7.06E-07 |

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| 659 | 2.07E-07 | 5.61E-07 | 7.68E-07 |
| 660 | 2.26E-07 | 6.10E-07 | 8.36E-07 |
| 661 | 2.49E-07 | 6.68E-07 | 9.17E-07 |
| 662 | 2.76E-07 | 7.35E-07 | 1.01E-06 |
| 663 | 3.07E-07 | 8.13E-07 | 1.12E-06 |
| 664 | 3.45E-07 | 9.06E-07 | 1.25E-06 |
| 665 | 4.00E-07 | 1.05E-06 | 1.45E-06 |
| 666 | 3.55E-07 | 9.24E-07 | 1.28E-06 |
| 667 | 3.18E-07 | 8.33E-07 | 1.15E-06 |
| 668 | 2.92E-07 | 7.60E-07 | 1.05E-06 |
| 669 | 2.66E-07 | 6.94E-07 | 9.60E-07 |
| 670 | 2.36E-07 | 6.14E-07 | 8.50E-07 |
| 671 | 1.60E-07 | 4.39E-07 | 5.99E-07 |
| 672 | 1.72E-07 | 4.72E-07 | 6.44E-07 |
| 673 | 1.87E-07 | 5.09E-07 | 6.96E-07 |
| 674 | 2.03E-07 | 5.51E-07 | 7.54E-07 |
| 675 | 2.22E-07 | 5.99E-07 | 8.21E-07 |
| 676 | 2.44E-07 | 6.54E-07 | 8.98E-07 |
| 677 | 2.69E-07 | 7.16E-07 | 9.85E-07 |
| 678 | 2.98E-07 | 7.90E-07 | 1.09E-06 |
| 679 | 3.34E-07 | 8.77E-07 | 1.21E-06 |
| 680 | 3.75E-07 | 9.80E-07 | 1.36E-06 |
| 681 | 4.26E-07 | 1.10E-06 | 1.53E-06 |
| 682 | 4.87E-07 | 1.25E-06 | 1.74E-06 |
| 683 | 5.63E-07 | 1.44E-06 | 2.00E-06 |
| 684 | 6.59E-07 | 1.67E-06 | 2.33E-06 |
| 685 | 7.82E-07 | 1.97E-06 | 2.75E-06 |
| 686 | 9.36E-07 | 2.36E-06 | 3.30E-06 |
| 687 | 1.14E-06 | 2.88E-06 | 4.02E-06 |
| 688 | 3.43E-07 | 9.17E-07 | 1.26E-06 |
| 689 | 3.08E-07 | 8.16E-07 | 1.12E-06 |
| 690 | 2.79E-07 | 7.41E-07 | 1.02E-06 |
| 691 | 2.55E-07 | 6.75E-07 | 9.30E-07 |
| 692 | 2.35E-07 | 6.23E-07 | 8.58E-07 |
| 693 | 1.57E-07 | 4.32E-07 | 5.89E-07 |
| 694 | 1.69E-07 | 4.63E-07 | 6.32E-07 |
| 695 | 1.83E-07 | 4.99E-07 | 6.82E-07 |
| 696 | 1.99E-07 | 5.39E-07 | 7.38E-07 |
| 697 | 2.17E-07 | 5.84E-07 | 8.01E-07 |
| 698 | 2.37E-07 | 6.35E-07 | 8.72E-07 |
| 699 | 2.61E-07 | 6.94E-07 | 9.55E-07 |
| 700 | 2.88E-07 | 7.62E-07 | 1.05E-06 |
| 701 | 3.20E-07 | 8.41E-07 | 1.16E-06 |
| 702 | 3.58E-07 | 9.35E-07 | 1.29E-06 |

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| 703 | 4.03E-07 | 1.05E-06 | 1.45E-06 |
| 704 | 4.57E-07 | 1.18E-06 | 1.64E-06 |
| 705 | 5.23E-07 | 1.34E-06 | 1.86E-06 |
| 706 | 6.03E-07 | 1.54E-06 | 2.14E-06 |
| 707 | 7.02E-07 | 1.79E-06 | 2.49E-06 |
| 708 | 8.20E-07 | 2.09E-06 | 2.91E-06 |
| 709 | 9.65E-07 | 2.48E-06 | 3.45E-06 |
| 710 | 1.14E-06 | 2.98E-06 | 4.12E-06 |
| 711 | 1.33E-06 | 3.56E-06 | 4.89E-06 |
| 712 | 2.96E-07 | 8.11E-07 | 1.11E-06 |
| 713 | 2.68E-07 | 7.24E-07 | 9.92E-07 |
| 714 | 2.45E-07 | 6.61E-07 | 9.06E-07 |
| 715 | 2.26E-07 | 6.07E-07 | 8.33E-07 |
| 716 | 1.54E-07 | 4.23E-07 | 5.77E-07 |
| 717 | 1.66E-07 | 4.53E-07 | 6.19E-07 |
| 718 | 1.79E-07 | 4.86E-07 | 6.65E-07 |
| 719 | 1.94E-07 | 5.24E-07 | 7.18E-07 |
| 720 | 2.10E-07 | 5.66E-07 | 7.76E-07 |
| 721 | 2.29E-07 | 6.13E-07 | 8.42E-07 |
| 722 | 2.51E-07 | 6.68E-07 | 9.19E-07 |
| 723 | 2.76E-07 | 7.30E-07 | 1.01E-06 |
| 724 | 3.05E-07 | 8.02E-07 | 1.11E-06 |
| 725 | 3.39E-07 | 8.87E-07 | 1.23E-06 |
| 726 | 3.79E-07 | 9.85E-07 | 1.36E-06 |
| 727 | 4.26E-07 | 1.10E-06 | 1.53E-06 |
| 728 | 4.82E-07 | 1.24E-06 | 1.72E-06 |
| 729 | 5.48E-07 | 1.41E-06 | 1.96E-06 |
| 730 | 6.27E-07 | 1.61E-06 | 2.24E-06 |
| 731 | 7.17E-07 | 1.85E-06 | 2.57E-06 |
| 732 | 8.22E-07 | 2.13E-06 | 2.95E-06 |
| 733 | 9.39E-07 | 2.47E-06 | 3.41E-06 |
| 734 | 1.06E-06 | 2.83E-06 | 3.89E-06 |
| 735 | 1.18E-06 | 3.19E-06 | 4.37E-06 |
| 736 | 1.28E-06 | 3.50E-06 | 4.78E-06 |
| 737 | 1.35E-06 | 3.69E-06 | 5.04E-06 |
| 738 | 1.37E-06 | 3.70E-06 | 5.07E-06 |
| 739 | 2.58E-07 | 7.21E-07 | 9.79E-07 |
| 740 | 2.36E-07 | 6.47E-07 | 8.83E-07 |
| 741 | 2.18E-07 | 5.96E-07 | 8.14E-07 |
| 742 | 1.51E-07 | 4.13E-07 | 5.64E-07 |
| 743 | 1.62E-07 | 4.41E-07 | 6.03E-07 |
| 744 | 1.74E-07 | 4.72E-07 | 6.46E-07 |
| 745 | 1.88E-07 | 5.07E-07 | 6.95E-07 |
| 746 | 2.03E-07 | 5.46E-07 | 7.49E-07 |

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| 747 | 2.21E-07 | 5.90E-07 | 8.11E-07 |
| 748 | 2.41E-07 | 6.40E-07 | 8.81E-07 |
| 749 | 2.64E-07 | 6.96E-07 | 9.60E-07 |
| 750 | 2.90E-07 | 7.62E-07 | 1.05E-06 |
| 751 | 3.20E-07 | 8.36E-07 | 1.16E-06 |
| 752 | 3.55E-07 | 9.23E-07 | 1.28E-06 |
| 753 | 3.96E-07 | 1.02E-06 | 1.42E-06 |
| 754 | 4.43E-07 | 1.14E-06 | 1.58E-06 |
| 755 | 4.97E-07 | 1.28E-06 | 1.78E-06 |
| 756 | 5.58E-07 | 1.44E-06 | 2.00E-06 |
| 757 | 6.27E-07 | 1.63E-06 | 2.26E-06 |
| 758 | 7.03E-07 | 1.83E-06 | 2.53E-06 |
| 759 | 7.84E-07 | 2.06E-06 | 2.84E-06 |
| 760 | 8.64E-07 | 2.29E-06 | 3.15E-06 |
| 761 | 9.37E-07 | 2.51E-06 | 3.45E-06 |
| 762 | 9.97E-07 | 2.68E-06 | 3.68E-06 |
| 763 | 1.04E-06 | 2.78E-06 | 3.82E-06 |
| 764 | 1.05E-06 | 2.79E-06 | 3.84E-06 |
| 765 | 1.04E-06 | 2.71E-06 | 3.75E-06 |
| 766 | 9.98E-07 | 2.57E-06 | 3.57E-06 |
| 767 | 2.27E-07 | 6.44E-07 | 8.71E-07 |
| 768 | 2.09E-07 | 5.83E-07 | 7.92E-07 |
| 769 | 1.47E-07 | 4.01E-07 | 5.48E-07 |
| 770 | 1.57E-07 | 4.27E-07 | 5.84E-07 |
| 771 | 1.68E-07 | 4.57E-07 | 6.25E-07 |
| 772 | 1.81E-07 | 4.89E-07 | 6.70E-07 |
| 773 | 1.96E-07 | 5.25E-07 | 7.21E-07 |
| 774 | 2.12E-07 | 5.65E-07 | 7.77E-07 |
| 775 | 2.30E-07 | 6.11E-07 | 8.41E-07 |
| 776 | 2.51E-07 | 6.63E-07 | 9.14E-07 |
| 777 | 2.74E-07 | 7.21E-07 | 9.95E-07 |
| 778 | 3.01E-07 | 7.87E-07 | 1.09E-06 |
| 779 | 3.32E-07 | 8.64E-07 | 1.20E-06 |
| 780 | 3.66E-07 | 9.52E-07 | 1.32E-06 |
| 781 | 4.05E-07 | 1.05E-06 | 1.46E-06 |
| 782 | 4.49E-07 | 1.17E-06 | 1.62E-06 |
| 783 | 4.98E-07 | 1.29E-06 | 1.79E-06 |
| 784 | 5.50E-07 | 1.43E-06 | 1.98E-06 |
| 785 | 6.05E-07 | 1.58E-06 | 2.19E-06 |
| 786 | 6.62E-07 | 1.74E-06 | 2.40E-06 |
| 787 | 7.16E-07 | 1.89E-06 | 2.61E-06 |
| 788 | 7.65E-07 | 2.03E-06 | 2.80E-06 |
| 789 | 8.02E-07 | 2.13E-06 | 2.93E-06 |
| 790 | 8.26E-07 | 2.19E-06 | 3.02E-06 |

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| 791 | 8.35E-07 | 2.20E-06 | 3.04E-06 |
| 792 | 8.28E-07 | 2.18E-06 | 3.01E-06 |
| 793 | 8.29E-07 | 2.16E-06 | 2.99E-06 |
| 794 | 2.01E-07 | 5.78E-07 | 7.79E-07 |
| 795 | 1.42E-07 | 3.89E-07 | 5.31E-07 |
| 796 | 1.52E-07 | 4.14E-07 | 5.66E-07 |
| 797 | 1.63E-07 | 4.41E-07 | 6.04E-07 |
| 798 | 1.75E-07 | 4.70E-07 | 6.45E-07 |
| 799 | 1.88E-07 | 5.04E-07 | 6.92E-07 |
| 800 | 2.03E-07 | 5.41E-07 | 7.44E-07 |
| 801 | 2.20E-07 | 5.83E-07 | 8.03E-07 |
| 802 | 2.38E-07 | 6.29E-07 | 8.67E-07 |
| 803 | 2.59E-07 | 6.82E-07 | 9.41E-07 |
| 804 | 2.83E-07 | 7.41E-07 | 1.02E-06 |
| 805 | 3.09E-07 | 8.07E-07 | 1.12E-06 |
| 806 | 3.38E-07 | 8.82E-07 | 1.22E-06 |
| 807 | 3.71E-07 | 9.66E-07 | 1.34E-06 |
| 808 | 4.06E-07 | 1.06E-06 | 1.47E-06 |
| 809 | 4.44E-07 | 1.16E-06 | 1.60E-06 |
| 810 | 4.85E-07 | 1.27E-06 | 1.76E-06 |
| 811 | 5.26E-07 | 1.38E-06 | 1.91E-06 |
| 812 | 5.66E-07 | 1.49E-06 | 2.06E-06 |
| 813 | 6.05E-07 | 1.59E-06 | 2.20E-06 |
| 814 | 6.37E-07 | 1.68E-06 | 2.32E-06 |
| 815 | 6.56E-07 | 1.73E-06 | 2.39E-06 |
| 816 | 6.75E-07 | 1.78E-06 | 2.46E-06 |
| 817 | 6.93E-07 | 1.82E-06 | 2.51E-06 |
| 818 | 7.05E-07 | 1.86E-06 | 2.57E-06 |
| 819 | 1.38E-07 | 3.77E-07 | 5.15E-07 |
| 820 | 1.47E-07 | 3.99E-07 | 5.46E-07 |
| 821 | 1.57E-07 | 4.25E-07 | 5.82E-07 |
| 822 | 1.68E-07 | 4.52E-07 | 6.20E-07 |
| 823 | 1.80E-07 | 4.83E-07 | 6.63E-07 |
| 824 | 1.94E-07 | 5.17E-07 | 7.11E-07 |
| 825 | 2.09E-07 | 5.55E-07 | 7.64E-07 |
| 826 | 2.26E-07 | 5.97E-07 | 8.23E-07 |
| 827 | 2.45E-07 | 6.44E-07 | 8.89E-07 |
| 828 | 2.65E-07 | 6.95E-07 | 9.60E-07 |
| 829 | 2.88E-07 | 7.53E-07 | 1.04E-06 |
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| 831 | 3.40E-07 | 8.88E-07 | 1.23E-06 |
| 832 | 3.68E-07 | 9.63E-07 | 1.33E-06 |
| 833 | 3.98E-07 | 1.04E-06 | 1.44E-06 |
| 834 | 4.29E-07 | 1.12E-06 | 1.55E-06 |

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| 838 | 5.41E-07 | 1.43E-06 | 1.97E-06 |
| 839 | 5.51E-07 | 1.45E-06 | 2.00E-06 |
| 840 | 5.75E-07 | 1.51E-06 | 2.09E-06 |
| 841 | 5.90E-07 | 1.55E-06 | 2.14E-06 |
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| 847 | 1.73E-07 | 4.63E-07 | 6.36E-07 |
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| 849 | 1.99E-07 | 5.28E-07 | 7.27E-07 |
| 850 | 2.14E-07 | 5.66E-07 | 7.80E-07 |
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| 852 | 2.48E-07 | 6.53E-07 | 9.01E-07 |
| 853 | 2.68E-07 | 7.03E-07 | 9.71E-07 |
| 854 | 2.89E-07 | 7.57E-07 | 1.05E-06 |
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| 858 | 3.82E-07 | 1.00E-06 | 1.38E-06 |
| 859 | 4.06E-07 | 1.07E-06 | 1.48E-06 |
| 860 | 4.28E-07 | 1.13E-06 | 1.56E-06 |
| 861 | 4.48E-07 | 1.18E-06 | 1.63E-06 |
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| 864 | 4.94E-07 | 1.29E-06 | 1.78E-06 |
| 865 | 5.05E-07 | 1.32E-06 | 1.83E-06 |
| 866 | 2.91E-07 | 7.57E-07 | 1.05E-06 |
| 867 | 1.29E-07 | 3.52E-07 | 4.81E-07 |
| 868 | 1.37E-07 | 3.72E-07 | 5.09E-07 |
| 869 | 1.46E-07 | 3.94E-07 | 5.40E-07 |
| 870 | 1.55E-07 | 4.17E-07 | 5.72E-07 |
| 871 | 1.66E-07 | 4.43E-07 | 6.09E-07 |
| 872 | 1.77E-07 | 4.71E-07 | 6.48E-07 |
| 873 | 1.89E-07 | 5.02E-07 | 6.91E-07 |
| 874 | 2.02E-07 | 5.36E-07 | 7.38E-07 |
| 875 | 2.17E-07 | 5.73E-07 | 7.90E-07 |
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| 877 | 2.49E-07 | 6.56E-07 | 9.05E-07 |
| 878 | 2.67E-07 | 7.01E-07 | 9.68E-07 |

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| 880 | 3.04E-07 | 7.99E-07 | 1.10E-06 |
| 881 | 3.23E-07 | 8.49E-07 | 1.17E-06 |
| 882 | 3.42E-07 | 8.99E-07 | 1.24E-06 |
| 883 | 3.60E-07 | 9.48E-07 | 1.31E-06 |
| 884 | 3.77E-07 | 9.93E-07 | 1.37E-06 |
| 885 | 3.92E-07 | 1.03E-06 | 1.42E-06 |
| 886 | 4.02E-07 | 1.06E-06 | 1.46E-06 |
| 887 | 4.14E-07 | 1.09E-06 | 1.50E-06 |
| 888 | 4.29E-07 | 1.13E-06 | 1.56E-06 |
| 889 | 4.30E-07 | 1.12E-06 | 1.55E-06 |
| 890 | 2.69E-07 | 7.02E-07 | 9.71E-07 |
| 891 | 2.51E-07 | 6.60E-07 | 9.11E-07 |
| 892 | 2.35E-07 | 6.21E-07 | 8.56E-07 |
| 893 | 2.20E-07 | 5.88E-07 | 8.08E-07 |
| 894 | 1.25E-07 | 3.40E-07 | 4.65E-07 |
| 895 | 1.32E-07 | 3.59E-07 | 4.91E-07 |
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| 898 | 1.58E-07 | 4.24E-07 | 5.82E-07 |
| 899 | 1.69E-07 | 4.50E-07 | 6.19E-07 |
| 900 | 1.80E-07 | 4.78E-07 | 6.58E-07 |
| 901 | 1.91E-07 | 5.08E-07 | 6.99E-07 |
| 902 | 2.04E-07 | 5.40E-07 | 7.44E-07 |
| 903 | 2.17E-07 | 5.75E-07 | 7.92E-07 |
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| 905 | 2.46E-07 | 6.49E-07 | 8.95E-07 |
| 906 | 2.61E-07 | 6.89E-07 | 9.50E-07 |
| 907 | 2.77E-07 | 7.29E-07 | 1.01E-06 |
| 908 | 2.92E-07 | 7.71E-07 | 1.06E-06 |
| 909 | 3.07E-07 | 8.10E-07 | 1.12E-06 |
| 910 | 3.22E-07 | 8.48E-07 | 1.17E-06 |
| 911 | 3.33E-07 | 8.74E-07 | 1.21E-06 |
| 912 | 3.45E-07 | 9.08E-07 | 1.25E-06 |
| 913 | 3.52E-07 | 9.31E-07 | 1.28E-06 |
| 914 | 3.69E-07 | 9.72E-07 | 1.34E-06 |
| 915 | 3.79E-07 | 9.95E-07 | 1.37E-06 |
| 916 | 3.78E-07 | 9.89E-07 | 1.37E-06 |
| 917 | 2.49E-07 | 6.53E-07 | 9.02E-07 |
| 918 | 2.34E-07 | 6.16E-07 | 8.50E-07 |
| 919 | 2.20E-07 | 5.82E-07 | 8.02E-07 |
| 920 | 2.06E-07 | 5.52E-07 | 7.58E-07 |
| 921 | 1.94E-07 | 5.25E-07 | 7.19E-07 |
| 922 | 1.21E-07 | 3.29E-07 | 4.50E-07 |

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|---|---|---|---|
| 923 | 1.28E-07 | 3.45E-07 | 4.73E-07 |
| 924 | 1.35E-07 | 3.64E-07 | 4.99E-07 |
| 925 | 1.43E-07 | 3.84E-07 | 5.27E-07 |
| 926 | 1.51E-07 | 4.06E-07 | 5.57E-07 |
| 927 | 1.61E-07 | 4.29E-07 | 5.90E-07 |
| 928 | 1.70E-07 | 4.54E-07 | 6.24E-07 |
| 929 | 1.81E-07 | 4.80E-07 | 6.61E-07 |
| 930 | 1.92E-07 | 5.09E-07 | 7.01E-07 |
| 931 | 2.03E-07 | 5.39E-07 | 7.42E-07 |
| 932 | 2.15E-07 | 5.70E-07 | 7.85E-07 |
| 933 | 2.28E-07 | 6.02E-07 | 8.30E-07 |
| 934 | 2.40E-07 | 6.35E-07 | 8.75E-07 |
| 935 | 2.53E-07 | 6.68E-07 | 9.21E-07 |
| 936 | 2.66E-07 | 7.02E-07 | 9.68E-07 |
| 937 | 2.78E-07 | 7.33E-07 | 1.01E-06 |
| 938 | 2.89E-07 | 7.63E-07 | 1.05E-06 |
| 939 | 2.97E-07 | 7.83E-07 | 1.08E-06 |
| 940 | 3.06E-07 | 8.08E-07 | 1.11E-06 |
| 941 | 3.15E-07 | 8.34E-07 | 1.15E-06 |
| 942 | 3.30E-07 | 8.70E-07 | 1.20E-06 |
| 943 | 3.31E-07 | 8.71E-07 | 1.20E-06 |
| 944 | 3.15E-07 | 8.30E-07 | 1.15E-06 |
| 945 | 2.30E-07 | 6.07E-07 | 8.37E-07 |
| 946 | 2.17E-07 | 5.76E-07 | 7.93E-07 |
| 947 | 2.05E-07 | 5.47E-07 | 7.52E-07 |
| 948 | 1.94E-07 | 5.20E-07 | 7.14E-07 |
| 949 | 1.83E-07 | 4.95E-07 | 6.78E-07 |
| 950 | 1.73E-07 | 4.74E-07 | 6.47E-07 |
| 951 | 1.17E-07 | 3.17E-07 | 4.34E-07 |
| 952 | 1.23E-07 | 3.33E-07 | 4.56E-07 |
| 953 | 1.30E-07 | 3.50E-07 | 4.80E-07 |
| 954 | 1.37E-07 | 3.68E-07 | 5.05E-07 |
| 955 | 1.45E-07 | 3.88E-07 | 5.33E-07 |
| 956 | 1.53E-07 | 4.09E-07 | 5.62E-07 |
| 957 | 1.62E-07 | 4.31E-07 | 5.93E-07 |
| 958 | 1.71E-07 | 4.55E-07 | 6.26E-07 |
| 959 | 1.80E-07 | 4.80E-07 | 6.60E-07 |
| 960 | 1.90E-07 | 5.06E-07 | 6.96E-07 |
| 961 | 2.01E-07 | 5.32E-07 | 7.33E-07 |
| 962 | 2.11E-07 | 5.60E-07 | 7.71E-07 |
| 963 | 2.22E-07 | 5.88E-07 | 8.10E-07 |
| 964 | 2.32E-07 | 6.15E-07 | 8.47E-07 |
| 965 | 2.43E-07 | 6.42E-07 | 8.85E-07 |
| 966 | 2.52E-07 | 6.68E-07 | 9.20E-07 |

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| 967 | 2.61E-07 | 6.91E-07 | 9.52E-07 |
| 968 | 2.67E-07 | 7.05E-07 | 9.72E-07 |
| 969 | 2.76E-07 | 7.31E-07 | 1.01E-06 |
| 970 | 2.87E-07 | 7.60E-07 | 1.05E-06 |
| 971 | 2.13E-07 | 5.65E-07 | 7.78E-07 |
| 972 | 2.03E-07 | 5.39E-07 | 7.42E-07 |
| 973 | 1.92E-07 | 5.14E-07 | 7.06E-07 |
| 974 | 1.82E-07 | 4.90E-07 | 6.72E-07 |
| 975 | 1.73E-07 | 4.67E-07 | 6.40E-07 |
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| 977 | 1.12E-07 | 3.06E-07 | 4.18E-07 |
| 978 | 1.18E-07 | 3.20E-07 | 4.38E-07 |
| 979 | 1.24E-07 | 3.36E-07 | 4.60E-07 |
| 980 | 1.31E-07 | 3.53E-07 | 4.84E-07 |
| 981 | 1.38E-07 | 3.70E-07 | 5.08E-07 |
| 982 | 1.45E-07 | 3.89E-07 | 5.34E-07 |
| 983 | 1.53E-07 | 4.09E-07 | 5.62E-07 |
| 984 | 1.61E-07 | 4.29E-07 | 5.90E-07 |
| 985 | 1.70E-07 | 4.51E-07 | 6.21E-07 |
| 986 | 1.78E-07 | 4.73E-07 | 6.51E-07 |
| 987 | 1.87E-07 | 4.97E-07 | 6.84E-07 |
| 988 | 1.96E-07 | 5.21E-07 | 7.17E-07 |
| 989 | 2.05E-07 | 5.44E-07 | 7.49E-07 |
| 990 | 2.14E-07 | 5.67E-07 | 7.81E-07 |
| 991 | 2.22E-07 | 5.89E-07 | 8.11E-07 |
| 992 | 2.30E-07 | 6.10E-07 | 8.40E-07 |
| 993 | 2.38E-07 | 6.31E-07 | 8.69E-07 |
| 994 | 2.43E-07 | 6.43E-07 | 8.86E-07 |
| 995 | 2.48E-07 | 6.60E-07 | 9.08E-07 |
| 996 | 1.98E-07 | 5.26E-07 | 7.24E-07 |
| 997 | 1.89E-07 | 5.08E-07 | 6.97E-07 |
| 998 | 1.80E-07 | 4.83E-07 | 6.63E-07 |
| 999 | 1.72E-07 | 4.62E-07 | 6.34E-07 |
| 1000 | 1.63E-07 | 4.42E-07 | 6.05E-07 |
| 1001 | 1.55E-07 | 4.24E-07 | 5.79E-07 |
| 1002 | 1.47E-07 | 4.07E-07 | 5.54E-07 |
| 1003 | 1.08E-07 | 2.95E-07 | 4.03E-07 |
| 1004 | 1.14E-07 | 3.08E-07 | 4.22E-07 |
| 1005 | 1.19E-07 | 3.23E-07 | 4.42E-07 |
| 1006 | 1.25E-07 | 3.38E-07 | 4.63E-07 |
| 1007 | 1.32E-07 | 3.54E-07 | 4.86E-07 |
| 1008 | 1.38E-07 | 3.71E-07 | 5.09E-07 |
| 1009 | 1.45E-07 | 3.88E-07 | 5.33E-07 |
| 1010 | 1.52E-07 | 4.06E-07 | 5.58E-07 |

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| 1011 | 1.60E-07 | 4.25E-07 | 5.85E-07 |
| 1012 | 1.67E-07 | 4.45E-07 | 6.12E-07 |
| 1013 | 1.75E-07 | 4.65E-07 | 6.40E-07 |
| 1014 | 1.82E-07 | 4.85E-07 | 6.67E-07 |
| 1015 | 1.90E-07 | 5.05E-07 | 6.95E-07 |
| 1016 | 1.97E-07 | 5.24E-07 | 7.21E-07 |
| 1017 | 2.04E-07 | 5.42E-07 | 7.46E-07 |
| 1018 | 2.11E-07 | 5.60E-07 | 7.71E-07 |
| 1019 | 2.17E-07 | 5.77E-07 | 7.94E-07 |
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| 1021 | 2.25E-07 | 6.00E-07 | 8.25E-07 |
| 1022 | 1.85E-07 | 4.98E-07 | 6.83E-07 |
| 1023 | 1.77E-07 | 4.76E-07 | 6.53E-07 |
| 1024 | 1.69E-07 | 4.54E-07 | 6.23E-07 |
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| 1026 | 1.54E-07 | 4.19E-07 | 5.73E-07 |
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| 1028 | 1.40E-07 | 3.87E-07 | 5.27E-07 |
| 1029 | 1.34E-07 | 3.72E-07 | 5.06E-07 |
| 1030 | 1.04E-07 | 2.83E-07 | 3.87E-07 |
| 1031 | 1.07E-07 | 2.90E-07 | 3.97E-07 |
| 1032 | 1.11E-07 | 3.02E-07 | 4.13E-07 |
| 1033 | 1.17E-07 | 3.15E-07 | 4.32E-07 |
| 1034 | 1.23E-07 | 3.31E-07 | 4.54E-07 |
| 1035 | 1.31E-07 | 3.51E-07 | 4.82E-07 |
| 1036 | 1.35E-07 | 3.63E-07 | 4.98E-07 |
| 1037 | 1.41E-07 | 3.77E-07 | 5.18E-07 |
| 1038 | 1.50E-07 | 3.99E-07 | 5.49E-07 |
| 1039 | 1.57E-07 | 4.17E-07 | 5.74E-07 |
| 1040 | 1.63E-07 | 4.36E-07 | 5.99E-07 |
| 1041 | 1.70E-07 | 4.53E-07 | 6.23E-07 |
| 1042 | 1.76E-07 | 4.69E-07 | 6.45E-07 |
| 1043 | 1.82E-07 | 4.85E-07 | 6.67E-07 |
| 1044 | 1.88E-07 | 5.01E-07 | 6.89E-07 |
| 1045 | 1.94E-07 | 5.16E-07 | 7.10E-07 |
| 1046 | 1.99E-07 | 5.30E-07 | 7.29E-07 |
| 1047 | 2.04E-07 | 5.42E-07 | 7.46E-07 |
| 1048 | 2.07E-07 | 5.50E-07 | 7.57E-07 |
| 1049 | 2.11E-07 | 5.63E-07 | 7.74E-07 |
| 1050 | 2.21E-07 | 5.87E-07 | 8.08E-07 |
| 1051 | 1.72E-07 | 4.66E-07 | 6.38E-07 |
| 1052 | 1.65E-07 | 4.46E-07 | 6.11E-07 |
| 1053 | 1.59E-07 | 4.28E-07 | 5.87E-07 |
| 1054 | 1.52E-07 | 4.12E-07 | 5.64E-07 |

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| 1055 | 1.46E-07 | 3.97E-07 | 5.43E-07 |
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| 1057 | 1.34E-07 | 3.69E-07 | 5.03E-07 |
| 1058 | 1.28E-07 | 3.55E-07 | 4.83E-07 |
| 1059 | 9.90E-08 | 2.70E-07 | 3.69E-07 |
| 1060 | 1.02E-07 | 2.78E-07 | 3.80E-07 |
| 1061 | 1.07E-07 | 2.89E-07 | 3.96E-07 |
| 1062 | 1.11E-07 | 3.01E-07 | 4.12E-07 |
| 1063 | 1.17E-07 | 3.14E-07 | 4.31E-07 |
| 1064 | 1.22E-07 | 3.29E-07 | 4.51E-07 |
| 1065 | 1.28E-07 | 3.43E-07 | 4.71E-07 |
| 1066 | 1.33E-07 | 3.57E-07 | 4.90E-07 |
| 1067 | 1.41E-07 | 3.77E-07 | 5.18E-07 |
| 1068 | 1.47E-07 | 3.92E-07 | 5.39E-07 |
| 1069 | 1.53E-07 | 4.08E-07 | 5.61E-07 |
| 1070 | 1.57E-07 | 4.19E-07 | 5.76E-07 |
| 1071 | 1.63E-07 | 4.33E-07 | 5.96E-07 |
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| 1073 | 1.74E-07 | 4.64E-07 | 6.38E-07 |
| 1074 | 1.78E-07 | 4.74E-07 | 6.52E-07 |
| 1075 | 1.82E-07 | 4.85E-07 | 6.67E-07 |
| 1076 | 1.86E-07 | 4.96E-07 | 6.82E-07 |
| 1077 | 1.89E-07 | 5.06E-07 | 6.95E-07 |
| 1078 | 1.94E-07 | 5.17E-07 | 7.11E-07 |
| 1079 | 1.99E-07 | 5.29E-07 | 7.28E-07 |
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| 1081 | 2.08E-07 | 5.50E-07 | 7.58E-07 |
| 1082 | 1.62E-07 | 4.39E-07 | 6.01E-07 |
| 1083 | 1.57E-07 | 4.24E-07 | 5.81E-07 |
| 1084 | 1.50E-07 | 4.09E-07 | 5.59E-07 |
| 1085 | 1.43E-07 | 3.89E-07 | 5.32E-07 |
| 1086 | 1.38E-07 | 3.76E-07 | 5.14E-07 |
| 1087 | 1.33E-07 | 3.66E-07 | 4.99E-07 |
| 1088 | 1.28E-07 | 3.53E-07 | 4.81E-07 |
| 1089 | 1.22E-07 | 3.40E-07 | 4.62E-07 |
| 1090 | 9.44E-08 | 2.58E-07 | 3.52E-07 |
| 1091 | 9.80E-08 | 2.67E-07 | 3.65E-07 |
| 1092 | 1.02E-07 | 2.78E-07 | 3.80E-07 |
| 1093 | 1.07E-07 | 2.89E-07 | 3.96E-07 |
| 1094 | 1.12E-07 | 3.02E-07 | 4.14E-07 |
| 1095 | 1.16E-07 | 3.14E-07 | 4.30E-07 |
| 1096 | 1.21E-07 | 3.26E-07 | 4.47E-07 |
| 1097 | 1.27E-07 | 3.40E-07 | 4.67E-07 |
| 1098 | 1.33E-07 | 3.57E-07 | 4.90E-07 |

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| 1099 | 1.38E-07 | 3.70E-07 | 5.08E-07 |
| 1100 | 1.43E-07 | 3.81E-07 | 5.24E-07 |
| 1101 | 1.47E-07 | 3.93E-07 | 5.40E-07 |
| 1102 | 1.51E-07 | 4.05E-07 | 5.56E-07 |
| 1103 | 1.56E-07 | 4.16E-07 | 5.72E-07 |
| 1104 | 1.61E-07 | 4.28E-07 | 5.89E-07 |
| 1105 | 1.65E-07 | 4.39E-07 | 6.04E-07 |
| 1106 | 1.68E-07 | 4.50E-07 | 6.18E-07 |
| 1107 | 1.71E-07 | 4.58E-07 | 6.29E-07 |
| 1108 | 1.74E-07 | 4.66E-07 | 6.40E-07 |
| 1109 | 1.77E-07 | 4.73E-07 | 6.50E-07 |
| 1110 | 1.79E-07 | 4.80E-07 | 6.59E-07 |
| 1111 | 1.85E-07 | 4.93E-07 | 6.78E-07 |
| 1112 | 1.87E-07 | 4.97E-07 | 6.84E-07 |
| 1113 | 1.88E-07 | 5.01E-07 | 6.89E-07 |
| 1114 | 1.90E-07 | 5.08E-07 | 6.98E-07 |
| 1115 | 1.50E-07 | 4.05E-07 | 5.55E-07 |
| 1116 | 1.45E-07 | 3.93E-07 | 5.38E-07 |
| 1117 | 1.41E-07 | 3.86E-07 | 5.27E-07 |
| 1118 | 1.35E-07 | 3.69E-07 | 5.04E-07 |
| 1119 | 1.31E-07 | 3.60E-07 | 4.91E-07 |
| 1120 | 1.26E-07 | 3.49E-07 | 4.75E-07 |
| 1121 | 1.22E-07 | 3.37E-07 | 4.59E-07 |
| 1122 | 1.19E-07 | 3.30E-07 | 4.49E-07 |
| 1123 | 4.98E-08 | 3.46E-07 | 3.96E-07 |
| 1124 | 5.12E-08 | 3.51E-07 | 4.02E-07 |
| 1125 | 5.26E-08 | 3.55E-07 | 4.08E-07 |
| 1126 | 5.41E-08 | 3.60E-07 | 4.14E-07 |
| 1127 | 5.57E-08 | 3.64E-07 | 4.20E-07 |
| 1128 | 5.72E-08 | 3.68E-07 | 4.25E-07 |
| 1129 | 5.88E-08 | 3.71E-07 | 4.30E-07 |
| 1130 | 6.05E-08 | 3.74E-07 | 4.35E-07 |
| 1131 | 6.22E-08 | 3.78E-07 | 4.40E-07 |
| 1132 | 6.39E-08 | 3.82E-07 | 4.46E-07 |
| 1133 | 6.56E-08 | 3.87E-07 | 4.53E-07 |
| 1134 | 6.72E-08 | 3.92E-07 | 4.59E-07 |
| 1135 | 5.86E-08 | 3.74E-07 | 4.33E-07 |
| 1136 | 5.10E-08 | 3.62E-07 | 4.13E-07 |
| 1137 | 5.20E-08 | 3.65E-07 | 4.17E-07 |
| 1138 | 3.75E-08 | 2.66E-07 | 3.04E-07 |
| 1139 | 3.79E-08 | 2.68E-07 | 3.06E-07 |
| 1140 | 4.44E-08 | 3.41E-07 | 3.85E-07 |
| 1141 | 5.20E-08 | 3.79E-07 | 4.31E-07 |
| 1142 | 5.86E-08 | 3.98E-07 | 4.57E-07 |

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| 1143 | 6.21E-08 | 4.13E-07 | 4.75E-07 |
| 1144 | 6.31E-08 | 4.30E-07 | 4.93E-07 |
| 1145 | 6.31E-08 | 4.54E-07 | 5.17E-07 |
| 1146 | 6.37E-08 | 4.89E-07 | 5.53E-07 |
| 1147 | 6.14E-08 | 5.47E-07 | 6.08E-07 |
| 1148 | 6.07E-08 | 6.67E-07 | 7.28E-07 |
| 1149 | 5.62E-08 | 7.63E-07 | 8.19E-07 |
| 1150 | 5.42E-08 | 5.14E-07 | 5.68E-07 |
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| 1152 | 4.93E-08 | 3.03E-07 | 3.52E-07 |
| 1153 | 4.29E-08 | 2.30E-07 | 2.73E-07 |
| 1154 | 3.82E-08 | 1.95E-07 | 2.33E-07 |
| 1155 | 3.69E-08 | 1.80E-07 | 2.17E-07 |
| 1156 | 3.70E-08 | 1.71E-07 | 2.08E-07 |
| 1157 | 3.67E-08 | 1.63E-07 | 2.00E-07 |
| 1158 | 3.71E-08 | 1.58E-07 | 1.95E-07 |
| 1159 | 3.67E-08 | 1.52E-07 | 1.89E-07 |
| 1160 | 3.70E-08 | 1.48E-07 | 1.85E-07 |
| 1161 | 3.71E-08 | 1.45E-07 | 1.82E-07 |
| 1162 | 3.72E-08 | 1.42E-07 | 1.79E-07 |
| 1163 | 3.71E-08 | 1.39E-07 | 1.76E-07 |
| 1164 | 3.67E-08 | 1.35E-07 | 1.72E-07 |
| 1165 | 3.65E-08 | 1.32E-07 | 1.69E-07 |
| 1166 | 3.64E-08 | 1.29E-07 | 1.65E-07 |
| 1167 | 3.65E-08 | 1.28E-07 | 1.65E-07 |
| 1168 | 3.65E-08 | 1.26E-07 | 1.63E-07 |
| 1169 | 3.65E-08 | 1.25E-07 | 1.62E-07 |
| 1170 | 3.66E-08 | 1.23E-07 | 1.60E-07 |
| 1171 | 3.69E-08 | 1.23E-07 | 1.60E-07 |
| 1172 | 3.71E-08 | 1.22E-07 | 1.59E-07 |
| 1173 | 3.72E-08 | 1.21E-07 | 1.58E-07 |
| 1174 | 3.73E-08 | 1.20E-07 | 1.57E-07 |
| 1175 | 3.75E-08 | 1.19E-07 | 1.57E-07 |
| 1176 | 3.76E-08 | 1.18E-07 | 1.56E-07 |
| 1177 | 3.75E-08 | 1.17E-07 | 1.55E-07 |
| 1178 | 3.75E-08 | 1.16E-07 | 1.54E-07 |
| 1179 | 3.76E-08 | 1.16E-07 | 1.54E-07 |
| 1180 | 3.79E-08 | 1.17E-07 | 1.55E-07 |
| 1181 | 3.83E-08 | 1.17E-07 | 1.55E-07 |
| 1182 | 5.11E-08 | 3.10E-07 | 3.61E-07 |
| 1183 | 5.26E-08 | 3.18E-07 | 3.71E-07 |
| 1184 | 5.41E-08 | 3.22E-07 | 3.76E-07 |
| 1185 | 5.57E-08 | 3.28E-07 | 3.84E-07 |
| 1186 | 5.73E-08 | 3.33E-07 | 3.90E-07 |

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| 1187 | 5.90E-08 | 3.37E-07 | 3.96E-07 |
| 1188 | 6.07E-08 | 3.42E-07 | 4.03E-07 |
| 1189 | 6.25E-08 | 3.47E-07 | 4.10E-07 |
| 1190 | 6.43E-08 | 3.52E-07 | 4.16E-07 |
| 1191 | 6.62E-08 | 3.57E-07 | 4.23E-07 |
| 1192 | 6.80E-08 | 3.62E-07 | 4.30E-07 |
| 1193 | 6.99E-08 | 3.67E-07 | 4.37E-07 |
| 1194 | 6.01E-08 | 3.48E-07 | 4.08E-07 |
| 1195 | 5.69E-08 | 3.43E-07 | 4.00E-07 |
| 1196 | 5.40E-08 | 3.40E-07 | 3.94E-07 |
| 1197 | 3.91E-08 | 2.55E-07 | 2.94E-07 |
| 1198 | 4.20E-08 | 2.81E-07 | 3.23E-07 |
| 1199 | 5.12E-08 | 3.44E-07 | 3.95E-07 |
| 1200 | 6.00E-08 | 3.69E-07 | 4.29E-07 |
| 1201 | 6.37E-08 | 3.84E-07 | 4.48E-07 |
| 1202 | 6.78E-08 | 4.02E-07 | 4.70E-07 |
| 1203 | 6.79E-08 | 4.17E-07 | 4.85E-07 |
| 1204 | 6.87E-08 | 4.41E-07 | 5.10E-07 |
| 1205 | 6.74E-08 | 4.74E-07 | 5.41E-07 |
| 1206 | 6.27E-08 | 5.34E-07 | 5.97E-07 |
| 1207 | 6.38E-08 | 6.59E-07 | 7.23E-07 |
| 1208 | 5.81E-08 | 7.78E-07 | 8.36E-07 |
| 1209 | 5.68E-08 | 5.36E-07 | 5.93E-07 |
| 1210 | 5.58E-08 | 4.21E-07 | 4.77E-07 |
| 1211 | 4.89E-08 | 2.86E-07 | 3.35E-07 |
| 1212 | 4.26E-08 | 2.27E-07 | 2.70E-07 |
| 1213 | 3.91E-08 | 1.98E-07 | 2.37E-07 |
| 1214 | 3.82E-08 | 1.84E-07 | 2.22E-07 |
| 1215 | 3.83E-08 | 1.75E-07 | 2.13E-07 |
| 1216 | 3.84E-08 | 1.68E-07 | 2.06E-07 |
| 1217 | 3.85E-08 | 1.62E-07 | 2.01E-07 |
| 1218 | 3.86E-08 | 1.57E-07 | 1.96E-07 |
| 1219 | 3.89E-08 | 1.53E-07 | 1.92E-07 |
| 1220 | 3.91E-08 | 1.50E-07 | 1.89E-07 |
| 1221 | 3.91E-08 | 1.47E-07 | 1.86E-07 |
| 1222 | 3.90E-08 | 1.44E-07 | 1.83E-07 |
| 1223 | 3.87E-08 | 1.40E-07 | 1.79E-07 |
| 1224 | 3.85E-08 | 1.37E-07 | 1.76E-07 |
| 1225 | 3.84E-08 | 1.35E-07 | 1.73E-07 |
| 1226 | 3.83E-08 | 1.33E-07 | 1.71E-07 |
| 1227 | 3.84E-08 | 1.31E-07 | 1.69E-07 |
| 1228 | 3.85E-08 | 1.30E-07 | 1.69E-07 |
| 1229 | 3.87E-08 | 1.29E-07 | 1.68E-07 |
| 1230 | 3.89E-08 | 1.28E-07 | 1.67E-07 |

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| 1231 | 3.92E-08 | 1.27E-07 | 1.66E-07 |
| 1232 | 3.94E-08 | 1.27E-07 | 1.66E-07 |
| 1233 | 3.97E-08 | 1.26E-07 | 1.66E-07 |
| 1234 | 3.98E-08 | 1.26E-07 | 1.66E-07 |
| 1235 | 3.98E-08 | 1.24E-07 | 1.64E-07 |
| 1236 | 3.97E-08 | 1.23E-07 | 1.63E-07 |
| 1237 | 3.97E-08 | 1.22E-07 | 1.62E-07 |
| 1238 | 3.98E-08 | 1.22E-07 | 1.62E-07 |
| 1239 | 4.02E-08 | 1.23E-07 | 1.63E-07 |
| 1240 | 4.08E-08 | 1.24E-07 | 1.65E-07 |
| 1241 | 5.24E-08 | 2.88E-07 | 3.40E-07 |
| 1242 | 5.40E-08 | 2.95E-07 | 3.49E-07 |
| 1243 | 5.57E-08 | 3.01E-07 | 3.57E-07 |
| 1244 | 5.73E-08 | 3.06E-07 | 3.63E-07 |
| 1245 | 5.91E-08 | 3.12E-07 | 3.71E-07 |
| 1246 | 6.09E-08 | 3.16E-07 | 3.77E-07 |
| 1247 | 6.27E-08 | 3.22E-07 | 3.85E-07 |
| 1248 | 6.46E-08 | 3.28E-07 | 3.93E-07 |
| 1249 | 6.66E-08 | 3.33E-07 | 4.00E-07 |
| 1250 | 6.86E-08 | 3.39E-07 | 4.08E-07 |
| 1251 | 7.06E-08 | 3.45E-07 | 4.16E-07 |
| 1252 | 7.27E-08 | 3.51E-07 | 4.24E-07 |
| 1253 | 6.62E-08 | 3.39E-07 | 4.05E-07 |
| 1254 | 6.33E-08 | 3.35E-07 | 3.98E-07 |
| 1255 | 6.05E-08 | 3.32E-07 | 3.93E-07 |
| 1256 | 5.44E-08 | 3.22E-07 | 3.76E-07 |
| 1257 | 5.79E-08 | 3.34E-07 | 3.92E-07 |
| 1258 | 6.04E-08 | 3.45E-07 | 4.05E-07 |
| 1259 | 6.57E-08 | 3.62E-07 | 4.28E-07 |
| 1260 | 6.93E-08 | 3.78E-07 | 4.47E-07 |
| 1261 | 7.46E-08 | 4.00E-07 | 4.75E-07 |
| 1262 | 7.30E-08 | 4.13E-07 | 4.86E-07 |
| 1263 | 7.22E-08 | 4.35E-07 | 5.07E-07 |
| 1264 | 7.06E-08 | 4.68E-07 | 5.39E-07 |
| 1265 | 6.63E-08 | 5.28E-07 | 5.94E-07 |
| 1266 | 6.75E-08 | 6.56E-07 | 7.24E-07 |
| 1267 | 6.04E-08 | 7.85E-07 | 8.45E-07 |
| 1268 | 5.82E-08 | 5.27E-07 | 5.85E-07 |
| 1269 | 5.68E-08 | 4.09E-07 | 4.66E-07 |
| 1270 | 4.96E-08 | 2.84E-07 | 3.34E-07 |
| 1271 | 4.32E-08 | 2.29E-07 | 2.72E-07 |
| 1272 | 4.01E-08 | 2.01E-07 | 2.41E-07 |
| 1273 | 4.01E-08 | 1.90E-07 | 2.30E-07 |
| 1274 | 4.06E-08 | 1.82E-07 | 2.23E-07 |

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| 1275 | 4.05E-08 | 1.74E-07 | 2.15E-07 |
| 1276 | 4.07E-08 | 1.68E-07 | 2.09E-07 |
| 1277 | 4.09E-08 | 1.64E-07 | 2.05E-07 |
| 1278 | 4.11E-08 | 1.60E-07 | 2.01E-07 |
| 1279 | 4.13E-08 | 1.57E-07 | 1.98E-07 |
| 1280 | 4.13E-08 | 1.53E-07 | 1.94E-07 |
| 1281 | 4.13E-08 | 1.51E-07 | 1.92E-07 |
| 1282 | 4.09E-08 | 1.46E-07 | 1.87E-07 |
| 1283 | 4.08E-08 | 1.43E-07 | 1.84E-07 |
| 1284 | 4.06E-08 | 1.41E-07 | 1.82E-07 |
| 1285 | 4.05E-08 | 1.38E-07 | 1.79E-07 |
| 1286 | 4.06E-08 | 1.37E-07 | 1.78E-07 |
| 1287 | 4.08E-08 | 1.35E-07 | 1.76E-07 |
| 1288 | 4.10E-08 | 1.34E-07 | 1.75E-07 |
| 1289 | 4.13E-08 | 1.34E-07 | 1.75E-07 |
| 1290 | 4.17E-08 | 1.34E-07 | 1.76E-07 |
| 1291 | 4.19E-08 | 1.33E-07 | 1.75E-07 |
| 1292 | 4.22E-08 | 1.33E-07 | 1.75E-07 |
| 1293 | 4.25E-08 | 1.33E-07 | 1.76E-07 |
| 1294 | 4.23E-08 | 1.31E-07 | 1.73E-07 |
| 1295 | 4.21E-08 | 1.30E-07 | 1.72E-07 |
| 1296 | 4.21E-08 | 1.29E-07 | 1.71E-07 |
| 1297 | 4.23E-08 | 1.28E-07 | 1.70E-07 |
| 1298 | 4.27E-08 | 1.29E-07 | 1.72E-07 |
| 1299 | 4.32E-08 | 1.30E-07 | 1.73E-07 |
| 1300 | 5.38E-08 | 2.73E-07 | 3.27E-07 |
| 1301 | 5.55E-08 | 2.79E-07 | 3.35E-07 |
| 1302 | 5.72E-08 | 2.85E-07 | 3.42E-07 |
| 1303 | 5.90E-08 | 2.91E-07 | 3.50E-07 |
| 1304 | 6.09E-08 | 2.97E-07 | 3.58E-07 |
| 1305 | 6.28E-08 | 3.02E-07 | 3.65E-07 |
| 1306 | 6.48E-08 | 3.08E-07 | 3.73E-07 |
| 1307 | 6.68E-08 | 3.14E-07 | 3.81E-07 |
| 1308 | 6.89E-08 | 3.21E-07 | 3.90E-07 |
| 1309 | 7.11E-08 | 3.27E-07 | 3.98E-07 |
| 1310 | 7.33E-08 | 3.34E-07 | 4.07E-07 |
| 1311 | 7.55E-08 | 3.42E-07 | 4.18E-07 |
| 1312 | 7.78E-08 | 3.49E-07 | 4.27E-07 |
| 1313 | 6.97E-08 | 3.33E-07 | 4.03E-07 |
| 1314 | 6.89E-08 | 3.35E-07 | 4.04E-07 |
| 1315 | 6.55E-08 | 3.31E-07 | 3.97E-07 |
| 1316 | 6.46E-08 | 3.34E-07 | 3.99E-07 |
| 1317 | 6.82E-08 | 3.47E-07 | 4.15E-07 |
| 1318 | 7.19E-08 | 3.62E-07 | 4.34E-07 |

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| 1319 | 7.65E-08 | 3.81E-07 | 4.58E-07 |
| 1320 | 7.97E-08 | 3.99E-07 | 4.79E-07 |
| 1321 | 7.92E-08 | 4.15E-07 | 4.94E-07 |
| 1322 | 7.97E-08 | 4.39E-07 | 5.19E-07 |
| 1323 | 7.55E-08 | 4.69E-07 | 5.45E-07 |
| 1324 | 6.99E-08 | 5.28E-07 | 5.98E-07 |
| 1325 | 7.12E-08 | 6.57E-07 | 7.28E-07 |
| 1326 | 6.25E-08 | 7.75E-07 | 8.38E-07 |
| 1327 | 5.90E-08 | 4.94E-07 | 5.53E-07 |
| 1328 | 5.76E-08 | 3.87E-07 | 4.45E-07 |
| 1329 | 4.90E-08 | 2.75E-07 | 3.24E-07 |
| 1330 | 4.41E-08 | 2.31E-07 | 2.75E-07 |
| 1331 | 4.21E-08 | 2.08E-07 | 2.50E-07 |
| 1332 | 4.24E-08 | 1.97E-07 | 2.39E-07 |
| 1333 | 4.30E-08 | 1.89E-07 | 2.32E-07 |
| 1334 | 4.27E-08 | 1.80E-07 | 2.23E-07 |
| 1335 | 4.32E-08 | 1.75E-07 | 2.18E-07 |
| 1336 | 4.36E-08 | 1.71E-07 | 2.15E-07 |
| 1337 | 4.38E-08 | 1.68E-07 | 2.12E-07 |
| 1338 | 4.39E-08 | 1.64E-07 | 2.08E-07 |
| 1339 | 4.40E-08 | 1.61E-07 | 2.05E-07 |
| 1340 | 4.38E-08 | 1.57E-07 | 2.01E-07 |
| 1341 | 4.36E-08 | 1.54E-07 | 1.98E-07 |
| 1342 | 4.34E-08 | 1.51E-07 | 1.94E-07 |
| 1343 | 4.31E-08 | 1.47E-07 | 1.90E-07 |
| 1344 | 4.30E-08 | 1.45E-07 | 1.88E-07 |
| 1345 | 4.32E-08 | 1.43E-07 | 1.86E-07 |
| 1346 | 4.34E-08 | 1.42E-07 | 1.85E-07 |
| 1347 | 4.37E-08 | 1.42E-07 | 1.86E-07 |
| 1348 | 4.41E-08 | 1.41E-07 | 1.85E-07 |
| 1349 | 4.44E-08 | 1.41E-07 | 1.85E-07 |
| 1350 | 4.46E-08 | 1.41E-07 | 1.86E-07 |
| 1351 | 4.50E-08 | 1.41E-07 | 1.86E-07 |
| 1352 | 4.56E-08 | 1.42E-07 | 1.88E-07 |
| 1353 | 4.53E-08 | 1.40E-07 | 1.85E-07 |
| 1354 | 4.49E-08 | 1.37E-07 | 1.82E-07 |
| 1355 | 4.48E-08 | 1.35E-07 | 1.80E-07 |
| 1356 | 4.49E-08 | 1.35E-07 | 1.80E-07 |
| 1357 | 4.52E-08 | 1.36E-07 | 1.81E-07 |
| 1358 | 4.58E-08 | 1.37E-07 | 1.83E-07 |
| 1359 | 5.52E-08 | 2.61E-07 | 3.16E-07 |
| 1360 | 5.70E-08 | 2.67E-07 | 3.24E-07 |
| 1361 | 5.88E-08 | 2.73E-07 | 3.32E-07 |
| 1362 | 6.08E-08 | 2.80E-07 | 3.41E-07 |

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| 1363 | 6.27E-08 | 2.87E-07 | 3.50E-07 |
| 1364 | 6.48E-08 | 2.93E-07 | 3.58E-07 |
| 1365 | 6.69E-08 | 2.99E-07 | 3.66E-07 |
| 1366 | 6.91E-08 | 3.06E-07 | 3.75E-07 |
| 1367 | 7.14E-08 | 3.13E-07 | 3.84E-07 |
| 1368 | 7.37E-08 | 3.20E-07 | 3.94E-07 |
| 1369 | 7.60E-08 | 3.28E-07 | 4.04E-07 |
| 1370 | 7.63E-08 | 3.28E-07 | 4.04E-07 |
| 1371 | 7.15E-08 | 3.22E-07 | 3.94E-07 |
| 1372 | 8.00E-08 | 3.43E-07 | 4.23E-07 |
| 1373 | 7.54E-08 | 3.37E-07 | 4.12E-07 |
| 1374 | 7.69E-08 | 3.44E-07 | 4.21E-07 |
| 1375 | 7.61E-08 | 3.47E-07 | 4.23E-07 |
| 1376 | 7.91E-08 | 3.60E-07 | 4.39E-07 |
| 1377 | 7.97E-08 | 3.69E-07 | 4.49E-07 |
| 1378 | 8.46E-08 | 3.89E-07 | 4.74E-07 |
| 1379 | 8.35E-08 | 3.99E-07 | 4.83E-07 |
| 1380 | 8.28E-08 | 4.15E-07 | 4.98E-07 |
| 1381 | 8.38E-08 | 4.42E-07 | 5.26E-07 |
| 1382 | 7.91E-08 | 4.72E-07 | 5.51E-07 |
| 1383 | 7.48E-08 | 5.32E-07 | 6.07E-07 |
| 1384 | 7.45E-08 | 6.64E-07 | 7.39E-07 |
| 1385 | 6.22E-08 | 6.56E-07 | 7.18E-07 |
| 1386 | 6.14E-08 | 4.85E-07 | 5.46E-07 |
| 1387 | 5.64E-08 | 3.50E-07 | 4.06E-07 |
| 1388 | 4.89E-08 | 2.71E-07 | 3.20E-07 |
| 1389 | 4.53E-08 | 2.34E-07 | 2.79E-07 |
| 1390 | 4.42E-08 | 2.14E-07 | 2.58E-07 |
| 1391 | 4.51E-08 | 2.05E-07 | 2.50E-07 |
| 1392 | 4.58E-08 | 1.97E-07 | 2.43E-07 |
| 1393 | 4.55E-08 | 1.88E-07 | 2.34E-07 |
| 1394 | 4.61E-08 | 1.83E-07 | 2.29E-07 |
| 1395 | 4.67E-08 | 1.80E-07 | 2.27E-07 |
| 1396 | 4.72E-08 | 1.78E-07 | 2.25E-07 |
| 1397 | 4.72E-08 | 1.73E-07 | 2.20E-07 |
| 1398 | 4.70E-08 | 1.69E-07 | 2.16E-07 |
| 1399 | 4.68E-08 | 1.65E-07 | 2.12E-07 |
| 1400 | 4.70E-08 | 1.64E-07 | 2.11E-07 |
| 1401 | 4.65E-08 | 1.59E-07 | 2.06E-07 |
| 1402 | 4.60E-08 | 1.55E-07 | 2.01E-07 |
| 1403 | 4.59E-08 | 1.52E-07 | 1.98E-07 |
| 1404 | 4.61E-08 | 1.51E-07 | 1.97E-07 |
| 1405 | 4.65E-08 | 1.50E-07 | 1.97E-07 |
| 1406 | 4.69E-08 | 1.50E-07 | 1.97E-07 |

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| 1407 | 4.72E-08 | 1.50E-07 | 1.97E-07 |
| 1408 | 4.75E-08 | 1.49E-07 | 1.97E-07 |
| 1409 | 4.77E-08 | 1.48E-07 | 1.96E-07 |
| 1410 | 4.81E-08 | 1.49E-07 | 1.97E-07 |
| 1411 | 4.91E-08 | 1.51E-07 | 2.00E-07 |
| 1412 | 4.84E-08 | 1.48E-07 | 1.96E-07 |
| 1413 | 4.78E-08 | 1.45E-07 | 1.93E-07 |
| 1414 | 4.77E-08 | 1.43E-07 | 1.91E-07 |
| 1415 | 4.78E-08 | 1.42E-07 | 1.90E-07 |
| 1416 | 4.79E-08 | 1.42E-07 | 1.90E-07 |
| 1417 | 4.82E-08 | 1.43E-07 | 1.91E-07 |
| 1418 | 5.67E-08 | 2.52E-07 | 3.09E-07 |
| 1419 | 5.86E-08 | 2.59E-07 | 3.18E-07 |
| 1420 | 6.05E-08 | 2.65E-07 | 3.26E-07 |
| 1421 | 6.26E-08 | 2.72E-07 | 3.35E-07 |
| 1422 | 6.47E-08 | 2.79E-07 | 3.44E-07 |
| 1423 | 6.68E-08 | 2.85E-07 | 3.52E-07 |
| 1424 | 6.91E-08 | 2.93E-07 | 3.62E-07 |
| 1425 | 7.15E-08 | 3.00E-07 | 3.72E-07 |
| 1426 | 7.39E-08 | 3.08E-07 | 3.82E-07 |
| 1427 | 7.64E-08 | 3.16E-07 | 3.92E-07 |
| 1428 | 7.89E-08 | 3.24E-07 | 4.03E-07 |
| 1429 | 8.15E-08 | 3.32E-07 | 4.14E-07 |
| 1430 | 7.98E-08 | 3.31E-07 | 4.11E-07 |
| 1431 | 7.98E-08 | 3.31E-07 | 4.11E-07 |
| 1432 | 8.34E-08 | 3.44E-07 | 4.27E-07 |
| 1433 | 8.65E-08 | 3.59E-07 | 4.46E-07 |
| 1434 | 8.48E-08 | 3.57E-07 | 4.42E-07 |
| 1435 | 8.74E-08 | 3.69E-07 | 4.56E-07 |
| 1436 | 9.14E-08 | 3.84E-07 | 4.75E-07 |
| 1437 | 9.10E-08 | 3.95E-07 | 4.86E-07 |
| 1438 | 8.97E-08 | 4.06E-07 | 4.96E-07 |
| 1439 | 8.89E-08 | 4.23E-07 | 5.12E-07 |
| 1440 | 8.69E-08 | 4.44E-07 | 5.31E-07 |
| 1441 | 8.12E-08 | 4.74E-07 | 5.55E-07 |
| 1442 | 7.94E-08 | 5.40E-07 | 6.19E-07 |
| 1443 | 7.69E-08 | 6.79E-07 | 7.56E-07 |
| 1444 | 6.59E-08 | 6.58E-07 | 7.24E-07 |
| 1445 | 6.30E-08 | 4.61E-07 | 5.24E-07 |
| 1446 | 5.67E-08 | 3.39E-07 | 3.96E-07 |
| 1447 | 5.12E-08 | 2.78E-07 | 3.29E-07 |
| 1448 | 4.73E-08 | 2.40E-07 | 2.87E-07 |
| 1449 | 4.72E-08 | 2.23E-07 | 2.70E-07 |
| 1450 | 4.79E-08 | 2.13E-07 | 2.61E-07 |

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| 1451 | 4.88E-08 | 2.06E-07 | 2.55E-07 |
| 1452 | 4.92E-08 | 1.99E-07 | 2.48E-07 |
| 1453 | 4.99E-08 | 1.95E-07 | 2.45E-07 |
| 1454 | 5.07E-08 | 1.92E-07 | 2.43E-07 |
| 1455 | 5.12E-08 | 1.89E-07 | 2.40E-07 |
| 1456 | 5.03E-08 | 1.82E-07 | 2.32E-07 |
| 1457 | 5.01E-08 | 1.78E-07 | 2.28E-07 |
| 1458 | 5.06E-08 | 1.76E-07 | 2.27E-07 |
| 1459 | 5.09E-08 | 1.74E-07 | 2.25E-07 |
| 1460 | 4.99E-08 | 1.69E-07 | 2.19E-07 |
| 1461 | 4.94E-08 | 1.64E-07 | 2.13E-07 |
| 1462 | 4.93E-08 | 1.61E-07 | 2.10E-07 |
| 1463 | 4.95E-08 | 1.60E-07 | 2.10E-07 |
| 1464 | 5.00E-08 | 1.60E-07 | 2.10E-07 |
| 1465 | 5.06E-08 | 1.60E-07 | 2.11E-07 |
| 1466 | 5.10E-08 | 1.60E-07 | 2.11E-07 |
| 1467 | 5.11E-08 | 1.59E-07 | 2.10E-07 |
| 1468 | 5.15E-08 | 1.59E-07 | 2.11E-07 |
| 1469 | 5.19E-08 | 1.59E-07 | 2.11E-07 |
| 1470 | 5.28E-08 | 1.61E-07 | 2.14E-07 |
| 1471 | 5.20E-08 | 1.57E-07 | 2.09E-07 |
| 1472 | 5.13E-08 | 1.54E-07 | 2.05E-07 |
| 1473 | 5.11E-08 | 1.52E-07 | 2.03E-07 |
| 1474 | 5.09E-08 | 1.50E-07 | 2.01E-07 |
| 1475 | 5.05E-08 | 1.49E-07 | 2.00E-07 |
| 1476 | 5.06E-08 | 1.49E-07 | 2.00E-07 |
| 1477 | 5.82E-08 | 2.46E-07 | 3.04E-07 |
| 1478 | 6.01E-08 | 2.53E-07 | 3.13E-07 |
| 1479 | 6.22E-08 | 2.60E-07 | 3.22E-07 |
| 1480 | 6.44E-08 | 2.67E-07 | 3.31E-07 |
| 1481 | 6.66E-08 | 2.74E-07 | 3.41E-07 |
| 1482 | 6.90E-08 | 2.81E-07 | 3.50E-07 |
| 1483 | 7.14E-08 | 2.88E-07 | 3.59E-07 |
| 1484 | 7.39E-08 | 2.96E-07 | 3.70E-07 |
| 1485 | 7.65E-08 | 3.05E-07 | 3.82E-07 |
| 1486 | 7.92E-08 | 3.13E-07 | 3.92E-07 |
| 1487 | 8.20E-08 | 3.22E-07 | 4.04E-07 |
| 1488 | 8.48E-08 | 3.31E-07 | 4.16E-07 |
| 1489 | 7.33E-08 | 3.07E-07 | 3.80E-07 |
| 1490 | 8.32E-08 | 3.31E-07 | 4.14E-07 |
| 1491 | 9.14E-08 | 3.52E-07 | 4.43E-07 |
| 1492 | 9.46E-08 | 3.64E-07 | 4.59E-07 |
| 1493 | 9.19E-08 | 3.63E-07 | 4.55E-07 |
| 1494 | 9.78E-08 | 3.88E-07 | 4.86E-07 |

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| 1495 | 1.04E-07 | 4.05E-07 | 5.09E-07 |
| 1496 | 1.03E-07 | 4.21E-07 | 5.24E-07 |
| 1497 | 9.83E-08 | 4.20E-07 | 5.18E-07 |
| 1498 | 9.19E-08 | 4.25E-07 | 5.17E-07 |
| 1499 | 9.18E-08 | 4.51E-07 | 5.43E-07 |
| 1500 | 8.68E-08 | 4.83E-07 | 5.70E-07 |
| 1501 | 8.34E-08 | 5.49E-07 | 6.32E-07 |
| 1502 | 6.41E-08 | 5.06E-07 | 5.70E-07 |
| 1503 | 6.61E-08 | 5.72E-07 | 6.38E-07 |
| 1504 | 6.37E-08 | 4.31E-07 | 4.95E-07 |
| 1505 | 5.71E-08 | 3.32E-07 | 3.89E-07 |
| 1506 | 5.24E-08 | 2.79E-07 | 3.31E-07 |
| 1507 | 4.97E-08 | 2.47E-07 | 2.97E-07 |
| 1508 | 5.03E-08 | 2.33E-07 | 2.83E-07 |
| 1509 | 5.18E-08 | 2.25E-07 | 2.77E-07 |
| 1510 | 5.42E-08 | 2.23E-07 | 2.77E-07 |
| 1511 | 5.46E-08 | 2.16E-07 | 2.71E-07 |
| 1512 | 5.47E-08 | 2.09E-07 | 2.64E-07 |
| 1513 | 5.58E-08 | 2.08E-07 | 2.64E-07 |
| 1514 | 5.51E-08 | 2.00E-07 | 2.55E-07 |
| 1515 | 5.41E-08 | 1.92E-07 | 2.46E-07 |
| 1516 | 5.40E-08 | 1.88E-07 | 2.42E-07 |
| 1517 | 5.50E-08 | 1.89E-07 | 2.44E-07 |
| 1518 | 5.59E-08 | 1.89E-07 | 2.45E-07 |
| 1519 | 5.45E-08 | 1.82E-07 | 2.37E-07 |
| 1520 | 5.35E-08 | 1.76E-07 | 2.30E-07 |
| 1521 | 5.33E-08 | 1.72E-07 | 2.25E-07 |
| 1522 | 5.35E-08 | 1.71E-07 | 2.25E-07 |
| 1523 | 5.42E-08 | 1.71E-07 | 2.25E-07 |
| 1524 | 5.50E-08 | 1.72E-07 | 2.27E-07 |
| 1525 | 5.51E-08 | 1.71E-07 | 2.26E-07 |
| 1526 | 5.47E-08 | 1.68E-07 | 2.23E-07 |
| 1527 | 5.53E-08 | 1.68E-07 | 2.23E-07 |
| 1528 | 5.62E-08 | 1.71E-07 | 2.27E-07 |
| 1529 | 5.72E-08 | 1.73E-07 | 2.30E-07 |
| 1530 | 5.64E-08 | 1.69E-07 | 2.25E-07 |
| 1531 | 5.55E-08 | 1.65E-07 | 2.21E-07 |
| 1532 | 5.52E-08 | 1.63E-07 | 2.18E-07 |
| 1533 | 5.45E-08 | 1.60E-07 | 2.15E-07 |
| 1534 | 5.35E-08 | 1.56E-07 | 2.10E-07 |
| 1535 | 5.33E-08 | 1.55E-07 | 2.08E-07 |
| 1536 | 5.97E-08 | 2.41E-07 | 3.01E-07 |
| 1537 | 6.18E-08 | 2.48E-07 | 3.10E-07 |
| 1538 | 6.40E-08 | 2.56E-07 | 3.20E-07 |

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| 1539 | 6.63E-08 | 2.63E-07 | 3.29E-07 |
| 1540 | 6.86E-08 | 2.70E-07 | 3.39E-07 |
| 1541 | 7.11E-08 | 2.78E-07 | 3.49E-07 |
| 1542 | 7.37E-08 | 2.86E-07 | 3.60E-07 |
| 1543 | 7.65E-08 | 2.94E-07 | 3.71E-07 |
| 1544 | 7.93E-08 | 3.03E-07 | 3.82E-07 |
| 1545 | 8.22E-08 | 3.12E-07 | 3.94E-07 |
| 1546 | 8.53E-08 | 3.22E-07 | 4.07E-07 |
| 1547 | 8.74E-08 | 3.26E-07 | 4.13E-07 |
| 1548 | 8.69E-08 | 3.31E-07 | 4.18E-07 |
| 1549 | 9.50E-08 | 3.54E-07 | 4.49E-07 |
| 1550 | 9.83E-08 | 3.65E-07 | 4.63E-07 |
| 1551 | 1.01E-07 | 3.74E-07 | 4.75E-07 |
| 1552 | 1.03E-07 | 3.81E-07 | 4.84E-07 |
| 1553 | 1.09E-07 | 4.03E-07 | 5.12E-07 |
| 1554 | 1.13E-07 | 4.24E-07 | 5.37E-07 |
| 1555 | 1.16E-07 | 4.43E-07 | 5.59E-07 |
| 1556 | 1.16E-07 | 4.52E-07 | 5.68E-07 |
| 1557 | 9.65E-08 | 4.31E-07 | 5.28E-07 |
| 1558 | 9.61E-08 | 4.58E-07 | 5.54E-07 |
| 1559 | 9.07E-08 | 4.89E-07 | 5.80E-07 |
| 1560 | 7.61E-08 | 5.27E-07 | 6.03E-07 |
| 1561 | 6.07E-08 | 4.17E-07 | 4.78E-07 |
| 1562 | 6.63E-08 | 5.27E-07 | 5.93E-07 |
| 1563 | 6.39E-08 | 4.11E-07 | 4.75E-07 |
| 1564 | 5.70E-08 | 3.26E-07 | 3.83E-07 |
| 1565 | 5.51E-08 | 2.87E-07 | 3.42E-07 |
| 1566 | 5.36E-08 | 2.59E-07 | 3.13E-07 |
| 1567 | 5.42E-08 | 2.44E-07 | 2.98E-07 |
| 1568 | 5.75E-08 | 2.43E-07 | 3.01E-07 |
| 1569 | 6.15E-08 | 2.47E-07 | 3.09E-07 |
| 1570 | 6.13E-08 | 2.37E-07 | 2.98E-07 |
| 1571 | 6.05E-08 | 2.27E-07 | 2.88E-07 |
| 1572 | 6.23E-08 | 2.28E-07 | 2.90E-07 |
| 1573 | 5.99E-08 | 2.14E-07 | 2.74E-07 |
| 1574 | 5.84E-08 | 2.04E-07 | 2.62E-07 |
| 1575 | 5.90E-08 | 2.03E-07 | 2.62E-07 |
| 1576 | 6.12E-08 | 2.07E-07 | 2.68E-07 |
| 1577 | 6.22E-08 | 2.08E-07 | 2.70E-07 |
| 1578 | 5.99E-08 | 1.97E-07 | 2.57E-07 |
| 1579 | 5.84E-08 | 1.89E-07 | 2.47E-07 |
| 1580 | 5.79E-08 | 1.85E-07 | 2.43E-07 |
| 1581 | 5.83E-08 | 1.84E-07 | 2.42E-07 |
| 1582 | 5.91E-08 | 1.85E-07 | 2.44E-07 |

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| 1583 | 6.02E-08 | 1.87E-07 | 2.47E-07 |
| 1584 | 6.00E-08 | 1.84E-07 | 2.44E-07 |
| 1585 | 5.91E-08 | 1.79E-07 | 2.38E-07 |
| 1586 | 5.94E-08 | 1.79E-07 | 2.38E-07 |
| 1587 | 6.12E-08 | 1.84E-07 | 2.45E-07 |
| 1588 | 6.23E-08 | 1.87E-07 | 2.49E-07 |
| 1589 | 6.14E-08 | 1.82E-07 | 2.43E-07 |
| 1590 | 6.05E-08 | 1.79E-07 | 2.40E-07 |
| 1591 | 6.00E-08 | 1.76E-07 | 2.36E-07 |
| 1592 | 5.81E-08 | 1.69E-07 | 2.27E-07 |
| 1593 | 5.67E-08 | 1.64E-07 | 2.21E-07 |
| 1594 | 5.65E-08 | 1.63E-07 | 2.20E-07 |
| 1595 | 6.12E-08 | 2.38E-07 | 2.99E-07 |
| 1596 | 6.34E-08 | 2.45E-07 | 3.08E-07 |
| 1597 | 6.57E-08 | 2.53E-07 | 3.19E-07 |
| 1598 | 6.82E-08 | 2.60E-07 | 3.28E-07 |
| 1599 | 7.07E-08 | 2.68E-07 | 3.39E-07 |
| 1600 | 7.34E-08 | 2.76E-07 | 3.49E-07 |
| 1601 | 7.62E-08 | 2.85E-07 | 3.61E-07 |
| 1602 | 7.91E-08 | 2.94E-07 | 3.73E-07 |
| 1603 | 8.21E-08 | 3.03E-07 | 3.85E-07 |
| 1604 | 8.53E-08 | 3.13E-07 | 3.98E-07 |
| 1605 | 8.86E-08 | 3.23E-07 | 4.12E-07 |
| 1606 | 9.20E-08 | 3.34E-07 | 4.26E-07 |
| 1607 | 9.56E-08 | 3.45E-07 | 4.41E-07 |
| 1608 | 9.93E-08 | 3.57E-07 | 4.56E-07 |
| 1609 | 1.03E-07 | 3.70E-07 | 4.73E-07 |
| 1610 | 1.07E-07 | 3.84E-07 | 4.91E-07 |
| 1611 | 1.11E-07 | 3.99E-07 | 5.10E-07 |
| 1612 | 1.15E-07 | 4.16E-07 | 5.31E-07 |
| 1613 | 1.19E-07 | 4.34E-07 | 5.53E-07 |
| 1614 | 1.23E-07 | 4.54E-07 | 5.77E-07 |
| 1615 | 1.27E-07 | 4.72E-07 | 5.99E-07 |
| 1616 | 1.28E-07 | 4.91E-07 | 6.19E-07 |
| 1617 | 1.14E-07 | 4.92E-07 | 6.06E-07 |
| 1618 | 9.72E-08 | 5.00E-07 | 5.97E-07 |
| 1619 | 7.29E-08 | 4.56E-07 | 5.29E-07 |
| 1620 | 7.21E-08 | 5.04E-07 | 5.76E-07 |
| 1621 | 7.29E-08 | 5.59E-07 | 6.32E-07 |
| 1622 | 6.84E-08 | 4.25E-07 | 4.93E-07 |
| 1623 | 6.23E-08 | 3.44E-07 | 4.06E-07 |
| 1624 | 6.10E-08 | 3.06E-07 | 3.67E-07 |
| 1625 | 6.19E-08 | 2.87E-07 | 3.49E-07 |
| 1626 | 6.10E-08 | 2.67E-07 | 3.28E-07 |

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| 1627 | 6.52E-08 | 2.69E-07 | 3.34E-07 |
| 1628 | 7.05E-08 | 2.77E-07 | 3.48E-07 |
| 1629 | 6.88E-08 | 2.61E-07 | 3.30E-07 |
| 1630 | 6.73E-08 | 2.48E-07 | 3.15E-07 |
| 1631 | 6.97E-08 | 2.51E-07 | 3.21E-07 |
| 1632 | 6.51E-08 | 2.29E-07 | 2.94E-07 |
| 1633 | 6.45E-08 | 2.22E-07 | 2.87E-07 |
| 1634 | 6.64E-08 | 2.25E-07 | 2.91E-07 |
| 1635 | 6.93E-08 | 2.32E-07 | 3.01E-07 |
| 1636 | 7.00E-08 | 2.31E-07 | 3.01E-07 |
| 1637 | 6.63E-08 | 2.15E-07 | 2.81E-07 |
| 1638 | 6.40E-08 | 2.05E-07 | 2.69E-07 |
| 1639 | 6.32E-08 | 1.99E-07 | 2.62E-07 |
| 1640 | 6.39E-08 | 2.00E-07 | 2.64E-07 |
| 1641 | 6.50E-08 | 2.01E-07 | 2.66E-07 |
| 1642 | 6.65E-08 | 2.04E-07 | 2.71E-07 |
| 1643 | 6.55E-08 | 1.99E-07 | 2.65E-07 |
| 1644 | 6.43E-08 | 1.93E-07 | 2.57E-07 |
| 1645 | 6.49E-08 | 1.94E-07 | 2.59E-07 |
| 1646 | 6.77E-08 | 2.02E-07 | 2.70E-07 |
| 1647 | 6.80E-08 | 2.02E-07 | 2.70E-07 |
| 1648 | 6.72E-08 | 1.98E-07 | 2.65E-07 |
| 1649 | 6.60E-08 | 1.93E-07 | 2.59E-07 |
| 1650 | 6.39E-08 | 1.86E-07 | 2.50E-07 |
| 1651 | 6.16E-08 | 1.77E-07 | 2.39E-07 |
| 1652 | 6.02E-08 | 1.72E-07 | 2.32E-07 |
| 1653 | 6.01E-08 | 1.72E-07 | 2.32E-07 |
| 1654 | 6.27E-08 | 2.36E-07 | 2.99E-07 |
| 1655 | 6.50E-08 | 2.43E-07 | 3.08E-07 |
| 1656 | 6.75E-08 | 2.50E-07 | 3.18E-07 |
| 1657 | 7.00E-08 | 2.58E-07 | 3.28E-07 |
| 1658 | 7.28E-08 | 2.67E-07 | 3.40E-07 |
| 1659 | 7.57E-08 | 2.76E-07 | 3.52E-07 |
| 1660 | 7.87E-08 | 2.85E-07 | 3.64E-07 |
| 1661 | 8.18E-08 | 2.94E-07 | 3.76E-07 |
| 1662 | 8.51E-08 | 3.04E-07 | 3.89E-07 |
| 1663 | 8.85E-08 | 3.14E-07 | 4.03E-07 |
| 1664 | 9.21E-08 | 3.25E-07 | 4.17E-07 |
| 1665 | 9.59E-08 | 3.37E-07 | 4.33E-07 |
| 1666 | 9.98E-08 | 3.49E-07 | 4.49E-07 |
| 1667 | 1.04E-07 | 3.63E-07 | 4.67E-07 |
| 1668 | 1.08E-07 | 3.77E-07 | 4.85E-07 |
| 1669 | 1.12E-07 | 3.92E-07 | 5.04E-07 |
| 1670 | 1.17E-07 | 4.08E-07 | 5.25E-07 |

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| 1671 | 1.21E-07 | 4.26E-07 | 5.47E-07 |
| 1672 | 1.26E-07 | 4.45E-07 | 5.71E-07 |
| 1673 | 1.31E-07 | 4.67E-07 | 5.98E-07 |
| 1674 | 1.35E-07 | 4.92E-07 | 6.27E-07 |
| 1675 | 1.39E-07 | 5.13E-07 | 6.52E-07 |
| 1676 | 1.22E-07 | 5.06E-07 | 6.28E-07 |
| 1677 | 9.44E-08 | 4.91E-07 | 5.85E-07 |
| 1678 | 8.17E-08 | 4.93E-07 | 5.75E-07 |
| 1679 | 8.36E-08 | 5.91E-07 | 6.75E-07 |
| 1680 | 8.71E-08 | 6.84E-07 | 7.71E-07 |
| 1681 | 7.90E-08 | 4.81E-07 | 5.60E-07 |
| 1682 | 7.05E-08 | 3.75E-07 | 4.46E-07 |
| 1683 | 6.83E-08 | 3.32E-07 | 4.00E-07 |
| 1684 | 6.95E-08 | 3.13E-07 | 3.83E-07 |
| 1685 | 7.08E-08 | 2.99E-07 | 3.70E-07 |
| 1686 | 7.70E-08 | 3.09E-07 | 3.86E-07 |
| 1687 | 7.96E-08 | 3.07E-07 | 3.87E-07 |
| 1688 | 7.72E-08 | 2.88E-07 | 3.65E-07 |
| 1689 | 7.59E-08 | 2.75E-07 | 3.51E-07 |
| 1690 | 7.86E-08 | 2.78E-07 | 3.57E-07 |
| 1691 | 7.38E-08 | 2.55E-07 | 3.29E-07 |
| 1692 | 7.46E-08 | 2.53E-07 | 3.28E-07 |
| 1693 | 7.79E-08 | 2.61E-07 | 3.39E-07 |
| 1694 | 8.16E-08 | 2.70E-07 | 3.52E-07 |
| 1695 | 7.77E-08 | 2.53E-07 | 3.31E-07 |
| 1696 | 7.33E-08 | 2.35E-07 | 3.08E-07 |
| 1697 | 7.06E-08 | 2.23E-07 | 2.94E-07 |
| 1698 | 6.94E-08 | 2.16E-07 | 2.85E-07 |
| 1699 | 7.06E-08 | 2.18E-07 | 2.89E-07 |
| 1700 | 7.25E-08 | 2.22E-07 | 2.95E-07 |
| 1701 | 7.35E-08 | 2.23E-07 | 2.97E-07 |
| 1702 | 7.31E-08 | 2.20E-07 | 2.93E-07 |
| 1703 | 7.17E-08 | 2.14E-07 | 2.86E-07 |
| 1704 | 7.12E-08 | 2.11E-07 | 2.82E-07 |
| 1705 | 7.45E-08 | 2.20E-07 | 2.95E-07 |
| 1706 | 7.38E-08 | 2.17E-07 | 2.91E-07 |
| 1707 | 7.22E-08 | 2.11E-07 | 2.83E-07 |
| 1708 | 6.89E-08 | 1.99E-07 | 2.68E-07 |
| 1709 | 6.66E-08 | 1.91E-07 | 2.58E-07 |
| 1710 | 6.50E-08 | 1.85E-07 | 2.50E-07 |
| 1711 | 6.39E-08 | 1.82E-07 | 2.46E-07 |
| 1712 | 6.40E-08 | 1.82E-07 | 2.46E-07 |
| 1713 | 6.42E-08 | 2.34E-07 | 2.98E-07 |
| 1714 | 6.67E-08 | 2.42E-07 | 3.09E-07 |

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| 1715 | 6.93E-08 | 2.49E-07 | 3.18E-07 |
| 1716 | 7.20E-08 | 2.58E-07 | 3.30E-07 |
| 1717 | 7.49E-08 | 2.67E-07 | 3.42E-07 |
| 1718 | 7.80E-08 | 2.76E-07 | 3.54E-07 |
| 1719 | 8.12E-08 | 2.86E-07 | 3.67E-07 |
| 1720 | 8.46E-08 | 2.95E-07 | 3.80E-07 |
| 1721 | 8.81E-08 | 3.06E-07 | 3.94E-07 |
| 1722 | 9.18E-08 | 3.17E-07 | 4.09E-07 |
| 1723 | 8.24E-08 | 2.45E-07 | 3.27E-07 |
| 1724 | 8.23E-08 | 2.43E-07 | 3.25E-07 |
| 1725 | 8.16E-08 | 2.39E-07 | 3.21E-07 |
| 1726 | 8.07E-08 | 2.36E-07 | 3.17E-07 |
| 1727 | 7.74E-08 | 2.24E-07 | 3.01E-07 |
| 1728 | 7.31E-08 | 2.09E-07 | 2.82E-07 |
| 1729 | 7.06E-08 | 2.00E-07 | 2.71E-07 |
| 1730 | 6.89E-08 | 1.95E-07 | 2.64E-07 |
| 1731 | 6.75E-08 | 1.90E-07 | 2.58E-07 |
| 1732 | 6.72E-08 | 1.90E-07 | 2.57E-07 |
| 1733 | 6.58E-08 | 2.34E-07 | 3.00E-07 |
| 1734 | 6.83E-08 | 2.41E-07 | 3.09E-07 |
| 1735 | 7.11E-08 | 2.49E-07 | 3.20E-07 |
| 1736 | 7.40E-08 | 2.58E-07 | 3.32E-07 |
| 1737 | 7.71E-08 | 2.68E-07 | 3.45E-07 |
| 1738 | 8.04E-08 | 2.78E-07 | 3.58E-07 |
| 1739 | 8.38E-08 | 2.87E-07 | 3.71E-07 |
| 1740 | 8.73E-08 | 2.97E-07 | 3.84E-07 |
| 1741 | 9.12E-08 | 3.08E-07 | 3.99E-07 |
| 1742 | 9.52E-08 | 3.20E-07 | 4.15E-07 |
| 1743 | 8.94E-08 | 2.63E-07 | 3.52E-07 |
| 1744 | 8.81E-08 | 2.57E-07 | 3.45E-07 |
| 1745 | 8.71E-08 | 2.53E-07 | 3.40E-07 |
| 1746 | 8.61E-08 | 2.49E-07 | 3.35E-07 |
| 1747 | 8.46E-08 | 2.43E-07 | 3.28E-07 |
| 1748 | 8.03E-08 | 2.29E-07 | 3.09E-07 |
| 1749 | 7.59E-08 | 2.14E-07 | 2.90E-07 |
| 1750 | 7.28E-08 | 2.04E-07 | 2.77E-07 |
| 1751 | 7.11E-08 | 1.99E-07 | 2.70E-07 |
| 1752 | 7.02E-08 | 1.97E-07 | 2.67E-07 |
| 1753 | 6.74E-08 | 2.34E-07 | 3.01E-07 |
| 1754 | 7.00E-08 | 2.42E-07 | 3.12E-07 |
| 1755 | 7.29E-08 | 2.50E-07 | 3.23E-07 |
| 1756 | 7.60E-08 | 2.59E-07 | 3.35E-07 |
| 1757 | 7.93E-08 | 2.69E-07 | 3.48E-07 |
| 1758 | 8.28E-08 | 2.79E-07 | 3.62E-07 |

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| 1759 | 8.64E-08 | 2.89E-07 | 3.75E-07 |
| 1760 | 9.02E-08 | 3.00E-07 | 3.90E-07 |
| 1761 | 9.43E-08 | 3.12E-07 | 4.06E-07 |
| 1762 | 9.87E-08 | 3.24E-07 | 4.23E-07 |
| 1763 | 9.61E-08 | 2.79E-07 | 3.75E-07 |
| 1764 | 9.49E-08 | 2.74E-07 | 3.69E-07 |
| 1765 | 9.37E-08 | 2.69E-07 | 3.63E-07 |
| 1766 | 9.14E-08 | 2.61E-07 | 3.52E-07 |
| 1767 | 9.04E-08 | 2.58E-07 | 3.48E-07 |
| 1768 | 8.74E-08 | 2.48E-07 | 3.35E-07 |
| 1769 | 8.20E-08 | 2.30E-07 | 3.12E-07 |
| 1770 | 7.73E-08 | 2.16E-07 | 2.93E-07 |
| 1771 | 7.50E-08 | 2.09E-07 | 2.84E-07 |
| 1772 | 7.42E-08 | 2.08E-07 | 2.82E-07 |
| 1773 | 6.89E-08 | 2.35E-07 | 3.04E-07 |
| 1774 | 7.17E-08 | 2.42E-07 | 3.14E-07 |
| 1775 | 7.47E-08 | 2.51E-07 | 3.26E-07 |
| 1776 | 7.80E-08 | 2.61E-07 | 3.39E-07 |
| 1777 | 8.15E-08 | 2.71E-07 | 3.53E-07 |
| 1778 | 8.52E-08 | 2.81E-07 | 3.66E-07 |
| 1779 | 8.91E-08 | 2.92E-07 | 3.81E-07 |
| 1780 | 9.33E-08 | 3.04E-07 | 3.97E-07 |
| 1781 | 9.77E-08 | 3.16E-07 | 4.14E-07 |
| 1782 | 1.02E-07 | 3.30E-07 | 4.32E-07 |
| 1783 | 1.03E-07 | 2.96E-07 | 3.99E-07 |
| 1784 | 1.04E-07 | 2.98E-07 | 4.02E-07 |
| 1785 | 1.01E-07 | 2.87E-07 | 3.88E-07 |
| 1786 | 9.81E-08 | 2.78E-07 | 3.76E-07 |
| 1787 | 9.66E-08 | 2.74E-07 | 3.71E-07 |
| 1788 | 9.35E-08 | 2.64E-07 | 3.58E-07 |
| 1789 | 8.72E-08 | 2.44E-07 | 3.31E-07 |
| 1790 | 8.22E-08 | 2.28E-07 | 3.10E-07 |
| 1791 | 7.88E-08 | 2.19E-07 | 2.98E-07 |
| 1792 | 7.78E-08 | 2.16E-07 | 2.94E-07 |
| 1793 | 7.04E-08 | 2.35E-07 | 3.05E-07 |
| 1794 | 7.33E-08 | 2.43E-07 | 3.16E-07 |
| 1795 | 7.65E-08 | 2.52E-07 | 3.29E-07 |
| 1796 | 8.00E-08 | 2.62E-07 | 3.42E-07 |
| 1797 | 8.37E-08 | 2.73E-07 | 3.57E-07 |
| 1798 | 8.76E-08 | 2.84E-07 | 3.72E-07 |
| 1799 | 9.18E-08 | 2.96E-07 | 3.88E-07 |
| 1800 | 9.63E-08 | 3.08E-07 | 4.04E-07 |
| 1801 | 1.01E-07 | 3.21E-07 | 4.22E-07 |
| 1802 | 1.06E-07 | 3.35E-07 | 4.41E-07 |

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| 1803 | 1.14E-07 | 3.24E-07 | 4.38E-07 |
| 1804 | 1.12E-07 | 3.18E-07 | 4.30E-07 |
| 1805 | 1.10E-07 | 3.11E-07 | 4.21E-07 |
| 1806 | 1.07E-07 | 3.02E-07 | 4.09E-07 |
| 1807 | 1.04E-07 | 2.92E-07 | 3.96E-07 |
| 1808 | 9.92E-08 | 2.79E-07 | 3.78E-07 |
| 1809 | 9.18E-08 | 2.55E-07 | 3.47E-07 |
| 1810 | 8.54E-08 | 2.35E-07 | 3.20E-07 |
| 1811 | 8.17E-08 | 2.25E-07 | 3.07E-07 |
| 1812 | 8.01E-08 | 2.21E-07 | 3.01E-07 |
| 1813 | 7.18E-08 | 2.36E-07 | 3.08E-07 |
| 1814 | 7.49E-08 | 2.44E-07 | 3.19E-07 |
| 1815 | 7.83E-08 | 2.54E-07 | 3.32E-07 |
| 1816 | 8.20E-08 | 2.64E-07 | 3.46E-07 |
| 1817 | 8.59E-08 | 2.75E-07 | 3.61E-07 |
| 1818 | 9.00E-08 | 2.87E-07 | 3.77E-07 |
| 1819 | 9.45E-08 | 2.99E-07 | 3.94E-07 |
| 1820 | 9.93E-08 | 3.12E-07 | 4.11E-07 |
| 1821 | 1.04E-07 | 3.26E-07 | 4.30E-07 |
| 1822 | 1.10E-07 | 3.41E-07 | 4.51E-07 |
| 1823 | 1.29E-07 | 3.65E-07 | 4.94E-07 |
| 1824 | 1.22E-07 | 3.45E-07 | 4.67E-07 |
| 1825 | 1.19E-07 | 3.36E-07 | 4.55E-07 |
| 1826 | 1.14E-07 | 3.22E-07 | 4.36E-07 |
| 1827 | 1.09E-07 | 3.06E-07 | 4.15E-07 |
| 1828 | 1.03E-07 | 2.86E-07 | 3.89E-07 |
| 1829 | 9.40E-08 | 2.58E-07 | 3.52E-07 |
| 1830 | 8.73E-08 | 2.38E-07 | 3.25E-07 |
| 1831 | 8.41E-08 | 2.30E-07 | 3.14E-07 |
| 1832 | 8.16E-08 | 2.25E-07 | 3.07E-07 |
| 1833 | 7.33E-08 | 2.37E-07 | 3.10E-07 |
| 1834 | 7.65E-08 | 2.45E-07 | 3.22E-07 |
| 1835 | 8.02E-08 | 2.56E-07 | 3.36E-07 |
| 1836 | 8.40E-08 | 2.66E-07 | 3.50E-07 |
| 1837 | 8.81E-08 | 2.78E-07 | 3.66E-07 |
| 1838 | 9.24E-08 | 2.90E-07 | 3.82E-07 |
| 1839 | 9.72E-08 | 3.03E-07 | 4.00E-07 |
| 1840 | 1.02E-07 | 3.17E-07 | 4.19E-07 |
| 1841 | 1.08E-07 | 3.32E-07 | 4.40E-07 |
| 1842 | 1.14E-07 | 3.47E-07 | 4.61E-07 |
| 1843 | 1.44E-07 | 4.07E-07 | 5.51E-07 |
| 1844 | 1.37E-07 | 3.86E-07 | 5.23E-07 |
| 1845 | 1.28E-07 | 3.60E-07 | 4.88E-07 |
| 1846 | 1.19E-07 | 3.31E-07 | 4.50E-07 |

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| 1847 | 1.13E-07 | 3.12E-07 | 4.25E-07 |
| 1848 | 1.04E-07 | 2.87E-07 | 3.91E-07 |
| 1849 | 9.64E-08 | 2.63E-07 | 3.59E-07 |
| 1850 | 8.95E-08 | 2.44E-07 | 3.34E-07 |
| 1851 | 8.54E-08 | 2.34E-07 | 3.19E-07 |
| 1852 | 8.27E-08 | 2.29E-07 | 3.12E-07 |
| 1853 | 7.47E-08 | 2.38E-07 | 3.13E-07 |
| 1854 | 7.81E-08 | 2.47E-07 | 3.25E-07 |
| 1855 | 8.19E-08 | 2.58E-07 | 3.40E-07 |
| 1856 | 8.59E-08 | 2.69E-07 | 3.55E-07 |
| 1857 | 9.02E-08 | 2.81E-07 | 3.71E-07 |
| 1858 | 9.48E-08 | 2.93E-07 | 3.88E-07 |
| 1859 | 9.98E-08 | 3.07E-07 | 4.07E-07 |
| 1860 | 1.05E-07 | 3.22E-07 | 4.27E-07 |
| 1861 | 1.11E-07 | 3.37E-07 | 4.48E-07 |
| 1862 | 1.17E-07 | 3.54E-07 | 4.71E-07 |
| 1863 | 1.58E-07 | 4.40E-07 | 5.98E-07 |
| 1864 | 1.47E-07 | 4.08E-07 | 5.55E-07 |
| 1865 | 1.29E-07 | 3.56E-07 | 4.85E-07 |
| 1866 | 1.19E-07 | 3.24E-07 | 4.43E-07 |
| 1867 | 1.12E-07 | 3.04E-07 | 4.16E-07 |
| 1868 | 1.05E-07 | 2.88E-07 | 3.93E-07 |
| 1869 | 9.78E-08 | 2.67E-07 | 3.65E-07 |
| 1870 | 9.04E-08 | 2.47E-07 | 3.37E-07 |
| 1871 | 8.66E-08 | 2.38E-07 | 3.25E-07 |
| 1872 | 8.39E-08 | 2.33E-07 | 3.17E-07 |
| 1873 | 7.61E-08 | 2.39E-07 | 3.15E-07 |
| 1874 | 7.96E-08 | 2.49E-07 | 3.29E-07 |
| 1875 | 8.36E-08 | 2.60E-07 | 3.44E-07 |
| 1876 | 8.77E-08 | 2.71E-07 | 3.59E-07 |
| 1877 | 9.23E-08 | 2.84E-07 | 3.76E-07 |
| 1878 | 9.71E-08 | 2.96E-07 | 3.93E-07 |
| 1879 | 1.02E-07 | 3.11E-07 | 4.13E-07 |
| 1880 | 1.08E-07 | 3.27E-07 | 4.35E-07 |
| 1881 | 1.14E-07 | 3.43E-07 | 4.57E-07 |
| 1882 | 1.21E-07 | 3.61E-07 | 4.82E-07 |
| 1883 | 1.67E-07 | 4.60E-07 | 6.27E-07 |
| 1884 | 1.48E-07 | 4.07E-07 | 5.55E-07 |
| 1885 | 1.31E-07 | 3.55E-07 | 4.86E-07 |
| 1886 | 1.20E-07 | 3.26E-07 | 4.46E-07 |
| 1887 | 1.12E-07 | 3.03E-07 | 4.15E-07 |
| 1888 | 1.04E-07 | 2.84E-07 | 3.88E-07 |
| 1889 | 9.86E-08 | 2.70E-07 | 3.69E-07 |
| 1890 | 9.22E-08 | 2.53E-07 | 3.45E-07 |

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| 1891 | 8.84E-08 | 2.43E-07 | 3.31E-07 |
| 1892 | 8.54E-08 | 2.36E-07 | 3.21E-07 |
| 1893 | 7.74E-08 | 2.41E-07 | 3.18E-07 |
| 1894 | 8.11E-08 | 2.51E-07 | 3.32E-07 |
| 1895 | 8.52E-08 | 2.62E-07 | 3.47E-07 |
| 1896 | 8.95E-08 | 2.74E-07 | 3.64E-07 |
| 1897 | 9.44E-08 | 2.87E-07 | 3.81E-07 |
| 1898 | 9.94E-08 | 3.00E-07 | 3.99E-07 |
| 1899 | 1.05E-07 | 3.15E-07 | 4.20E-07 |
| 1900 | 1.11E-07 | 3.31E-07 | 4.42E-07 |
| 1901 | 1.18E-07 | 3.49E-07 | 4.67E-07 |
| 1902 | 1.25E-07 | 3.68E-07 | 4.93E-07 |
| 1903 | 1.70E-07 | 4.63E-07 | 6.33E-07 |
| 1904 | 1.50E-07 | 4.10E-07 | 5.60E-07 |
| 1905 | 1.36E-07 | 3.70E-07 | 5.06E-07 |
| 1906 | 1.22E-07 | 3.31E-07 | 4.53E-07 |
| 1907 | 1.11E-07 | 3.02E-07 | 4.13E-07 |
| 1908 | 1.05E-07 | 2.84E-07 | 3.89E-07 |
| 1909 | 9.90E-08 | 2.69E-07 | 3.68E-07 |
| 1910 | 9.40E-08 | 2.56E-07 | 3.50E-07 |
| 1911 | 9.04E-08 | 2.47E-07 | 3.37E-07 |
| 1912 | 8.70E-08 | 2.38E-07 | 3.25E-07 |
| 1913 | 7.87E-08 | 2.43E-07 | 3.22E-07 |
| 1914 | 8.25E-08 | 2.52E-07 | 3.35E-07 |
| 1915 | 8.67E-08 | 2.64E-07 | 3.51E-07 |
| 1916 | 9.13E-08 | 2.76E-07 | 3.67E-07 |
| 1917 | 9.63E-08 | 2.90E-07 | 3.86E-07 |
| 1918 | 1.02E-07 | 3.04E-07 | 4.06E-07 |
| 1919 | 1.08E-07 | 3.20E-07 | 4.28E-07 |
| 1920 | 1.14E-07 | 3.36E-07 | 4.50E-07 |
| 1921 | 1.21E-07 | 3.55E-07 | 4.76E-07 |
| 1922 | 1.28E-07 | 3.74E-07 | 5.02E-07 |
| 1923 | 1.67E-07 | 4.55E-07 | 6.22E-07 |
| 1924 | 1.52E-07 | 4.17E-07 | 5.69E-07 |
| 1925 | 1.40E-07 | 3.84E-07 | 5.24E-07 |
| 1926 | 1.26E-07 | 3.43E-07 | 4.69E-07 |
| 1927 | 1.13E-07 | 3.03E-07 | 4.16E-07 |
| 1928 | 1.05E-07 | 2.81E-07 | 3.86E-07 |
| 1929 | 9.88E-08 | 2.65E-07 | 3.64E-07 |
| 1930 | 9.55E-08 | 2.57E-07 | 3.53E-07 |
| 1931 | 9.17E-08 | 2.49E-07 | 3.41E-07 |
| 1932 | 8.76E-08 | 2.39E-07 | 3.27E-07 |
| 1933 | 7.99E-08 | 2.44E-07 | 3.24E-07 |
| 1934 | 8.38E-08 | 2.54E-07 | 3.38E-07 |

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| 1935 | 8.82E-08 | 2.66E-07 | 3.54E-07 |
| 1936 | 9.30E-08 | 2.79E-07 | 3.72E-07 |
| 1937 | 9.81E-08 | 2.93E-07 | 3.91E-07 |
| 1938 | 1.04E-07 | 3.07E-07 | 4.11E-07 |
| 1939 | 1.10E-07 | 3.23E-07 | 4.33E-07 |
| 1940 | 1.17E-07 | 3.41E-07 | 4.58E-07 |
| 1941 | 1.24E-07 | 3.60E-07 | 4.84E-07 |
| 1942 | 1.32E-07 | 3.81E-07 | 5.13E-07 |
| 1943 | 1.65E-07 | 4.49E-07 | 6.14E-07 |
| 1944 | 1.55E-07 | 4.22E-07 | 5.77E-07 |
| 1945 | 1.39E-07 | 3.76E-07 | 5.15E-07 |
| 1946 | 1.25E-07 | 3.35E-07 | 4.60E-07 |
| 1947 | 1.12E-07 | 2.97E-07 | 4.09E-07 |
| 1948 | 1.04E-07 | 2.76E-07 | 3.80E-07 |
| 1949 | 9.83E-08 | 2.61E-07 | 3.59E-07 |
| 1950 | 9.50E-08 | 2.55E-07 | 3.50E-07 |
| 1951 | 9.15E-08 | 2.48E-07 | 3.40E-07 |
| 1952 | 8.68E-08 | 2.37E-07 | 3.24E-07 |
| 1953 | 8.09E-08 | 2.45E-07 | 3.26E-07 |
| 1954 | 8.50E-08 | 2.56E-07 | 3.41E-07 |
| 1955 | 8.95E-08 | 2.68E-07 | 3.58E-07 |
| 1956 | 9.44E-08 | 2.81E-07 | 3.75E-07 |
| 1957 | 9.97E-08 | 2.95E-07 | 3.95E-07 |
| 1958 | 1.06E-07 | 3.10E-07 | 4.16E-07 |
| 1959 | 1.12E-07 | 3.27E-07 | 4.39E-07 |
| 1960 | 1.19E-07 | 3.46E-07 | 4.65E-07 |
| 1961 | 1.27E-07 | 3.66E-07 | 4.93E-07 |
| 1962 | 1.35E-07 | 3.88E-07 | 5.23E-07 |
| 1963 | 1.66E-07 | 4.46E-07 | 6.12E-07 |
| 1964 | 1.52E-07 | 4.08E-07 | 5.60E-07 |
| 1965 | 1.35E-07 | 3.57E-07 | 4.92E-07 |
| 1966 | 1.22E-07 | 3.21E-07 | 4.43E-07 |
| 1967 | 1.11E-07 | 2.91E-07 | 4.02E-07 |
| 1968 | 1.02E-07 | 2.70E-07 | 3.72E-07 |
| 1969 | 9.63E-08 | 2.57E-07 | 3.53E-07 |
| 1970 | 9.25E-08 | 2.50E-07 | 3.43E-07 |
| 1971 | 8.93E-08 | 2.45E-07 | 3.34E-07 |
| 1972 | 8.48E-08 | 2.36E-07 | 3.21E-07 |
| 1973 | 8.18E-08 | 2.46E-07 | 3.28E-07 |
| 1974 | 8.61E-08 | 2.57E-07 | 3.43E-07 |
| 1975 | 9.07E-08 | 2.70E-07 | 3.61E-07 |
| 1976 | 9.58E-08 | 2.83E-07 | 3.79E-07 |
| 1977 | 1.01E-07 | 2.97E-07 | 3.98E-07 |
| 1978 | 1.07E-07 | 3.13E-07 | 4.20E-07 |

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| 1979 | 1.14E-07 | 3.30E-07 | 4.44E-07 |
| 1980 | 1.21E-07 | 3.49E-07 | 4.70E-07 |
| 1981 | 1.29E-07 | 3.71E-07 | 5.00E-07 |
| 1982 | 1.39E-07 | 3.94E-07 | 5.33E-07 |
| 1983 | 1.57E-07 | 4.11E-07 | 5.68E-07 |
| 1984 | 1.44E-07 | 3.78E-07 | 5.22E-07 |
| 1985 | 1.30E-07 | 3.44E-07 | 4.74E-07 |
| 1986 | 1.16E-07 | 3.05E-07 | 4.21E-07 |
| 1987 | 1.07E-07 | 2.85E-07 | 3.92E-07 |
| 1988 | 9.87E-08 | 2.65E-07 | 3.64E-07 |
| 1989 | 9.33E-08 | 2.54E-07 | 3.47E-07 |
| 1990 | 9.00E-08 | 2.49E-07 | 3.39E-07 |
| 1991 | 8.65E-08 | 2.42E-07 | 3.29E-07 |
| 1992 | 8.25E-08 | 2.33E-07 | 3.16E-07 |
| 1993 | 8.24E-08 | 2.46E-07 | 3.28E-07 |
| 1994 | 8.69E-08 | 2.58E-07 | 3.45E-07 |
| 1995 | 9.16E-08 | 2.70E-07 | 3.62E-07 |
| 1996 | 9.73E-08 | 2.86E-07 | 3.83E-07 |
| 1997 | 1.03E-07 | 3.01E-07 | 4.04E-07 |
| 1998 | 1.09E-07 | 3.17E-07 | 4.26E-07 |
| 1999 | 1.16E-07 | 3.34E-07 | 4.50E-07 |
| 2000 | 1.23E-07 | 3.53E-07 | 4.76E-07 |
| 2001 | 1.32E-07 | 3.75E-07 | 5.07E-07 |
| 2002 | 1.41E-07 | 3.99E-07 | 5.40E-07 |
| 2003 | 1.45E-07 | 3.79E-07 | 5.24E-07 |
| 2004 | 1.32E-07 | 3.48E-07 | 4.80E-07 |
| 2005 | 1.20E-07 | 3.21E-07 | 4.41E-07 |
| 2006 | 1.11E-07 | 2.99E-07 | 4.10E-07 |
| 2007 | 1.02E-07 | 2.79E-07 | 3.81E-07 |
| 2008 | 9.55E-08 | 2.63E-07 | 3.59E-07 |
| 2009 | 8.90E-08 | 2.47E-07 | 3.36E-07 |
| 2010 | 8.69E-08 | 2.45E-07 | 3.32E-07 |
| 2011 | 8.38E-08 | 2.38E-07 | 3.22E-07 |
| 2012 | 8.13E-08 | 2.32E-07 | 3.13E-07 |
| 2013 | 8.33E-08 | 2.47E-07 | 3.30E-07 |
| 2014 | 8.77E-08 | 2.59E-07 | 3.47E-07 |
| 2015 | 9.28E-08 | 2.72E-07 | 3.65E-07 |
| 2016 | 9.84E-08 | 2.88E-07 | 3.86E-07 |
| 2017 | 1.04E-07 | 3.03E-07 | 4.07E-07 |
| 2018 | 1.11E-07 | 3.20E-07 | 4.31E-07 |
| 2019 | 1.18E-07 | 3.37E-07 | 4.55E-07 |
| 2020 | 1.25E-07 | 3.57E-07 | 4.82E-07 |
| 2021 | 1.34E-07 | 3.79E-07 | 5.13E-07 |
| 2022 | 1.44E-07 | 4.04E-07 | 5.48E-07 |

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| 2023 | 1.34E-07 | 3.59E-07 | 4.93E-07 |
| 2024 | 1.22E-07 | 3.29E-07 | 4.51E-07 |
| 2025 | 1.14E-07 | 3.10E-07 | 4.24E-07 |
| 2026 | 1.05E-07 | 2.89E-07 | 3.94E-07 |
| 2027 | 9.99E-08 | 2.78E-07 | 3.78E-07 |
| 2028 | 9.28E-08 | 2.59E-07 | 3.52E-07 |
| 2029 | 8.66E-08 | 2.43E-07 | 3.30E-07 |
| 2030 | 8.41E-08 | 2.37E-07 | 3.21E-07 |
| 2031 | 7.94E-08 | 2.25E-07 | 3.04E-07 |
| 2032 | 7.91E-08 | 2.25E-07 | 3.04E-07 |
| 2033 | 8.40E-08 | 2.48E-07 | 3.32E-07 |
| 2034 | 8.85E-08 | 2.60E-07 | 3.49E-07 |
| 2035 | 9.36E-08 | 2.74E-07 | 3.68E-07 |
| 2036 | 9.94E-08 | 2.89E-07 | 3.88E-07 |
| 2037 | 1.05E-07 | 3.05E-07 | 4.10E-07 |
| 2038 | 1.12E-07 | 3.22E-07 | 4.34E-07 |
| 2039 | 1.19E-07 | 3.40E-07 | 4.59E-07 |
| 2040 | 1.27E-07 | 3.61E-07 | 4.88E-07 |
| 2041 | 1.36E-07 | 3.84E-07 | 5.20E-07 |
| 2042 | 1.46E-07 | 4.09E-07 | 5.55E-07 |
| 2043 | 1.27E-07 | 3.43E-07 | 4.70E-07 |
| 2044 | 1.16E-07 | 3.17E-07 | 4.33E-07 |
| 2045 | 1.09E-07 | 2.98E-07 | 4.07E-07 |
| 2046 | 1.03E-07 | 2.83E-07 | 3.86E-07 |
| 2047 | 9.99E-08 | 2.78E-07 | 3.78E-07 |
| 2048 | 9.14E-08 | 2.54E-07 | 3.45E-07 |
| 2049 | 8.58E-08 | 2.39E-07 | 3.25E-07 |
| 2050 | 8.36E-08 | 2.35E-07 | 3.19E-07 |
| 2051 | 7.74E-08 | 2.18E-07 | 2.95E-07 |
| 2052 | 7.75E-08 | 2.20E-07 | 2.98E-07 |
| 2053 | 8.46E-08 | 2.49E-07 | 3.34E-07 |
| 2054 | 8.93E-08 | 2.62E-07 | 3.51E-07 |
| 2055 | 9.43E-08 | 2.75E-07 | 3.69E-07 |
| 2056 | 9.99E-08 | 2.89E-07 | 3.89E-07 |
| 2057 | 1.06E-07 | 3.05E-07 | 4.11E-07 |
| 2058 | 1.12E-07 | 3.22E-07 | 4.34E-07 |
| 2059 | 1.20E-07 | 3.41E-07 | 4.61E-07 |
| 2060 | 1.28E-07 | 3.61E-07 | 4.89E-07 |
| 2061 | 1.37E-07 | 3.84E-07 | 5.21E-07 |
| 2062 | 1.47E-07 | 4.10E-07 | 5.57E-07 |
| 2063 | 1.23E-07 | 3.33E-07 | 4.56E-07 |
| 2064 | 1.16E-07 | 3.17E-07 | 4.33E-07 |
| 2065 | 1.10E-07 | 3.01E-07 | 4.11E-07 |
| 2066 | 1.05E-07 | 2.91E-07 | 3.96E-07 |

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| 2067 | 1.01E-07 | 2.82E-07 | 3.83E-07 |
| 2068 | 9.11E-08 | 2.54E-07 | 3.45E-07 |
| 2069 | 8.56E-08 | 2.40E-07 | 3.26E-07 |
| 2070 | 8.48E-08 | 2.40E-07 | 3.25E-07 |
| 2071 | 7.85E-08 | 2.23E-07 | 3.02E-07 |
| 2072 | 7.60E-08 | 2.17E-07 | 2.93E-07 |
| 2073 | 8.53E-08 | 2.51E-07 | 3.36E-07 |
| 2074 | 9.00E-08 | 2.63E-07 | 3.53E-07 |
| 2075 | 9.50E-08 | 2.76E-07 | 3.71E-07 |
| 2076 | 1.00E-07 | 2.90E-07 | 3.90E-07 |
| 2077 | 1.07E-07 | 3.06E-07 | 4.13E-07 |
| 2078 | 1.14E-07 | 3.24E-07 | 4.38E-07 |
| 2079 | 1.21E-07 | 3.45E-07 | 4.66E-07 |
| 2080 | 1.30E-07 | 3.66E-07 | 4.96E-07 |
| 2081 | 1.39E-07 | 3.88E-07 | 5.27E-07 |
| 2082 | 1.48E-07 | 4.13E-07 | 5.61E-07 |
| 2083 | 1.24E-07 | 3.41E-07 | 4.65E-07 |
| 2084 | 1.20E-07 | 3.34E-07 | 4.54E-07 |
| 2085 | 1.14E-07 | 3.17E-07 | 4.31E-07 |
| 2086 | 1.10E-07 | 3.08E-07 | 4.18E-07 |
| 2087 | 1.03E-07 | 2.90E-07 | 3.93E-07 |
| 2088 | 9.22E-08 | 2.60E-07 | 3.52E-07 |
| 2089 | 8.73E-08 | 2.48E-07 | 3.35E-07 |
| 2090 | 8.73E-08 | 2.49E-07 | 3.36E-07 |
| 2091 | 8.12E-08 | 2.33E-07 | 3.14E-07 |
| 2092 | 7.64E-08 | 2.20E-07 | 2.96E-07 |
| 2093 | 8.59E-08 | 2.52E-07 | 3.38E-07 |
| 2094 | 9.07E-08 | 2.65E-07 | 3.56E-07 |
| 2095 | 9.58E-08 | 2.78E-07 | 3.74E-07 |
| 2096 | 1.01E-07 | 2.93E-07 | 3.94E-07 |
| 2097 | 1.08E-07 | 3.09E-07 | 4.17E-07 |
| 2098 | 1.14E-07 | 3.27E-07 | 4.41E-07 |
| 2099 | 1.22E-07 | 3.46E-07 | 4.68E-07 |
| 2100 | 1.30E-07 | 3.68E-07 | 4.98E-07 |
| 2101 | 1.40E-07 | 3.92E-07 | 5.32E-07 |
| 2102 | 1.50E-07 | 4.18E-07 | 5.68E-07 |
| 2103 | 1.27E-07 | 3.51E-07 | 4.78E-07 |
| 2104 | 1.22E-07 | 3.41E-07 | 4.63E-07 |
| 2105 | 1.22E-07 | 3.41E-07 | 4.63E-07 |
| 2106 | 1.20E-07 | 3.38E-07 | 4.58E-07 |
| 2107 | 1.07E-07 | 3.02E-07 | 4.09E-07 |
| 2108 | 9.89E-08 | 2.81E-07 | 3.80E-07 |
| 2109 | 9.58E-08 | 2.73E-07 | 3.69E-07 |
| 2110 | 9.20E-08 | 2.63E-07 | 3.55E-07 |

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| 2111 | 8.50E-08 | 2.44E-07 | 3.29E-07 |
| 2112 | 7.92E-08 | 2.28E-07 | 3.07E-07 |
| 2113 | 8.61E-08 | 2.52E-07 | 3.38E-07 |
| 2114 | 9.09E-08 | 2.65E-07 | 3.56E-07 |
| 2115 | 9.61E-08 | 2.78E-07 | 3.74E-07 |
| 2116 | 1.02E-07 | 2.93E-07 | 3.95E-07 |
| 2117 | 1.08E-07 | 3.09E-07 | 4.17E-07 |
| 2118 | 1.15E-07 | 3.27E-07 | 4.42E-07 |
| 2119 | 1.22E-07 | 3.47E-07 | 4.69E-07 |
| 2120 | 1.31E-07 | 3.69E-07 | 5.00E-07 |
| 2121 | 1.40E-07 | 3.93E-07 | 5.33E-07 |
| 2122 | 1.51E-07 | 4.20E-07 | 5.71E-07 |
| 2123 | 1.32E-07 | 3.61E-07 | 4.93E-07 |
| 2124 | 1.24E-07 | 3.42E-07 | 4.66E-07 |
| 2125 | 1.24E-07 | 3.44E-07 | 4.68E-07 |
| 2126 | 1.32E-07 | 3.65E-07 | 4.97E-07 |
| 2127 | 1.20E-07 | 3.34E-07 | 4.54E-07 |
| 2128 | 1.11E-07 | 3.13E-07 | 4.24E-07 |
| 2129 | 1.06E-07 | 2.99E-07 | 4.05E-07 |
| 2130 | 9.87E-08 | 2.79E-07 | 3.78E-07 |
| 2131 | 9.06E-08 | 2.57E-07 | 3.48E-07 |
| 2132 | 8.37E-08 | 2.39E-07 | 3.23E-07 |
| 2133 | 8.63E-08 | 2.52E-07 | 3.38E-07 |
| 2134 | 9.10E-08 | 2.64E-07 | 3.55E-07 |
| 2135 | 9.62E-08 | 2.78E-07 | 3.74E-07 |
| 2136 | 1.02E-07 | 2.93E-07 | 3.95E-07 |
| 2137 | 1.08E-07 | 3.09E-07 | 4.17E-07 |
| 2138 | 1.15E-07 | 3.27E-07 | 4.42E-07 |
| 2139 | 1.23E-07 | 3.47E-07 | 4.70E-07 |
| 2140 | 1.31E-07 | 3.68E-07 | 4.99E-07 |
| 2141 | 1.40E-07 | 3.93E-07 | 5.33E-07 |
| 2142 | 1.51E-07 | 4.20E-07 | 5.71E-07 |
| 2143 | 1.44E-07 | 3.92E-07 | 5.36E-07 |
| 2144 | 1.32E-07 | 3.60E-07 | 4.92E-07 |
| 2145 | 1.31E-07 | 3.61E-07 | 4.92E-07 |
| 2146 | 1.43E-07 | 3.89E-07 | 5.32E-07 |
| 2147 | 1.41E-07 | 3.83E-07 | 5.24E-07 |
| 2148 | 1.28E-07 | 3.52E-07 | 4.80E-07 |
| 2149 | 1.18E-07 | 3.26E-07 | 4.44E-07 |
| 2150 | 1.06E-07 | 2.96E-07 | 4.02E-07 |
| 2151 | 9.50E-08 | 2.68E-07 | 3.63E-07 |
| 2152 | 8.62E-08 | 2.44E-07 | 3.30E-07 |
| 2153 | 8.63E-08 | 2.52E-07 | 3.38E-07 |
| 2154 | 9.09E-08 | 2.64E-07 | 3.55E-07 |

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| 2155 | 9.61E-08 | 2.77E-07 | 3.73E-07 |
| 2156 | 1.02E-07 | 2.92E-07 | 3.94E-07 |
| 2157 | 1.08E-07 | 3.08E-07 | 4.16E-07 |
| 2158 | 1.15E-07 | 3.26E-07 | 4.41E-07 |
| 2159 | 1.22E-07 | 3.45E-07 | 4.67E-07 |
| 2160 | 1.31E-07 | 3.67E-07 | 4.98E-07 |
| 2161 | 1.40E-07 | 3.91E-07 | 5.31E-07 |
| 2162 | 1.51E-07 | 4.19E-07 | 5.70E-07 |
| 2163 | 1.69E-07 | 4.58E-07 | 6.27E-07 |
| 2164 | 1.53E-07 | 4.17E-07 | 5.70E-07 |
| 2165 | 1.55E-07 | 4.21E-07 | 5.76E-07 |
| 2166 | 1.65E-07 | 4.39E-07 | 6.04E-07 |
| 2167 | 1.52E-07 | 4.09E-07 | 5.61E-07 |
| 2168 | 1.34E-07 | 3.66E-07 | 5.00E-07 |
| 2169 | 1.21E-07 | 3.33E-07 | 4.54E-07 |
| 2170 | 1.09E-07 | 3.04E-07 | 4.13E-07 |
| 2171 | 9.34E-08 | 2.63E-07 | 3.56E-07 |
| 2172 | 8.55E-08 | 2.41E-07 | 3.27E-07 |
| 2173 | 8.61E-08 | 2.51E-07 | 3.37E-07 |
| 2174 | 9.08E-08 | 2.63E-07 | 3.54E-07 |
| 2175 | 9.58E-08 | 2.76E-07 | 3.72E-07 |
| 2176 | 1.01E-07 | 2.90E-07 | 3.91E-07 |
| 2177 | 1.08E-07 | 3.06E-07 | 4.14E-07 |
| 2178 | 1.14E-07 | 3.24E-07 | 4.38E-07 |
| 2179 | 1.22E-07 | 3.44E-07 | 4.66E-07 |
| 2180 | 1.30E-07 | 3.65E-07 | 4.95E-07 |
| 2181 | 1.39E-07 | 3.89E-07 | 5.28E-07 |
| 2182 | 1.50E-07 | 4.15E-07 | 5.65E-07 |
| 2183 | 2.08E-07 | 5.46E-07 | 7.54E-07 |
| 2184 | 2.01E-07 | 5.29E-07 | 7.30E-07 |
| 2185 | 1.86E-07 | 4.92E-07 | 6.78E-07 |
| 2186 | 1.72E-07 | 4.57E-07 | 6.29E-07 |
| 2187 | 1.54E-07 | 4.13E-07 | 5.67E-07 |
| 2188 | 1.36E-07 | 3.69E-07 | 5.05E-07 |
| 2189 | 1.20E-07 | 3.29E-07 | 4.49E-07 |
| 2190 | 1.09E-07 | 3.02E-07 | 4.11E-07 |
| 2191 | 9.15E-08 | 2.57E-07 | 3.49E-07 |
| 2192 | 8.36E-08 | 2.35E-07 | 3.19E-07 |
| 2193 | 8.57E-08 | 2.49E-07 | 3.35E-07 |
| 2194 | 9.04E-08 | 2.61E-07 | 3.51E-07 |
| 2195 | 9.55E-08 | 2.75E-07 | 3.71E-07 |
| 2196 | 1.01E-07 | 2.89E-07 | 3.90E-07 |
| 2197 | 1.07E-07 | 3.05E-07 | 4.12E-07 |
| 2198 | 1.14E-07 | 3.22E-07 | 4.36E-07 |

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| 2199 | 1.21E-07 | 3.41E-07 | 4.62E-07 |
| 2200 | 1.29E-07 | 3.62E-07 | 4.91E-07 |
| 2201 | 1.38E-07 | 3.85E-07 | 5.23E-07 |
| 2202 | 1.48E-07 | 4.11E-07 | 5.59E-07 |
| 2203 | 2.18E-07 | 5.77E-07 | 7.95E-07 |
| 2204 | 2.01E-07 | 5.35E-07 | 7.36E-07 |
| 2205 | 1.84E-07 | 4.88E-07 | 6.72E-07 |
| 2206 | 1.71E-07 | 4.55E-07 | 6.26E-07 |
| 2207 | 1.57E-07 | 4.20E-07 | 5.77E-07 |
| 2208 | 1.36E-07 | 3.68E-07 | 5.04E-07 |
| 2209 | 1.16E-07 | 3.19E-07 | 4.35E-07 |
| 2210 | 1.06E-07 | 2.95E-07 | 4.01E-07 |
| 2211 | 9.26E-08 | 2.59E-07 | 3.52E-07 |
| 2212 | 8.40E-08 | 2.36E-07 | 3.20E-07 |
| 2213 | 8.52E-08 | 2.47E-07 | 3.32E-07 |
| 2214 | 8.98E-08 | 2.59E-07 | 3.49E-07 |
| 2215 | 9.47E-08 | 2.71E-07 | 3.66E-07 |
| 2216 | 1.00E-07 | 2.86E-07 | 3.86E-07 |
| 2217 | 1.06E-07 | 3.01E-07 | 4.07E-07 |
| 2218 | 1.13E-07 | 3.18E-07 | 4.31E-07 |
| 2219 | 1.20E-07 | 3.36E-07 | 4.56E-07 |
| 2220 | 1.28E-07 | 3.57E-07 | 4.85E-07 |
| 2221 | 1.36E-07 | 3.79E-07 | 5.15E-07 |
| 2222 | 1.46E-07 | 4.05E-07 | 5.51E-07 |
| 2223 | 2.10E-07 | 5.63E-07 | 7.73E-07 |
| 2224 | 1.96E-07 | 5.25E-07 | 7.21E-07 |
| 2225 | 1.83E-07 | 4.89E-07 | 6.72E-07 |
| 2226 | 1.67E-07 | 4.48E-07 | 6.15E-07 |
| 2227 | 1.50E-07 | 4.04E-07 | 5.54E-07 |
| 2228 | 1.26E-07 | 3.45E-07 | 4.71E-07 |
| 2229 | 1.11E-07 | 3.08E-07 | 4.19E-07 |
| 2230 | 1.02E-07 | 2.82E-07 | 3.84E-07 |
| 2231 | 8.89E-08 | 2.48E-07 | 3.37E-07 |
| 2232 | 8.30E-08 | 2.32E-07 | 3.15E-07 |
| 2233 | 8.45E-08 | 2.45E-07 | 3.30E-07 |
| 2234 | 8.91E-08 | 2.57E-07 | 3.46E-07 |
| 2235 | 9.38E-08 | 2.68E-07 | 3.62E-07 |
| 2236 | 9.90E-08 | 2.82E-07 | 3.81E-07 |
| 2237 | 1.05E-07 | 2.97E-07 | 4.02E-07 |
| 2238 | 1.11E-07 | 3.13E-07 | 4.24E-07 |
| 2239 | 1.18E-07 | 3.32E-07 | 4.50E-07 |
| 2240 | 1.26E-07 | 3.51E-07 | 4.77E-07 |
| 2241 | 1.34E-07 | 3.73E-07 | 5.07E-07 |
| 2242 | 1.44E-07 | 3.97E-07 | 5.41E-07 |

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| 2243 | 2.02E-07 | 5.49E-07 | 7.51E-07 |
| 2244 | 1.89E-07 | 5.12E-07 | 7.01E-07 |
| 2245 | 1.77E-07 | 4.78E-07 | 6.55E-07 |
| 2246 | 1.59E-07 | 4.31E-07 | 5.90E-07 |
| 2247 | 1.33E-07 | 3.64E-07 | 4.97E-07 |
| 2248 | 1.13E-07 | 3.14E-07 | 4.27E-07 |
| 2249 | 1.05E-07 | 2.94E-07 | 3.99E-07 |
| 2250 | 9.80E-08 | 2.74E-07 | 3.72E-07 |
| 2251 | 8.59E-08 | 2.40E-07 | 3.26E-07 |
| 2252 | 7.95E-08 | 2.23E-07 | 3.03E-07 |
| 2253 | 8.37E-08 | 2.42E-07 | 3.26E-07 |
| 2254 | 8.81E-08 | 2.53E-07 | 3.41E-07 |
| 2255 | 9.28E-08 | 2.65E-07 | 3.58E-07 |
| 2256 | 9.79E-08 | 2.79E-07 | 3.77E-07 |
| 2257 | 1.03E-07 | 2.92E-07 | 3.95E-07 |
| 2258 | 1.09E-07 | 3.08E-07 | 4.17E-07 |
| 2259 | 1.16E-07 | 3.26E-07 | 4.42E-07 |
| 2260 | 1.24E-07 | 3.44E-07 | 4.68E-07 |
| 2261 | 1.32E-07 | 3.65E-07 | 4.97E-07 |
| 2262 | 1.41E-07 | 3.88E-07 | 5.29E-07 |
| 2263 | 1.94E-07 | 5.37E-07 | 7.31E-07 |
| 2264 | 1.82E-07 | 5.00E-07 | 6.82E-07 |
| 2265 | 1.68E-07 | 4.60E-07 | 6.28E-07 |
| 2266 | 1.45E-07 | 4.00E-07 | 5.45E-07 |
| 2267 | 1.14E-07 | 3.22E-07 | 4.36E-07 |
| 2268 | 9.78E-08 | 2.76E-07 | 3.74E-07 |
| 2269 | 9.38E-08 | 2.65E-07 | 3.59E-07 |
| 2270 | 8.96E-08 | 2.53E-07 | 3.43E-07 |
| 2271 | 8.11E-08 | 2.29E-07 | 3.10E-07 |
| 2272 | 7.59E-08 | 2.14E-07 | 2.90E-07 |
| 2273 | 8.27E-08 | 2.39E-07 | 3.22E-07 |
| 2274 | 8.69E-08 | 2.50E-07 | 3.37E-07 |
| 2275 | 9.15E-08 | 2.61E-07 | 3.53E-07 |
| 2276 | 9.65E-08 | 2.74E-07 | 3.71E-07 |
| 2277 | 1.02E-07 | 2.88E-07 | 3.90E-07 |
| 2278 | 1.08E-07 | 3.03E-07 | 4.11E-07 |
| 2279 | 1.14E-07 | 3.19E-07 | 4.33E-07 |
| 2280 | 1.21E-07 | 3.37E-07 | 4.58E-07 |
| 2281 | 1.29E-07 | 3.56E-07 | 4.85E-07 |
| 2282 | 1.37E-07 | 3.78E-07 | 5.15E-07 |
| 2283 | 1.87E-07 | 5.27E-07 | 7.14E-07 |
| 2284 | 1.74E-07 | 4.87E-07 | 6.61E-07 |
| 2285 | 1.62E-07 | 4.50E-07 | 6.12E-07 |
| 2286 | 1.35E-07 | 3.76E-07 | 5.11E-07 |

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| 2287 | 1.06E-07 | 3.02E-07 | 4.08E-07 |
| 2288 | 9.08E-08 | 2.60E-07 | 3.51E-07 |
| 2289 | 8.30E-08 | 2.37E-07 | 3.20E-07 |
| 2290 | 8.09E-08 | 2.31E-07 | 3.12E-07 |
| 2291 | 7.61E-08 | 2.17E-07 | 2.93E-07 |
| 2292 | 7.30E-08 | 2.08E-07 | 2.81E-07 |
| 2293 | 8.16E-08 | 2.35E-07 | 3.17E-07 |
| 2294 | 8.56E-08 | 2.45E-07 | 3.31E-07 |
| 2295 | 9.01E-08 | 2.57E-07 | 3.47E-07 |
| 2296 | 9.48E-08 | 2.69E-07 | 3.64E-07 |
| 2297 | 1.00E-07 | 2.82E-07 | 3.82E-07 |
| 2298 | 1.06E-07 | 2.96E-07 | 4.02E-07 |
| 2299 | 1.12E-07 | 3.12E-07 | 4.24E-07 |
| 2300 | 1.18E-07 | 3.28E-07 | 4.46E-07 |
| 2301 | 1.26E-07 | 3.47E-07 | 4.73E-07 |
| 2302 | 1.34E-07 | 3.67E-07 | 5.01E-07 |
| 2303 | 1.80E-07 | 5.23E-07 | 7.03E-07 |
| 2304 | 1.67E-07 | 4.78E-07 | 6.45E-07 |
| 2305 | 1.56E-07 | 4.44E-07 | 6.00E-07 |
| 2306 | 1.34E-07 | 3.77E-07 | 5.11E-07 |
| 2307 | 1.06E-07 | 3.04E-07 | 4.10E-07 |
| 2308 | 8.74E-08 | 2.53E-07 | 3.40E-07 |
| 2309 | 7.86E-08 | 2.27E-07 | 3.06E-07 |
| 2310 | 7.62E-08 | 2.20E-07 | 2.96E-07 |
| 2311 | 7.26E-08 | 2.10E-07 | 2.83E-07 |
| 2312 | 7.03E-08 | 2.03E-07 | 2.73E-07 |
| 2313 | 8.03E-08 | 2.31E-07 | 3.11E-07 |
| 2314 | 8.42E-08 | 2.41E-07 | 3.25E-07 |
| 2315 | 8.84E-08 | 2.51E-07 | 3.39E-07 |
| 2316 | 9.30E-08 | 2.63E-07 | 3.56E-07 |
| 2317 | 9.80E-08 | 2.76E-07 | 3.74E-07 |
| 2318 | 1.03E-07 | 2.89E-07 | 3.92E-07 |
| 2319 | 1.09E-07 | 3.04E-07 | 4.13E-07 |
| 2320 | 1.15E-07 | 3.20E-07 | 4.35E-07 |
| 2321 | 1.22E-07 | 3.37E-07 | 4.59E-07 |
| 2322 | 1.30E-07 | 3.56E-07 | 4.86E-07 |
| 2323 | 1.60E-07 | 4.74E-07 | 6.34E-07 |
| 2324 | 1.51E-07 | 4.38E-07 | 5.89E-07 |
| 2325 | 1.37E-07 | 3.94E-07 | 5.31E-07 |
| 2326 | 1.05E-07 | 3.03E-07 | 4.08E-07 |
| 2327 | 8.76E-08 | 2.56E-07 | 3.44E-07 |
| 2328 | 7.84E-08 | 2.29E-07 | 3.07E-07 |
| 2329 | 7.77E-08 | 2.27E-07 | 3.05E-07 |
| 2330 | 7.41E-08 | 2.17E-07 | 2.91E-07 |

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| 2331 | 7.02E-08 | 2.05E-07 | 2.75E-07 |
| 2332 | 7.89E-08 | 2.26E-07 | 3.05E-07 |
| 2333 | 8.27E-08 | 2.36E-07 | 3.19E-07 |
| 2334 | 8.68E-08 | 2.46E-07 | 3.33E-07 |
| 2335 | 9.11E-08 | 2.57E-07 | 3.48E-07 |
| 2336 | 9.58E-08 | 2.69E-07 | 3.65E-07 |
| 2337 | 1.01E-07 | 2.82E-07 | 3.83E-07 |
| 2338 | 1.06E-07 | 2.96E-07 | 4.02E-07 |
| 2339 | 1.12E-07 | 3.11E-07 | 4.23E-07 |
| 2340 | 1.19E-07 | 3.27E-07 | 4.46E-07 |
| 2341 | 1.26E-07 | 3.45E-07 | 4.71E-07 |
| 2342 | 1.45E-07 | 4.37E-07 | 5.82E-07 |
| 2343 | 1.33E-07 | 3.94E-07 | 5.27E-07 |
| 2344 | 1.09E-07 | 3.16E-07 | 4.25E-07 |
| 2345 | 8.87E-08 | 2.61E-07 | 3.50E-07 |
| 2346 | 8.11E-08 | 2.39E-07 | 3.20E-07 |
| 2347 | 8.16E-08 | 2.40E-07 | 3.22E-07 |
| 2348 | 7.83E-08 | 2.31E-07 | 3.09E-07 |
| 2349 | 7.29E-08 | 2.15E-07 | 2.88E-07 |
| 2350 | 7.75E-08 | 2.22E-07 | 3.00E-07 |
| 2351 | 8.11E-08 | 2.31E-07 | 3.12E-07 |
| 2352 | 8.50E-08 | 2.41E-07 | 3.26E-07 |
| 2353 | 8.91E-08 | 2.51E-07 | 3.40E-07 |
| 2354 | 9.36E-08 | 2.63E-07 | 3.57E-07 |
| 2355 | 9.84E-08 | 2.75E-07 | 3.73E-07 |
| 2356 | 1.04E-07 | 2.88E-07 | 3.92E-07 |
| 2357 | 1.09E-07 | 3.02E-07 | 4.11E-07 |
| 2358 | 1.15E-07 | 3.17E-07 | 4.32E-07 |
| 2359 | 1.22E-07 | 3.34E-07 | 4.56E-07 |
| 2360 | 1.31E-07 | 4.07E-07 | 5.38E-07 |
| 2361 | 1.20E-07 | 3.59E-07 | 4.79E-07 |
| 2362 | 9.50E-08 | 2.81E-07 | 3.76E-07 |
| 2363 | 8.93E-08 | 2.64E-07 | 3.53E-07 |
| 2364 | 8.89E-08 | 2.62E-07 | 3.51E-07 |
| 2365 | 8.89E-08 | 2.62E-07 | 3.51E-07 |
| 2366 | 8.20E-08 | 2.42E-07 | 3.24E-07 |
| 2367 | 7.59E-08 | 2.17E-07 | 2.93E-07 |
| 2368 | 7.94E-08 | 2.26E-07 | 3.05E-07 |
| 2369 | 8.31E-08 | 2.35E-07 | 3.18E-07 |
| 2370 | 8.71E-08 | 2.45E-07 | 3.32E-07 |
| 2371 | 9.13E-08 | 2.56E-07 | 3.47E-07 |
| 2372 | 9.59E-08 | 2.67E-07 | 3.63E-07 |
| 2373 | 1.01E-07 | 2.80E-07 | 3.81E-07 |
| 2374 | 1.06E-07 | 2.93E-07 | 3.99E-07 |

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| 2375 | 1.12E-07 | 3.08E-07 | 4.20E-07 |
| 2376 | 1.18E-07 | 3.23E-07 | 4.41E-07 |
| 2377 | 1.10E-07 | 3.43E-07 | 4.53E-07 |
| 2378 | 1.02E-07 | 3.10E-07 | 4.12E-07 |
| 2379 | 1.00E-07 | 3.07E-07 | 4.07E-07 |
| 2380 | 9.77E-08 | 3.00E-07 | 3.98E-07 |
| 2381 | 8.76E-08 | 2.64E-07 | 3.52E-07 |
| 2382 | 7.44E-08 | 2.12E-07 | 2.86E-07 |
| 2383 | 7.77E-08 | 2.21E-07 | 2.99E-07 |
| 2384 | 8.12E-08 | 2.29E-07 | 3.10E-07 |
| 2385 | 8.50E-08 | 2.39E-07 | 3.24E-07 |
| 2386 | 8.90E-08 | 2.49E-07 | 3.38E-07 |
| 2387 | 9.34E-08 | 2.60E-07 | 3.53E-07 |
| 2388 | 9.80E-08 | 2.72E-07 | 3.70E-07 |
| 2389 | 1.03E-07 | 2.84E-07 | 3.87E-07 |
| 2390 | 1.09E-07 | 2.98E-07 | 4.07E-07 |
| 2391 | 1.14E-07 | 3.13E-07 | 4.27E-07 |
| 2392 | 1.00E-07 | 3.28E-07 | 4.28E-07 |
| 2393 | 9.58E-08 | 3.13E-07 | 4.09E-07 |
| 2394 | 9.14E-08 | 2.98E-07 | 3.89E-07 |
| 2395 | 7.28E-08 | 2.07E-07 | 2.80E-07 |
| 2396 | 7.60E-08 | 2.15E-07 | 2.91E-07 |
| 2397 | 7.93E-08 | 2.24E-07 | 3.03E-07 |
| 2398 | 8.29E-08 | 2.33E-07 | 3.16E-07 |
| 2399 | 8.67E-08 | 2.42E-07 | 3.29E-07 |
| 2400 | 9.09E-08 | 2.53E-07 | 3.44E-07 |
| 2401 | 9.53E-08 | 2.64E-07 | 3.59E-07 |
| 2402 | 1.00E-07 | 2.76E-07 | 3.76E-07 |
| 2403 | 1.05E-07 | 2.88E-07 | 3.93E-07 |
| 2404 | 1.11E-07 | 3.02E-07 | 4.13E-07 |
| 2405 | 7.29E-08 | 2.09E-07 | 2.82E-07 |
| 2406 | 7.42E-08 | 2.10E-07 | 2.84E-07 |
| 2407 | 7.75E-08 | 2.18E-07 | 2.96E-07 |
| 2408 | 8.10E-08 | 2.27E-07 | 3.08E-07 |
| 2409 | 8.46E-08 | 2.36E-07 | 3.21E-07 |
| 2410 | 8.85E-08 | 2.46E-07 | 3.35E-07 |
| 2411 | 9.33E-08 | 2.59E-07 | 3.52E-07 |
| 2412 | 9.70E-08 | 2.67E-07 | 3.64E-07 |
| 2413 | 1.02E-07 | 2.79E-07 | 3.81E-07 |
| 2414 | 1.07E-07 | 2.92E-07 | 3.99E-07 |
| 2415 | 7.23E-08 | 2.05E-07 | 2.77E-07 |
| 2416 | 7.26E-08 | 2.05E-07 | 2.78E-07 |
| 2417 | 7.64E-08 | 2.17E-07 | 2.93E-07 |
| 2418 | 8.00E-08 | 2.25E-07 | 3.05E-07 |

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| 2419 | 8.35E-08 | 2.33E-07 | 3.17E-07 |
| 2420 | 8.68E-08 | 2.41E-07 | 3.28E-07 |
| 2421 | 9.03E-08 | 2.50E-07 | 3.40E-07 |
| 2422 | 9.43E-08 | 2.60E-07 | 3.54E-07 |
| 2423 | 9.86E-08 | 2.71E-07 | 3.70E-07 |
| 2424 | 1.03E-07 | 2.82E-07 | 3.85E-07 |
| 2425 | 7.01E-08 | 1.98E-07 | 2.68E-07 |
| 2426 | 7.16E-08 | 2.03E-07 | 2.75E-07 |
| 2427 | 7.48E-08 | 2.11E-07 | 2.86E-07 |
| 2428 | 7.80E-08 | 2.18E-07 | 2.96E-07 |
| 2429 | 8.11E-08 | 2.25E-07 | 3.06E-07 |
| 2430 | 8.41E-08 | 2.33E-07 | 3.17E-07 |
| 2431 | 8.72E-08 | 2.41E-07 | 3.28E-07 |
| 2432 | 9.09E-08 | 2.51E-07 | 3.42E-07 |
| 2433 | 9.49E-08 | 2.61E-07 | 3.56E-07 |
| 2434 | 9.93E-08 | 2.72E-07 | 3.71E-07 |
| 2435 | 6.84E-08 | 1.93E-07 | 2.61E-07 |
| 2436 | 6.99E-08 | 1.97E-07 | 2.67E-07 |
| 2437 | 7.27E-08 | 2.04E-07 | 2.77E-07 |
| 2438 | 7.54E-08 | 2.11E-07 | 2.86E-07 |
| 2439 | 7.82E-08 | 2.18E-07 | 2.96E-07 |
| 2440 | 8.10E-08 | 2.25E-07 | 3.06E-07 |
| 2441 | 8.40E-08 | 2.32E-07 | 3.16E-07 |
| 2442 | 8.74E-08 | 2.41E-07 | 3.28E-07 |
| 2443 | 9.10E-08 | 2.50E-07 | 3.41E-07 |
| 2444 | 9.50E-08 | 2.60E-07 | 3.55E-07 |
| 2445 | 1.16E-07 | 3.26E-07 | 4.42E-07 |
| 2446 | 6.62E-08 | 1.86E-07 | 2.52E-07 |
| 2447 | 6.83E-08 | 1.92E-07 | 2.60E-07 |
| 2448 | 7.05E-08 | 1.98E-07 | 2.69E-07 |
| 2449 | 7.29E-08 | 2.04E-07 | 2.77E-07 |
| 2450 | 7.54E-08 | 2.10E-07 | 2.85E-07 |
| 2451 | 7.79E-08 | 2.16E-07 | 2.94E-07 |
| 2452 | 8.10E-08 | 2.24E-07 | 3.05E-07 |
| 2453 | 8.42E-08 | 2.32E-07 | 3.16E-07 |
| 2454 | 8.76E-08 | 2.41E-07 | 3.29E-07 |
| 2455 | 9.09E-08 | 2.49E-07 | 3.40E-07 |
| 2456 | 1.14E-07 | 3.18E-07 | 4.32E-07 |
| 2457 | 1.09E-07 | 3.05E-07 | 4.14E-07 |
| 2458 | 1.04E-07 | 2.95E-07 | 3.99E-07 |
| 2459 | 9.94E-08 | 2.84E-07 | 3.83E-07 |
| 2460 | 6.40E-08 | 1.80E-07 | 2.44E-07 |
| 2461 | 6.61E-08 | 1.86E-07 | 2.52E-07 |
| 2462 | 6.82E-08 | 1.91E-07 | 2.59E-07 |

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| 2463 | 7.05E-08 | 1.97E-07 | 2.68E-07 |
| 2464 | 7.28E-08 | 2.03E-07 | 2.76E-07 |
| 2465 | 7.52E-08 | 2.09E-07 | 2.84E-07 |
| 2466 | 7.81E-08 | 2.16E-07 | 2.94E-07 |
| 2467 | 8.10E-08 | 2.24E-07 | 3.05E-07 |
| 2468 | 8.40E-08 | 2.31E-07 | 3.15E-07 |
| 2469 | 8.70E-08 | 2.39E-07 | 3.26E-07 |
| 2470 | 9.03E-08 | 2.47E-07 | 3.37E-07 |
| 2471 | 9.41E-08 | 2.57E-07 | 3.51E-07 |
| 2472 | 9.80E-08 | 2.67E-07 | 3.65E-07 |
| 2473 | 1.02E-07 | 2.78E-07 | 3.80E-07 |
| 2474 | 1.07E-07 | 2.89E-07 | 3.96E-07 |
| 2475 | 1.11E-07 | 3.00E-07 | 4.11E-07 |
| 2476 | 1.15E-07 | 3.11E-07 | 4.26E-07 |
| 2477 | 1.20E-07 | 3.23E-07 | 4.43E-07 |
| 2478 | 1.26E-07 | 3.38E-07 | 4.64E-07 |
| 2479 | 1.30E-07 | 3.49E-07 | 4.79E-07 |
| 2480 | 1.33E-07 | 3.56E-07 | 4.89E-07 |
| 2481 | 1.37E-07 | 3.66E-07 | 5.03E-07 |
| 2482 | 1.41E-07 | 3.77E-07 | 5.18E-07 |
| 2483 | 1.45E-07 | 3.89E-07 | 5.34E-07 |
| 2484 | 1.49E-07 | 4.00E-07 | 5.49E-07 |
| 2485 | 1.54E-07 | 4.13E-07 | 5.67E-07 |
| 2486 | 1.59E-07 | 4.25E-07 | 5.84E-07 |
| 2487 | 1.60E-07 | 4.30E-07 | 5.90E-07 |
| 2488 | 1.61E-07 | 4.33E-07 | 5.94E-07 |
| 2489 | 1.63E-07 | 4.38E-07 | 6.01E-07 |
| 2490 | 1.65E-07 | 4.43E-07 | 6.08E-07 |
| 2491 | 1.68E-07 | 4.49E-07 | 6.17E-07 |
| 2492 | 1.70E-07 | 4.54E-07 | 6.24E-07 |
| 2493 | 1.70E-07 | 4.55E-07 | 6.25E-07 |
| 2494 | 1.73E-07 | 4.63E-07 | 6.36E-07 |
| 2495 | 1.75E-07 | 4.69E-07 | 6.44E-07 |
| 2496 | 1.70E-07 | 4.58E-07 | 6.28E-07 |
| 2497 | 1.62E-07 | 4.41E-07 | 6.03E-07 |
| 2498 | 1.58E-07 | 4.26E-07 | 5.84E-07 |
| 2499 | 1.56E-07 | 4.25E-07 | 5.81E-07 |
| 2500 | 1.52E-07 | 4.10E-07 | 5.62E-07 |
| 2501 | 1.48E-07 | 4.01E-07 | 5.49E-07 |
| 2502 | 1.44E-07 | 3.91E-07 | 5.35E-07 |
| 2503 | 1.40E-07 | 3.81E-07 | 5.21E-07 |
| 2504 | 1.36E-07 | 3.71E-07 | 5.07E-07 |
| 2505 | 1.32E-07 | 3.60E-07 | 4.92E-07 |
| 2506 | 1.28E-07 | 3.50E-07 | 4.78E-07 |

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| 2507 | 1.24E-07 | 3.42E-07 | 4.66E-07 |
| 2508 | 1.20E-07 | 3.33E-07 | 4.53E-07 |
| 2509 | 1.17E-07 | 3.22E-07 | 4.39E-07 |
| 2510 | 1.15E-07 | 3.17E-07 | 4.32E-07 |
| 2511 | 1.10E-07 | 3.06E-07 | 4.16E-07 |
| 2512 | 1.06E-07 | 2.95E-07 | 4.01E-07 |
| 2513 | 1.01E-07 | 2.85E-07 | 3.86E-07 |
| 2514 | 9.60E-08 | 2.73E-07 | 3.69E-07 |
| 2515 | 9.24E-08 | 2.65E-07 | 3.57E-07 |
| 2516 | 8.89E-08 | 2.56E-07 | 3.45E-07 |
| 2517 | 8.51E-08 | 2.48E-07 | 3.33E-07 |
| 2518 | 8.14E-08 | 2.39E-07 | 3.20E-07 |
| 2519 | 7.80E-08 | 2.32E-07 | 3.10E-07 |
| 2520 | 7.48E-08 | 2.24E-07 | 2.99E-07 |
| 2521 | 6.14E-08 | 1.73E-07 | 2.34E-07 |
| 2522 | 6.39E-08 | 1.80E-07 | 2.44E-07 |
| 2523 | 6.60E-08 | 1.85E-07 | 2.51E-07 |
| 2524 | 6.81E-08 | 1.91E-07 | 2.59E-07 |
| 2525 | 7.02E-08 | 1.96E-07 | 2.66E-07 |
| 2526 | 7.27E-08 | 2.02E-07 | 2.75E-07 |
| 2527 | 7.54E-08 | 2.09E-07 | 2.84E-07 |
| 2528 | 7.82E-08 | 2.16E-07 | 2.94E-07 |
| 2529 | 8.09E-08 | 2.23E-07 | 3.04E-07 |
| 2530 | 8.37E-08 | 2.30E-07 | 3.14E-07 |
| 2531 | 8.68E-08 | 2.38E-07 | 3.25E-07 |
| 2532 | 9.04E-08 | 2.47E-07 | 3.37E-07 |
| 2533 | 9.41E-08 | 2.57E-07 | 3.51E-07 |
| 2534 | 9.78E-08 | 2.66E-07 | 3.64E-07 |
| 2535 | 1.02E-07 | 2.76E-07 | 3.78E-07 |
| 2536 | 1.05E-07 | 2.86E-07 | 3.91E-07 |
| 2537 | 1.09E-07 | 2.96E-07 | 4.05E-07 |
| 2538 | 1.14E-07 | 3.07E-07 | 4.21E-07 |
| 2539 | 1.19E-07 | 3.20E-07 | 4.39E-07 |
| 2540 | 1.23E-07 | 3.30E-07 | 4.53E-07 |
| 2541 | 1.25E-07 | 3.36E-07 | 4.61E-07 |
| 2542 | 1.29E-07 | 3.47E-07 | 4.76E-07 |
| 2543 | 1.33E-07 | 3.57E-07 | 4.90E-07 |
| 2544 | 1.37E-07 | 3.68E-07 | 5.05E-07 |
| 2545 | 1.41E-07 | 3.79E-07 | 5.20E-07 |
| 2546 | 1.46E-07 | 3.92E-07 | 5.38E-07 |
| 2547 | 1.50E-07 | 4.02E-07 | 5.52E-07 |
| 2548 | 1.52E-07 | 4.07E-07 | 5.59E-07 |
| 2549 | 1.51E-07 | 4.06E-07 | 5.57E-07 |
| 2550 | 1.53E-07 | 4.10E-07 | 5.63E-07 |

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| 2551 | 1.54E-07 | 4.14E-07 | 5.68E-07 |
| 2552 | 1.56E-07 | 4.17E-07 | 5.73E-07 |
| 2553 | 1.57E-07 | 4.20E-07 | 5.77E-07 |
| 2554 | 1.58E-07 | 4.24E-07 | 5.82E-07 |
| 2555 | 1.60E-07 | 4.29E-07 | 5.89E-07 |
| 2556 | 1.62E-07 | 4.35E-07 | 5.97E-07 |
| 2557 | 1.53E-07 | 4.14E-07 | 5.67E-07 |
| 2558 | 1.50E-07 | 4.08E-07 | 5.58E-07 |
| 2559 | 1.48E-07 | 4.05E-07 | 5.53E-07 |
| 2560 | 1.46E-07 | 4.01E-07 | 5.47E-07 |
| 2561 | 1.42E-07 | 3.88E-07 | 5.30E-07 |
| 2562 | 1.39E-07 | 3.76E-07 | 5.15E-07 |
| 2563 | 1.35E-07 | 3.68E-07 | 5.03E-07 |
| 2564 | 1.32E-07 | 3.59E-07 | 4.91E-07 |
| 2565 | 1.28E-07 | 3.50E-07 | 4.78E-07 |
| 2566 | 1.24E-07 | 3.41E-07 | 4.65E-07 |
| 2567 | 1.21E-07 | 3.31E-07 | 4.52E-07 |
| 2568 | 1.17E-07 | 3.22E-07 | 4.39E-07 |
| 2569 | 1.14E-07 | 3.17E-07 | 4.31E-07 |
| 2570 | 1.11E-07 | 3.08E-07 | 4.19E-07 |
| 2571 | 1.08E-07 | 3.01E-07 | 4.09E-07 |
| 2572 | 1.05E-07 | 2.94E-07 | 3.99E-07 |
| 2573 | 1.02E-07 | 2.85E-07 | 3.87E-07 |
| 2574 | 9.76E-08 | 2.74E-07 | 3.72E-07 |
| 2575 | 9.22E-08 | 2.62E-07 | 3.54E-07 |
| 2576 | 8.97E-08 | 2.55E-07 | 3.45E-07 |
| 2577 | 8.64E-08 | 2.47E-07 | 3.33E-07 |
| 2578 | 8.29E-08 | 2.39E-07 | 3.22E-07 |
| 2579 | 8.00E-08 | 2.32E-07 | 3.12E-07 |
| 2580 | 7.61E-08 | 2.23E-07 | 2.99E-07 |
| 2581 | 7.34E-08 | 2.17E-07 | 2.90E-07 |
| 2582 | 5.87E-08 | 1.66E-07 | 2.25E-07 |
| 2583 | 6.14E-08 | 1.73E-07 | 2.34E-07 |
| 2584 | 6.35E-08 | 1.79E-07 | 2.43E-07 |
| 2585 | 6.58E-08 | 1.84E-07 | 2.50E-07 |
| 2586 | 6.73E-08 | 1.88E-07 | 2.55E-07 |
| 2587 | 6.95E-08 | 1.94E-07 | 2.64E-07 |
| 2588 | 7.19E-08 | 2.00E-07 | 2.72E-07 |
| 2589 | 7.52E-08 | 2.08E-07 | 2.83E-07 |
| 2590 | 7.81E-08 | 2.16E-07 | 2.94E-07 |
| 2591 | 8.07E-08 | 2.22E-07 | 3.03E-07 |
| 2592 | 8.34E-08 | 2.29E-07 | 3.12E-07 |
| 2593 | 8.66E-08 | 2.37E-07 | 3.24E-07 |
| 2594 | 8.97E-08 | 2.46E-07 | 3.36E-07 |

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| 2595 | 9.31E-08 | 2.54E-07 | 3.47E-07 |
| 2596 | 9.65E-08 | 2.63E-07 | 3.60E-07 |
| 2597 | 1.00E-07 | 2.72E-07 | 3.72E-07 |
| 2598 | 1.04E-07 | 2.81E-07 | 3.85E-07 |
| 2599 | 1.07E-07 | 2.91E-07 | 3.98E-07 |
| 2600 | 1.11E-07 | 3.00E-07 | 4.11E-07 |
| 2601 | 1.15E-07 | 3.10E-07 | 4.25E-07 |
| 2602 | 1.18E-07 | 3.20E-07 | 4.38E-07 |
| 2603 | 1.22E-07 | 3.29E-07 | 4.51E-07 |
| 2604 | 1.26E-07 | 3.39E-07 | 4.65E-07 |
| 2605 | 1.30E-07 | 3.48E-07 | 4.78E-07 |
| 2606 | 1.33E-07 | 3.58E-07 | 4.91E-07 |
| 2607 | 1.38E-07 | 3.70E-07 | 5.08E-07 |
| 2608 | 1.42E-07 | 3.80E-07 | 5.22E-07 |
| 2609 | 1.43E-07 | 3.85E-07 | 5.28E-07 |
| 2610 | 1.44E-07 | 3.85E-07 | 5.29E-07 |
| 2611 | 1.45E-07 | 3.88E-07 | 5.33E-07 |
| 2612 | 1.46E-07 | 3.91E-07 | 5.37E-07 |
| 2613 | 1.47E-07 | 3.94E-07 | 5.41E-07 |
| 2614 | 1.47E-07 | 3.95E-07 | 5.42E-07 |
| 2615 | 1.46E-07 | 3.93E-07 | 5.39E-07 |
| 2616 | 1.48E-07 | 3.99E-07 | 5.47E-07 |
| 2617 | 1.49E-07 | 4.03E-07 | 5.52E-07 |
| 2618 | 1.44E-07 | 3.87E-07 | 5.31E-07 |
| 2619 | 1.40E-07 | 3.83E-07 | 5.23E-07 |
| 2620 | 1.39E-07 | 3.80E-07 | 5.19E-07 |
| 2621 | 1.37E-07 | 3.75E-07 | 5.12E-07 |
| 2622 | 1.36E-07 | 3.71E-07 | 5.07E-07 |
| 2623 | 1.32E-07 | 3.64E-07 | 4.96E-07 |
| 2624 | 1.27E-07 | 3.47E-07 | 4.74E-07 |
| 2625 | 1.24E-07 | 3.39E-07 | 4.63E-07 |
| 2626 | 1.21E-07 | 3.32E-07 | 4.53E-07 |
| 2627 | 1.18E-07 | 3.23E-07 | 4.41E-07 |
| 2628 | 1.14E-07 | 3.15E-07 | 4.29E-07 |
| 2629 | 1.11E-07 | 3.06E-07 | 4.17E-07 |
| 2630 | 1.08E-07 | 2.98E-07 | 4.06E-07 |
| 2631 | 1.05E-07 | 2.92E-07 | 3.97E-07 |
| 2632 | 1.02E-07 | 2.86E-07 | 3.88E-07 |
| 2633 | 1.01E-07 | 2.82E-07 | 3.83E-07 |
| 2634 | 9.80E-08 | 2.74E-07 | 3.72E-07 |
| 2635 | 9.41E-08 | 2.64E-07 | 3.58E-07 |
| 2636 | 8.89E-08 | 2.52E-07 | 3.41E-07 |
| 2637 | 8.71E-08 | 2.47E-07 | 3.34E-07 |
| 2638 | 8.25E-08 | 2.37E-07 | 3.20E-07 |

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| 2639 | 7.93E-08 | 2.29E-07 | 3.08E-07 |
| 2640 | 7.75E-08 | 2.24E-07 | 3.02E-07 |
| 2641 | 7.42E-08 | 2.16E-07 | 2.90E-07 |
| 2642 | 7.12E-08 | 2.09E-07 | 2.80E-07 |
| 2643 | 5.59E-08 | 1.59E-07 | 2.15E-07 |
| 2644 | 5.87E-08 | 1.66E-07 | 2.25E-07 |
| 2645 | 6.07E-08 | 1.71E-07 | 2.32E-07 |
| 2646 | 6.29E-08 | 1.77E-07 | 2.40E-07 |
| 2647 | 6.47E-08 | 1.81E-07 | 2.46E-07 |
| 2648 | 6.70E-08 | 1.87E-07 | 2.54E-07 |
| 2649 | 6.94E-08 | 1.93E-07 | 2.62E-07 |
| 2650 | 7.22E-08 | 2.01E-07 | 2.73E-07 |
| 2651 | 7.51E-08 | 2.08E-07 | 2.83E-07 |
| 2652 | 7.78E-08 | 2.15E-07 | 2.93E-07 |
| 2653 | 8.02E-08 | 2.21E-07 | 3.01E-07 |
| 2654 | 8.26E-08 | 2.27E-07 | 3.10E-07 |
| 2655 | 8.56E-08 | 2.35E-07 | 3.21E-07 |
| 2656 | 8.86E-08 | 2.43E-07 | 3.32E-07 |
| 2657 | 9.11E-08 | 2.49E-07 | 3.40E-07 |
| 2658 | 9.48E-08 | 2.59E-07 | 3.54E-07 |
| 2659 | 9.79E-08 | 2.67E-07 | 3.65E-07 |
| 2660 | 1.01E-07 | 2.76E-07 | 3.77E-07 |
| 2661 | 1.05E-07 | 2.85E-07 | 3.90E-07 |
| 2662 | 1.08E-07 | 2.93E-07 | 4.01E-07 |
| 2663 | 1.12E-07 | 3.03E-07 | 4.15E-07 |
| 2664 | 1.15E-07 | 3.12E-07 | 4.27E-07 |
| 2665 | 1.19E-07 | 3.21E-07 | 4.40E-07 |
| 2666 | 1.23E-07 | 3.30E-07 | 4.53E-07 |
| 2667 | 1.26E-07 | 3.40E-07 | 4.66E-07 |
| 2668 | 1.30E-07 | 3.49E-07 | 4.79E-07 |
| 2669 | 1.33E-07 | 3.58E-07 | 4.91E-07 |
| 2670 | 1.35E-07 | 3.64E-07 | 4.99E-07 |
| 2671 | 1.36E-07 | 3.65E-07 | 5.01E-07 |
| 2672 | 1.36E-07 | 3.66E-07 | 5.02E-07 |
| 2673 | 1.38E-07 | 3.70E-07 | 5.08E-07 |
| 2674 | 1.39E-07 | 3.73E-07 | 5.12E-07 |
| 2675 | 1.38E-07 | 3.72E-07 | 5.10E-07 |
| 2676 | 1.38E-07 | 3.71E-07 | 5.09E-07 |
| 2677 | 1.40E-07 | 3.77E-07 | 5.17E-07 |
| 2678 | 1.40E-07 | 3.78E-07 | 5.18E-07 |
| 2679 | 1.36E-07 | 3.69E-07 | 5.05E-07 |
| 2680 | 1.34E-07 | 3.61E-07 | 4.95E-07 |
| 2681 | 1.30E-07 | 3.57E-07 | 4.87E-07 |
| 2682 | 1.28E-07 | 3.53E-07 | 4.81E-07 |

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| 2683 | 1.26E-07 | 3.48E-07 | 4.74E-07 |
| 2684 | 1.25E-07 | 3.43E-07 | 4.68E-07 |
| 2685 | 1.21E-07 | 3.35E-07 | 4.56E-07 |
| 2686 | 1.17E-07 | 3.21E-07 | 4.38E-07 |
| 2687 | 1.14E-07 | 3.14E-07 | 4.28E-07 |
| 2688 | 1.12E-07 | 3.12E-07 | 4.24E-07 |
| 2689 | 1.10E-07 | 3.05E-07 | 4.15E-07 |
| 2690 | 1.05E-07 | 2.92E-07 | 3.97E-07 |
| 2691 | 1.04E-07 | 2.89E-07 | 3.93E-07 |
| 2692 | 9.99E-08 | 2.80E-07 | 3.80E-07 |
| 2693 | 9.71E-08 | 2.73E-07 | 3.70E-07 |
| 2694 | 9.86E-08 | 2.74E-07 | 3.73E-07 |
| 2695 | 9.41E-08 | 2.63E-07 | 3.57E-07 |
| 2696 | 9.06E-08 | 2.55E-07 | 3.46E-07 |
| 2697 | 8.59E-08 | 2.43E-07 | 3.29E-07 |
| 2698 | 8.45E-08 | 2.39E-07 | 3.24E-07 |
| 2699 | 8.10E-08 | 2.31E-07 | 3.12E-07 |
| 2700 | 7.71E-08 | 2.22E-07 | 2.99E-07 |
| 2701 | 7.55E-08 | 2.17E-07 | 2.93E-07 |
| 2702 | 7.26E-08 | 2.10E-07 | 2.83E-07 |
| 2703 | 6.96E-08 | 2.03E-07 | 2.73E-07 |
| 2704 | 5.36E-08 | 1.53E-07 | 2.07E-07 |
| 2705 | 5.65E-08 | 1.60E-07 | 2.17E-07 |
| 2706 | 5.87E-08 | 1.66E-07 | 2.25E-07 |
| 2707 | 6.09E-08 | 1.71E-07 | 2.32E-07 |
| 2708 | 6.26E-08 | 1.76E-07 | 2.39E-07 |
| 2709 | 6.48E-08 | 1.81E-07 | 2.46E-07 |
| 2710 | 6.69E-08 | 1.87E-07 | 2.54E-07 |
| 2711 | 6.98E-08 | 1.94E-07 | 2.64E-07 |
| 2712 | 7.25E-08 | 2.01E-07 | 2.74E-07 |
| 2713 | 7.48E-08 | 2.07E-07 | 2.82E-07 |
| 2714 | 7.73E-08 | 2.13E-07 | 2.90E-07 |
| 2715 | 7.96E-08 | 2.19E-07 | 2.99E-07 |
| 2716 | 8.22E-08 | 2.26E-07 | 3.08E-07 |
| 2717 | 8.50E-08 | 2.33E-07 | 3.18E-07 |
| 2718 | 8.68E-08 | 2.39E-07 | 3.26E-07 |
| 2719 | 8.98E-08 | 2.47E-07 | 3.37E-07 |
| 2720 | 9.24E-08 | 2.53E-07 | 3.45E-07 |
| 2721 | 9.59E-08 | 2.62E-07 | 3.58E-07 |
| 2722 | 9.86E-08 | 2.69E-07 | 3.68E-07 |
| 2723 | 1.02E-07 | 2.77E-07 | 3.79E-07 |
| 2724 | 1.06E-07 | 2.87E-07 | 3.93E-07 |
| 2725 | 1.09E-07 | 2.95E-07 | 4.04E-07 |
| 2726 | 1.12E-07 | 3.03E-07 | 4.15E-07 |

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| 2727 | 1.15E-07 | 3.11E-07 | 4.26E-07 |
| 2728 | 1.19E-07 | 3.21E-07 | 4.40E-07 |
| 2729 | 1.22E-07 | 3.30E-07 | 4.52E-07 |
| 2730 | 1.25E-07 | 3.38E-07 | 4.63E-07 |
| 2731 | 1.27E-07 | 3.42E-07 | 4.69E-07 |
| 2732 | 1.29E-07 | 3.46E-07 | 4.75E-07 |
| 2733 | 1.28E-07 | 3.46E-07 | 4.74E-07 |
| 2734 | 1.30E-07 | 3.50E-07 | 4.80E-07 |
| 2735 | 1.31E-07 | 3.52E-07 | 4.83E-07 |
| 2736 | 1.30E-07 | 3.50E-07 | 4.80E-07 |
| 2737 | 1.30E-07 | 3.50E-07 | 4.80E-07 |
| 2738 | 1.31E-07 | 3.54E-07 | 4.85E-07 |
| 2739 | 1.32E-07 | 3.57E-07 | 4.89E-07 |
| 2740 | 1.29E-07 | 3.49E-07 | 4.78E-07 |
| 2741 | 1.28E-07 | 3.47E-07 | 4.75E-07 |
| 2742 | 1.25E-07 | 3.39E-07 | 4.64E-07 |
| 2743 | 1.23E-07 | 3.34E-07 | 4.57E-07 |
| 2744 | 1.25E-07 | 3.40E-07 | 4.65E-07 |
| 2745 | 1.23E-07 | 3.35E-07 | 4.58E-07 |
| 2746 | 1.16E-07 | 3.19E-07 | 4.35E-07 |
| 2747 | 1.12E-07 | 3.12E-07 | 4.24E-07 |
| 2748 | 1.08E-07 | 2.99E-07 | 4.07E-07 |
| 2749 | 1.08E-07 | 2.99E-07 | 4.07E-07 |
| 2750 | 1.07E-07 | 2.96E-07 | 4.03E-07 |
| 2751 | 1.02E-07 | 2.84E-07 | 3.86E-07 |
| 2752 | 9.96E-08 | 2.77E-07 | 3.77E-07 |
| 2753 | 9.77E-08 | 2.73E-07 | 3.71E-07 |
| 2754 | 9.30E-08 | 2.62E-07 | 3.55E-07 |
| 2755 | 9.04E-08 | 2.55E-07 | 3.45E-07 |
| 2756 | 8.92E-08 | 2.51E-07 | 3.40E-07 |
| 2757 | 8.57E-08 | 2.41E-07 | 3.27E-07 |
| 2758 | 8.29E-08 | 2.34E-07 | 3.17E-07 |
| 2759 | 8.19E-08 | 2.32E-07 | 3.14E-07 |
| 2760 | 7.93E-08 | 2.25E-07 | 3.04E-07 |
| 2761 | 7.57E-08 | 2.16E-07 | 2.92E-07 |
| 2762 | 7.37E-08 | 2.11E-07 | 2.85E-07 |
| 2763 | 7.09E-08 | 2.04E-07 | 2.75E-07 |
| 2764 | 6.81E-08 | 1.97E-07 | 2.65E-07 |
| 2765 | 5.18E-08 | 1.48E-07 | 2.00E-07 |
| 2766 | 5.47E-08 | 1.55E-07 | 2.10E-07 |
| 2767 | 5.67E-08 | 1.60E-07 | 2.17E-07 |
| 2768 | 5.90E-08 | 1.66E-07 | 2.25E-07 |
| 2769 | 6.07E-08 | 1.71E-07 | 2.32E-07 |
| 2770 | 6.27E-08 | 1.76E-07 | 2.39E-07 |

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| 2771 | 6.47E-08 | 1.81E-07 | 2.46E-07 |
| 2772 | 6.71E-08 | 1.87E-07 | 2.54E-07 |
| 2773 | 6.95E-08 | 1.93E-07 | 2.63E-07 |
| 2774 | 7.18E-08 | 1.99E-07 | 2.71E-07 |
| 2775 | 7.45E-08 | 2.06E-07 | 2.81E-07 |
| 2776 | 7.69E-08 | 2.12E-07 | 2.89E-07 |
| 2777 | 7.93E-08 | 2.19E-07 | 2.98E-07 |
| 2778 | 8.16E-08 | 2.25E-07 | 3.07E-07 |
| 2779 | 8.34E-08 | 2.30E-07 | 3.13E-07 |
| 2780 | 8.62E-08 | 2.37E-07 | 3.23E-07 |
| 2781 | 8.79E-08 | 2.42E-07 | 3.30E-07 |
| 2782 | 9.08E-08 | 2.49E-07 | 3.40E-07 |
| 2783 | 9.35E-08 | 2.56E-07 | 3.50E-07 |
| 2784 | 9.67E-08 | 2.64E-07 | 3.61E-07 |
| 2785 | 9.56E-08 | 2.62E-07 | 3.58E-07 |
| 2786 | 9.62E-08 | 2.64E-07 | 3.60E-07 |
| 2787 | 1.01E-07 | 2.75E-07 | 3.76E-07 |
| 2788 | 1.07E-07 | 2.92E-07 | 3.99E-07 |
| 2789 | 1.12E-07 | 3.04E-07 | 4.16E-07 |
| 2790 | 1.16E-07 | 3.12E-07 | 4.28E-07 |
| 2791 | 1.18E-07 | 3.19E-07 | 4.37E-07 |
| 2792 | 1.21E-07 | 3.26E-07 | 4.47E-07 |
| 2793 | 1.23E-07 | 3.31E-07 | 4.54E-07 |
| 2794 | 1.23E-07 | 3.31E-07 | 4.54E-07 |
| 2795 | 1.22E-07 | 3.30E-07 | 4.52E-07 |
| 2796 | 1.23E-07 | 3.32E-07 | 4.55E-07 |
| 2797 | 1.23E-07 | 3.32E-07 | 4.55E-07 |
| 2798 | 1.24E-07 | 3.35E-07 | 4.59E-07 |
| 2799 | 1.27E-07 | 3.41E-07 | 4.68E-07 |
| 2800 | 1.27E-07 | 3.42E-07 | 4.69E-07 |
| 2801 | 1.23E-07 | 3.33E-07 | 4.56E-07 |
| 2802 | 1.24E-07 | 3.37E-07 | 4.61E-07 |
| 2803 | 1.21E-07 | 3.30E-07 | 4.51E-07 |
| 2804 | 1.20E-07 | 3.27E-07 | 4.47E-07 |
| 2805 | 1.20E-07 | 3.27E-07 | 4.47E-07 |
| 2806 | 1.19E-07 | 3.23E-07 | 4.42E-07 |
| 2807 | 1.14E-07 | 3.13E-07 | 4.27E-07 |
| 2808 | 1.09E-07 | 3.01E-07 | 4.10E-07 |
| 2809 | 1.05E-07 | 2.91E-07 | 3.96E-07 |
| 2810 | 1.05E-07 | 2.91E-07 | 3.96E-07 |
| 2811 | 1.03E-07 | 2.86E-07 | 3.89E-07 |
| 2812 | 9.79E-08 | 2.72E-07 | 3.70E-07 |
| 2813 | 9.64E-08 | 2.69E-07 | 3.65E-07 |
| 2814 | 9.30E-08 | 2.60E-07 | 3.53E-07 |

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| 2815 | 8.95E-08 | 2.51E-07 | 3.41E-07 |
| 2816 | 8.72E-08 | 2.45E-07 | 3.32E-07 |
| 2817 | 8.48E-08 | 2.39E-07 | 3.24E-07 |
| 2818 | 8.25E-08 | 2.33E-07 | 3.16E-07 |
| 2819 | 8.01E-08 | 2.27E-07 | 3.07E-07 |
| 2820 | 7.94E-08 | 2.25E-07 | 3.04E-07 |
| 2821 | 7.70E-08 | 2.18E-07 | 2.95E-07 |
| 2822 | 7.37E-08 | 2.10E-07 | 2.84E-07 |
| 2823 | 7.16E-08 | 2.05E-07 | 2.77E-07 |
| 2824 | 6.91E-08 | 1.98E-07 | 2.67E-07 |
| 2825 | 6.66E-08 | 1.92E-07 | 2.59E-07 |
| 2826 | 5.01E-08 | 1.44E-07 | 1.94E-07 |
| 2827 | 5.30E-08 | 1.51E-07 | 2.04E-07 |
| 2828 | 5.50E-08 | 1.56E-07 | 2.11E-07 |
| 2829 | 5.72E-08 | 1.61E-07 | 2.18E-07 |
| 2830 | 5.88E-08 | 1.66E-07 | 2.25E-07 |
| 2831 | 6.08E-08 | 1.71E-07 | 2.32E-07 |
| 2832 | 6.26E-08 | 1.76E-07 | 2.39E-07 |
| 2833 | 6.49E-08 | 1.81E-07 | 2.46E-07 |
| 2834 | 6.72E-08 | 1.87E-07 | 2.54E-07 |
| 2835 | 6.94E-08 | 1.93E-07 | 2.62E-07 |
| 2836 | 7.17E-08 | 1.99E-07 | 2.71E-07 |
| 2837 | 7.41E-08 | 2.05E-07 | 2.79E-07 |
| 2838 | 7.63E-08 | 2.11E-07 | 2.87E-07 |
| 2839 | 7.85E-08 | 2.17E-07 | 2.96E-07 |
| 2840 | 8.01E-08 | 2.21E-07 | 3.01E-07 |
| 2841 | 8.28E-08 | 2.28E-07 | 3.11E-07 |
| 2842 | 8.34E-08 | 2.30E-07 | 3.13E-07 |
| 2843 | 8.52E-08 | 2.35E-07 | 3.20E-07 |
| 2844 | 8.81E-08 | 2.42E-07 | 3.30E-07 |
| 2845 | 9.12E-08 | 2.50E-07 | 3.41E-07 |
| 2846 | 8.87E-08 | 2.45E-07 | 3.34E-07 |
| 2847 | 9.04E-08 | 2.49E-07 | 3.39E-07 |
| 2848 | 9.45E-08 | 2.59E-07 | 3.54E-07 |
| 2849 | 1.02E-07 | 2.77E-07 | 3.79E-07 |
| 2850 | 1.06E-07 | 2.87E-07 | 3.93E-07 |
| 2851 | 1.09E-07 | 2.96E-07 | 4.05E-07 |
| 2852 | 1.07E-07 | 2.92E-07 | 3.99E-07 |
| 2853 | 1.11E-07 | 3.02E-07 | 4.13E-07 |
| 2854 | 1.16E-07 | 3.13E-07 | 4.29E-07 |
| 2855 | 1.17E-07 | 3.17E-07 | 4.34E-07 |
| 2856 | 1.17E-07 | 3.16E-07 | 4.33E-07 |
| 2857 | 1.16E-07 | 3.14E-07 | 4.30E-07 |
| 2858 | 1.17E-07 | 3.16E-07 | 4.33E-07 |

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| 2859 | 1.18E-07 | 3.18E-07 | 4.36E-07 |
| 2860 | 1.19E-07 | 3.22E-07 | 4.41E-07 |
| 2861 | 1.21E-07 | 3.26E-07 | 4.47E-07 |
| 2862 | 1.17E-07 | 3.19E-07 | 4.36E-07 |
| 2863 | 1.21E-07 | 3.27E-07 | 4.48E-07 |
| 2864 | 1.21E-07 | 3.26E-07 | 4.47E-07 |
| 2865 | 1.17E-07 | 3.18E-07 | 4.35E-07 |
| 2866 | 1.16E-07 | 3.15E-07 | 4.31E-07 |
| 2867 | 1.16E-07 | 3.15E-07 | 4.31E-07 |
| 2868 | 1.12E-07 | 3.06E-07 | 4.18E-07 |
| 2869 | 1.07E-07 | 2.95E-07 | 4.02E-07 |
| 2870 | 1.04E-07 | 2.87E-07 | 3.91E-07 |
| 2871 | 1.02E-07 | 2.82E-07 | 3.84E-07 |
| 2872 | 1.01E-07 | 2.77E-07 | 3.78E-07 |
| 2873 | 9.61E-08 | 2.67E-07 | 3.63E-07 |
| 2874 | 9.36E-08 | 2.61E-07 | 3.55E-07 |
| 2875 | 8.95E-08 | 2.51E-07 | 3.41E-07 |
| 2876 | 8.55E-08 | 2.41E-07 | 3.27E-07 |
| 2877 | 8.33E-08 | 2.35E-07 | 3.18E-07 |
| 2878 | 8.20E-08 | 2.32E-07 | 3.14E-07 |
| 2879 | 8.03E-08 | 2.28E-07 | 3.08E-07 |
| 2880 | 7.77E-08 | 2.21E-07 | 2.99E-07 |
| 2881 | 7.64E-08 | 2.17E-07 | 2.93E-07 |
| 2882 | 7.42E-08 | 2.11E-07 | 2.85E-07 |
| 2883 | 7.21E-08 | 2.05E-07 | 2.77E-07 |
| 2884 | 6.96E-08 | 1.99E-07 | 2.69E-07 |
| 2885 | 6.75E-08 | 1.93E-07 | 2.61E-07 |
| 2886 | 6.52E-08 | 1.87E-07 | 2.52E-07 |
| 2887 | 4.87E-08 | 1.40E-07 | 1.89E-07 |
| 2888 | 5.15E-08 | 1.47E-07 | 1.99E-07 |
| 2889 | 5.36E-08 | 1.52E-07 | 2.06E-07 |
| 2890 | 5.55E-08 | 1.57E-07 | 2.13E-07 |
| 2891 | 5.70E-08 | 1.61E-07 | 2.18E-07 |
| 2892 | 5.89E-08 | 1.66E-07 | 2.25E-07 |
| 2893 | 6.06E-08 | 1.70E-07 | 2.31E-07 |
| 2894 | 6.27E-08 | 1.76E-07 | 2.39E-07 |
| 2895 | 6.46E-08 | 1.80E-07 | 2.45E-07 |
| 2896 | 6.68E-08 | 1.86E-07 | 2.53E-07 |
| 2897 | 6.91E-08 | 1.92E-07 | 2.61E-07 |
| 2898 | 7.14E-08 | 1.98E-07 | 2.69E-07 |
| 2899 | 7.34E-08 | 2.03E-07 | 2.76E-07 |
| 2900 | 7.56E-08 | 2.09E-07 | 2.85E-07 |
| 2901 | 7.65E-08 | 2.12E-07 | 2.89E-07 |
| 2902 | 7.90E-08 | 2.18E-07 | 2.97E-07 |

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| 2903 | 7.93E-08 | 2.20E-07 | 2.99E-07 |
| 2904 | 8.10E-08 | 2.24E-07 | 3.05E-07 |
| 2905 | 8.34E-08 | 2.30E-07 | 3.13E-07 |
| 2906 | 8.63E-08 | 2.38E-07 | 3.24E-07 |
| 2907 | 8.72E-08 | 2.40E-07 | 3.27E-07 |
| 2908 | 8.78E-08 | 2.42E-07 | 3.30E-07 |
| 2909 | 9.29E-08 | 2.54E-07 | 3.47E-07 |
| 2910 | 9.60E-08 | 2.62E-07 | 3.58E-07 |
| 2911 | 9.99E-08 | 2.72E-07 | 3.72E-07 |
| 2912 | 1.02E-07 | 2.79E-07 | 3.81E-07 |
| 2913 | 9.51E-08 | 2.63E-07 | 3.58E-07 |
| 2914 | 1.04E-07 | 2.85E-07 | 3.89E-07 |
| 2915 | 1.10E-07 | 2.97E-07 | 4.07E-07 |
| 2916 | 1.11E-07 | 3.00E-07 | 4.11E-07 |
| 2917 | 1.11E-07 | 2.99E-07 | 4.10E-07 |
| 2918 | 1.11E-07 | 2.99E-07 | 4.10E-07 |
| 2919 | 1.11E-07 | 3.01E-07 | 4.12E-07 |
| 2920 | 1.13E-07 | 3.05E-07 | 4.18E-07 |
| 2921 | 1.13E-07 | 3.06E-07 | 4.19E-07 |
| 2922 | 1.14E-07 | 3.09E-07 | 4.23E-07 |
| 2923 | 1.13E-07 | 3.07E-07 | 4.20E-07 |
| 2924 | 1.16E-07 | 3.13E-07 | 4.29E-07 |
| 2925 | 1.15E-07 | 3.12E-07 | 4.27E-07 |
| 2926 | 1.14E-07 | 3.09E-07 | 4.23E-07 |
| 2927 | 1.14E-07 | 3.10E-07 | 4.24E-07 |
| 2928 | 1.14E-07 | 3.08E-07 | 4.22E-07 |
| 2929 | 1.10E-07 | 2.99E-07 | 4.09E-07 |
| 2930 | 1.06E-07 | 2.91E-07 | 3.97E-07 |
| 2931 | 1.04E-07 | 2.84E-07 | 3.88E-07 |
| 2932 | 9.95E-08 | 2.74E-07 | 3.74E-07 |
| 2933 | 9.66E-08 | 2.67E-07 | 3.64E-07 |
| 2934 | 9.37E-08 | 2.59E-07 | 3.53E-07 |
| 2935 | 9.08E-08 | 2.52E-07 | 3.43E-07 |
| 2936 | 8.76E-08 | 2.44E-07 | 3.32E-07 |
| 2937 | 8.22E-08 | 2.32E-07 | 3.14E-07 |
| 2938 | 8.02E-08 | 2.26E-07 | 3.06E-07 |
| 2939 | 7.91E-08 | 2.24E-07 | 3.03E-07 |
| 2940 | 7.70E-08 | 2.19E-07 | 2.96E-07 |
| 2941 | 7.52E-08 | 2.14E-07 | 2.89E-07 |
| 2942 | 7.42E-08 | 2.10E-07 | 2.84E-07 |
| 2943 | 7.18E-08 | 2.04E-07 | 2.76E-07 |
| 2944 | 6.95E-08 | 1.98E-07 | 2.68E-07 |
| 2945 | 6.77E-08 | 1.93E-07 | 2.61E-07 |
| 2946 | 6.57E-08 | 1.88E-07 | 2.54E-07 |

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| 2947 | 6.37E-08 | 1.83E-07 | 2.47E-07 |
| 2948 | 4.72E-08 | 1.36E-07 | 1.83E-07 |
| 2949 | 5.00E-08 | 1.43E-07 | 1.93E-07 |
| 2950 | 5.19E-08 | 1.47E-07 | 1.99E-07 |
| 2951 | 5.39E-08 | 1.53E-07 | 2.07E-07 |
| 2952 | 5.54E-08 | 1.56E-07 | 2.11E-07 |
| 2953 | 5.71E-08 | 1.61E-07 | 2.18E-07 |
| 2954 | 5.85E-08 | 1.65E-07 | 2.24E-07 |
| 2955 | 6.05E-08 | 1.70E-07 | 2.31E-07 |
| 2956 | 6.24E-08 | 1.75E-07 | 2.37E-07 |
| 2957 | 6.44E-08 | 1.80E-07 | 2.44E-07 |
| 2958 | 6.66E-08 | 1.86E-07 | 2.53E-07 |
| 2959 | 6.88E-08 | 1.91E-07 | 2.60E-07 |
| 2960 | 7.07E-08 | 1.96E-07 | 2.67E-07 |
| 2961 | 7.27E-08 | 2.02E-07 | 2.75E-07 |
| 2962 | 7.35E-08 | 2.04E-07 | 2.78E-07 |
| 2963 | 7.55E-08 | 2.09E-07 | 2.85E-07 |
| 2964 | 7.58E-08 | 2.10E-07 | 2.86E-07 |
| 2965 | 7.70E-08 | 2.14E-07 | 2.91E-07 |
| 2966 | 7.92E-08 | 2.20E-07 | 2.99E-07 |
| 2967 | 8.13E-08 | 2.25E-07 | 3.06E-07 |
| 2968 | 8.26E-08 | 2.28E-07 | 3.11E-07 |
| 2969 | 8.49E-08 | 2.34E-07 | 3.19E-07 |
| 2970 | 8.83E-08 | 2.42E-07 | 3.30E-07 |
| 2971 | 9.16E-08 | 2.51E-07 | 3.43E-07 |
| 2972 | 9.45E-08 | 2.59E-07 | 3.54E-07 |
| 2973 | 9.34E-08 | 2.57E-07 | 3.50E-07 |
| 2974 | 9.05E-08 | 2.51E-07 | 3.42E-07 |
| 2975 | 9.78E-08 | 2.68E-07 | 3.66E-07 |
| 2976 | 1.04E-07 | 2.83E-07 | 3.87E-07 |
| 2977 | 1.05E-07 | 2.85E-07 | 3.90E-07 |
| 2978 | 1.05E-07 | 2.86E-07 | 3.91E-07 |
| 2979 | 1.06E-07 | 2.87E-07 | 3.93E-07 |
| 2980 | 1.06E-07 | 2.87E-07 | 3.93E-07 |
| 2981 | 1.06E-07 | 2.88E-07 | 3.94E-07 |
| 2982 | 1.07E-07 | 2.90E-07 | 3.97E-07 |
| 2983 | 1.08E-07 | 2.93E-07 | 4.01E-07 |
| 2984 | 1.08E-07 | 2.94E-07 | 4.02E-07 |
| 2985 | 1.09E-07 | 2.97E-07 | 4.06E-07 |
| 2986 | 1.10E-07 | 2.99E-07 | 4.09E-07 |
| 2987 | 1.11E-07 | 3.00E-07 | 4.11E-07 |
| 2988 | 1.11E-07 | 3.01E-07 | 4.12E-07 |
| 2989 | 1.09E-07 | 2.97E-07 | 4.06E-07 |
| 2990 | 1.07E-07 | 2.90E-07 | 3.97E-07 |

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| 2991 | 1.05E-07 | 2.86E-07 | 3.91E-07 |
| 2992 | 1.03E-07 | 2.81E-07 | 3.84E-07 |
| 2993 | 9.98E-08 | 2.73E-07 | 3.73E-07 |
| 2994 | 9.57E-08 | 2.63E-07 | 3.59E-07 |
| 2995 | 9.14E-08 | 2.53E-07 | 3.44E-07 |
| 2996 | 8.70E-08 | 2.42E-07 | 3.29E-07 |
| 2997 | 8.50E-08 | 2.37E-07 | 3.22E-07 |
| 2998 | 8.20E-08 | 2.30E-07 | 3.12E-07 |
| 2999 | 7.87E-08 | 2.23E-07 | 3.02E-07 |
| 3000 | 7.54E-08 | 2.13E-07 | 2.88E-07 |
| 3001 | 7.39E-08 | 2.10E-07 | 2.84E-07 |
| 3002 | 7.22E-08 | 2.06E-07 | 2.78E-07 |
| 3003 | 7.20E-08 | 2.04E-07 | 2.76E-07 |
| 3004 | 7.03E-08 | 2.00E-07 | 2.70E-07 |
| 3005 | 6.84E-08 | 1.94E-07 | 2.62E-07 |
| 3006 | 6.60E-08 | 1.88E-07 | 2.54E-07 |
| 3007 | 6.39E-08 | 1.83E-07 | 2.47E-07 |
| 3008 | 6.28E-08 | 1.79E-07 | 2.42E-07 |
| 3009 | 4.55E-08 | 1.31E-07 | 1.77E-07 |
| 3010 | 4.81E-08 | 1.38E-07 | 1.86E-07 |
| 3011 | 5.00E-08 | 1.42E-07 | 1.92E-07 |
| 3012 | 5.22E-08 | 1.48E-07 | 2.00E-07 |
| 3013 | 5.36E-08 | 1.52E-07 | 2.06E-07 |
| 3014 | 5.53E-08 | 1.56E-07 | 2.11E-07 |
| 3015 | 5.67E-08 | 1.60E-07 | 2.17E-07 |
| 3016 | 5.88E-08 | 1.65E-07 | 2.24E-07 |
| 3017 | 6.06E-08 | 1.70E-07 | 2.31E-07 |
| 3018 | 6.23E-08 | 1.74E-07 | 2.36E-07 |
| 3019 | 6.43E-08 | 1.80E-07 | 2.44E-07 |
| 3020 | 6.63E-08 | 1.85E-07 | 2.51E-07 |
| 3021 | 6.80E-08 | 1.89E-07 | 2.57E-07 |
| 3022 | 7.00E-08 | 1.95E-07 | 2.65E-07 |
| 3023 | 7.08E-08 | 1.97E-07 | 2.68E-07 |
| 3024 | 7.26E-08 | 2.02E-07 | 2.75E-07 |
| 3025 | 7.27E-08 | 2.02E-07 | 2.75E-07 |
| 3026 | 7.42E-08 | 2.06E-07 | 2.80E-07 |
| 3027 | 7.56E-08 | 2.10E-07 | 2.86E-07 |
| 3028 | 7.74E-08 | 2.15E-07 | 2.92E-07 |
| 3029 | 7.91E-08 | 2.19E-07 | 2.98E-07 |
| 3030 | 8.18E-08 | 2.26E-07 | 3.08E-07 |
| 3031 | 8.45E-08 | 2.33E-07 | 3.18E-07 |
| 3032 | 8.82E-08 | 2.42E-07 | 3.30E-07 |
| 3033 | 8.73E-08 | 2.41E-07 | 3.28E-07 |
| 3034 | 8.68E-08 | 2.40E-07 | 3.27E-07 |

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| 3035 | 9.01E-08 | 2.48E-07 | 3.38E-07 |
| 3036 | 9.67E-08 | 2.64E-07 | 3.61E-07 |
| 3037 | 9.89E-08 | 2.69E-07 | 3.68E-07 |
| 3038 | 9.99E-08 | 2.72E-07 | 3.72E-07 |
| 3039 | 1.00E-07 | 2.73E-07 | 3.73E-07 |
| 3040 | 1.01E-07 | 2.74E-07 | 3.75E-07 |
| 3041 | 1.01E-07 | 2.74E-07 | 3.75E-07 |
| 3042 | 1.01E-07 | 2.74E-07 | 3.75E-07 |
| 3043 | 1.01E-07 | 2.76E-07 | 3.77E-07 |
| 3044 | 1.02E-07 | 2.78E-07 | 3.80E-07 |
| 3045 | 1.04E-07 | 2.82E-07 | 3.86E-07 |
| 3046 | 1.05E-07 | 2.85E-07 | 3.90E-07 |
| 3047 | 1.06E-07 | 2.87E-07 | 3.93E-07 |
| 3048 | 1.07E-07 | 2.89E-07 | 3.96E-07 |
| 3049 | 1.07E-07 | 2.89E-07 | 3.96E-07 |
| 3050 | 1.06E-07 | 2.86E-07 | 3.92E-07 |
| 3051 | 1.04E-07 | 2.83E-07 | 3.87E-07 |
| 3052 | 1.03E-07 | 2.80E-07 | 3.83E-07 |
| 3053 | 1.01E-07 | 2.75E-07 | 3.76E-07 |
| 3054 | 9.82E-08 | 2.68E-07 | 3.66E-07 |
| 3055 | 9.56E-08 | 2.61E-07 | 3.57E-07 |
| 3056 | 9.24E-08 | 2.53E-07 | 3.45E-07 |
| 3057 | 8.98E-08 | 2.47E-07 | 3.37E-07 |
| 3058 | 8.56E-08 | 2.37E-07 | 3.23E-07 |
| 3059 | 8.24E-08 | 2.29E-07 | 3.11E-07 |
| 3060 | 7.87E-08 | 2.20E-07 | 2.99E-07 |
| 3061 | 7.51E-08 | 2.12E-07 | 2.87E-07 |
| 3062 | 7.24E-08 | 2.05E-07 | 2.77E-07 |
| 3063 | 7.00E-08 | 2.00E-07 | 2.70E-07 |
| 3064 | 6.96E-08 | 1.98E-07 | 2.68E-07 |
| 3065 | 6.82E-08 | 1.93E-07 | 2.61E-07 |
| 3066 | 6.65E-08 | 1.89E-07 | 2.56E-07 |
| 3067 | 6.45E-08 | 1.84E-07 | 2.49E-07 |
| 3068 | 6.26E-08 | 1.79E-07 | 2.42E-07 |
| 3069 | 6.05E-08 | 1.73E-07 | 2.34E-07 |
| 3070 | 3.13E-08 | 2.07E-07 | 2.38E-07 |
| 3071 | 3.26E-08 | 2.28E-07 | 2.61E-07 |
| 3072 | 3.40E-08 | 2.45E-07 | 2.79E-07 |
| 3073 | 3.55E-08 | 2.61E-07 | 2.97E-07 |
| 3074 | 3.70E-08 | 2.74E-07 | 3.11E-07 |
| 3075 | 3.85E-08 | 2.85E-07 | 3.24E-07 |
| 3076 | 4.01E-08 | 2.94E-07 | 3.34E-07 |
| 3077 | 4.17E-08 | 3.02E-07 | 3.44E-07 |
| 3078 | 4.34E-08 | 3.10E-07 | 3.53E-07 |

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| 3079 | 4.50E-08 | 3.18E-07 | 3.63E-07 |
| 3080 | 4.59E-08 | 3.21E-07 | 3.67E-07 |
| 3081 | 4.59E-08 | 3.26E-07 | 3.72E-07 |
| 3082 | 4.44E-08 | 3.24E-07 | 3.68E-07 |
| 3083 | 4.34E-08 | 3.23E-07 | 3.66E-07 |
| 3084 | 4.18E-08 | 3.20E-07 | 3.62E-07 |
| 3085 | 4.36E-08 | 3.17E-07 | 3.61E-07 |
| 3086 | 4.10E-08 | 3.04E-07 | 3.45E-07 |
| 3087 | 3.98E-08 | 2.88E-07 | 3.28E-07 |
| 3088 | 3.77E-08 | 2.19E-07 | 2.57E-07 |
| 3089 | 3.48E-08 | 1.82E-07 | 2.17E-07 |
| 3090 | 3.20E-08 | 1.49E-07 | 1.81E-07 |
| 3091 | 2.97E-08 | 1.30E-07 | 1.60E-07 |
| 3092 | 2.92E-08 | 1.22E-07 | 1.51E-07 |
| 3093 | 2.74E-08 | 1.11E-07 | 1.38E-07 |
| 3094 | 2.67E-08 | 1.05E-07 | 1.32E-07 |
| 3095 | 2.86E-08 | 1.08E-07 | 1.37E-07 |
| 3096 | 3.05E-08 | 1.13E-07 | 1.44E-07 |
| 3097 | 2.66E-08 | 9.71E-08 | 1.24E-07 |
| 3098 | 2.53E-08 | 9.07E-08 | 1.16E-07 |
| 3099 | 2.54E-08 | 8.94E-08 | 1.15E-07 |
| 3100 | 2.49E-08 | 8.64E-08 | 1.11E-07 |
| 3101 | 2.42E-08 | 8.23E-08 | 1.07E-07 |
| 3102 | 2.45E-08 | 8.20E-08 | 1.07E-07 |
| 3103 | 2.38E-08 | 7.85E-08 | 1.02E-07 |
| 3104 | 2.37E-08 | 7.66E-08 | 1.00E-07 |
| 3105 | 2.38E-08 | 7.61E-08 | 9.99E-08 |
| 3106 | 2.40E-08 | 7.62E-08 | 1.00E-07 |
| 3107 | 2.47E-08 | 7.78E-08 | 1.03E-07 |
| 3108 | 2.57E-08 | 8.04E-08 | 1.06E-07 |
| 3109 | 3.26E-08 | 2.75E-07 | 3.08E-07 |
| 3110 | 3.40E-08 | 3.08E-07 | 3.42E-07 |
| 3111 | 3.55E-08 | 3.35E-07 | 3.71E-07 |
| 3112 | 3.71E-08 | 3.56E-07 | 3.93E-07 |
| 3113 | 3.88E-08 | 3.72E-07 | 4.11E-07 |
| 3114 | 4.05E-08 | 3.84E-07 | 4.25E-07 |
| 3115 | 4.23E-08 | 3.94E-07 | 4.36E-07 |
| 3116 | 4.41E-08 | 4.03E-07 | 4.47E-07 |
| 3117 | 4.60E-08 | 4.11E-07 | 4.57E-07 |
| 3118 | 4.79E-08 | 4.19E-07 | 4.67E-07 |
| 3119 | 4.97E-08 | 4.32E-07 | 4.82E-07 |
| 3120 | 5.10E-08 | 4.38E-07 | 4.89E-07 |
| 3121 | 4.95E-08 | 4.42E-07 | 4.92E-07 |
| 3122 | 4.75E-08 | 4.41E-07 | 4.89E-07 |

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| 3123 | 4.72E-08 | 4.38E-07 | 4.85E-07 |
| 3124 | 4.65E-08 | 4.30E-07 | 4.77E-07 |
| 3125 | 4.46E-08 | 4.13E-07 | 4.58E-07 |
| 3126 | 4.24E-08 | 3.81E-07 | 4.23E-07 |
| 3127 | 3.87E-08 | 2.37E-07 | 2.76E-07 |
| 3128 | 3.55E-08 | 1.83E-07 | 2.19E-07 |
| 3129 | 2.83E-08 | 1.32E-07 | 1.60E-07 |
| 3130 | 2.67E-08 | 1.19E-07 | 1.46E-07 |
| 3131 | 2.66E-08 | 1.13E-07 | 1.40E-07 |
| 3132 | 2.64E-08 | 1.07E-07 | 1.33E-07 |
| 3133 | 2.59E-08 | 1.02E-07 | 1.28E-07 |
| 3134 | 2.68E-08 | 1.02E-07 | 1.29E-07 |
| 3135 | 2.97E-08 | 1.09E-07 | 1.39E-07 |
| 3136 | 2.86E-08 | 1.03E-07 | 1.32E-07 |
| 3137 | 2.62E-08 | 9.28E-08 | 1.19E-07 |
| 3138 | 2.66E-08 | 9.24E-08 | 1.19E-07 |
| 3139 | 2.61E-08 | 8.89E-08 | 1.15E-07 |
| 3140 | 2.54E-08 | 8.49E-08 | 1.10E-07 |
| 3141 | 2.59E-08 | 8.52E-08 | 1.11E-07 |
| 3142 | 2.59E-08 | 8.37E-08 | 1.10E-07 |
| 3143 | 2.59E-08 | 8.24E-08 | 1.08E-07 |
| 3144 | 2.62E-08 | 8.28E-08 | 1.09E-07 |
| 3145 | 2.65E-08 | 8.32E-08 | 1.10E-07 |
| 3146 | 2.73E-08 | 8.49E-08 | 1.12E-07 |
| 3147 | 2.78E-08 | 8.57E-08 | 1.14E-07 |
| 3148 | 3.39E-08 | 4.71E-07 | 5.05E-07 |
| 3149 | 3.55E-08 | 5.34E-07 | 5.70E-07 |
| 3150 | 3.71E-08 | 5.81E-07 | 6.18E-07 |
| 3151 | 3.89E-08 | 6.21E-07 | 6.60E-07 |
| 3152 | 4.07E-08 | 6.44E-07 | 6.85E-07 |
| 3153 | 4.26E-08 | 6.53E-07 | 6.96E-07 |
| 3154 | 4.46E-08 | 6.64E-07 | 7.09E-07 |
| 3155 | 4.67E-08 | 6.74E-07 | 7.21E-07 |
| 3156 | 4.88E-08 | 6.79E-07 | 7.28E-07 |
| 3157 | 5.10E-08 | 6.92E-07 | 7.43E-07 |
| 3158 | 5.32E-08 | 7.34E-07 | 7.87E-07 |
| 3159 | 4.98E-08 | 7.89E-07 | 8.39E-07 |
| 3160 | 4.75E-08 | 8.48E-07 | 8.96E-07 |
| 3161 | 4.68E-08 | 8.60E-07 | 9.07E-07 |
| 3162 | 4.14E-08 | 2.64E-07 | 3.05E-07 |
| 3163 | 3.89E-08 | 2.07E-07 | 2.46E-07 |
| 3164 | 3.51E-08 | 1.64E-07 | 1.99E-07 |
| 3165 | 3.06E-08 | 1.35E-07 | 1.66E-07 |
| 3166 | 2.87E-08 | 1.21E-07 | 1.50E-07 |

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| 3167 | 2.79E-08 | 1.13E-07 | 1.41E-07 |
| 3168 | 2.78E-08 | 1.08E-07 | 1.36E-07 |
| 3169 | 2.83E-08 | 1.06E-07 | 1.34E-07 |
| 3170 | 2.90E-08 | 1.06E-07 | 1.35E-07 |
| 3171 | 2.87E-08 | 1.02E-07 | 1.31E-07 |
| 3172 | 2.83E-08 | 9.89E-08 | 1.27E-07 |
| 3173 | 2.84E-08 | 9.73E-08 | 1.26E-07 |
| 3174 | 2.80E-08 | 9.37E-08 | 1.22E-07 |
| 3175 | 2.78E-08 | 9.11E-08 | 1.19E-07 |
| 3176 | 2.80E-08 | 9.04E-08 | 1.18E-07 |
| 3177 | 2.81E-08 | 8.94E-08 | 1.18E-07 |
| 3178 | 2.81E-08 | 8.81E-08 | 1.16E-07 |
| 3179 | 2.87E-08 | 8.97E-08 | 1.18E-07 |
| 3180 | 2.96E-08 | 9.18E-08 | 1.21E-07 |
| 3181 | 3.00E-08 | 9.21E-08 | 1.22E-07 |
| 3182 | 2.94E-08 | 8.94E-08 | 1.19E-07 |
| 3183 | 4.84E-08 | 1.29E-06 | 1.34E-06 |
| 3184 | 4.54E-08 | 1.22E-06 | 1.27E-06 |
| 3185 | 4.91E-08 | 1.09E-06 | 1.14E-06 |
| 3186 | 5.69E-08 | 9.40E-07 | 9.97E-07 |
| 3187 | 5.08E-08 | 8.62E-07 | 9.13E-07 |
| 3188 | 4.22E-08 | 8.67E-07 | 9.09E-07 |
| 3189 | 3.88E-08 | 7.56E-07 | 7.95E-07 |
| 3190 | 4.33E-08 | 8.08E-07 | 8.51E-07 |
| 3191 | 4.76E-08 | 8.02E-07 | 8.50E-07 |
| 3192 | 4.75E-08 | 4.46E-07 | 4.94E-07 |
| 3193 | 4.55E-08 | 3.15E-07 | 3.61E-07 |
| 3194 | 4.01E-08 | 2.16E-07 | 2.56E-07 |
| 3195 | 3.92E-08 | 1.88E-07 | 2.27E-07 |
| 3196 | 3.78E-08 | 1.66E-07 | 2.04E-07 |
| 3197 | 3.41E-08 | 1.42E-07 | 1.76E-07 |
| 3198 | 3.15E-08 | 1.26E-07 | 1.58E-07 |
| 3199 | 3.05E-08 | 1.17E-07 | 1.48E-07 |
| 3200 | 3.06E-08 | 1.14E-07 | 1.45E-07 |
| 3201 | 3.07E-08 | 1.11E-07 | 1.42E-07 |
| 3202 | 3.06E-08 | 1.08E-07 | 1.39E-07 |
| 3203 | 3.06E-08 | 1.06E-07 | 1.37E-07 |
| 3204 | 3.05E-08 | 1.03E-07 | 1.34E-07 |
| 3205 | 3.05E-08 | 1.01E-07 | 1.32E-07 |
| 3206 | 3.05E-08 | 9.87E-08 | 1.29E-07 |
| 3207 | 3.07E-08 | 9.75E-08 | 1.28E-07 |
| 3208 | 3.06E-08 | 9.60E-08 | 1.27E-07 |
| 3209 | 3.10E-08 | 9.64E-08 | 1.27E-07 |
| 3210 | 3.18E-08 | 9.83E-08 | 1.30E-07 |

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| 3211 | 3.26E-08 | 1.00E-07 | 1.33E-07 |
| 3212 | 3.29E-08 | 9.99E-08 | 1.33E-07 |
| 3213 | 3.22E-08 | 9.71E-08 | 1.29E-07 |
| 3214 | 3.67E-08 | 3.94E-07 | 4.31E-07 |
| 3215 | 3.85E-08 | 4.34E-07 | 4.73E-07 |
| 3216 | 4.05E-08 | 4.59E-07 | 5.00E-07 |
| 3217 | 4.26E-08 | 4.73E-07 | 5.16E-07 |
| 3218 | 4.49E-08 | 4.84E-07 | 5.29E-07 |
| 3219 | 4.73E-08 | 4.86E-07 | 5.33E-07 |
| 3220 | 4.98E-08 | 4.90E-07 | 5.40E-07 |
| 3221 | 5.25E-08 | 4.96E-07 | 5.49E-07 |
| 3222 | 5.52E-08 | 4.96E-07 | 5.51E-07 |
| 3223 | 5.81E-08 | 4.90E-07 | 5.48E-07 |
| 3224 | 6.11E-08 | 4.88E-07 | 5.49E-07 |
| 3225 | 5.48E-08 | 4.74E-07 | 5.29E-07 |
| 3226 | 4.22E-08 | 4.43E-07 | 4.85E-07 |
| 3227 | 3.12E-08 | 2.75E-07 | 3.06E-07 |
| 3228 | 3.91E-08 | 3.79E-07 | 4.18E-07 |
| 3229 | 5.48E-08 | 4.87E-07 | 5.42E-07 |
| 3230 | 5.70E-08 | 5.37E-07 | 5.94E-07 |
| 3231 | 5.64E-08 | 6.79E-07 | 7.35E-07 |
| 3232 | 5.18E-08 | 6.11E-07 | 6.63E-07 |
| 3233 | 4.91E-08 | 3.68E-07 | 4.17E-07 |
| 3234 | 4.25E-08 | 2.32E-07 | 2.75E-07 |
| 3235 | 3.68E-08 | 1.78E-07 | 2.15E-07 |
| 3236 | 3.63E-08 | 1.61E-07 | 1.97E-07 |
| 3237 | 3.56E-08 | 1.49E-07 | 1.85E-07 |
| 3238 | 3.39E-08 | 1.35E-07 | 1.69E-07 |
| 3239 | 3.35E-08 | 1.28E-07 | 1.62E-07 |
| 3240 | 3.32E-08 | 1.22E-07 | 1.55E-07 |
| 3241 | 3.32E-08 | 1.18E-07 | 1.51E-07 |
| 3242 | 3.32E-08 | 1.16E-07 | 1.49E-07 |
| 3243 | 3.34E-08 | 1.13E-07 | 1.46E-07 |
| 3244 | 3.33E-08 | 1.10E-07 | 1.43E-07 |
| 3245 | 3.35E-08 | 1.09E-07 | 1.43E-07 |
| 3246 | 3.38E-08 | 1.07E-07 | 1.41E-07 |
| 3247 | 3.38E-08 | 1.06E-07 | 1.40E-07 |
| 3248 | 3.41E-08 | 1.06E-07 | 1.40E-07 |
| 3249 | 3.47E-08 | 1.07E-07 | 1.42E-07 |
| 3250 | 3.57E-08 | 1.09E-07 | 1.45E-07 |
| 3251 | 3.57E-08 | 1.08E-07 | 1.44E-07 |
| 3252 | 3.58E-08 | 1.08E-07 | 1.44E-07 |
| 3253 | 3.48E-08 | 1.04E-07 | 1.39E-07 |
| 3254 | 3.81E-08 | 2.65E-07 | 3.03E-07 |

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| 3255 | 4.01E-08 | 2.91E-07 | 3.31E-07 |
| 3256 | 4.23E-08 | 3.11E-07 | 3.53E-07 |
| 3257 | 4.47E-08 | 3.27E-07 | 3.72E-07 |
| 3258 | 4.72E-08 | 3.39E-07 | 3.86E-07 |
| 3259 | 3.93E-08 | 1.19E-07 | 1.58E-07 |
| 3260 | 3.95E-08 | 1.19E-07 | 1.59E-07 |
| 3261 | 3.97E-08 | 1.19E-07 | 1.59E-07 |
| 3262 | 3.91E-08 | 1.16E-07 | 1.55E-07 |
| 3263 | 3.77E-08 | 1.12E-07 | 1.50E-07 |
| 3264 | 3.95E-08 | 2.17E-07 | 2.57E-07 |
| 3265 | 4.18E-08 | 2.36E-07 | 2.78E-07 |
| 3266 | 4.42E-08 | 2.53E-07 | 2.97E-07 |
| 3267 | 4.68E-08 | 2.67E-07 | 3.14E-07 |
| 3268 | 4.95E-08 | 2.80E-07 | 3.30E-07 |
| 3269 | 4.36E-08 | 1.31E-07 | 1.75E-07 |
| 3270 | 4.40E-08 | 1.31E-07 | 1.75E-07 |
| 3271 | 4.38E-08 | 1.30E-07 | 1.74E-07 |
| 3272 | 4.26E-08 | 1.26E-07 | 1.69E-07 |
| 3273 | 4.04E-08 | 1.18E-07 | 1.58E-07 |
| 3274 | 4.10E-08 | 1.95E-07 | 2.36E-07 |
| 3275 | 4.34E-08 | 2.09E-07 | 2.52E-07 |
| 3276 | 4.60E-08 | 2.24E-07 | 2.70E-07 |
| 3277 | 4.89E-08 | 2.37E-07 | 2.86E-07 |
| 3278 | 5.19E-08 | 2.49E-07 | 3.01E-07 |
| 3279 | 4.84E-08 | 1.43E-07 | 1.91E-07 |
| 3280 | 4.79E-08 | 1.41E-07 | 1.89E-07 |
| 3281 | 4.75E-08 | 1.39E-07 | 1.87E-07 |
| 3282 | 4.65E-08 | 1.36E-07 | 1.83E-07 |
| 3283 | 4.36E-08 | 1.27E-07 | 1.71E-07 |
| 3284 | 4.25E-08 | 1.82E-07 | 2.25E-07 |
| 3285 | 4.51E-08 | 1.95E-07 | 2.40E-07 |
| 3286 | 4.80E-08 | 2.08E-07 | 2.56E-07 |
| 3287 | 5.11E-08 | 2.21E-07 | 2.72E-07 |
| 3288 | 5.45E-08 | 2.33E-07 | 2.88E-07 |
| 3289 | 5.38E-08 | 1.57E-07 | 2.11E-07 |
| 3290 | 5.17E-08 | 1.50E-07 | 2.02E-07 |
| 3291 | 5.11E-08 | 1.48E-07 | 1.99E-07 |
| 3292 | 5.02E-08 | 1.46E-07 | 1.96E-07 |
| 3293 | 4.72E-08 | 1.37E-07 | 1.84E-07 |
| 3294 | 4.39E-08 | 1.75E-07 | 2.19E-07 |
| 3295 | 4.67E-08 | 1.87E-07 | 2.34E-07 |
| 3296 | 4.99E-08 | 1.99E-07 | 2.49E-07 |
| 3297 | 5.33E-08 | 2.12E-07 | 2.65E-07 |
| 3298 | 5.70E-08 | 2.25E-07 | 2.82E-07 |

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| 3299 | 5.99E-08 | 1.72E-07 | 2.32E-07 |
| 3300 | 5.59E-08 | 1.60E-07 | 2.16E-07 |
| 3301 | 5.40E-08 | 1.54E-07 | 2.08E-07 |
| 3302 | 5.34E-08 | 1.54E-07 | 2.07E-07 |
| 3303 | 5.08E-08 | 1.46E-07 | 1.97E-07 |
| 3304 | 4.53E-08 | 1.70E-07 | 2.15E-07 |
| 3305 | 4.84E-08 | 1.82E-07 | 2.30E-07 |
| 3306 | 5.18E-08 | 1.94E-07 | 2.46E-07 |
| 3307 | 5.55E-08 | 2.07E-07 | 2.63E-07 |
| 3308 | 5.96E-08 | 2.20E-07 | 2.80E-07 |
| 3309 | 6.53E-08 | 1.85E-07 | 2.50E-07 |
| 3310 | 6.02E-08 | 1.70E-07 | 2.30E-07 |
| 3311 | 5.77E-08 | 1.63E-07 | 2.21E-07 |
| 3312 | 5.52E-08 | 1.57E-07 | 2.12E-07 |
| 3313 | 5.25E-08 | 1.50E-07 | 2.03E-07 |
| 3314 | 4.67E-08 | 1.68E-07 | 2.15E-07 |
| 3315 | 5.00E-08 | 1.79E-07 | 2.29E-07 |
| 3316 | 5.37E-08 | 1.91E-07 | 2.45E-07 |
| 3317 | 5.77E-08 | 2.04E-07 | 2.62E-07 |
| 3318 | 6.23E-08 | 2.20E-07 | 2.82E-07 |
| 3319 | 6.97E-08 | 1.95E-07 | 2.65E-07 |
| 3320 | 6.30E-08 | 1.75E-07 | 2.38E-07 |
| 3321 | 5.93E-08 | 1.66E-07 | 2.25E-07 |
| 3322 | 5.64E-08 | 1.60E-07 | 2.16E-07 |
| 3323 | 5.32E-08 | 1.53E-07 | 2.06E-07 |
| 3324 | 4.81E-08 | 1.67E-07 | 2.15E-07 |
| 3325 | 5.16E-08 | 1.78E-07 | 2.30E-07 |
| 3326 | 5.55E-08 | 1.90E-07 | 2.46E-07 |
| 3327 | 5.99E-08 | 2.04E-07 | 2.64E-07 |
| 3328 | 6.48E-08 | 2.19E-07 | 2.84E-07 |
| 3329 | 7.14E-08 | 1.97E-07 | 2.68E-07 |
| 3330 | 6.31E-08 | 1.75E-07 | 2.38E-07 |
| 3331 | 5.90E-08 | 1.66E-07 | 2.25E-07 |
| 3332 | 5.63E-08 | 1.60E-07 | 2.16E-07 |
| 3333 | 5.46E-08 | 1.57E-07 | 2.12E-07 |
| 3334 | 4.94E-08 | 1.66E-07 | 2.15E-07 |
| 3335 | 5.31E-08 | 1.78E-07 | 2.31E-07 |
| 3336 | 5.72E-08 | 1.90E-07 | 2.47E-07 |
| 3337 | 6.19E-08 | 2.04E-07 | 2.66E-07 |
| 3338 | 6.72E-08 | 2.20E-07 | 2.87E-07 |
| 3339 | 7.25E-08 | 2.01E-07 | 2.74E-07 |
| 3340 | 6.54E-08 | 1.82E-07 | 2.47E-07 |
| 3341 | 6.03E-08 | 1.68E-07 | 2.28E-07 |
| 3342 | 5.78E-08 | 1.62E-07 | 2.20E-07 |

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| 3343 | 5.64E-08 | 1.60E-07 | 2.16E-07 |
| 3344 | 5.05E-08 | 1.66E-07 | 2.17E-07 |
| 3345 | 5.45E-08 | 1.78E-07 | 2.33E-07 |
| 3346 | 5.88E-08 | 1.90E-07 | 2.49E-07 |
| 3347 | 6.39E-08 | 2.05E-07 | 2.69E-07 |
| 3348 | 6.95E-08 | 2.21E-07 | 2.91E-07 |
| 3349 | 7.44E-08 | 2.04E-07 | 2.78E-07 |
| 3350 | 6.86E-08 | 1.88E-07 | 2.57E-07 |
| 3351 | 6.28E-08 | 1.73E-07 | 2.36E-07 |
| 3352 | 5.79E-08 | 1.61E-07 | 2.19E-07 |
| 3353 | 5.58E-08 | 1.58E-07 | 2.14E-07 |
| 3354 | 5.16E-08 | 1.66E-07 | 2.18E-07 |
| 3355 | 5.57E-08 | 1.78E-07 | 2.34E-07 |
| 3356 | 6.04E-08 | 1.92E-07 | 2.52E-07 |
| 3357 | 6.56E-08 | 2.07E-07 | 2.73E-07 |
| 3358 | 7.17E-08 | 2.23E-07 | 2.95E-07 |
| 3359 | 7.47E-08 | 2.03E-07 | 2.78E-07 |
| 3360 | 6.78E-08 | 1.87E-07 | 2.55E-07 |
| 3361 | 6.13E-08 | 1.71E-07 | 2.32E-07 |
| 3362 | 5.59E-08 | 1.59E-07 | 2.15E-07 |
| 3363 | 5.26E-08 | 1.52E-07 | 2.05E-07 |
| 3364 | 5.25E-08 | 1.67E-07 | 2.20E-07 |
| 3365 | 5.68E-08 | 1.79E-07 | 2.36E-07 |
| 3366 | 6.17E-08 | 1.93E-07 | 2.55E-07 |
| 3367 | 6.72E-08 | 2.08E-07 | 2.75E-07 |
| 3368 | 7.35E-08 | 2.25E-07 | 2.99E-07 |
| 3369 | 6.99E-08 | 1.96E-07 | 2.66E-07 |
| 3370 | 6.35E-08 | 1.81E-07 | 2.45E-07 |
| 3371 | 5.98E-08 | 1.73E-07 | 2.33E-07 |
| 3372 | 5.56E-08 | 1.63E-07 | 2.19E-07 |
| 3373 | 4.97E-08 | 1.46E-07 | 1.96E-07 |
| 3374 | 5.32E-08 | 1.67E-07 | 2.20E-07 |
| 3375 | 5.77E-08 | 1.79E-07 | 2.37E-07 |
| 3376 | 6.27E-08 | 1.94E-07 | 2.57E-07 |
| 3377 | 6.83E-08 | 2.08E-07 | 2.76E-07 |
| 3378 | 7.50E-08 | 2.27E-07 | 3.02E-07 |
| 3379 | 7.08E-08 | 2.03E-07 | 2.74E-07 |
| 3380 | 6.59E-08 | 1.91E-07 | 2.57E-07 |
| 3381 | 6.16E-08 | 1.79E-07 | 2.41E-07 |
| 3382 | 5.35E-08 | 1.56E-07 | 2.10E-07 |
| 3383 | 4.72E-08 | 1.38E-07 | 1.85E-07 |
| 3384 | 5.38E-08 | 1.67E-07 | 2.21E-07 |
| 3385 | 5.82E-08 | 1.79E-07 | 2.37E-07 |
| 3386 | 6.34E-08 | 1.93E-07 | 2.56E-07 |

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| 3387 | 6.92E-08 | 2.09E-07 | 2.78E-07 |
| 3388 | 7.60E-08 | 2.27E-07 | 3.03E-07 |
| 3389 | 7.65E-08 | 2.19E-07 | 2.96E-07 |
| 3390 | 7.10E-08 | 2.04E-07 | 2.75E-07 |
| 3391 | 5.79E-08 | 1.68E-07 | 2.26E-07 |
| 3392 | 5.16E-08 | 1.51E-07 | 2.03E-07 |
| 3393 | 4.57E-08 | 1.34E-07 | 1.80E-07 |
| 3394 | 5.43E-08 | 1.67E-07 | 2.21E-07 |
| 3395 | 5.89E-08 | 1.80E-07 | 2.39E-07 |
| 3396 | 6.40E-08 | 1.94E-07 | 2.58E-07 |
| 3397 | 7.00E-08 | 2.10E-07 | 2.80E-07 |
| 3398 | 7.71E-08 | 2.29E-07 | 3.06E-07 |
| 3399 | 7.91E-08 | 2.28E-07 | 3.07E-07 |
| 3400 | 7.09E-08 | 2.06E-07 | 2.77E-07 |
| 3401 | 5.51E-08 | 1.61E-07 | 2.16E-07 |
| 3402 | 4.79E-08 | 1.41E-07 | 1.89E-07 |
| 3403 | 4.36E-08 | 1.29E-07 | 1.73E-07 |
| 3404 | 5.46E-08 | 1.67E-07 | 2.22E-07 |
| 3405 | 5.93E-08 | 1.80E-07 | 2.39E-07 |
| 3406 | 6.46E-08 | 1.95E-07 | 2.60E-07 |
| 3407 | 7.08E-08 | 2.12E-07 | 2.83E-07 |
| 3408 | 7.78E-08 | 2.30E-07 | 3.08E-07 |
| 3409 | 7.82E-08 | 2.24E-07 | 3.02E-07 |
| 3410 | 8.18E-08 | 2.33E-07 | 3.15E-07 |
| 3411 | 6.45E-08 | 1.87E-07 | 2.52E-07 |
| 3412 | 5.27E-08 | 1.54E-07 | 2.07E-07 |
| 3413 | 4.45E-08 | 1.30E-07 | 1.75E-07 |
| 3414 | 5.47E-08 | 1.67E-07 | 2.22E-07 |
| 3415 | 5.93E-08 | 1.79E-07 | 2.38E-07 |
| 3416 | 6.46E-08 | 1.94E-07 | 2.59E-07 |
| 3417 | 7.08E-08 | 2.11E-07 | 2.82E-07 |
| 3418 | 7.79E-08 | 2.30E-07 | 3.08E-07 |
| 3419 | 7.69E-08 | 2.19E-07 | 2.96E-07 |
| 3420 | 8.62E-08 | 2.42E-07 | 3.28E-07 |
| 3421 | 7.54E-08 | 2.14E-07 | 2.89E-07 |
| 3422 | 5.69E-08 | 1.65E-07 | 2.22E-07 |
| 3423 | 4.71E-08 | 1.36E-07 | 1.83E-07 |
| 3424 | 5.46E-08 | 1.66E-07 | 2.21E-07 |
| 3425 | 5.92E-08 | 1.79E-07 | 2.38E-07 |
| 3426 | 6.45E-08 | 1.93E-07 | 2.58E-07 |
| 3427 | 7.06E-08 | 2.09E-07 | 2.80E-07 |
| 3428 | 7.74E-08 | 2.27E-07 | 3.04E-07 |
| 3429 | 7.85E-08 | 2.22E-07 | 3.01E-07 |
| 3430 | 8.70E-08 | 2.44E-07 | 3.31E-07 |

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| 3431 | 8.52E-08 | 2.39E-07 | 3.24E-07 |
| 3432 | 7.00E-08 | 2.00E-07 | 2.70E-07 |
| 3433 | 5.41E-08 | 1.57E-07 | 2.11E-07 |
| 3434 | 5.42E-08 | 1.64E-07 | 2.18E-07 |
| 3435 | 5.88E-08 | 1.77E-07 | 2.36E-07 |
| 3436 | 6.39E-08 | 1.90E-07 | 2.54E-07 |
| 3437 | 6.99E-08 | 2.07E-07 | 2.77E-07 |
| 3438 | 7.67E-08 | 2.24E-07 | 3.01E-07 |
| 3439 | 7.94E-08 | 2.24E-07 | 3.03E-07 |
| 3440 | 9.43E-08 | 2.63E-07 | 3.57E-07 |
| 3441 | 8.63E-08 | 2.42E-07 | 3.28E-07 |
| 3442 | 7.69E-08 | 2.17E-07 | 2.94E-07 |
| 3443 | 6.59E-08 | 1.88E-07 | 2.54E-07 |
| 3444 | 5.36E-08 | 1.62E-07 | 2.16E-07 |
| 3445 | 5.81E-08 | 1.74E-07 | 2.32E-07 |
| 3446 | 6.30E-08 | 1.87E-07 | 2.50E-07 |
| 3447 | 6.87E-08 | 2.02E-07 | 2.71E-07 |
| 3448 | 7.52E-08 | 2.19E-07 | 2.94E-07 |
| 3449 | 8.45E-08 | 2.40E-07 | 3.25E-07 |
| 3450 | 9.19E-08 | 2.59E-07 | 3.51E-07 |
| 3451 | 8.43E-08 | 2.39E-07 | 3.23E-07 |
| 3452 | 7.76E-08 | 2.21E-07 | 2.99E-07 |
| 3453 | 7.13E-08 | 2.04E-07 | 2.75E-07 |
| 3454 | 5.28E-08 | 1.59E-07 | 2.12E-07 |
| 3455 | 5.70E-08 | 1.70E-07 | 2.27E-07 |
| 3456 | 6.17E-08 | 1.82E-07 | 2.44E-07 |
| 3457 | 6.71E-08 | 1.97E-07 | 2.64E-07 |
| 3458 | 7.32E-08 | 2.13E-07 | 2.86E-07 |
| 3459 | 8.69E-08 | 2.51E-07 | 3.38E-07 |
| 3460 | 8.69E-08 | 2.52E-07 | 3.39E-07 |
| 3461 | 8.02E-08 | 2.34E-07 | 3.14E-07 |
| 3462 | 7.43E-08 | 2.17E-07 | 2.91E-07 |
| 3463 | 6.90E-08 | 2.02E-07 | 2.71E-07 |
| 3464 | 5.57E-08 | 1.64E-07 | 2.20E-07 |
| 3465 | 5.62E-08 | 1.69E-07 | 2.25E-07 |
| 3466 | 7.11E-08 | 2.03E-07 | 2.74E-07 |
| 3467 | 7.54E-08 | 2.14E-07 | 2.89E-07 |
| 3468 | 7.09E-08 | 2.05E-07 | 2.76E-07 |
| 3469 | 8.60E-08 | 2.56E-07 | 3.42E-07 |
| 3470 | 8.18E-08 | 2.47E-07 | 3.29E-07 |
| 3471 | 7.56E-08 | 2.29E-07 | 3.05E-07 |
| 3472 | 7.03E-08 | 2.13E-07 | 2.83E-07 |
| 3473 | 6.54E-08 | 1.98E-07 | 2.63E-07 |
| 3474 | 5.96E-08 | 1.72E-07 | 2.32E-07 |

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| 3475 | 6.27E-08 | 1.80E-07 | 2.43E-07 |
| 3476 | 6.93E-08 | 1.96E-07 | 2.65E-07 |
| 3477 | 7.27E-08 | 2.06E-07 | 2.79E-07 |
| 3478 | 7.11E-08 | 2.07E-07 | 2.78E-07 |
| 3479 | 8.38E-08 | 2.74E-07 | 3.58E-07 |
| 3480 | 7.73E-08 | 2.53E-07 | 3.30E-07 |
| 3481 | 7.15E-08 | 2.33E-07 | 3.05E-07 |
| 3482 | 6.64E-08 | 2.16E-07 | 2.82E-07 |
| 3483 | 6.20E-08 | 1.99E-07 | 2.61E-07 |
| 3484 | 5.85E-08 | 1.67E-07 | 2.26E-07 |
| 3485 | 6.16E-08 | 1.75E-07 | 2.37E-07 |
| 3486 | 6.50E-08 | 1.84E-07 | 2.49E-07 |
| 3487 | 6.86E-08 | 1.94E-07 | 2.63E-07 |
| 3488 | 7.12E-08 | 2.02E-07 | 2.73E-07 |
| 3489 | 6.29E-08 | 2.54E-07 | 3.17E-07 |
| 3490 | 5.88E-08 | 2.23E-07 | 2.82E-07 |
| 3491 | 5.37E-08 | 1.54E-07 | 2.08E-07 |
| 3492 | 5.68E-08 | 1.62E-07 | 2.19E-07 |
| 3493 | 5.97E-08 | 1.70E-07 | 2.30E-07 |
| 3494 | 6.29E-08 | 1.79E-07 | 2.42E-07 |
| 3495 | 6.67E-08 | 1.89E-07 | 2.56E-07 |
| 3496 | 6.04E-08 | 2.49E-07 | 3.09E-07 |
| 3497 | 4.86E-08 | 1.41E-07 | 1.90E-07 |
| 3498 | 5.13E-08 | 1.48E-07 | 1.99E-07 |
| 3499 | 5.51E-08 | 1.58E-07 | 2.13E-07 |
| 3500 | 5.88E-08 | 1.67E-07 | 2.26E-07 |
| 3501 | 6.23E-08 | 1.76E-07 | 2.38E-07 |
| 3502 | 5.81E-08 | 1.92E-07 | 2.50E-07 |
| 3503 | 5.45E-08 | 1.84E-07 | 2.39E-07 |
| 3504 | 4.45E-08 | 1.30E-07 | 1.75E-07 |
| 3505 | 4.72E-08 | 1.37E-07 | 1.84E-07 |
| 3506 | 5.10E-08 | 1.46E-07 | 1.97E-07 |
| 3507 | 5.41E-08 | 1.54E-07 | 2.08E-07 |
| 3508 | 5.69E-08 | 1.62E-07 | 2.19E-07 |
| 3509 | 6.78E-08 | 2.04E-07 | 2.72E-07 |
| 3510 | 6.37E-08 | 1.93E-07 | 2.57E-07 |
| 3511 | 5.95E-08 | 1.83E-07 | 2.43E-07 |
| 3512 | 5.57E-08 | 1.73E-07 | 2.29E-07 |
| 3513 | 5.23E-08 | 1.64E-07 | 2.16E-07 |
| 3514 | 4.07E-08 | 1.20E-07 | 1.61E-07 |
| 3515 | 4.38E-08 | 1.28E-07 | 1.72E-07 |
| 3516 | 4.69E-08 | 1.35E-07 | 1.82E-07 |
| 3517 | 4.96E-08 | 1.43E-07 | 1.93E-07 |
| 3518 | 5.21E-08 | 1.49E-07 | 2.01E-07 |

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|---|---|---|---|
| 3519 | 6.46E-08 | 1.90E-07 | 2.55E-07 |
| 3520 | 6.01E-08 | 1.79E-07 | 2.39E-07 |
| 3521 | 5.68E-08 | 1.70E-07 | 2.27E-07 |
| 3522 | 5.33E-08 | 1.61E-07 | 2.14E-07 |
| 3523 | 5.02E-08 | 1.52E-07 | 2.02E-07 |
| 3524 | 3.72E-08 | 1.10E-07 | 1.47E-07 |
| 3525 | 4.05E-08 | 1.19E-07 | 1.60E-07 |
| 3526 | 4.36E-08 | 1.27E-07 | 1.71E-07 |
| 3527 | 4.62E-08 | 1.33E-07 | 1.79E-07 |
| 3528 | 4.88E-08 | 1.40E-07 | 1.89E-07 |
| 3529 | 6.20E-08 | 1.81E-07 | 2.43E-07 |
| 3530 | 5.79E-08 | 1.70E-07 | 2.28E-07 |
| 3531 | 5.41E-08 | 1.60E-07 | 2.14E-07 |
| 3532 | 5.05E-08 | 1.51E-07 | 2.02E-07 |
| 3533 | 4.77E-08 | 1.43E-07 | 1.91E-07 |
| 3534 | 3.40E-08 | 1.01E-07 | 1.35E-07 |
| 3535 | 3.74E-08 | 1.10E-07 | 1.47E-07 |
| 3536 | 4.06E-08 | 1.19E-07 | 1.60E-07 |
| 3537 | 4.28E-08 | 1.25E-07 | 1.68E-07 |
| 3538 | 4.55E-08 | 1.32E-07 | 1.78E-07 |
| 3539 | 6.03E-08 | 1.74E-07 | 2.34E-07 |
| 3540 | 5.55E-08 | 1.62E-07 | 2.18E-07 |
| 3541 | 5.20E-08 | 1.52E-07 | 2.04E-07 |
| 3542 | 4.88E-08 | 1.44E-07 | 1.93E-07 |
| 3543 | 4.60E-08 | 1.36E-07 | 1.82E-07 |
| 3544 | 3.19E-08 | 9.55E-08 | 1.27E-07 |
| 3545 | 3.52E-08 | 1.04E-07 | 1.39E-07 |
| 3546 | 3.80E-08 | 1.11E-07 | 1.49E-07 |
| 3547 | 3.99E-08 | 1.17E-07 | 1.57E-07 |
| 3548 | 4.24E-08 | 1.23E-07 | 1.65E-07 |
| 3549 | 5.73E-08 | 1.65E-07 | 2.22E-07 |
| 3550 | 5.34E-08 | 1.55E-07 | 2.08E-07 |
| 3551 | 5.00E-08 | 1.46E-07 | 1.96E-07 |
| 3552 | 4.72E-08 | 1.38E-07 | 1.85E-07 |
| 3553 | 4.43E-08 | 1.30E-07 | 1.74E-07 |
| 3554 | 3.07E-08 | 9.19E-08 | 1.23E-07 |
| 3555 | 3.29E-08 | 9.79E-08 | 1.31E-07 |
| 3556 | 3.54E-08 | 1.04E-07 | 1.39E-07 |
| 3557 | 3.73E-08 | 1.10E-07 | 1.47E-07 |
| 3558 | 3.97E-08 | 1.16E-07 | 1.56E-07 |
| 3559 | 4.29E-08 | 1.24E-07 | 1.67E-07 |
| 3560 | 4.68E-08 | 1.34E-07 | 1.81E-07 |
| 3561 | 5.04E-08 | 1.43E-07 | 1.93E-07 |
| 3562 | 5.34E-08 | 1.51E-07 | 2.04E-07 |

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|---|---|---|---|
| 3563 | 5.65E-08 | 1.59E-07 | 2.16E-07 |
| 3564 | 6.01E-08 | 1.69E-07 | 2.29E-07 |
| 3565 | 6.34E-08 | 1.77E-07 | 2.40E-07 |
| 3566 | 6.58E-08 | 1.84E-07 | 2.50E-07 |
| 3567 | 6.79E-08 | 1.90E-07 | 2.58E-07 |
| 3568 | 6.81E-08 | 1.91E-07 | 2.59E-07 |
| 3569 | 7.28E-08 | 2.02E-07 | 2.75E-07 |
| 3570 | 7.83E-08 | 2.16E-07 | 2.94E-07 |
| 3571 | 8.26E-08 | 2.28E-07 | 3.11E-07 |
| 3572 | 8.68E-08 | 2.38E-07 | 3.25E-07 |
| 3573 | 8.96E-08 | 2.45E-07 | 3.35E-07 |
| 3574 | 9.10E-08 | 2.48E-07 | 3.39E-07 |
| 3575 | 9.20E-08 | 2.50E-07 | 3.42E-07 |
| 3576 | 9.30E-08 | 2.53E-07 | 3.46E-07 |
| 3577 | 9.45E-08 | 2.57E-07 | 3.52E-07 |
| 3578 | 9.55E-08 | 2.60E-07 | 3.56E-07 |
| 3579 | 9.58E-08 | 2.61E-07 | 3.57E-07 |
| 3580 | 9.57E-08 | 2.61E-07 | 3.57E-07 |
| 3581 | 9.27E-08 | 2.53E-07 | 3.46E-07 |
| 3582 | 8.82E-08 | 2.42E-07 | 3.30E-07 |
| 3583 | 8.53E-08 | 2.34E-07 | 3.19E-07 |
| 3584 | 8.16E-08 | 2.25E-07 | 3.07E-07 |
| 3585 | 7.46E-08 | 2.08E-07 | 2.83E-07 |
| 3586 | 6.82E-08 | 1.93E-07 | 2.61E-07 |
| 3587 | 6.46E-08 | 1.83E-07 | 2.48E-07 |
| 3588 | 6.09E-08 | 1.74E-07 | 2.35E-07 |
| 3589 | 5.76E-08 | 1.65E-07 | 2.23E-07 |
| 3590 | 5.46E-08 | 1.57E-07 | 2.12E-07 |
| 3591 | 5.09E-08 | 1.47E-07 | 1.98E-07 |
| 3592 | 4.84E-08 | 1.40E-07 | 1.88E-07 |
| 3593 | 4.56E-08 | 1.33E-07 | 1.79E-07 |
| 3594 | 4.29E-08 | 1.26E-07 | 1.69E-07 |
| 3595 | 2.85E-08 | 8.59E-08 | 1.14E-07 |
| 3596 | 3.07E-08 | 9.18E-08 | 1.23E-07 |
| 3597 | 3.32E-08 | 9.86E-08 | 1.32E-07 |
| 3598 | 3.52E-08 | 1.04E-07 | 1.39E-07 |
| 3599 | 3.76E-08 | 1.10E-07 | 1.48E-07 |
| 3600 | 4.07E-08 | 1.18E-07 | 1.59E-07 |
| 3601 | 4.45E-08 | 1.28E-07 | 1.73E-07 |
| 3602 | 4.77E-08 | 1.36E-07 | 1.84E-07 |
| 3603 | 5.05E-08 | 1.43E-07 | 1.94E-07 |
| 3604 | 5.34E-08 | 1.51E-07 | 2.04E-07 |
| 3605 | 5.61E-08 | 1.58E-07 | 2.14E-07 |
| 3606 | 5.86E-08 | 1.65E-07 | 2.24E-07 |

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|---|---|---|---|
| 3607 | 6.08E-08 | 1.71E-07 | 2.32E-07 |
| 3608 | 6.20E-08 | 1.74E-07 | 2.36E-07 |
| 3609 | 5.96E-08 | 1.69E-07 | 2.29E-07 |
| 3610 | 6.57E-08 | 1.84E-07 | 2.50E-07 |
| 3611 | 7.14E-08 | 1.98E-07 | 2.69E-07 |
| 3612 | 7.53E-08 | 2.09E-07 | 2.84E-07 |
| 3613 | 7.85E-08 | 2.17E-07 | 2.96E-07 |
| 3614 | 8.11E-08 | 2.23E-07 | 3.04E-07 |
| 3615 | 8.22E-08 | 2.26E-07 | 3.08E-07 |
| 3616 | 8.27E-08 | 2.26E-07 | 3.09E-07 |
| 3617 | 8.30E-08 | 2.28E-07 | 3.11E-07 |
| 3618 | 8.35E-08 | 2.29E-07 | 3.13E-07 |
| 3619 | 8.30E-08 | 2.28E-07 | 3.11E-07 |
| 3620 | 8.35E-08 | 2.30E-07 | 3.14E-07 |
| 3621 | 7.92E-08 | 2.20E-07 | 2.99E-07 |
| 3622 | 7.25E-08 | 2.04E-07 | 2.77E-07 |
| 3623 | 6.27E-08 | 1.78E-07 | 2.41E-07 |
| 3624 | 6.69E-08 | 1.89E-07 | 2.56E-07 |
| 3625 | 7.57E-08 | 2.09E-07 | 2.85E-07 |
| 3626 | 7.24E-08 | 2.01E-07 | 2.73E-07 |
| 3627 | 6.86E-08 | 1.91E-07 | 2.60E-07 |
| 3628 | 6.32E-08 | 1.78E-07 | 2.41E-07 |
| 3629 | 5.78E-08 | 1.65E-07 | 2.23E-07 |
| 3630 | 5.50E-08 | 1.57E-07 | 2.12E-07 |
| 3631 | 5.26E-08 | 1.51E-07 | 2.04E-07 |
| 3632 | 4.99E-08 | 1.43E-07 | 1.93E-07 |
| 3633 | 4.67E-08 | 1.35E-07 | 1.82E-07 |
| 3634 | 4.41E-08 | 1.28E-07 | 1.72E-07 |
| 3635 | 4.17E-08 | 1.21E-07 | 1.63E-07 |
| 3636 | 2.72E-08 | 8.22E-08 | 1.09E-07 |
| 3637 | 2.91E-08 | 8.74E-08 | 1.17E-07 |
| 3638 | 3.14E-08 | 9.36E-08 | 1.25E-07 |
| 3639 | 3.38E-08 | 9.99E-08 | 1.34E-07 |
| 3640 | 3.66E-08 | 1.07E-07 | 1.44E-07 |
| 3641 | 3.96E-08 | 1.15E-07 | 1.55E-07 |
| 3642 | 4.25E-08 | 1.22E-07 | 1.65E-07 |
| 3643 | 4.53E-08 | 1.29E-07 | 1.74E-07 |
| 3644 | 4.79E-08 | 1.36E-07 | 1.84E-07 |
| 3645 | 5.01E-08 | 1.42E-07 | 1.92E-07 |
| 3646 | 5.23E-08 | 1.48E-07 | 2.00E-07 |
| 3647 | 5.42E-08 | 1.53E-07 | 2.07E-07 |
| 3648 | 5.58E-08 | 1.58E-07 | 2.14E-07 |
| 3649 | 5.77E-08 | 1.63E-07 | 2.21E-07 |
| 3650 | 5.78E-08 | 1.63E-07 | 2.21E-07 |

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|---|---|---|---|
| 3651 | 5.86E-08 | 1.66E-07 | 2.25E-07 |
| 3652 | 6.26E-08 | 1.76E-07 | 2.39E-07 |
| 3653 | 6.72E-08 | 1.88E-07 | 2.55E-07 |
| 3654 | 7.05E-08 | 1.96E-07 | 2.67E-07 |
| 3655 | 7.27E-08 | 2.02E-07 | 2.75E-07 |
| 3656 | 7.39E-08 | 2.04E-07 | 2.78E-07 |
| 3657 | 7.42E-08 | 2.05E-07 | 2.79E-07 |
| 3658 | 7.41E-08 | 2.05E-07 | 2.79E-07 |
| 3659 | 7.31E-08 | 2.03E-07 | 2.76E-07 |
| 3660 | 7.06E-08 | 1.97E-07 | 2.68E-07 |
| 3661 | 6.43E-08 | 1.82E-07 | 2.46E-07 |
| 3662 | 5.30E-08 | 1.50E-07 | 2.03E-07 |
| 3663 | 5.11E-08 | 1.44E-07 | 1.95E-07 |
| 3664 | 4.90E-08 | 1.38E-07 | 1.87E-07 |
| 3665 | 5.24E-08 | 1.49E-07 | 2.01E-07 |
| 3666 | 5.88E-08 | 1.67E-07 | 2.26E-07 |
| 3667 | 5.32E-08 | 1.53E-07 | 2.06E-07 |
| 3668 | 6.21E-08 | 1.75E-07 | 2.37E-07 |
| 3669 | 6.01E-08 | 1.69E-07 | 2.29E-07 |
| 3670 | 5.50E-08 | 1.57E-07 | 2.12E-07 |
| 3671 | 5.24E-08 | 1.50E-07 | 2.02E-07 |
| 3672 | 5.05E-08 | 1.45E-07 | 1.96E-07 |
| 3673 | 4.82E-08 | 1.38E-07 | 1.86E-07 |
| 3674 | 4.53E-08 | 1.31E-07 | 1.76E-07 |
| 3675 | 4.29E-08 | 1.24E-07 | 1.67E-07 |
| 3676 | 4.07E-08 | 1.18E-07 | 1.59E-07 |
| 3677 | 2.59E-08 | 7.85E-08 | 1.04E-07 |
| 3678 | 2.79E-08 | 8.38E-08 | 1.12E-07 |
| 3679 | 3.04E-08 | 9.04E-08 | 1.21E-07 |
| 3680 | 3.25E-08 | 9.61E-08 | 1.29E-07 |
| 3681 | 3.51E-08 | 1.03E-07 | 1.38E-07 |
| 3682 | 3.76E-08 | 1.09E-07 | 1.47E-07 |
| 3683 | 4.01E-08 | 1.16E-07 | 1.56E-07 |
| 3684 | 4.29E-08 | 1.23E-07 | 1.66E-07 |
| 3685 | 4.52E-08 | 1.29E-07 | 1.74E-07 |
| 3686 | 4.74E-08 | 1.35E-07 | 1.82E-07 |
| 3687 | 4.87E-08 | 1.38E-07 | 1.87E-07 |
| 3688 | 4.98E-08 | 1.41E-07 | 1.91E-07 |
| 3689 | 5.07E-08 | 1.44E-07 | 1.95E-07 |
| 3690 | 5.17E-08 | 1.47E-07 | 1.99E-07 |
| 3691 | 5.16E-08 | 1.47E-07 | 1.99E-07 |
| 3692 | 5.16E-08 | 1.48E-07 | 2.00E-07 |
| 3693 | 5.45E-08 | 1.56E-07 | 2.11E-07 |
| 3694 | 6.02E-08 | 1.70E-07 | 2.30E-07 |

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|---|---|---|---|
| 3695 | 6.29E-08 | 1.76E-07 | 2.39E-07 |
| 3696 | 6.46E-08 | 1.81E-07 | 2.46E-07 |
| 3697 | 6.62E-08 | 1.85E-07 | 2.51E-07 |
| 3698 | 6.67E-08 | 1.85E-07 | 2.52E-07 |
| 3699 | 6.46E-08 | 1.81E-07 | 2.46E-07 |
| 3700 | 6.32E-08 | 1.78E-07 | 2.41E-07 |
| 3701 | 5.92E-08 | 1.68E-07 | 2.27E-07 |
| 3702 | 5.20E-08 | 1.48E-07 | 2.00E-07 |
| 3703 | 4.67E-08 | 1.33E-07 | 1.80E-07 |
| 3704 | 4.49E-08 | 1.27E-07 | 1.72E-07 |
| 3705 | 4.43E-08 | 1.25E-07 | 1.69E-07 |
| 3706 | 4.58E-08 | 1.30E-07 | 1.76E-07 |
| 3707 | 4.83E-08 | 1.38E-07 | 1.86E-07 |
| 3708 | 4.43E-08 | 1.27E-07 | 1.71E-07 |
| 3709 | 4.39E-08 | 1.27E-07 | 1.71E-07 |
| 3710 | 5.51E-08 | 1.57E-07 | 2.12E-07 |
| 3711 | 5.38E-08 | 1.53E-07 | 2.07E-07 |
| 3712 | 5.10E-08 | 1.46E-07 | 1.97E-07 |
| 3713 | 4.87E-08 | 1.39E-07 | 1.88E-07 |
| 3714 | 4.62E-08 | 1.33E-07 | 1.79E-07 |
| 3715 | 4.40E-08 | 1.27E-07 | 1.71E-07 |
| 3716 | 4.18E-08 | 1.21E-07 | 1.63E-07 |
| 3717 | 3.97E-08 | 1.15E-07 | 1.55E-07 |
| 3718 | 2.42E-08 | 7.35E-08 | 9.77E-08 |
| 3719 | 2.62E-08 | 7.90E-08 | 1.05E-07 |
| 3720 | 2.91E-08 | 8.68E-08 | 1.16E-07 |
| 3721 | 3.09E-08 | 9.16E-08 | 1.23E-07 |
| 3722 | 3.30E-08 | 9.71E-08 | 1.30E-07 |
| 3723 | 3.56E-08 | 1.04E-07 | 1.40E-07 |
| 3724 | 3.83E-08 | 1.11E-07 | 1.49E-07 |
| 3725 | 4.09E-08 | 1.17E-07 | 1.58E-07 |
| 3726 | 4.27E-08 | 1.22E-07 | 1.65E-07 |
| 3727 | 4.44E-08 | 1.27E-07 | 1.71E-07 |
| 3728 | 4.55E-08 | 1.30E-07 | 1.76E-07 |
| 3729 | 4.54E-08 | 1.30E-07 | 1.75E-07 |
| 3730 | 4.61E-08 | 1.32E-07 | 1.78E-07 |
| 3731 | 4.62E-08 | 1.33E-07 | 1.79E-07 |
| 3732 | 4.57E-08 | 1.32E-07 | 1.78E-07 |
| 3733 | 4.57E-08 | 1.32E-07 | 1.78E-07 |
| 3734 | 4.90E-08 | 1.41E-07 | 1.90E-07 |
| 3735 | 5.28E-08 | 1.51E-07 | 2.04E-07 |
| 3736 | 5.58E-08 | 1.58E-07 | 2.14E-07 |
| 3737 | 5.74E-08 | 1.62E-07 | 2.19E-07 |
| 3738 | 5.92E-08 | 1.67E-07 | 2.26E-07 |

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|---|---|---|---|
| 3739 | 5.82E-08 | 1.64E-07 | 2.22E-07 |
| 3740 | 5.62E-08 | 1.60E-07 | 2.16E-07 |
| 3741 | 4.69E-08 | 1.35E-07 | 1.82E-07 |
| 3742 | 4.81E-08 | 1.38E-07 | 1.86E-07 |
| 3743 | 4.77E-08 | 1.37E-07 | 1.85E-07 |
| 3744 | 4.22E-08 | 1.20E-07 | 1.62E-07 |
| 3745 | 4.09E-08 | 1.16E-07 | 1.57E-07 |
| 3746 | 4.04E-08 | 1.14E-07 | 1.54E-07 |
| 3747 | 4.01E-08 | 1.13E-07 | 1.53E-07 |
| 3748 | 3.98E-08 | 1.13E-07 | 1.53E-07 |
| 3749 | 3.91E-08 | 1.12E-07 | 1.51E-07 |
| 3750 | 4.09E-08 | 1.18E-07 | 1.59E-07 |
| 3751 | 5.01E-08 | 1.44E-07 | 1.94E-07 |
| 3752 | 5.17E-08 | 1.47E-07 | 1.99E-07 |
| 3753 | 4.90E-08 | 1.40E-07 | 1.89E-07 |
| 3754 | 4.67E-08 | 1.34E-07 | 1.81E-07 |
| 3755 | 4.43E-08 | 1.27E-07 | 1.71E-07 |
| 3756 | 4.23E-08 | 1.22E-07 | 1.64E-07 |
| 3757 | 4.04E-08 | 1.17E-07 | 1.57E-07 |
| 3758 | 3.85E-08 | 1.11E-07 | 1.50E-07 |
| | 1.39E-06 | 3.80E-06 | 5.14E-06 |

HARP2 - HRACalc (dated 22118) 2/11/2025 12:37:05 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
**********
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

**********
EXPOSURE DURATION PARAMETERS FOR CANCER
**Exposure duration are only adjusted for cancer assessments**

**********
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments.  The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

**********
INHALATION

Daily breathing rate: LongTerm24HR

**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

**********
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\dlarocca\Desktop\HARP2 Files\SanteeOpEMFAC T4i Final wTuckN\hra\OpT4iForkChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\dlarocca\Desktop\HARP2 Files\SanteeOpEMFAC T4i Final wTuckN\hra\OpT4iForkChronicNCChronicRiskSumByRec.csv
HRA ran successfully

*HARP - HRACalc v22118 2/11/2025 12:37:05 PM - Chronic Risk - Input File: C:\Users\dlarocca\Desktop\HARP2 Files\SanteeOpEMFAC T4i Final wTuckN\hra\OpT4iForkChronicHRAInput.hra

| REC | GRP | NETID | X | Y | SCENARIO | CV | CNS | IMMUN | KIDNEY | GILV | REPRO/DE | RESP | SKIN | EYE | BONE/TEE | ENDO | BLOOD | ODOR | GENERAL | MAXHI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL | | 502722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2 | ALL | | 502772 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 3 | ALL | | 502822 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 4 | ALL | | 502872 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 5 | ALL | | 502922 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 6 | ALL | | 502972 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 7 | ALL | | 503022 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 8 | ALL | | 503072 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 9 | ALL | | 503122 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 10 | ALL | | 503172 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 11 | ALL | | 503222 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 12 | ALL | | 503272 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 13 | ALL | | 503322 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 14 | ALL | | 503372 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 15 | ALL | | 503422 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 16 | ALL | | 503472 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 |
| 17 | ALL | | 503522 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 18 | ALL | | 503622 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 19 | ALL | | 503672 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 20 | ALL | | 503722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 21 | ALL | | 503772 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 22 | ALL | | 503822 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 23 | ALL | | 503872 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 24 | ALL | | 503922 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 25 | ALL | | 503972 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 26 | ALL | | 504022 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 27 | ALL | | 504072 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 28 | ALL | | 504122 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 29 | ALL | | 504172 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 30 | ALL | | 504222 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 31 | ALL | | 504272 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 32 | ALL | | 504322 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 33 | ALL | | 504372 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 34 | ALL | | 504422 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 |
| 35 | ALL | | 504472 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 |
| 36 | ALL | | 504522 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-05 |
| 37 | ALL | | 504572 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.13E-05 |
| 38 | ALL | | 504622 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 |
| 39 | ALL | | 504672 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 |
| 40 | ALL | | 504722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 |
| 41 | ALL | | 502722 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 42 | ALL | | 502772 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 43 | ALL | | 502822 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 44 | ALL | | 502872 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 45 | ALL | | 502922 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 46 | ALL | | 502972 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 47 | ALL | | 503022 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 48 | ALL | | 503072 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 49 | ALL | | 503122 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 50 | ALL | | 503172 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 51 | ALL | | 503222 | 3633526 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | ALL | 503272 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 |
| 53 | ALL | 503322 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 54 | ALL | 503372 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 55 | ALL | 503422 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 56 | ALL | 503472 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 |
| 57 | ALL | 503522 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 58 | ALL | 503622 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.31E-04 |
| 59 | ALL | 503672 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 60 | ALL | 503722 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 |
| 61 | ALL | 503772 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 62 | ALL | 503822 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 63 | ALL | 503872 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 64 | ALL | 503922 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 65 | ALL | 503972 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 66 | ALL | 504022 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 67 | ALL | 504072 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 68 | ALL | 504122 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 69 | ALL | 504172 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 70 | ALL | 504222 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 71 | ALL | 504272 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 72 | ALL | 504322 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 73 | ALL | 504372 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 74 | ALL | 504422 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 75 | ALL | 504472 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 76 | ALL | 504522 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 |
| 77 | ALL | 504572 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 78 | ALL | 504622 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 79 | ALL | 504672 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 80 | ALL | 504722 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 81 | ALL | 502722 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 82 | ALL | 502772 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 83 | ALL | 502822 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 84 | ALL | 502872 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 85 | ALL | 502922 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 86 | ALL | 502972 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 87 | ALL | 503022 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 88 | ALL | 503072 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 89 | ALL | 503122 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 90 | ALL | 503172 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 91 | ALL | 503222 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 |
| 92 | ALL | 503272 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 93 | ALL | 503322 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 94 | ALL | 503372 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| 95 | ALL | 503422 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 96 | ALL | 503472 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-04 |
| 97 | ALL | 503522 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 98 | ALL | 503622 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |
| 99 | ALL | 503672 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 100 | ALL | 503722 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 101 | ALL | 503772 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 |
| 102 | ALL | 503822 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 |
| 103 | ALL | 503872 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 104 | ALL | 503922 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 105 | ALL | 503972 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 106 | ALL | 504022 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 107 | ALL | 504072 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 108 | ALL | 504122 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 109 | ALL | 504172 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 110 | ALL | 504222 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 111 | ALL | 504272 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 112 | ALL | 504322 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 113 | ALL | 504372 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 114 | ALL | 504422 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 115 | ALL | 504472 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 116 | ALL | 504522 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 117 | ALL | 504572 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 118 | ALL | 504622 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 119 | ALL | 504672 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 120 | ALL | 504722 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 121 | ALL | 502722 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 122 | ALL | 502772 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 123 | ALL | 502822 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 124 | ALL | 502872 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 125 | ALL | 502922 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 126 | ALL | 502972 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 127 | ALL | 503022 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 128 | ALL | 503072 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 129 | ALL | 503122 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 130 | ALL | 503172 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 131 | ALL | 503222 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 132 | ALL | 503272 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 |
| 133 | ALL | 503322 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 |
| 134 | ALL | 503372 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 135 | ALL | 503422 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 |
| 136 | ALL | 503472 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 137 | ALL | 503522 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 138 | ALL | 503622 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-04 |
| 139 | ALL | 503672 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 140 | ALL | 503722 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 141 | ALL | 503772 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 |
| 142 | ALL | 503822 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-04 |
| 143 | ALL | 503872 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 144 | ALL | 503922 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 145 | ALL | 503972 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 |
| 146 | ALL | 504022 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 147 | ALL | 504072 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 148 | ALL | 504122 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 149 | ALL | 504172 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 150 | ALL | 504222 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 151 | ALL | 504272 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 152 | ALL | 504322 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 153 | ALL | 504372 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 154 | ALL | 504422 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 155 | ALL | 504472 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 156 | ALL | 504522 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 157 | ALL | 504572 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 158 | ALL | 504622 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 159 | ALL | 504672 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 160 | ALL | 504722 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 161 | ALL | 502722 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 162 | ALL | 502772 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 163 | ALL | 502822 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 164 | ALL | 502872 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 165 | ALL | 502922 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 166 | ALL | 502972 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 167 | ALL | 503022 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 168 | ALL | 503072 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 169 | ALL | 503122 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 170 | ALL | 503172 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 |
| 171 | ALL | 503222 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 |
| 172 | ALL | 503272 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 173 | ALL | 503322 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 174 | ALL | 503372 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 175 | ALL | 503422 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 176 | ALL | 503472 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 177 | ALL | 503522 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 178 | ALL | 503572 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 |
| 179 | ALL | 503672 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 |
| 180 | ALL | 503722 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 181 | ALL | 503772 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 182 | ALL | 503822 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 183 | ALL | 503872 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 |
| 184 | ALL | 503922 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| 185 | ALL | 503972 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 186 | ALL | 504022 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 187 | ALL | 504072 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 188 | ALL | 504122 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 189 | ALL | 504172 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 |
| 190 | ALL | 504222 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 191 | ALL | 504272 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 192 | ALL | 504322 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 193 | ALL | 504372 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 194 | ALL | 504422 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 195 | ALL | 504472 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 196 | ALL | 504522 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 197 | ALL | 504572 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 198 | ALL | 504622 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 199 | ALL | 504672 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 200 | ALL | 504722 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 201 | ALL | 502722 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 202 | ALL | 502772 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 203 | ALL | 502822 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 204 | ALL | 502872 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 205 | ALL | 502922 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 206 | ALL | 502972 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 207 | ALL | 503022 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 208 | ALL | 503072 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 209 | ALL | 503122 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 210 | ALL | 503172 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211 | ALL | 503222 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 212 | ALL | 503272 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 213 | ALL | 503322 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 214 | ALL | 503372 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 215 | ALL | 503422 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 216 | ALL | 503472 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 217 | ALL | 503522 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 218 | ALL | 503572 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-04 |
| 219 | ALL | 503722 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 220 | ALL | 503772 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 221 | ALL | 503822 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 222 | ALL | 503872 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 223 | ALL | 503922 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 |
| 224 | ALL | 503972 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 |
| 225 | ALL | 504022 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 226 | ALL | 504072 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 227 | ALL | 504122 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 228 | ALL | 504172 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 |
| 229 | ALL | 504222 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 230 | ALL | 504272 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 |
| 231 | ALL | 504322 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 232 | ALL | 504372 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 233 | ALL | 504422 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 234 | ALL | 504472 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 235 | ALL | 504522 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 236 | ALL | 504572 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 237 | ALL | 504622 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 238 | ALL | 504672 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 239 | ALL | 504722 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 240 | ALL | 502722 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 241 | ALL | 502772 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 242 | ALL | 502822 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 243 | ALL | 502872 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 244 | ALL | 502922 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 245 | ALL | 502972 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 246 | ALL | 503022 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 247 | ALL | 503072 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 248 | ALL | 503122 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 |
| 249 | ALL | 503172 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 250 | ALL | 503222 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 |
| 251 | ALL | 503272 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 |
| 252 | ALL | 503322 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 253 | ALL | 503372 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 254 | ALL | 503422 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 255 | ALL | 503472 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 256 | ALL | 503772 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 257 | ALL | 503822 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 258 | ALL | 503872 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 259 | ALL | 503922 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 260 | ALL | 503972 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 |
| 261 | ALL | 504022 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 |
| 262 | ALL | 504072 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 263 | ALL | 504122 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 264 | ALL | 504172 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 265 | ALL | 504222 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 266 | ALL | 504272 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 267 | ALL | 504322 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 |
| 268 | ALL | 504372 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 |
| 269 | ALL | 504422 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 270 | ALL | 504472 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 271 | ALL | 504522 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 272 | ALL | 504572 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 273 | ALL | 504622 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 274 | ALL | 504672 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 275 | ALL | 504722 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 276 | ALL | 502722 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 277 | ALL | 502772 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 278 | ALL | 502822 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 279 | ALL | 502872 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 280 | ALL | 502922 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 281 | ALL | 502972 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 282 | ALL | 503022 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 283 | ALL | 503072 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 |
| 284 | ALL | 503122 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 |
| 285 | ALL | 503172 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 |
| 286 | ALL | 503222 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 |
| 287 | ALL | 503272 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 288 | ALL | 503772 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-04 |
| 289 | ALL | 503822 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-04 |
| 290 | ALL | 503872 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-04 |
| 291 | ALL | 503922 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 292 | ALL | 503972 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 293 | ALL | 504022 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 294 | ALL | 504072 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-04 |
| 295 | ALL | 504122 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 296 | ALL | 504172 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 297 | ALL | 504222 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 298 | ALL | 504272 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 299 | ALL | 504322 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 300 | ALL | 504372 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 301 | ALL | 504422 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 302 | ALL | 504472 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 303 | ALL | 504522 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 304 | ALL | 504572 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 |
| 305 | ALL | 504622 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 306 | ALL | 504672 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 307 | ALL | 504722 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 308 | ALL | 502722 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 309 | ALL | 502772 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 310 | ALL | 502822 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 311 | ALL | 502872 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 312 | ALL | 502922 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 313 | ALL | 502972 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 314 | ALL | 503022 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 |
| 315 | ALL | 503072 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 316 | ALL | 503122 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 317 | ALL | 503172 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 318 | ALL | 503222 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-04 |
| 319 | ALL | 503272 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 320 | ALL | 503822 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-04 |
| 321 | ALL | 503872 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 322 | ALL | 503922 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-04 |
| 323 | ALL | 503972 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 |
| 324 | ALL | 504022 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.89E-04 |
| 325 | ALL | 504072 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.65E-04 |
| 326 | ALL | 504122 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 327 | ALL | 504172 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-04 |
| 328 | ALL | 504222 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 329 | ALL | 504272 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.25E-04 |
| 330 | ALL | 504322 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 331 | ALL | 504372 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 332 | ALL | 504422 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 333 | ALL | 504472 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 334 | ALL | 504522 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 335 | ALL | 504572 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 336 | ALL | 504622 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 |
| 337 | ALL | 504672 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 338 | ALL | 504722 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 339 | ALL | 502722 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 340 | ALL | 502772 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 341 | ALL | 502822 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 342 | ALL | 502872 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 343 | ALL | 502922 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 |
| 344 | ALL | 502972 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 345 | ALL | 503022 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 346 | ALL | 503072 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 347 | ALL | 503122 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 |
| 348 | ALL | 503172 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 349 | ALL | 503222 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 350 | ALL | 503272 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-04 |
| 351 | ALL | 503822 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-04 |
| 352 | ALL | 503872 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 |
| 353 | ALL | 503922 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 |
| 354 | ALL | 503972 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 |
| 355 | ALL | 504022 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-04 |
| 356 | ALL | 504072 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-04 |
| 357 | ALL | 504122 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 358 | ALL | 504172 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 359 | ALL | 504222 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.98E-04 |
| 360 | ALL | 504272 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-04 |
| 361 | ALL | 504322 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 362 | ALL | 504372 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 363 | ALL | 504422 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 364 | ALL | 504472 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-04 |
| 365 | ALL | 504522 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 366 | ALL | 504572 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 |
| 367 | ALL | 504622 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| 368 | ALL | 504672 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 369 | ALL | 504722 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 370 | ALL | 502722 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 371 | ALL | 502772 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 372 | ALL | 502822 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 373 | ALL | 502872 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 374 | ALL | 502922 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 375 | ALL | 502972 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 376 | ALL | 503022 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 |
| 377 | ALL | 503072 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 |
| 378 | ALL | 503122 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 |
| 379 | ALL | 503172 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.84E-04 |
| 380 | ALL | 503222 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 381 | ALL | 503272 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 382 | ALL | 503822 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-04 |
| 383 | ALL | 503872 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-04 |
| 384 | ALL | 503922 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-04 |
| 385 | ALL | 503972 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-04 |
| 386 | ALL | 504022 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-04 |
| 387 | ALL | 504072 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 |
| 388 | ALL | 504122 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-04 |
| 389 | ALL | 504172 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-04 |
| 390 | ALL | 504222 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-04 |
| 391 | ALL | 504272 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-04 |
| 392 | ALL | 504322 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-04 |
| 393 | ALL | 504372 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 394 | ALL | 504422 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 395 | ALL | 504472 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 396 | ALL | 504522 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 397 | ALL | 504572 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.60E-04 |
| 398 | ALL | 504622 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.38E-04 |
| 399 | ALL | 504672 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 |
| 400 | ALL | 504722 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 401 | ALL | 502722 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 402 | ALL | 502772 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 403 | ALL | 502822 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 404 | ALL | 502872 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 405 | ALL | 502922 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 406 | ALL | 502972 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 407 | ALL | 503022 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| 408 | ALL | 503072 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 409 | ALL | 503122 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 |
| 410 | ALL | 503172 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 411 | ALL | 503222 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 412 | ALL | 503272 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.57E-04 |
| 413 | ALL | 503872 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.66E-04 |
| 414 | ALL | 503922 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.12E-04 |
| 415 | ALL | 503972 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-04 |
| 416 | ALL | 504022 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-04 |
| 417 | ALL | 504072 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-04 |
| 418 | ALL | 504122 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-04 |
| 419 | ALL | 504172 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-04 |
| 420 | ALL | 504222 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 |
| 421 | ALL | 504272 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 |
| 422 | ALL | 504322 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.66E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 423 | ALL | 504372 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 |
| 424 | ALL | 504422 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 425 | ALL | 504472 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 426 | ALL | 504522 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 427 | ALL | 504572 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.64E-04 |
| 428 | ALL | 504622 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.32E-04 |
| 429 | ALL | 504672 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 |
| 430 | ALL | 504722 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 431 | ALL | 502722 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 432 | ALL | 502772 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 433 | ALL | 502822 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 434 | ALL | 502872 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 435 | ALL | 502922 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 436 | ALL | 502972 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 437 | ALL | 503022 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 438 | ALL | 503072 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-04 |
| 439 | ALL | 503122 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 440 | ALL | 503172 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 441 | ALL | 503222 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-04 |
| 442 | ALL | 503272 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-04 |
| 443 | ALL | 503872 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-03 |
| 444 | ALL | 503922 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-03 |
| 445 | ALL | 503972 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-04 |
| 446 | ALL | 504022 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-04 |
| 447 | ALL | 504072 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-04 |
| 448 | ALL | 504122 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-04 |
| 449 | ALL | 504172 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-04 |
| 450 | ALL | 504222 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-04 |
| 451 | ALL | 504272 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-04 |
| 452 | ALL | 504322 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-04 |
| 453 | ALL | 504372 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 |
| 454 | ALL | 504422 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E-04 |
| 455 | ALL | 504472 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 456 | ALL | 504522 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 457 | ALL | 504572 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 |
| 458 | ALL | 504622 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 459 | ALL | 504672 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 |
| 460 | ALL | 504722 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 461 | ALL | 502722 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 462 | ALL | 502772 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 463 | ALL | 502822 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 464 | ALL | 502872 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 465 | ALL | 502922 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 |
| 466 | ALL | 502972 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 |
| 467 | ALL | 503022 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 |
| 468 | ALL | 503072 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.73E-04 |
| 469 | ALL | 503122 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 470 | ALL | 503172 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-04 |
| 471 | ALL | 503222 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 472 | ALL | 503272 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.05E-04 |
| 473 | ALL | 503922 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-03 |
| 474 | ALL | 503972 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-03 |
| 475 | ALL | 504022 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-03 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 476 | ALL | 504072 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-04 |
| 477 | ALL | 504122 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-04 |
| 478 | ALL | 504172 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-04 |
| 479 | ALL | 504222 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-04 |
| 480 | ALL | 504272 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-04 |
| 481 | ALL | 504322 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-04 |
| 482 | ALL | 504372 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-04 |
| 483 | ALL | 504422 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-04 |
| 484 | ALL | 504472 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.24E-04 |
| 485 | ALL | 504522 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 486 | ALL | 504572 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 |
| 487 | ALL | 504622 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |
| 488 | ALL | 504672 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 489 | ALL | 504722 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 490 | ALL | 502722 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 491 | ALL | 502772 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 492 | ALL | 502822 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 493 | ALL | 502872 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 494 | ALL | 502922 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 495 | ALL | 502972 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 496 | ALL | 503022 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.58E-04 |
| 497 | ALL | 503072 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 498 | ALL | 503122 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 499 | ALL | 503172 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-04 |
| 500 | ALL | 503222 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 501 | ALL | 503272 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-04 |
| 502 | ALL | 503972 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-03 |
| 503 | ALL | 504022 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-03 |
| 504 | ALL | 504072 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-03 |
| 505 | ALL | 504122 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-04 |
| 506 | ALL | 504172 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-04 |
| 507 | ALL | 504222 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-04 |
| 508 | ALL | 504272 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-04 |
| 509 | ALL | 504322 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-04 |
| 510 | ALL | 504372 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 511 | ALL | 504422 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 512 | ALL | 504472 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 513 | ALL | 504522 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 514 | ALL | 504572 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 515 | ALL | 504622 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 516 | ALL | 504672 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 517 | ALL | 504722 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 518 | ALL | 502722 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 519 | ALL | 502772 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 520 | ALL | 502822 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 521 | ALL | 502872 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 522 | ALL | 502922 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 523 | ALL | 502972 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-04 |
| 524 | ALL | 503022 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 525 | ALL | 503072 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 526 | ALL | 503122 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-04 |
| 527 | ALL | 503172 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 528 | ALL | 503222 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 529 | ALL | 503272 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 |
| 530 | ALL | 504072 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-03 |
| 531 | ALL | 504122 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-03 |
| 532 | ALL | 504172 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-04 |
| 533 | ALL | 504222 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-04 |
| 534 | ALL | 504272 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-04 |
| 535 | ALL | 504322 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-04 |
| 536 | ALL | 504372 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-04 |
| 537 | ALL | 504422 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 538 | ALL | 504472 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.97E-04 |
| 539 | ALL | 504522 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 540 | ALL | 504572 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 541 | ALL | 504622 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 |
| 542 | ALL | 504672 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 543 | ALL | 504722 | 3634226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 544 | ALL | 502722 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 545 | ALL | 502772 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 546 | ALL | 502822 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 547 | ALL | 502872 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 548 | ALL | 502922 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.28E-04 |
| 549 | ALL | 502972 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-04 |
| 550 | ALL | 503022 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-04 |
| 551 | ALL | 503072 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 552 | ALL | 503122 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 553 | ALL | 503172 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-04 |
| 554 | ALL | 503222 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-04 |
| 555 | ALL | 503272 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 |
| 556 | ALL | 504122 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-03 |
| 557 | ALL | 504172 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-03 |
| 558 | ALL | 504222 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-04 |
| 559 | ALL | 504272 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.69E-04 |
| 560 | ALL | 504322 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-04 |
| 561 | ALL | 504372 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-04 |
| 562 | ALL | 504422 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 563 | ALL | 504472 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-04 |
| 564 | ALL | 504522 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 |
| 565 | ALL | 504572 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |
| 566 | ALL | 504622 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 567 | ALL | 504672 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 568 | ALL | 504722 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 569 | ALL | 502722 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 570 | ALL | 502772 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 571 | ALL | 502822 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 572 | ALL | 502872 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.14E-04 |
| 573 | ALL | 502972 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 574 | ALL | 503022 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.79E-04 |
| 575 | ALL | 503072 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 576 | ALL | 503122 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-04 |
| 577 | ALL | 503172 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 578 | ALL | 503222 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-04 |
| 579 | ALL | 503272 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-04 |
| 580 | ALL | 504172 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-03 |
| 581 | ALL | 504222 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 582 | ALL | 504272 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-04 |
| 583 | ALL | 504322 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-04 |
| 584 | ALL | 504372 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-04 |
| 585 | ALL | 504422 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-04 |
| 586 | ALL | 504472 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.00E-04 |
| 587 | ALL | 504522 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.45E-04 |
| 588 | ALL | 504572 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 589 | ALL | 504622 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 590 | ALL | 504672 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 591 | ALL | 504722 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 592 | ALL | 502722 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 593 | ALL | 502772 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 594 | ALL | 502822 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 595 | ALL | 503022 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-04 |
| 596 | ALL | 503072 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 597 | ALL | 503122 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-04 |
| 598 | ALL | 503172 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-04 |
| 599 | ALL | 503222 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-04 |
| 600 | ALL | 503272 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-04 |
| 601 | ALL | 504222 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-04 |
| 602 | ALL | 504272 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-04 |
| 603 | ALL | 504322 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.62E-04 |
| 604 | ALL | 504372 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-04 |
| 605 | ALL | 504422 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-04 |
| 606 | ALL | 504472 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 |
| 607 | ALL | 504522 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 608 | ALL | 504572 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 |
| 609 | ALL | 504622 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 610 | ALL | 504672 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 611 | ALL | 504722 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 612 | ALL | 502722 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 613 | ALL | 502772 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 614 | ALL | 502822 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 |
| 615 | ALL | 504272 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-04 |
| 616 | ALL | 504322 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-04 |
| 617 | ALL | 504372 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-04 |
| 618 | ALL | 504422 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 619 | ALL | 504472 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-04 |
| 620 | ALL | 504522 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 |
| 621 | ALL | 504572 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 622 | ALL | 504622 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 623 | ALL | 504672 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 624 | ALL | 504722 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 625 | ALL | 502722 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 626 | ALL | 502772 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 627 | ALL | 502822 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 628 | ALL | 504322 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-04 |
| 629 | ALL | 504372 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-04 |
| 630 | ALL | 504422 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.49E-04 |
| 631 | ALL | 504472 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-04 |
| 632 | ALL | 504522 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 633 | ALL | 504572 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 634 | ALL | 504622 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 635 | ALL | 504672 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 636 | ALL | 504722 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 637 | ALL | 502722 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 638 | ALL | 502772 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 639 | ALL | 504372 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 |
| 640 | ALL | 504422 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-04 |
| 641 | ALL | 504472 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-04 |
| 642 | ALL | 504522 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 643 | ALL | 504572 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 644 | ALL | 504622 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 645 | ALL | 504672 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 646 | ALL | 504722 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 647 | ALL | 502722 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 648 | ALL | 502772 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 649 | ALL | 504422 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-04 |
| 650 | ALL | 504472 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-04 |
| 651 | ALL | 504522 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.63E-04 |
| 652 | ALL | 504572 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 |
| 653 | ALL | 504622 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-04 |
| 654 | ALL | 504672 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-04 |
| 655 | ALL | 504722 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 656 | ALL | 502722 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 657 | ALL | 502772 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 658 | ALL | 502822 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 |
| 659 | ALL | 502872 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 660 | ALL | 502922 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-04 |
| 661 | ALL | 502972 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 662 | ALL | 503022 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 663 | ALL | 503072 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 664 | ALL | 503122 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-04 |
| 665 | ALL | 504472 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 666 | ALL | 504522 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 667 | ALL | 504572 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 668 | ALL | 504622 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 669 | ALL | 504672 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 |
| 670 | ALL | 504722 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 |
| 671 | ALL | 502722 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 672 | ALL | 502772 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 673 | ALL | 502822 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 674 | ALL | 502872 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |
| 675 | ALL | 502922 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.30E-04 |
| 676 | ALL | 502972 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 |
| 677 | ALL | 503022 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.75E-04 |
| 678 | ALL | 503072 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-04 |
| 679 | ALL | 503122 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 680 | ALL | 503172 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.77E-04 |
| 681 | ALL | 503222 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-04 |
| 682 | ALL | 503272 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.81E-04 |
| 683 | ALL | 503322 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-04 |
| 684 | ALL | 503372 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-04 |
| 685 | ALL | 503422 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-04 |
| 686 | ALL | 503472 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-04 |
| 687 | ALL | 503522 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-03 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 688 | ALL | 504522 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-04 |
| 689 | ALL | 504572 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 690 | ALL | 504622 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 691 | ALL | 504672 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 692 | ALL | 504722 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.40E-04 |
| 693 | ALL | 502722 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 694 | ALL | 502772 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 695 | ALL | 502822 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 |
| 696 | ALL | 502872 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 697 | ALL | 502922 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 698 | ALL | 502972 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 |
| 699 | ALL | 503022 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 |
| 700 | ALL | 503072 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 701 | ALL | 503122 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.23E-04 |
| 702 | ALL | 503172 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| 703 | ALL | 503222 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-04 |
| 704 | ALL | 503272 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 |
| 705 | ALL | 503322 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-04 |
| 706 | ALL | 503372 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-04 |
| 707 | ALL | 503422 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-04 |
| 708 | ALL | 503472 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-04 |
| 709 | ALL | 503522 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-04 |
| 710 | ALL | 503572 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-03 |
| 711 | ALL | 503622 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-03 |
| 712 | ALL | 504572 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-04 |
| 713 | ALL | 504622 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.78E-04 |
| 714 | ALL | 504672 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 715 | ALL | 504722 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 716 | ALL | 502722 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 717 | ALL | 502772 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 718 | ALL | 502822 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 719 | ALL | 502872 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 720 | ALL | 502922 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 721 | ALL | 502972 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 |
| 722 | ALL | 503022 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 723 | ALL | 503072 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 724 | ALL | 503122 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 725 | ALL | 503172 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 726 | ALL | 503222 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-04 |
| 727 | ALL | 503272 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-04 |
| 728 | ALL | 503322 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-04 |
| 729 | ALL | 503372 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-04 |
| 730 | ALL | 503422 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-04 |
| 731 | ALL | 503472 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-04 |
| 732 | ALL | 503522 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-04 |
| 733 | ALL | 503572 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-04 |
| 734 | ALL | 503622 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-03 |
| 735 | ALL | 503672 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-03 |
| 736 | ALL | 503722 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-03 |
| 737 | ALL | 503772 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-03 |
| 738 | ALL | 503822 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-03 |
| 739 | ALL | 504622 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 740 | ALL | 504672 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.49E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 741 | ALL | 504722 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 |
| 742 | ALL | 502722 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 743 | ALL | 502772 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 744 | ALL | 502822 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 745 | ALL | 502872 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 746 | ALL | 502922 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 747 | ALL | 502972 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 |
| 748 | ALL | 503022 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-04 |
| 749 | ALL | 503072 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.68E-04 |
| 750 | ALL | 503122 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 751 | ALL | 503172 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.21E-04 |
| 752 | ALL | 503222 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-04 |
| 753 | ALL | 503272 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.94E-04 |
| 754 | ALL | 503322 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-04 |
| 755 | ALL | 503372 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.93E-04 |
| 756 | ALL | 503422 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-04 |
| 757 | ALL | 503472 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-04 |
| 758 | ALL | 503522 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-04 |
| 759 | ALL | 503572 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-04 |
| 760 | ALL | 503622 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-04 |
| 761 | ALL | 503672 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-04 |
| 762 | ALL | 503722 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-03 |
| 763 | ALL | 503772 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-03 |
| 764 | ALL | 503822 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-03 |
| 765 | ALL | 503872 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-03 |
| 766 | ALL | 503922 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-04 |
| 767 | ALL | 504672 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 |
| 768 | ALL | 504722 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 769 | ALL | 502722 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 770 | ALL | 502772 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 771 | ALL | 502822 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 772 | ALL | 502872 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 773 | ALL | 502922 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 774 | ALL | 502972 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 775 | ALL | 503022 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 776 | ALL | 503072 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 |
| 777 | ALL | 503122 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.77E-04 |
| 778 | ALL | 503172 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 779 | ALL | 503222 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-04 |
| 780 | ALL | 503272 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-04 |
| 781 | ALL | 503322 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.04E-04 |
| 782 | ALL | 503372 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-04 |
| 783 | ALL | 503422 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 |
| 784 | ALL | 503472 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-04 |
| 785 | ALL | 503522 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.09E-04 |
| 786 | ALL | 503572 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-04 |
| 787 | ALL | 503622 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-04 |
| 788 | ALL | 503672 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-04 |
| 789 | ALL | 503722 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-04 |
| 790 | ALL | 503772 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-04 |
| 791 | ALL | 503822 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-04 |
| 792 | ALL | 503872 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-04 |
| 793 | ALL | 503922 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 794 | ALL | 504722 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 795 | ALL | 502722 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 796 | ALL | 502772 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 797 | ALL | 502822 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 798 | ALL | 502872 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 799 | ALL | 502922 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 800 | ALL | 502972 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 801 | ALL | 503022 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 802 | ALL | 503072 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 803 | ALL | 503122 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-04 |
| 804 | ALL | 503172 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.85E-04 |
| 805 | ALL | 503222 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 806 | ALL | 503272 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-04 |
| 807 | ALL | 503322 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-04 |
| 808 | ALL | 503372 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 809 | ALL | 503422 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-04 |
| 810 | ALL | 503472 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-04 |
| 811 | ALL | 503522 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-04 |
| 812 | ALL | 503572 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-04 |
| 813 | ALL | 503622 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-04 |
| 814 | ALL | 503672 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-04 |
| 815 | ALL | 503722 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-04 |
| 816 | ALL | 503772 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-04 |
| 817 | ALL | 503822 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-04 |
| 818 | ALL | 503872 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-04 |
| 819 | ALL | 502722 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 820 | ALL | 502772 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 821 | ALL | 502822 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 822 | ALL | 502872 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 823 | ALL | 502922 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 824 | ALL | 502972 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 |
| 825 | ALL | 503022 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-04 |
| 826 | ALL | 503072 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-04 |
| 827 | ALL | 503122 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 |
| 828 | ALL | 503172 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-04 |
| 829 | ALL | 503222 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-04 |
| 830 | ALL | 503272 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-04 |
| 831 | ALL | 503322 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-04 |
| 832 | ALL | 503372 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-04 |
| 833 | ALL | 503422 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-04 |
| 834 | ALL | 503472 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 |
| 835 | ALL | 503522 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-04 |
| 836 | ALL | 503572 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-04 |
| 837 | ALL | 503622 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-04 |
| 838 | ALL | 503672 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-04 |
| 839 | ALL | 503722 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.58E-04 |
| 840 | ALL | 503772 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-04 |
| 841 | ALL | 503822 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-04 |
| 842 | ALL | 503872 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-04 |
| 843 | ALL | 502722 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 844 | ALL | 502772 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 845 | ALL | 502822 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 846 | ALL | 502872 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 847 | ALL | 502922 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 848 | ALL | 502972 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 |
| 849 | ALL | 503022 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 850 | ALL | 503072 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 851 | ALL | 503122 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 852 | ALL | 503172 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 |
| 853 | ALL | 503222 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 854 | ALL | 503272 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 855 | ALL | 503322 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.13E-04 |
| 856 | ALL | 503372 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-04 |
| 857 | ALL | 503422 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 858 | ALL | 503472 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.85E-04 |
| 859 | ALL | 503522 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-04 |
| 860 | ALL | 503572 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 |
| 861 | ALL | 503622 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.53E-04 |
| 862 | ALL | 503672 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 |
| 863 | ALL | 503722 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.84E-04 |
| 864 | ALL | 503772 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-04 |
| 865 | ALL | 503822 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-04 |
| 866 | ALL | 504372 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 867 | ALL | 502722 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 868 | ALL | 502772 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 869 | ALL | 502822 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 870 | ALL | 502872 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 871 | ALL | 502922 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 872 | ALL | 502972 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 873 | ALL | 503022 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 874 | ALL | 503072 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 875 | ALL | 503122 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 876 | ALL | 503172 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 877 | ALL | 503222 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 |
| 878 | ALL | 503272 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-04 |
| 879 | ALL | 503322 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-04 |
| 880 | ALL | 503372 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-04 |
| 881 | ALL | 503422 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 882 | ALL | 503472 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-04 |
| 883 | ALL | 503522 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-04 |
| 884 | ALL | 503572 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 885 | ALL | 503622 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-04 |
| 886 | ALL | 503672 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-04 |
| 887 | ALL | 503722 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-04 |
| 888 | ALL | 503772 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-04 |
| 889 | ALL | 503822 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.32E-04 |
| 890 | ALL | 504372 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 891 | ALL | 504422 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 892 | ALL | 504472 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 |
| 893 | ALL | 504522 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 894 | ALL | 502722 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 895 | ALL | 502772 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 896 | ALL | 502822 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 897 | ALL | 502872 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 898 | ALL | 502922 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 899 | ALL | 502972 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 900 | ALL | 503022 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 901 | ALL | 503072 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 902 | ALL | 503122 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 903 | ALL | 503172 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 |
| 904 | ALL | 503222 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 905 | ALL | 503272 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-04 |
| 906 | ALL | 503322 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.65E-04 |
| 907 | ALL | 503372 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-04 |
| 908 | ALL | 503422 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-04 |
| 909 | ALL | 503472 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 910 | ALL | 503522 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 911 | ALL | 503572 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-04 |
| 912 | ALL | 503622 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.49E-04 |
| 913 | ALL | 503672 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-04 |
| 914 | ALL | 503722 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-04 |
| 915 | ALL | 503772 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.82E-04 |
| 916 | ALL | 503822 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-04 |
| 917 | ALL | 504372 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 |
| 918 | ALL | 504422 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.37E-04 |
| 919 | ALL | 504472 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-04 |
| 920 | ALL | 504522 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.12E-04 |
| 921 | ALL | 504572 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 922 | ALL | 502722 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 923 | ALL | 502772 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 924 | ALL | 502822 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 925 | ALL | 502872 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 926 | ALL | 502922 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 927 | ALL | 502972 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 928 | ALL | 503022 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 929 | ALL | 503072 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 930 | ALL | 503122 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-04 |
| 931 | ALL | 503172 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 932 | ALL | 503222 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.19E-04 |
| 933 | ALL | 503272 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 934 | ALL | 503322 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.44E-04 |
| 935 | ALL | 503372 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 936 | ALL | 503422 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.70E-04 |
| 937 | ALL | 503472 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 938 | ALL | 503522 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 939 | ALL | 503572 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-04 |
| 940 | ALL | 503622 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-04 |
| 941 | ALL | 503672 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-04 |
| 942 | ALL | 503722 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-04 |
| 943 | ALL | 503772 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.35E-04 |
| 944 | ALL | 503822 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.19E-04 |
| 945 | ALL | 504372 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-04 |
| 946 | ALL | 504422 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.21E-04 |
| 947 | ALL | 504472 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 948 | ALL | 504522 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 |
| 949 | ALL | 504572 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 |
| 950 | ALL | 504622 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 951 | ALL | 502722 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 952 | ALL | 502772 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 953 | ALL | 502822 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 954 | ALL | 502872 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 955 | ALL | 502922 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 956 | ALL | 502972 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 957 | ALL | 503022 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 958 | ALL | 503072 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 959 | ALL | 503122 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 960 | ALL | 503172 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 961 | ALL | 503222 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 962 | ALL | 503272 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 963 | ALL | 503322 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 964 | ALL | 503372 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-04 |
| 965 | ALL | 503422 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 |
| 966 | ALL | 503472 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.57E-04 |
| 967 | ALL | 503522 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 |
| 968 | ALL | 503572 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-04 |
| 969 | ALL | 503622 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.81E-04 |
| 970 | ALL | 503672 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| 971 | ALL | 504372 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-04 |
| 972 | ALL | 504422 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 973 | ALL | 504472 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 974 | ALL | 504522 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 975 | ALL | 504572 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 976 | ALL | 504622 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 977 | ALL | 502722 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 978 | ALL | 502772 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 979 | ALL | 502822 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 980 | ALL | 502872 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 981 | ALL | 502922 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 982 | ALL | 502972 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 983 | ALL | 503022 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 984 | ALL | 503072 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 985 | ALL | 503122 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 986 | ALL | 503172 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 987 | ALL | 503222 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 988 | ALL | 503272 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-04 |
| 989 | ALL | 503322 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-04 |
| 990 | ALL | 503372 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-04 |
| 991 | ALL | 503422 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.26E-04 |
| 992 | ALL | 503472 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 993 | ALL | 503522 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.42E-04 |
| 994 | ALL | 503572 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 |
| 995 | ALL | 503622 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-04 |
| 996 | ALL | 504372 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 997 | ALL | 504422 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 998 | ALL | 504472 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 999 | ALL | 504522 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 1000 | ALL | 504572 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 1001 | ALL | 504622 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1002 | ALL | 504672 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1003 | ALL | 502722 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1004 | ALL | 502772 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1005 | ALL | 502822 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1006 | ALL | 502872 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1007 | ALL | 502922 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1008 | ALL | 502972 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1009 | ALL | 503022 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1010 | ALL | 503072 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1011 | ALL | 503122 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1012 | ALL | 503172 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 1013 | ALL | 503222 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 1014 | ALL | 503272 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 1015 | ALL | 503322 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 1016 | ALL | 503372 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 1017 | ALL | 503422 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 1018 | ALL | 503472 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 1019 | ALL | 503522 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 1020 | ALL | 503572 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 |
| 1021 | ALL | 503622 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-04 |
| 1022 | ALL | 504372 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 1023 | ALL | 504422 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-04 |
| 1024 | ALL | 504472 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 1025 | ALL | 504522 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 1026 | ALL | 504572 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 1027 | ALL | 504622 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 1028 | ALL | 504672 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1029 | ALL | 504722 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 1030 | ALL | 502722 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1031 | ALL | 502772 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1032 | ALL | 502822 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1033 | ALL | 502872 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1034 | ALL | 502922 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1035 | ALL | 502972 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 1036 | ALL | 503022 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1037 | ALL | 503072 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1038 | ALL | 503122 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1039 | ALL | 503172 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1040 | ALL | 503222 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 1041 | ALL | 503272 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 1042 | ALL | 503322 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 1043 | ALL | 503372 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 1044 | ALL | 503422 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-04 |
| 1045 | ALL | 503472 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-04 |
| 1046 | ALL | 503522 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.04E-04 |
| 1047 | ALL | 503572 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-04 |
| 1048 | ALL | 503622 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 1049 | ALL | 503672 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 |
| 1050 | ALL | 503722 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-04 |
| 1051 | ALL | 504372 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 1052 | ALL | 504422 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 1053 | ALL | 504472 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 1054 | ALL | 504522 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 1055 | ALL | 504572 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1056 | ALL | 504622 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1057 | ALL | 504672 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1058 | ALL | 504722 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1059 | ALL | 502722 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1060 | ALL | 502772 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1061 | ALL | 502822 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1062 | ALL | 502872 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1063 | ALL | 502922 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1064 | ALL | 502972 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1065 | ALL | 503022 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1066 | ALL | 503072 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1067 | ALL | 503122 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1068 | ALL | 503172 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 1069 | ALL | 503222 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 1070 | ALL | 503272 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 1071 | ALL | 503322 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 1072 | ALL | 503372 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 1073 | ALL | 503422 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 1074 | ALL | 503472 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 1075 | ALL | 503522 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 1076 | ALL | 503572 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 1077 | ALL | 503622 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 1078 | ALL | 503672 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.99E-04 |
| 1079 | ALL | 503722 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 1080 | ALL | 503772 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 1081 | ALL | 503822 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 1082 | ALL | 504372 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 1083 | ALL | 504422 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1084 | ALL | 504472 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 1085 | ALL | 504522 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 1086 | ALL | 504572 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1087 | ALL | 504622 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 1088 | ALL | 504672 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1089 | ALL | 504722 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1090 | ALL | 502722 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.92E-05 |
| 1091 | ALL | 502772 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1092 | ALL | 502822 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1093 | ALL | 502872 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1094 | ALL | 502922 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1095 | ALL | 502972 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1096 | ALL | 503022 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1097 | ALL | 503072 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1098 | ALL | 503122 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1099 | ALL | 503172 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1100 | ALL | 503222 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1101 | ALL | 503272 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 1102 | ALL | 503322 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 1103 | ALL | 503372 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1104 | ALL | 503422 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 1105 | ALL | 503472 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 1106 | ALL | 503522 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 1107 | ALL | 503572 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 1108 | ALL | 503622 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 1109 | ALL | 503672 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 1110 | ALL | 503722 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 1111 | ALL | 503772 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1112 | ALL | 503822 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 1113 | ALL | 503872 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 |
| 1114 | ALL | 503922 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 1115 | ALL | 504372 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1116 | ALL | 504422 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 1117 | ALL | 504472 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 1118 | ALL | 504522 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1119 | ALL | 504572 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 1120 | ALL | 504622 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1121 | ALL | 504672 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1122 | ALL | 504722 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1123 | ALL | 502222 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1124 | ALL | 502272 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 1125 | ALL | 502322 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1126 | ALL | 502372 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 1127 | ALL | 502422 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1128 | ALL | 502472 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1129 | ALL | 502522 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1130 | ALL | 502572 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1131 | ALL | 502622 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1132 | ALL | 502672 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1133 | ALL | 502722 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1134 | ALL | 502772 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 1135 | ALL | 502822 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1136 | ALL | 502872 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1137 | ALL | 502922 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1138 | ALL | 502972 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1139 | ALL | 503022 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1140 | ALL | 503072 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1141 | ALL | 503122 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 1142 | ALL | 503172 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1143 | ALL | 503222 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 1144 | ALL | 503272 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 1145 | ALL | 503322 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 1146 | ALL | 503372 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 1147 | ALL | 503422 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 1148 | ALL | 503472 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-04 |
| 1149 | ALL | 503622 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-04 |
| 1150 | ALL | 503672 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 1151 | ALL | 503722 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1152 | ALL | 503772 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1153 | ALL | 503822 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 |
| 1154 | ALL | 503872 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 |
| 1155 | ALL | 503922 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 |
| 1156 | ALL | 503972 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 |
| 1157 | ALL | 504022 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 1158 | ALL | 504072 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 1159 | ALL | 504122 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 |
| 1160 | ALL | 504172 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 |
| 1161 | ALL | 504222 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 |
| 1162 | ALL | 504272 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 1163 | ALL | 504322 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.33E-05 |
| 1164 | ALL | 504372 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1165 | ALL | 504422 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 |
| 1166 | ALL | 504472 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1167 | ALL | 504522 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 1168 | ALL | 504572 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 1169 | ALL | 504622 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 1170 | ALL | 504672 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 1171 | ALL | 504722 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-05 |
| 1172 | ALL | 504772 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 |
| 1173 | ALL | 504822 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 |
| 1174 | ALL | 504872 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.61E-05 |
| 1175 | ALL | 504922 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.58E-05 |
| 1176 | ALL | 504972 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 1177 | ALL | 505022 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 |
| 1178 | ALL | 505072 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1179 | ALL | 505122 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 1180 | ALL | 505172 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 1181 | ALL | 505222 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 1182 | ALL | 502222 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1183 | ALL | 502272 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 1184 | ALL | 502322 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1185 | ALL | 502372 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1186 | ALL | 502422 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1187 | ALL | 502472 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1188 | ALL | 502522 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1189 | ALL | 502572 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1190 | ALL | 502622 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 1191 | ALL | 502672 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1192 | ALL | 502722 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1193 | ALL | 502772 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 1194 | ALL | 502822 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1195 | ALL | 502872 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1196 | ALL | 502922 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1197 | ALL | 502972 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.80E-05 |
| 1198 | ALL | 503022 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1199 | ALL | 503072 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1200 | ALL | 503122 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1201 | ALL | 503172 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1202 | ALL | 503222 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 1203 | ALL | 503272 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1204 | ALL | 503322 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 1205 | ALL | 503372 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 1206 | ALL | 503422 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 1207 | ALL | 503472 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 1208 | ALL | 503622 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-04 |
| 1209 | ALL | 503672 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 1210 | ALL | 503722 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 1211 | ALL | 503772 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1212 | ALL | 503822 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 |
| 1213 | ALL | 503872 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 1214 | ALL | 503922 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 1215 | ALL | 503972 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 |
| 1216 | ALL | 504022 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 1217 | ALL | 504072 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1218 | ALL | 504122 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 |
| 1219 | ALL | 504172 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 1220 | ALL | 504222 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 1221 | ALL | 504272 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 1222 | ALL | 504322 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.54E-05 |
| 1223 | ALL | 504372 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 1224 | ALL | 504422 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1225 | ALL | 504472 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 1226 | ALL | 504522 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 1227 | ALL | 504572 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 |
| 1228 | ALL | 504622 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 1229 | ALL | 504672 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1230 | ALL | 504722 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 1231 | ALL | 504772 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 |
| 1232 | ALL | 504822 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 1233 | ALL | 504872 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.86E-05 |
| 1234 | ALL | 504922 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 1235 | ALL | 504972 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 1236 | ALL | 505022 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |
| 1237 | ALL | 505072 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 1238 | ALL | 505122 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 1239 | ALL | 505172 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-05 |
| 1240 | ALL | 505222 | 3633026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 1241 | ALL | 502222 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1242 | ALL | 502272 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1243 | ALL | 502322 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1244 | ALL | 502372 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1245 | ALL | 502422 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1246 | ALL | 502472 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 1247 | ALL | 502522 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1248 | ALL | 502572 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1249 | ALL | 502622 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1250 | ALL | 502672 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1251 | ALL | 502722 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1252 | ALL | 502772 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 1253 | ALL | 502822 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1254 | ALL | 502872 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1255 | ALL | 502922 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1256 | ALL | 502972 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1257 | ALL | 503022 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1258 | ALL | 503072 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1259 | ALL | 503122 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1260 | ALL | 503172 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1261 | ALL | 503222 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 1262 | ALL | 503272 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 1263 | ALL | 503322 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 1264 | ALL | 503372 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 1265 | ALL | 503422 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 1266 | ALL | 503472 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 |
| 1267 | ALL | 503622 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-04 |
| 1268 | ALL | 503672 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 1269 | ALL | 503722 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 1270 | ALL | 503772 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1271 | ALL | 503822 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 1272 | ALL | 503872 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 |
| 1273 | ALL | 503922 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.29E-05 |
| 1274 | ALL | 503972 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 |
| 1275 | ALL | 504022 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.69E-05 |
| 1276 | ALL | 504072 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.46E-05 |
| 1277 | ALL | 504122 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 |
| 1278 | ALL | 504172 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 1279 | ALL | 504222 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 1280 | ALL | 504272 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.89E-05 |
| 1281 | ALL | 504322 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 1282 | ALL | 504372 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 1283 | ALL | 504422 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 1284 | ALL | 504472 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 1285 | ALL | 504522 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-05 |
| 1286 | ALL | 504572 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 1287 | ALL | 504622 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 1288 | ALL | 504672 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 1289 | ALL | 504722 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-05 |
| 1290 | ALL | 504772 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 1291 | ALL | 504822 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 |
| 1292 | ALL | 504872 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 1293 | ALL | 504922 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 1294 | ALL | 504972 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 1295 | ALL | 505022 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.98E-05 |
| 1296 | ALL | 505072 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1297 | ALL | 505122 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.94E-05 |
| 1298 | ALL | 505172 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 1299 | ALL | 505222 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 |
| 1300 | ALL | 502222 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1301 | ALL | 502272 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1302 | ALL | 502322 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1303 | ALL | 502372 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1304 | ALL | 502422 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1305 | ALL | 502472 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1306 | ALL | 502522 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1307 | ALL | 502572 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1308 | ALL | 502622 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1309 | ALL | 502672 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1310 | ALL | 502722 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1311 | ALL | 502772 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1312 | ALL | 502822 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1313 | ALL | 502872 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1314 | ALL | 502922 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1315 | ALL | 502972 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1316 | ALL | 503022 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1317 | ALL | 503072 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1318 | ALL | 503122 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1319 | ALL | 503172 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 1320 | ALL | 503222 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1321 | ALL | 503272 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 1322 | ALL | 503322 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 1323 | ALL | 503372 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1324 | ALL | 503422 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 1325 | ALL | 503472 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 |
| 1326 | ALL | 503622 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-04 |
| 1327 | ALL | 503672 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.90E-04 |
| 1328 | ALL | 503722 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1329 | ALL | 503772 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1330 | ALL | 503822 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 |
| 1331 | ALL | 503872 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 |
| 1332 | ALL | 503922 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.56E-05 |
| 1333 | ALL | 503972 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 1334 | ALL | 504022 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 1335 | ALL | 504072 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 |
| 1336 | ALL | 504122 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 1337 | ALL | 504172 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 |
| 1338 | ALL | 504222 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 1339 | ALL | 504272 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 |
| 1340 | ALL | 504322 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 |
| 1341 | ALL | 504372 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 1342 | ALL | 504422 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 1343 | ALL | 504472 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 |
| 1344 | ALL | 504522 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.57E-05 |
| 1345 | ALL | 504572 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 1346 | ALL | 504622 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 1347 | ALL | 504672 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 1348 | ALL | 504722 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.43E-05 |
| 1349 | ALL | 504772 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 1350 | ALL | 504822 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 1351 | ALL | 504872 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 1352 | ALL | 504922 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-05 |
| 1353 | ALL | 504972 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 |
| 1354 | ALL | 505022 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1355 | ALL | 505072 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-05 |
| 1356 | ALL | 505122 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 1357 | ALL | 505172 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 1358 | ALL | 505222 | 3633126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-05 |
| 1359 | ALL | 502222 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1360 | ALL | 502272 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1361 | ALL | 502322 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1362 | ALL | 502372 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1363 | ALL | 502422 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1364 | ALL | 502472 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1365 | ALL | 502522 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1366 | ALL | 502572 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1367 | ALL | 502622 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1368 | ALL | 502672 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1369 | ALL | 502722 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1370 | ALL | 502772 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 1371 | ALL | 502822 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1372 | ALL | 502872 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1373 | ALL | 502922 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1374 | ALL | 502972 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1375 | ALL | 503022 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1376 | ALL | 503072 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1377 | ALL | 503122 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1378 | ALL | 503172 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1379 | ALL | 503222 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1380 | ALL | 503272 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1381 | ALL | 503322 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 1382 | ALL | 503372 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 1383 | ALL | 503422 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 1384 | ALL | 503472 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 |
| 1385 | ALL | 503622 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.52E-04 |
| 1386 | ALL | 503672 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 1387 | ALL | 503722 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1388 | ALL | 503772 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1389 | ALL | 503822 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 |
| 1390 | ALL | 503872 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 |
| 1391 | ALL | 503922 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 |
| 1392 | ALL | 503972 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 1393 | ALL | 504022 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.22E-05 |
| 1394 | ALL | 504072 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.05E-05 |
| 1395 | ALL | 504122 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 1396 | ALL | 504172 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 |
| 1397 | ALL | 504222 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 |
| 1398 | ALL | 504272 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 1399 | ALL | 504322 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 |
| 1400 | ALL | 504372 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.28E-05 |
| 1401 | ALL | 504422 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.12E-05 |
| 1402 | ALL | 504472 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.96E-05 |
| 1403 | ALL | 504522 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 |
| 1404 | ALL | 504572 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 1405 | ALL | 504622 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 1406 | ALL | 504672 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 1407 | ALL | 504722 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 1408 | ALL | 504772 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 |
| 1409 | ALL | 504822 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 |
| 1410 | ALL | 504872 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-05 |
| 1411 | ALL | 504922 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.81E-05 |
| 1412 | ALL | 504972 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 |
| 1413 | ALL | 505022 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 1414 | ALL | 505072 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 1415 | ALL | 505122 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 1416 | ALL | 505172 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-05 |
| 1417 | ALL | 505222 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 1418 | ALL | 502222 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 1419 | ALL | 502272 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 |
| 1420 | ALL | 502322 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1421 | ALL | 502372 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1422 | ALL | 502422 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1423 | ALL | 502472 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1424 | ALL | 502522 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1425 | ALL | 502572 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1426 | ALL | 502622 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1427 | ALL | 502672 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1428 | ALL | 502722 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1429 | ALL | 502772 | 3633226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1430 | ALL | 502822 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1431 | ALL | 502872 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1432 | ALL | 502922 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1433 | ALL | 502972 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 1434 | ALL | 503022 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1435 | ALL | 503072 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1436 | ALL | 503122 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 1437 | ALL | 503172 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 1438 | ALL | 503222 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1439 | ALL | 503272 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 1440 | ALL | 503322 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 1441 | ALL | 503372 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 1442 | ALL | 503422 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 1443 | ALL | 503472 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 |
| 1444 | ALL | 503622 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.53E-04 |
| 1445 | ALL | 503672 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 1446 | ALL | 503722 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1447 | ALL | 503772 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1448 | ALL | 503822 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 |
| 1449 | ALL | 503872 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 1450 | ALL | 503922 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 |
| 1451 | ALL | 503972 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-05 |
| 1452 | ALL | 504022 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 |
| 1453 | ALL | 504072 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 |
| 1454 | ALL | 504122 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 1455 | ALL | 504172 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 1456 | ALL | 504222 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 1457 | ALL | 504272 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.82E-05 |
| 1458 | ALL | 504322 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 |
| 1459 | ALL | 504372 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 |
| 1460 | ALL | 504422 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 1461 | ALL | 504472 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 1462 | ALL | 504522 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 1463 | ALL | 504572 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 1464 | ALL | 504622 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 1465 | ALL | 504672 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 1466 | ALL | 504722 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 |
| 1467 | ALL | 504772 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 1468 | ALL | 504822 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 1469 | ALL | 504872 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 1470 | ALL | 504922 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 |
| 1471 | ALL | 504972 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 |
| 1472 | ALL | 505022 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 1473 | ALL | 505072 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 |
| 1474 | ALL | 505122 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 1475 | ALL | 505172 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 1476 | ALL | 505222 | 3633226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 1477 | ALL | 502222 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-05 |
| 1478 | ALL | 502272 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 1479 | ALL | 502322 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 |
| 1480 | ALL | 502372 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1481 | ALL | 502422 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1482 | ALL | 502472 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1483 | ALL | 502522 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1484 | ALL | 502572 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1485 | ALL | 502622 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1486 | ALL | 502672 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1487 | ALL | 502722 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1488 | ALL | 502772 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1489 | ALL | 502822 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1490 | ALL | 502872 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1491 | ALL | 502922 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 1492 | ALL | 502972 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1493 | ALL | 503022 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1494 | ALL | 503072 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1495 | ALL | 503122 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1496 | ALL | 503172 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 1497 | ALL | 503222 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 1498 | ALL | 503272 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1499 | ALL | 503322 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 1500 | ALL | 503372 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 1501 | ALL | 503422 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 1502 | ALL | 503472 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.95E-04 |
| 1503 | ALL | 503622 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-04 |
| 1504 | ALL | 503672 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 1505 | ALL | 503722 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1506 | ALL | 503772 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1507 | ALL | 503822 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 |
| 1508 | ALL | 503872 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 1509 | ALL | 503922 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-05 |
| 1510 | ALL | 503972 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 1511 | ALL | 504022 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 1512 | ALL | 504072 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 1513 | ALL | 504122 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 |
| 1514 | ALL | 504172 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 |
| 1515 | ALL | 504222 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 1516 | ALL | 504272 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |
| 1517 | ALL | 504322 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 1518 | ALL | 504372 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 1519 | ALL | 504422 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 |
| 1520 | ALL | 504472 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 1521 | ALL | 504522 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-05 |
| 1522 | ALL | 504572 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 |
| 1523 | ALL | 504622 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 1524 | ALL | 504672 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 1525 | ALL | 504722 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 1526 | ALL | 504772 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 |
| 1527 | ALL | 504822 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.47E-05 |
| 1528 | ALL | 504872 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 1529 | ALL | 504922 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-05 |
| 1530 | ALL | 504972 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 1531 | ALL | 505022 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 |
| 1532 | ALL | 505072 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-05 |
| 1533 | ALL | 505122 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 |
| 1534 | ALL | 505172 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 |
| 1535 | ALL | 505222 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.95E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1536 | ALL | 502222 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-05 |
| 1537 | ALL | 502272 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 |
| 1538 | ALL | 502322 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 1539 | ALL | 502372 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1540 | ALL | 502422 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1541 | ALL | 502472 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1542 | ALL | 502522 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1543 | ALL | 502572 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1544 | ALL | 502622 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1545 | ALL | 502672 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1546 | ALL | 502722 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1547 | ALL | 502772 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1548 | ALL | 502822 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1549 | ALL | 502872 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1550 | ALL | 502922 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1551 | ALL | 502972 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1552 | ALL | 503022 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1553 | ALL | 503072 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 1554 | ALL | 503122 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1555 | ALL | 503172 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 1556 | ALL | 503222 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 1557 | ALL | 503272 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 1558 | ALL | 503322 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 1559 | ALL | 503372 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 1560 | ALL | 503422 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |
| 1561 | ALL | 503472 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1562 | ALL | 503622 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 1563 | ALL | 503672 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 1564 | ALL | 503722 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1565 | ALL | 503772 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1566 | ALL | 503822 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 |
| 1567 | ALL | 503872 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 1568 | ALL | 503922 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.35E-05 |
| 1569 | ALL | 503972 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 |
| 1570 | ALL | 504022 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 |
| 1571 | ALL | 504072 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 |
| 1572 | ALL | 504122 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 1573 | ALL | 504172 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 1574 | ALL | 504222 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |
| 1575 | ALL | 504272 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.78E-05 |
| 1576 | ALL | 504322 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 |
| 1577 | ALL | 504372 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 |
| 1578 | ALL | 504422 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 1579 | ALL | 504472 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 1580 | ALL | 504522 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 |
| 1581 | ALL | 504572 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 1582 | ALL | 504622 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 |
| 1583 | ALL | 504672 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 |
| 1584 | ALL | 504722 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 1585 | ALL | 504772 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 1586 | ALL | 504822 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 1587 | ALL | 504872 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 1588 | ALL | 504922 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1589 | ALL | 504972 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.00E-05 |
| 1590 | ALL | 505022 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 |
| 1591 | ALL | 505072 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 |
| 1592 | ALL | 505122 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 1593 | ALL | 505172 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 1594 | ALL | 505222 | 3633326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 |
| 1595 | ALL | 502222 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.16E-05 |
| 1596 | ALL | 502272 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 |
| 1597 | ALL | 502322 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 1598 | ALL | 502372 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1599 | ALL | 502422 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1600 | ALL | 502472 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1601 | ALL | 502522 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1602 | ALL | 502572 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1603 | ALL | 502622 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1604 | ALL | 502672 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1605 | ALL | 502722 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1606 | ALL | 502772 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 1607 | ALL | 502822 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1608 | ALL | 502872 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1609 | ALL | 502922 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1610 | ALL | 502972 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 1611 | ALL | 503022 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 1612 | ALL | 503072 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1613 | ALL | 503122 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 1614 | ALL | 503172 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-04 |
| 1615 | ALL | 503222 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 1616 | ALL | 503272 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 1617 | ALL | 503322 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 1618 | ALL | 503372 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 |
| 1619 | ALL | 503422 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 1620 | ALL | 503472 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 1621 | ALL | 503622 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-04 |
| 1622 | ALL | 503672 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 1623 | ALL | 503722 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1624 | ALL | 503772 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1625 | ALL | 503822 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1626 | ALL | 503872 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1627 | ALL | 503922 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1628 | ALL | 503972 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1629 | ALL | 504022 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1630 | ALL | 504072 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 |
| 1631 | ALL | 504122 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 |
| 1632 | ALL | 504172 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 |
| 1633 | ALL | 504222 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 |
| 1634 | ALL | 504272 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 |
| 1635 | ALL | 504322 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 |
| 1636 | ALL | 504372 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 |
| 1637 | ALL | 504422 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.28E-05 |
| 1638 | ALL | 504472 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 |
| 1639 | ALL | 504522 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 |
| 1640 | ALL | 504572 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 |
| 1641 | ALL | 504622 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1642 | ALL | 504672 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |
| 1643 | ALL | 504722 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 |
| 1644 | ALL | 504772 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 1645 | ALL | 504822 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 1646 | ALL | 504872 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1647 | ALL | 504922 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 1648 | ALL | 504972 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 |
| 1649 | ALL | 505022 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 1650 | ALL | 505072 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 |
| 1651 | ALL | 505122 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 |
| 1652 | ALL | 505172 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 1653 | ALL | 505222 | 3633376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.63E-05 |
| 1654 | ALL | 502222 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 1655 | ALL | 502272 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 |
| 1656 | ALL | 502322 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 1657 | ALL | 502372 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.92E-05 |
| 1658 | ALL | 502422 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1659 | ALL | 502472 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1660 | ALL | 502522 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1661 | ALL | 502572 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1662 | ALL | 502622 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1663 | ALL | 502672 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1664 | ALL | 502722 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1665 | ALL | 502772 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1666 | ALL | 502822 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1667 | ALL | 502872 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1668 | ALL | 502922 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1669 | ALL | 502972 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 1670 | ALL | 503022 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 1671 | ALL | 503072 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 1672 | ALL | 503122 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-04 |
| 1673 | ALL | 503172 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.79E-04 |
| 1674 | ALL | 503222 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 1675 | ALL | 503272 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 1676 | ALL | 503322 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-04 |
| 1677 | ALL | 503372 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 1678 | ALL | 503422 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 1679 | ALL | 503472 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.27E-04 |
| 1680 | ALL | 503622 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.63E-04 |
| 1681 | ALL | 503672 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-04 |
| 1682 | ALL | 503722 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1683 | ALL | 503772 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1684 | ALL | 503822 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1685 | ALL | 503872 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1686 | ALL | 503922 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1687 | ALL | 503972 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1688 | ALL | 504022 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1689 | ALL | 504072 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1690 | ALL | 504122 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1691 | ALL | 504172 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 1692 | ALL | 504222 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 |
| 1693 | ALL | 504272 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1694 | ALL | 504322 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1695 | ALL | 504372 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 |
| 1696 | ALL | 504422 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 1697 | ALL | 504472 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 1698 | ALL | 504522 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 1699 | ALL | 504572 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 |
| 1700 | ALL | 504622 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 |
| 1701 | ALL | 504672 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 |
| 1702 | ALL | 504722 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 |
| 1703 | ALL | 504772 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-05 |
| 1704 | ALL | 504822 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 |
| 1705 | ALL | 504872 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.47E-05 |
| 1706 | ALL | 504922 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 |
| 1707 | ALL | 504972 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 |
| 1708 | ALL | 505022 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 |
| 1709 | ALL | 505072 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.34E-05 |
| 1710 | ALL | 505122 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 |
| 1711 | ALL | 505172 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 1712 | ALL | 505222 | 3633426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 |
| 1713 | ALL | 502222 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 |
| 1714 | ALL | 502272 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 |
| 1715 | ALL | 502322 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 |
| 1716 | ALL | 502372 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 |
| 1717 | ALL | 502422 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1718 | ALL | 502472 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1719 | ALL | 502522 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1720 | ALL | 502572 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1721 | ALL | 502622 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1722 | ALL | 502672 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 1723 | ALL | 504772 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 |
| 1724 | ALL | 504822 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 |
| 1725 | ALL | 504872 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 |
| 1726 | ALL | 504922 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 1727 | ALL | 504972 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 1728 | ALL | 505022 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 |
| 1729 | ALL | 505072 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-05 |
| 1730 | ALL | 505122 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 1731 | ALL | 505172 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 1732 | ALL | 505222 | 3633476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-05 |
| 1733 | ALL | 502222 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-05 |
| 1734 | ALL | 502272 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 1735 | ALL | 502322 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 |
| 1736 | ALL | 502372 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.93E-05 |
| 1737 | ALL | 502422 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1738 | ALL | 502472 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1739 | ALL | 502522 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1740 | ALL | 502572 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1741 | ALL | 502622 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1742 | ALL | 502672 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1743 | ALL | 504772 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1744 | ALL | 504822 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 1745 | ALL | 504872 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.72E-05 |
| 1746 | ALL | 504922 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 |
| 1747 | ALL | 504972 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1748 | ALL | 505022 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 1749 | ALL | 505072 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 1750 | ALL | 505122 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 1751 | ALL | 505172 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.65E-05 |
| 1752 | ALL | 505222 | 3633526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 |
| 1753 | ALL | 502222 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 |
| 1754 | ALL | 502272 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 1755 | ALL | 502322 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 |
| 1756 | ALL | 502372 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 |
| 1757 | ALL | 502422 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1758 | ALL | 502472 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1759 | ALL | 502522 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1760 | ALL | 502572 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1761 | ALL | 502622 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1762 | ALL | 502672 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1763 | ALL | 504772 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1764 | ALL | 504822 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1765 | ALL | 504872 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1766 | ALL | 504922 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1767 | ALL | 504972 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 |
| 1768 | ALL | 505022 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 |
| 1769 | ALL | 505072 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 |
| 1770 | ALL | 505122 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 |
| 1771 | ALL | 505172 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 |
| 1772 | ALL | 505222 | 3633576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 |
| 1773 | ALL | 502222 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 |
| 1774 | ALL | 502272 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 |
| 1775 | ALL | 502322 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.65E-05 |
| 1776 | ALL | 502372 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1777 | ALL | 502422 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1778 | ALL | 502472 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1779 | ALL | 502522 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1780 | ALL | 502572 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1781 | ALL | 502622 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 1782 | ALL | 502672 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1783 | ALL | 504772 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1784 | ALL | 504822 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1785 | ALL | 504872 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1786 | ALL | 504922 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1787 | ALL | 504972 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1788 | ALL | 505022 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1789 | ALL | 505072 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 1790 | ALL | 505122 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 1791 | ALL | 505172 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 |
| 1792 | ALL | 505222 | 3633626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 1793 | ALL | 502222 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 |
| 1794 | ALL | 502272 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 |
| 1795 | ALL | 502322 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 |
| 1796 | ALL | 502372 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1797 | ALL | 502422 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1798 | ALL | 502472 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1799 | ALL | 502522 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1800 | ALL | 502572 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1801 | ALL | 502622 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1802 | ALL | 502672 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1803 | ALL | 504772 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1804 | ALL | 504822 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 1805 | ALL | 504872 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1806 | ALL | 504922 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1807 | ALL | 504972 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1808 | ALL | 505022 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1809 | ALL | 505072 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.81E-05 |
| 1810 | ALL | 505122 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 |
| 1811 | ALL | 505172 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 1812 | ALL | 505222 | 3633676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 |
| 1813 | ALL | 502222 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 1814 | ALL | 502272 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.37E-05 |
| 1815 | ALL | 502322 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.75E-05 |
| 1816 | ALL | 502372 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1817 | ALL | 502422 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1818 | ALL | 502472 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1819 | ALL | 502522 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1820 | ALL | 502572 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1821 | ALL | 502622 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1822 | ALL | 502672 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1823 | ALL | 504772 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 1824 | ALL | 504822 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1825 | ALL | 504872 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1826 | ALL | 504922 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1827 | ALL | 504972 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1828 | ALL | 505022 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1829 | ALL | 505072 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.92E-05 |
| 1830 | ALL | 505122 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 1831 | ALL | 505172 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 |
| 1832 | ALL | 505222 | 3633726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 1833 | ALL | 502222 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 |
| 1834 | ALL | 502272 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 1835 | ALL | 502322 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 |
| 1836 | ALL | 502372 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1837 | ALL | 502422 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1838 | ALL | 502472 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1839 | ALL | 502522 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1840 | ALL | 502572 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 1841 | ALL | 502622 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1842 | ALL | 502672 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1843 | ALL | 504772 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1844 | ALL | 504822 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 1845 | ALL | 504872 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 1846 | ALL | 504922 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1847 | ALL | 504972 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1848 | ALL | 505022 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1849 | ALL | 505072 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1850 | ALL | 505122 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.36E-05 |
| 1851 | ALL | 505172 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 |
| 1852 | ALL | 505222 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 |
| 1853 | ALL | 502222 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.16E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1854 | ALL | 502272 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |
| 1855 | ALL | 502322 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.91E-05 |
| 1856 | ALL | 502372 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1857 | ALL | 502422 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1858 | ALL | 502472 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1859 | ALL | 502522 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1860 | ALL | 502572 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1861 | ALL | 502622 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 1862 | ALL | 502672 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1863 | ALL | 504772 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 1864 | ALL | 504822 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 1865 | ALL | 504872 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1866 | ALL | 504922 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1867 | ALL | 504972 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1868 | ALL | 505022 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1869 | ALL | 505072 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1870 | ALL | 505122 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 |
| 1871 | ALL | 505172 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.16E-05 |
| 1872 | ALL | 505222 | 3633826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 1873 | ALL | 502222 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 |
| 1874 | ALL | 502272 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 |
| 1875 | ALL | 502322 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1876 | ALL | 502372 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1877 | ALL | 502422 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1878 | ALL | 502472 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1879 | ALL | 502522 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1880 | ALL | 502572 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1881 | ALL | 502622 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1882 | ALL | 502672 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 1883 | ALL | 504772 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 1884 | ALL | 504822 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 1885 | ALL | 504872 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1886 | ALL | 504922 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 1887 | ALL | 504972 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1888 | ALL | 505022 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1889 | ALL | 505072 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1890 | ALL | 505122 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 1891 | ALL | 505172 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 |
| 1892 | ALL | 505222 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 1893 | ALL | 502222 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 |
| 1894 | ALL | 502272 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 |
| 1895 | ALL | 502322 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1896 | ALL | 502372 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 1897 | ALL | 502422 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1898 | ALL | 502472 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1899 | ALL | 502522 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 1900 | ALL | 502572 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1901 | ALL | 502622 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1902 | ALL | 502672 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 1903 | ALL | 504772 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 1904 | ALL | 504822 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 1905 | ALL | 504872 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1906 | ALL | 504922 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1907 | ALL | 504972 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 1908 | ALL | 505022 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1909 | ALL | 505072 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1910 | ALL | 505122 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 |
| 1911 | ALL | 505172 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |
| 1912 | ALL | 505222 | 3633926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 1913 | ALL | 502222 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 1914 | ALL | 502272 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 1915 | ALL | 502322 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 1916 | ALL | 502372 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1917 | ALL | 502422 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 1918 | ALL | 502472 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1919 | ALL | 502522 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1920 | ALL | 502572 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1921 | ALL | 502622 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 1922 | ALL | 502672 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1923 | ALL | 504772 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 1924 | ALL | 504822 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 1925 | ALL | 504872 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1926 | ALL | 504922 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1927 | ALL | 504972 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1928 | ALL | 505022 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1929 | ALL | 505072 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1930 | ALL | 505122 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 1931 | ALL | 505172 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 |
| 1932 | ALL | 505222 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.17E-05 |
| 1933 | ALL | 502222 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 1934 | ALL | 502272 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 |
| 1935 | ALL | 502322 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1936 | ALL | 502372 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 1937 | ALL | 502422 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1938 | ALL | 502472 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 1939 | ALL | 502522 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 1940 | ALL | 502572 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 1941 | ALL | 502622 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 1942 | ALL | 502672 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 1943 | ALL | 504772 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 1944 | ALL | 504822 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 1945 | ALL | 504872 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 1946 | ALL | 504922 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 1947 | ALL | 504972 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1948 | ALL | 505022 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 1949 | ALL | 505072 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 1950 | ALL | 505122 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.80E-05 |
| 1951 | ALL | 505172 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 |
| 1952 | ALL | 505222 | 3634026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 |
| 1953 | ALL | 502222 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 1954 | ALL | 502272 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.83E-05 |
| 1955 | ALL | 502322 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 1956 | ALL | 502372 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 1957 | ALL | 502422 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 1958 | ALL | 502472 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 1959 | ALL | 502522 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | ALL | 502572 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 1961 | ALL | 502622 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 1962 | ALL | 502672 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 1963 | ALL | 504772 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 1964 | ALL | 504822 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 1965 | ALL | 504872 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 1966 | ALL | 504922 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 1967 | ALL | 504972 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 1968 | ALL | 505022 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1969 | ALL | 505072 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 |
| 1970 | ALL | 505122 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 1971 | ALL | 505172 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 1972 | ALL | 505222 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 1973 | ALL | 502222 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 |
| 1974 | ALL | 502272 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 1975 | ALL | 502322 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1976 | ALL | 502372 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1977 | ALL | 502422 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 1978 | ALL | 502472 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 1979 | ALL | 502522 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 1980 | ALL | 502572 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 1981 | ALL | 502622 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 1982 | ALL | 502672 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 1983 | ALL | 504772 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 1984 | ALL | 504822 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 1985 | ALL | 504872 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 1986 | ALL | 504922 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 1987 | ALL | 504972 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 1988 | ALL | 505022 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 1989 | ALL | 505072 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 |
| 1990 | ALL | 505122 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 |
| 1991 | ALL | 505172 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 1992 | ALL | 505222 | 3634126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 |
| 1993 | ALL | 502222 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-05 |
| 1994 | ALL | 502272 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.90E-05 |
| 1995 | ALL | 502322 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 1996 | ALL | 502372 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 1997 | ALL | 502422 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 1998 | ALL | 502472 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 1999 | ALL | 502522 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2000 | ALL | 502572 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 2001 | ALL | 502622 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 2002 | ALL | 502672 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 2003 | ALL | 504772 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2004 | ALL | 504822 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2005 | ALL | 504872 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2006 | ALL | 504922 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2007 | ALL | 504972 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2008 | ALL | 505022 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2009 | ALL | 505072 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 |
| 2010 | ALL | 505122 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-05 |
| 2011 | ALL | 505172 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.14E-05 |
| 2012 | ALL | 505222 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2013 | ALL | 502222 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |
| 2014 | ALL | 502272 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 |
| 2015 | ALL | 502322 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2016 | ALL | 502372 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2017 | ALL | 502422 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2018 | ALL | 502472 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2019 | ALL | 502522 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2020 | ALL | 502572 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2021 | ALL | 502622 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2022 | ALL | 502672 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 2023 | ALL | 504772 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2024 | ALL | 504822 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2025 | ALL | 504872 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2026 | ALL | 504922 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2027 | ALL | 504972 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2028 | ALL | 505022 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 |
| 2029 | ALL | 505072 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 2030 | ALL | 505122 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 |
| 2031 | ALL | 505172 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 2032 | ALL | 505222 | 3634226 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.66E-05 |
| 2033 | ALL | 502222 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-05 |
| 2034 | ALL | 502272 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.99E-05 |
| 2035 | ALL | 502322 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2036 | ALL | 502372 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2037 | ALL | 502422 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2038 | ALL | 502472 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2039 | ALL | 502522 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2040 | ALL | 502572 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2041 | ALL | 502622 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 2042 | ALL | 502672 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 2043 | ALL | 504772 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2044 | ALL | 504822 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2045 | ALL | 504872 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2046 | ALL | 504922 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2047 | ALL | 504972 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2048 | ALL | 505022 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.78E-05 |
| 2049 | ALL | 505072 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 |
| 2050 | ALL | 505122 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 |
| 2051 | ALL | 505172 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 |
| 2052 | ALL | 505222 | 3634276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 |
| 2053 | ALL | 502222 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 |
| 2054 | ALL | 502272 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2055 | ALL | 502322 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2056 | ALL | 502372 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2057 | ALL | 502422 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2058 | ALL | 502472 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2059 | ALL | 502522 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2060 | ALL | 502572 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2061 | ALL | 502622 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 2062 | ALL | 502672 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 2063 | ALL | 504772 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2064 | ALL | 504822 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2065 | ALL | 504872 | 3634326 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2066 | ALL | 504922 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2067 | ALL | 504972 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2068 | ALL | 505022 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 |
| 2069 | ALL | 505072 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 |
| 2070 | ALL | 505122 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 |
| 2071 | ALL | 505172 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.56E-05 |
| 2072 | ALL | 505222 | 3634326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |
| 2073 | ALL | 502222 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 |
| 2074 | ALL | 502272 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2075 | ALL | 502322 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2076 | ALL | 502372 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2077 | ALL | 502422 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2078 | ALL | 502472 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2079 | ALL | 502522 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2080 | ALL | 502572 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2081 | ALL | 502622 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2082 | ALL | 502672 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 2083 | ALL | 504772 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2084 | ALL | 504822 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2085 | ALL | 504872 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2086 | ALL | 504922 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2087 | ALL | 504972 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2088 | ALL | 505022 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2089 | ALL | 505072 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 |
| 2090 | ALL | 505122 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 |
| 2091 | ALL | 505172 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 2092 | ALL | 505222 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 |
| 2093 | ALL | 502222 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 |
| 2094 | ALL | 502272 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2095 | ALL | 502322 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2096 | ALL | 502372 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2097 | ALL | 502422 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2098 | ALL | 502472 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2099 | ALL | 502522 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2100 | ALL | 502572 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2101 | ALL | 502622 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2102 | ALL | 502672 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 2103 | ALL | 504772 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2104 | ALL | 504822 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2105 | ALL | 504872 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2106 | ALL | 504922 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2107 | ALL | 504972 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2108 | ALL | 505022 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2109 | ALL | 505072 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2110 | ALL | 505122 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2111 | ALL | 505172 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 2112 | ALL | 505222 | 3634426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 |
| 2113 | ALL | 502222 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 |
| 2114 | ALL | 502272 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2115 | ALL | 502322 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2116 | ALL | 502372 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2117 | ALL | 502422 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2118 | ALL | 502472 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2119 | ALL | 502522 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2120 | ALL | 502572 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2121 | ALL | 502622 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2122 | ALL | 502672 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 2123 | ALL | 504772 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2124 | ALL | 504822 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2125 | ALL | 504872 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2126 | ALL | 504922 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2127 | ALL | 504972 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2128 | ALL | 505022 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2129 | ALL | 505072 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2130 | ALL | 505122 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2131 | ALL | 505172 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 2132 | ALL | 505222 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 |
| 2133 | ALL | 502222 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.68E-05 |
| 2134 | ALL | 502272 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2135 | ALL | 502322 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2136 | ALL | 502372 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2137 | ALL | 502422 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2138 | ALL | 502472 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2139 | ALL | 502522 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2140 | ALL | 502572 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2141 | ALL | 502622 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2142 | ALL | 502672 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 2143 | ALL | 504772 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2144 | ALL | 504822 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2145 | ALL | 504872 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2146 | ALL | 504922 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 2147 | ALL | 504972 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 2148 | ALL | 505022 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2149 | ALL | 505072 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2150 | ALL | 505122 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2151 | ALL | 505172 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2152 | ALL | 505222 | 3634526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 2153 | ALL | 502222 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 |
| 2154 | ALL | 502272 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2155 | ALL | 502322 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2156 | ALL | 502372 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2157 | ALL | 502422 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2158 | ALL | 502472 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2159 | ALL | 502522 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2160 | ALL | 502572 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2161 | ALL | 502622 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 2162 | ALL | 502672 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 2163 | ALL | 504772 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 2164 | ALL | 504822 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 2165 | ALL | 504872 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 2166 | ALL | 504922 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 2167 | ALL | 504972 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 2168 | ALL | 505022 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2169 | ALL | 505072 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2170 | ALL | 505122 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2171 | ALL | 505172 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2172 | ALL | 505222 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 2173 | ALL | 502222 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 |
| 2174 | ALL | 502272 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2175 | ALL | 502322 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2176 | ALL | 502372 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2177 | ALL | 502422 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2178 | ALL | 502472 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2179 | ALL | 502522 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2180 | ALL | 502572 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2181 | ALL | 502622 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2182 | ALL | 502672 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 2183 | ALL | 504772 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.10E-04 |
| 2184 | ALL | 504822 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 2185 | ALL | 504872 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-04 |
| 2186 | ALL | 504922 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 2187 | ALL | 504972 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 2188 | ALL | 505022 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2189 | ALL | 505072 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2190 | ALL | 505122 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2191 | ALL | 505172 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 2192 | ALL | 505222 | 3634626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 2193 | ALL | 502222 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-05 |
| 2194 | ALL | 502272 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2195 | ALL | 502322 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2196 | ALL | 502372 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2197 | ALL | 502422 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2198 | ALL | 502472 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2199 | ALL | 502522 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2200 | ALL | 502572 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2201 | ALL | 502622 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 2202 | ALL | 502672 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 2203 | ALL | 504772 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.22E-04 |
| 2204 | ALL | 504822 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 2205 | ALL | 504872 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 2206 | ALL | 504922 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 2207 | ALL | 504972 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 |
| 2208 | ALL | 505022 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2209 | ALL | 505072 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2210 | ALL | 505122 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2211 | ALL | 505172 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 |
| 2212 | ALL | 505222 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 2213 | ALL | 502222 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 |
| 2214 | ALL | 502272 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 |
| 2215 | ALL | 502322 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2216 | ALL | 502372 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2217 | ALL | 502422 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2218 | ALL | 502472 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2219 | ALL | 502522 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2220 | ALL | 502572 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2221 | ALL | 502622 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2222 | ALL | 502672 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 2223 | ALL | 504772 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-04 |
| 2224 | ALL | 504822 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.02E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2225 | ALL | 504872 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 2226 | ALL | 504922 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 2227 | ALL | 504972 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 2228 | ALL | 505022 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2229 | ALL | 505072 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2230 | ALL | 505122 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2231 | ALL | 505172 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.54E-05 |
| 2232 | ALL | 505222 | 3634726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 2233 | ALL | 502222 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 |
| 2234 | ALL | 502272 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 |
| 2235 | ALL | 502322 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2236 | ALL | 502372 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2237 | ALL | 502422 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2238 | ALL | 502472 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2239 | ALL | 502522 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2240 | ALL | 502572 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2241 | ALL | 502622 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2242 | ALL | 502672 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 2243 | ALL | 504772 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-04 |
| 2244 | ALL | 504822 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 |
| 2245 | ALL | 504872 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 2246 | ALL | 504922 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 2247 | ALL | 504972 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2248 | ALL | 505022 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2249 | ALL | 505072 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2250 | ALL | 505122 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2251 | ALL | 505172 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 2252 | ALL | 505222 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 |
| 2253 | ALL | 502222 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 |
| 2254 | ALL | 502272 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 |
| 2255 | ALL | 502322 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2256 | ALL | 502372 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2257 | ALL | 502422 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2258 | ALL | 502472 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2259 | ALL | 502522 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2260 | ALL | 502572 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2261 | ALL | 502622 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2262 | ALL | 502672 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2263 | ALL | 504772 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.07E-04 |
| 2264 | ALL | 504822 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-04 |
| 2265 | ALL | 504872 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-04 |
| 2266 | ALL | 504922 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 2267 | ALL | 504972 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2268 | ALL | 505022 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2269 | ALL | 505072 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2270 | ALL | 505122 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.72E-05 |
| 2271 | ALL | 505172 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.79E-05 |
| 2272 | ALL | 505222 | 3634826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 2273 | ALL | 502222 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 |
| 2274 | ALL | 502272 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 |
| 2275 | ALL | 502322 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2276 | ALL | 502372 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2277 | ALL | 502422 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2278 | ALL | 502472 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2279 | ALL | 502522 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2280 | ALL | 502572 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2281 | ALL | 502622 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2282 | ALL | 502672 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2283 | ALL | 504772 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-04 |
| 2284 | ALL | 504822 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 2285 | ALL | 504872 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 2286 | ALL | 504922 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2287 | ALL | 504972 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2288 | ALL | 505022 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 |
| 2289 | ALL | 505072 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 |
| 2290 | ALL | 505122 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.88E-05 |
| 2291 | ALL | 505172 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 |
| 2292 | ALL | 505222 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 2293 | ALL | 502222 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 |
| 2294 | ALL | 502272 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.43E-05 |
| 2295 | ALL | 502322 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 |
| 2296 | ALL | 502372 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2297 | ALL | 502422 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2298 | ALL | 502472 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2299 | ALL | 502522 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2300 | ALL | 502572 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2301 | ALL | 502622 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2302 | ALL | 502672 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2303 | ALL | 504772 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-04 |
| 2304 | ALL | 504822 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-04 |
| 2305 | ALL | 504872 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 2306 | ALL | 504922 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2307 | ALL | 504972 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2308 | ALL | 505022 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 2309 | ALL | 505072 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 |
| 2310 | ALL | 505122 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 |
| 2311 | ALL | 505172 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 |
| 2312 | ALL | 505222 | 3634926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 |
| 2313 | ALL | 502222 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 2314 | ALL | 502272 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 |
| 2315 | ALL | 502322 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2316 | ALL | 502372 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2317 | ALL | 502422 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2318 | ALL | 502472 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2319 | ALL | 502522 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2320 | ALL | 502572 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2321 | ALL | 502622 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2322 | ALL | 502672 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2323 | ALL | 504822 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 2324 | ALL | 504872 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 2325 | ALL | 504922 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2326 | ALL | 504972 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2327 | ALL | 505022 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 2328 | ALL | 505072 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 |
| 2329 | ALL | 505122 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 |
| 2330 | ALL | 505172 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2331 | ALL | 505222 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 2332 | ALL | 502222 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 |
| 2333 | ALL | 502272 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-05 |
| 2334 | ALL | 502322 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-05 |
| 2335 | ALL | 502372 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 2336 | ALL | 502422 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2337 | ALL | 502472 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2338 | ALL | 502522 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2339 | ALL | 502572 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2340 | ALL | 502622 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2341 | ALL | 502672 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2342 | ALL | 504872 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 2343 | ALL | 504922 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2344 | ALL | 504972 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2345 | ALL | 505022 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2346 | ALL | 505072 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 |
| 2347 | ALL | 505122 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 |
| 2348 | ALL | 505172 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.86E-05 |
| 2349 | ALL | 505222 | 3635026 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.27E-05 |
| 2350 | ALL | 502222 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.52E-05 |
| 2351 | ALL | 502272 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 2352 | ALL | 502322 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 |
| 2353 | ALL | 502372 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2354 | ALL | 502422 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2355 | ALL | 502472 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2356 | ALL | 502522 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2357 | ALL | 502572 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2358 | ALL | 502622 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2359 | ALL | 502672 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2360 | ALL | 504922 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 2361 | ALL | 504972 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2362 | ALL | 505022 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2363 | ALL | 505072 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2364 | ALL | 505122 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2365 | ALL | 505172 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2366 | ALL | 505222 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 2367 | ALL | 502222 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |
| 2368 | ALL | 502272 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 |
| 2369 | ALL | 502322 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 |
| 2370 | ALL | 502372 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 2371 | ALL | 502422 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.83E-05 |
| 2372 | ALL | 502472 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2373 | ALL | 502522 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2374 | ALL | 502572 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2375 | ALL | 502622 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2376 | ALL | 502672 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2377 | ALL | 505022 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2378 | ALL | 505072 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2379 | ALL | 505122 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2380 | ALL | 505172 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2381 | ALL | 505222 | 3635126 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2382 | ALL | 502222 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.14E-05 |
| 2383 | ALL | 502272 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2384 | ALL | 502322 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 |
| 2385 | ALL | 502372 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 |
| 2386 | ALL | 502422 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 |
| 2387 | ALL | 502472 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 |
| 2388 | ALL | 502522 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2389 | ALL | 502572 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2390 | ALL | 502622 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2391 | ALL | 502672 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2392 | ALL | 505122 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2393 | ALL | 505172 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2394 | ALL | 505222 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2395 | ALL | 502222 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 |
| 2396 | ALL | 502272 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.27E-05 |
| 2397 | ALL | 502322 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 2398 | ALL | 502372 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 2399 | ALL | 502422 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 2400 | ALL | 502472 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 2401 | ALL | 502522 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2402 | ALL | 502572 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2403 | ALL | 502622 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2404 | ALL | 502672 | 3635226 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2405 | ALL | 502222 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 2406 | ALL | 502272 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-05 |
| 2407 | ALL | 502322 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.37E-05 |
| 2408 | ALL | 502372 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.74E-05 |
| 2409 | ALL | 502422 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 |
| 2410 | ALL | 502472 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 |
| 2411 | ALL | 502522 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.97E-05 |
| 2412 | ALL | 502572 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2413 | ALL | 502622 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2414 | ALL | 502672 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2415 | ALL | 502222 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 2416 | ALL | 502272 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 |
| 2417 | ALL | 502322 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |
| 2418 | ALL | 502372 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 2419 | ALL | 502422 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 |
| 2420 | ALL | 502472 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 2421 | ALL | 502522 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 2422 | ALL | 502572 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2423 | ALL | 502622 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2424 | ALL | 502672 | 3635326 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2425 | ALL | 502222 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-05 |
| 2426 | ALL | 502272 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.81E-05 |
| 2427 | ALL | 502322 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 |
| 2428 | ALL | 502372 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.38E-05 |
| 2429 | ALL | 502422 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.66E-05 |
| 2430 | ALL | 502472 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.95E-05 |
| 2431 | ALL | 502522 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 2432 | ALL | 502572 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2433 | ALL | 502622 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2434 | ALL | 502672 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2435 | ALL | 502222 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 |
| 2436 | ALL | 502272 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2437 | ALL | 502322 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 2438 | ALL | 502372 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 |
| 2439 | ALL | 502422 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.36E-05 |
| 2440 | ALL | 502472 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 |
| 2441 | ALL | 502522 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2442 | ALL | 502572 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 |
| 2443 | ALL | 502622 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.60E-05 |
| 2444 | ALL | 502672 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 |
| 2445 | ALL | 504772 | 3635426 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2446 | ALL | 502222 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-05 |
| 2447 | ALL | 502272 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 |
| 2448 | ALL | 502322 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.60E-05 |
| 2449 | ALL | 502372 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 2450 | ALL | 502422 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 2451 | ALL | 502472 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 2452 | ALL | 502522 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 |
| 2453 | ALL | 502572 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2454 | ALL | 502622 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.26E-05 |
| 2455 | ALL | 502672 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 |
| 2456 | ALL | 504772 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2457 | ALL | 504822 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2458 | ALL | 504872 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2459 | ALL | 504922 | 3635476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2460 | ALL | 502222 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2461 | ALL | 502272 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.14E-05 |
| 2462 | ALL | 502322 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 |
| 2463 | ALL | 502372 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 |
| 2464 | ALL | 502422 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.80E-05 |
| 2465 | ALL | 502472 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 2466 | ALL | 502522 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 |
| 2467 | ALL | 502572 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 |
| 2468 | ALL | 502622 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.89E-05 |
| 2469 | ALL | 502672 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 |
| 2470 | ALL | 502722 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 |
| 2471 | ALL | 502772 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.87E-05 |
| 2472 | ALL | 502822 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2473 | ALL | 502872 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2474 | ALL | 502922 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2475 | ALL | 502972 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2476 | ALL | 503022 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2477 | ALL | 503072 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2478 | ALL | 503122 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2479 | ALL | 503172 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2480 | ALL | 503222 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2481 | ALL | 503272 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2482 | ALL | 503322 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2483 | ALL | 503372 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2484 | ALL | 503422 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 2485 | ALL | 503472 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 2486 | ALL | 503522 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 2487 | ALL | 503572 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 2488 | ALL | 503622 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 2489 | ALL | 503672 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2490 | ALL | 503722 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 2491 | ALL | 503772 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-04 |
| 2492 | ALL | 503822 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 2493 | ALL | 503872 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-04 |
| 2494 | ALL | 503922 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.78E-04 |
| 2495 | ALL | 503972 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-04 |
| 2496 | ALL | 504022 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 2497 | ALL | 504072 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.69E-04 |
| 2498 | ALL | 504122 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-04 |
| 2499 | ALL | 504172 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 2500 | ALL | 504222 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 2501 | ALL | 504272 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 2502 | ALL | 504322 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 2503 | ALL | 504372 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2504 | ALL | 504422 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2505 | ALL | 504472 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2506 | ALL | 504522 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2507 | ALL | 504572 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2508 | ALL | 504622 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2509 | ALL | 504672 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2510 | ALL | 504722 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2511 | ALL | 504772 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2512 | ALL | 504822 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2513 | ALL | 504872 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2514 | ALL | 504922 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2515 | ALL | 504972 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2516 | ALL | 505022 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.85E-05 |
| 2517 | ALL | 505072 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.52E-05 |
| 2518 | ALL | 505122 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 |
| 2519 | ALL | 505172 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 |
| 2520 | ALL | 505222 | 3635526 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 |
| 2521 | ALL | 502222 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 |
| 2522 | ALL | 502272 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2523 | ALL | 502322 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.12E-05 |
| 2524 | ALL | 502372 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 |
| 2525 | ALL | 502422 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 |
| 2526 | ALL | 502472 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 2527 | ALL | 502522 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 2528 | ALL | 502572 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.31E-05 |
| 2529 | ALL | 502622 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 |
| 2530 | ALL | 502672 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 |
| 2531 | ALL | 502722 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 2532 | ALL | 502772 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 |
| 2533 | ALL | 502822 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.86E-05 |
| 2534 | ALL | 502872 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2535 | ALL | 502922 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2536 | ALL | 502972 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2537 | ALL | 503022 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2538 | ALL | 503072 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2539 | ALL | 503122 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2540 | ALL | 503172 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2541 | ALL | 503222 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2542 | ALL | 503272 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2543 | ALL | 503322 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2544 | ALL | 503372 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2545 | ALL | 503422 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2546 | ALL | 503472 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 2547 | ALL | 503522 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 2548 | ALL | 503572 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 2549 | ALL | 503622 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-04 |
| 2550 | ALL | 503672 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 2551 | ALL | 503722 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 2552 | ALL | 503772 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-04 |
| 2553 | ALL | 503822 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 2554 | ALL | 503872 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 |
| 2555 | ALL | 503922 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 2556 | ALL | 503972 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 2557 | ALL | 504022 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |
| 2558 | ALL | 504072 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-04 |
| 2559 | ALL | 504122 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 2560 | ALL | 504172 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.54E-04 |
| 2561 | ALL | 504222 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2562 | ALL | 504272 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2563 | ALL | 504322 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2564 | ALL | 504372 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2565 | ALL | 504422 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2566 | ALL | 504472 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2567 | ALL | 504522 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2568 | ALL | 504572 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2569 | ALL | 504622 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2570 | ALL | 504672 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2571 | ALL | 504722 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2572 | ALL | 504772 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2573 | ALL | 504822 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2574 | ALL | 504872 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2575 | ALL | 504922 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2576 | ALL | 504972 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 2577 | ALL | 505022 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-05 |
| 2578 | ALL | 505072 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 |
| 2579 | ALL | 505122 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.93E-05 |
| 2580 | ALL | 505172 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.58E-05 |
| 2581 | ALL | 505222 | 3635576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |
| 2582 | ALL | 502222 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-05 |
| 2583 | ALL | 502272 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.65E-05 |
| 2584 | ALL | 502322 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 |
| 2585 | ALL | 502372 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 2586 | ALL | 502422 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 |
| 2587 | ALL | 502472 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 2588 | ALL | 502522 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 |
| 2589 | ALL | 502572 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 2590 | ALL | 502622 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 |
| 2591 | ALL | 502672 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 |
| 2592 | ALL | 502722 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 |
| 2593 | ALL | 502772 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.12E-05 |
| 2594 | ALL | 502822 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-05 |
| 2595 | ALL | 502872 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.76E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2596 | ALL | 502922 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2597 | ALL | 502972 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2598 | ALL | 503022 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2599 | ALL | 503072 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2600 | ALL | 503122 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2601 | ALL | 503172 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2602 | ALL | 503222 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2603 | ALL | 503272 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2604 | ALL | 503322 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2605 | ALL | 503372 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2606 | ALL | 503422 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2607 | ALL | 503472 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2608 | ALL | 503522 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2609 | ALL | 503572 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 2610 | ALL | 503622 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 |
| 2611 | ALL | 503672 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2612 | ALL | 503722 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-04 |
| 2613 | ALL | 503772 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2614 | ALL | 503822 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-04 |
| 2615 | ALL | 503872 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 2616 | ALL | 503922 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-04 |
| 2617 | ALL | 503972 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 2618 | ALL | 504022 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-04 |
| 2619 | ALL | 504072 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 2620 | ALL | 504122 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 2621 | ALL | 504172 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-04 |
| 2622 | ALL | 504222 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2623 | ALL | 504272 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2624 | ALL | 504322 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2625 | ALL | 504372 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2626 | ALL | 504422 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2627 | ALL | 504472 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2628 | ALL | 504522 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2629 | ALL | 504572 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2630 | ALL | 504622 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2631 | ALL | 504672 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2632 | ALL | 504722 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2633 | ALL | 504772 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2634 | ALL | 504822 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2635 | ALL | 504872 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2636 | ALL | 504922 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.67E-05 |
| 2637 | ALL | 504972 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.50E-05 |
| 2638 | ALL | 505022 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.09E-05 |
| 2639 | ALL | 505072 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 |
| 2640 | ALL | 505122 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.60E-05 |
| 2641 | ALL | 505172 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 |
| 2642 | ALL | 505222 | 3635626 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 |
| 2643 | ALL | 502222 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 2644 | ALL | 502272 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 |
| 2645 | ALL | 502322 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.57E-05 |
| 2646 | ALL | 502372 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 2647 | ALL | 502422 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 |
| 2648 | ALL | 502472 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2649 | ALL | 502522 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 2650 | ALL | 502572 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 |
| 2651 | ALL | 502622 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.98E-05 |
| 2652 | ALL | 502672 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 |
| 2653 | ALL | 502722 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.49E-05 |
| 2654 | ALL | 502772 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 |
| 2655 | ALL | 502822 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 |
| 2656 | ALL | 502872 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.33E-05 |
| 2657 | ALL | 502922 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.59E-05 |
| 2658 | ALL | 502972 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-05 |
| 2659 | ALL | 503022 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2660 | ALL | 503072 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2661 | ALL | 503122 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2662 | ALL | 503172 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2663 | ALL | 503222 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2664 | ALL | 503272 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2665 | ALL | 503322 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2666 | ALL | 503372 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2667 | ALL | 503422 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2668 | ALL | 503472 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2669 | ALL | 503522 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-04 |
| 2670 | ALL | 503572 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2671 | ALL | 503622 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-04 |
| 2672 | ALL | 503672 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-04 |
| 2673 | ALL | 503722 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2674 | ALL | 503772 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2675 | ALL | 503822 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2676 | ALL | 503872 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2677 | ALL | 503922 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2678 | ALL | 503972 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-04 |
| 2679 | ALL | 504022 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 2680 | ALL | 504072 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.39E-04 |
| 2681 | ALL | 504122 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2682 | ALL | 504172 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 2683 | ALL | 504222 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2684 | ALL | 504272 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2685 | ALL | 504322 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2686 | ALL | 504372 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2687 | ALL | 504422 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2688 | ALL | 504472 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2689 | ALL | 504522 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2690 | ALL | 504572 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2691 | ALL | 504622 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2692 | ALL | 504672 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2693 | ALL | 504722 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2694 | ALL | 504772 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2695 | ALL | 504822 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2696 | ALL | 504872 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 |
| 2697 | ALL | 504922 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.34E-05 |
| 2698 | ALL | 504972 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.20E-05 |
| 2699 | ALL | 505022 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.87E-05 |
| 2700 | ALL | 505072 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.53E-05 |
| 2701 | ALL | 505122 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2702 | ALL | 505172 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 2703 | ALL | 505222 | 3635676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 |
| 2704 | ALL | 502222 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 2705 | ALL | 502272 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 |
| 2706 | ALL | 502322 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 2707 | ALL | 502372 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.58E-05 |
| 2708 | ALL | 502422 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 2709 | ALL | 502472 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 |
| 2710 | ALL | 502522 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 |
| 2711 | ALL | 502572 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 2712 | ALL | 502622 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 |
| 2713 | ALL | 502672 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.96E-05 |
| 2714 | ALL | 502722 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-05 |
| 2715 | ALL | 502772 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 2716 | ALL | 502822 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.69E-05 |
| 2717 | ALL | 502872 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 |
| 2718 | ALL | 502922 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.17E-05 |
| 2719 | ALL | 502972 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.48E-05 |
| 2720 | ALL | 503022 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 |
| 2721 | ALL | 503072 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2722 | ALL | 503122 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2723 | ALL | 503172 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2724 | ALL | 503222 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2725 | ALL | 503272 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2726 | ALL | 503322 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2727 | ALL | 503372 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2728 | ALL | 503422 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2729 | ALL | 503472 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2730 | ALL | 503522 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2731 | ALL | 503572 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2732 | ALL | 503622 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2733 | ALL | 503672 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2734 | ALL | 503722 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2735 | ALL | 503772 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2736 | ALL | 503822 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.35E-04 |
| 2737 | ALL | 503872 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2738 | ALL | 503922 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 |
| 2739 | ALL | 503972 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 2740 | ALL | 504022 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-04 |
| 2741 | ALL | 504072 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-04 |
| 2742 | ALL | 504122 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 2743 | ALL | 504172 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2744 | ALL | 504222 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2745 | ALL | 504272 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2746 | ALL | 504322 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2747 | ALL | 504372 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2748 | ALL | 504422 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2749 | ALL | 504472 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2750 | ALL | 504522 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2751 | ALL | 504572 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2752 | ALL | 504622 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2753 | ALL | 504672 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2754 | ALL | 504722 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2755 | ALL | 504772 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.79E-05 |
| 2756 | ALL | 504822 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2757 | ALL | 504872 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-05 |
| 2758 | ALL | 504922 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.01E-05 |
| 2759 | ALL | 504972 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.90E-05 |
| 2760 | ALL | 505022 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-05 |
| 2761 | ALL | 505072 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 |
| 2762 | ALL | 505122 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 |
| 2763 | ALL | 505172 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 2764 | ALL | 505222 | 3635726 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 |
| 2765 | ALL | 502222 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 2766 | ALL | 502272 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-05 |
| 2767 | ALL | 502322 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.17E-05 |
| 2768 | ALL | 502372 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 2769 | ALL | 502422 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 |
| 2770 | ALL | 502472 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 2771 | ALL | 502522 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 |
| 2772 | ALL | 502572 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 |
| 2773 | ALL | 502622 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 2774 | ALL | 502672 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 |
| 2775 | ALL | 502722 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.92E-05 |
| 2776 | ALL | 502772 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.16E-05 |
| 2777 | ALL | 502822 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.40E-05 |
| 2778 | ALL | 502872 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 |
| 2779 | ALL | 502922 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 |
| 2780 | ALL | 502972 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 |
| 2781 | ALL | 503022 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 |
| 2782 | ALL | 503072 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 |
| 2783 | ALL | 503122 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.84E-05 |
| 2784 | ALL | 503172 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2785 | ALL | 503222 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2786 | ALL | 503272 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2787 | ALL | 503322 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2788 | ALL | 503372 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2789 | ALL | 503422 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2790 | ALL | 503472 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2791 | ALL | 503522 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2792 | ALL | 503572 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2793 | ALL | 503622 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2794 | ALL | 503672 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2795 | ALL | 503722 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2796 | ALL | 503772 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2797 | ALL | 503822 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2798 | ALL | 503872 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2799 | ALL | 503922 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.31E-04 |
| 2800 | ALL | 503972 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-04 |
| 2801 | ALL | 504022 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-04 |
| 2802 | ALL | 504072 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 2803 | ALL | 504122 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-04 |
| 2804 | ALL | 504172 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2805 | ALL | 504222 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2806 | ALL | 504272 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 2807 | ALL | 504322 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2808 | ALL | 504372 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2809 | ALL | 504422 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2810 | ALL | 504472 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2811 | ALL | 504522 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2812 | ALL | 504572 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 2813 | ALL | 504622 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2814 | ALL | 504672 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2815 | ALL | 504722 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2816 | ALL | 504772 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |
| 2817 | ALL | 504822 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 |
| 2818 | ALL | 504872 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 2819 | ALL | 504922 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.71E-05 |
| 2820 | ALL | 504972 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 2821 | ALL | 505022 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.39E-05 |
| 2822 | ALL | 505072 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 2823 | ALL | 505122 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 |
| 2824 | ALL | 505172 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 2825 | ALL | 505222 | 3635776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.39E-05 |
| 2826 | ALL | 502222 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 |
| 2827 | ALL | 502272 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 2828 | ALL | 502322 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-05 |
| 2829 | ALL | 502372 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 2830 | ALL | 502422 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 2831 | ALL | 502472 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 |
| 2832 | ALL | 502522 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 2833 | ALL | 502572 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-05 |
| 2834 | ALL | 502622 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.19E-05 |
| 2835 | ALL | 502672 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 2836 | ALL | 502722 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 |
| 2837 | ALL | 502772 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 |
| 2838 | ALL | 502822 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.11E-05 |
| 2839 | ALL | 502872 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.33E-05 |
| 2840 | ALL | 502922 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.51E-05 |
| 2841 | ALL | 502972 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 |
| 2842 | ALL | 503022 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 |
| 2843 | ALL | 503072 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-05 |
| 2844 | ALL | 503122 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 2845 | ALL | 503172 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.62E-05 |
| 2846 | ALL | 503222 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 |
| 2847 | ALL | 503272 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-05 |
| 2848 | ALL | 503322 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 |
| 2849 | ALL | 503372 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 2850 | ALL | 503422 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2851 | ALL | 503472 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2852 | ALL | 503522 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2853 | ALL | 503572 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2854 | ALL | 503622 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2855 | ALL | 503672 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2856 | ALL | 503722 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2857 | ALL | 503772 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2858 | ALL | 503822 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2859 | ALL | 503872 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2860 | ALL | 503922 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2861 | ALL | 503972 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2862 | ALL | 504022 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 2863 | ALL | 504072 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 2864 | ALL | 504122 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 2865 | ALL | 504172 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 2866 | ALL | 504222 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2867 | ALL | 504272 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 2868 | ALL | 504322 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2869 | ALL | 504372 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2870 | ALL | 504422 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2871 | ALL | 504472 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2872 | ALL | 504522 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2873 | ALL | 504572 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2874 | ALL | 504622 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 2875 | ALL | 504672 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.66E-05 |
| 2876 | ALL | 504722 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.27E-05 |
| 2877 | ALL | 504772 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.04E-05 |
| 2878 | ALL | 504822 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 |
| 2879 | ALL | 504872 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 2880 | ALL | 504922 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 |
| 2881 | ALL | 504972 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 |
| 2882 | ALL | 505022 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.10E-05 |
| 2883 | ALL | 505072 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 2884 | ALL | 505122 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 |
| 2885 | ALL | 505172 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 2886 | ALL | 505222 | 3635826 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 |
| 2887 | ALL | 502222 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 2888 | ALL | 502272 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.64E-05 |
| 2889 | ALL | 502322 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 |
| 2890 | ALL | 502372 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 2891 | ALL | 502422 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 |
| 2892 | ALL | 502472 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-05 |
| 2893 | ALL | 502522 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 |
| 2894 | ALL | 502572 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.75E-05 |
| 2895 | ALL | 502622 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 |
| 2896 | ALL | 502672 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.15E-05 |
| 2897 | ALL | 502722 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.38E-05 |
| 2898 | ALL | 502772 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 |
| 2899 | ALL | 502822 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 |
| 2900 | ALL | 502872 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 |
| 2901 | ALL | 502922 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.15E-05 |
| 2902 | ALL | 502972 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.39E-05 |
| 2903 | ALL | 503022 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 |
| 2904 | ALL | 503072 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 |
| 2905 | ALL | 503122 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 |
| 2906 | ALL | 503172 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.13E-05 |
| 2907 | ALL | 503222 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.24E-05 |
| 2908 | ALL | 503272 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 |
| 2909 | ALL | 503322 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 |
| 2910 | ALL | 503372 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2911 | ALL | 503422 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2912 | ALL | 503472 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 2913 | ALL | 503522 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2914 | ALL | 503572 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2915 | ALL | 503622 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2916 | ALL | 503672 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2917 | ALL | 503722 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2918 | ALL | 503772 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2919 | ALL | 503822 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2920 | ALL | 503872 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 2921 | ALL | 503922 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2922 | ALL | 503972 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2923 | ALL | 504022 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2924 | ALL | 504072 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2925 | ALL | 504122 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 2926 | ALL | 504172 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2927 | ALL | 504222 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 2928 | ALL | 504272 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 2929 | ALL | 504322 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2930 | ALL | 504372 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2931 | ALL | 504422 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2932 | ALL | 504472 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2933 | ALL | 504522 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 2934 | ALL | 504572 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.96E-05 |
| 2935 | ALL | 504622 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.69E-05 |
| 2936 | ALL | 504672 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.39E-05 |
| 2937 | ALL | 504722 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 |
| 2938 | ALL | 504772 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 |
| 2939 | ALL | 504822 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 |
| 2940 | ALL | 504872 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 |
| 2941 | ALL | 504922 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.23E-05 |
| 2942 | ALL | 504972 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 2943 | ALL | 505022 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 2944 | ALL | 505072 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 2945 | ALL | 505122 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 2946 | ALL | 505172 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.22E-05 |
| 2947 | ALL | 505222 | 3635876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.02E-05 |
| 2948 | ALL | 502222 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 2949 | ALL | 502272 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 2950 | ALL | 502322 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 2951 | ALL | 502372 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 |
| 2952 | ALL | 502422 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 2953 | ALL | 502472 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.18E-05 |
| 2954 | ALL | 502522 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |
| 2955 | ALL | 502572 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 |
| 2956 | ALL | 502622 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 |
| 2957 | ALL | 502672 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 2958 | ALL | 502722 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 |
| 2959 | ALL | 502772 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 |
| 2960 | ALL | 502822 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.54E-05 |
| 2961 | ALL | 502872 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 2962 | ALL | 502922 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |
| 2963 | ALL | 502972 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 2964 | ALL | 503022 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 2965 | ALL | 503072 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.22E-05 |
| 2966 | ALL | 503122 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2967 | ALL | 503172 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.64E-05 |
| 2968 | ALL | 503222 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.78E-05 |
| 2969 | ALL | 503272 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.99E-05 |
| 2970 | ALL | 503322 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 2971 | ALL | 503372 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.64E-05 |
| 2972 | ALL | 503422 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.94E-05 |
| 2973 | ALL | 503472 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.88E-05 |
| 2974 | ALL | 503522 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 |
| 2975 | ALL | 503572 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 2976 | ALL | 503622 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2977 | ALL | 503672 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 2978 | ALL | 503722 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2979 | ALL | 503772 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2980 | ALL | 503822 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2981 | ALL | 503872 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 2982 | ALL | 503922 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2983 | ALL | 503972 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2984 | ALL | 504022 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 2985 | ALL | 504072 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2986 | ALL | 504122 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2987 | ALL | 504172 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-04 |
| 2988 | ALL | 504222 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 2989 | ALL | 504272 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.14E-04 |
| 2990 | ALL | 504322 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 2991 | ALL | 504372 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 2992 | ALL | 504422 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 2993 | ALL | 504472 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 2994 | ALL | 504522 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 2995 | ALL | 504572 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 2996 | ALL | 504622 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.31E-05 |
| 2997 | ALL | 504672 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 |
| 2998 | ALL | 504722 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 |
| 2999 | ALL | 504772 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.55E-05 |
| 3000 | ALL | 504822 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.19E-05 |
| 3001 | ALL | 504872 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 3002 | ALL | 504922 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 |
| 3003 | ALL | 504972 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 3004 | ALL | 505022 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 |
| 3005 | ALL | 505072 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.47E-05 |
| 3006 | ALL | 505122 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 |
| 3007 | ALL | 505172 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 |
| 3008 | ALL | 505222 | 3635926 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 3009 | ALL | 502222 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 3010 | ALL | 502272 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 3011 | ALL | 502322 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 3012 | ALL | 502372 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-05 |
| 3013 | ALL | 502422 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-05 |
| 3014 | ALL | 502472 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 3015 | ALL | 502522 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 3016 | ALL | 502572 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.35E-05 |
| 3017 | ALL | 502622 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.52E-05 |
| 3018 | ALL | 502672 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 |
| 3019 | ALL | 502722 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3020 | ALL | 502772 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-05 |
| 3021 | ALL | 502822 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 3022 | ALL | 502872 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 3023 | ALL | 502922 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 |
| 3024 | ALL | 502972 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 3025 | ALL | 503022 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 3026 | ALL | 503072 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.93E-05 |
| 3027 | ALL | 503122 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-05 |
| 3028 | ALL | 503172 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.25E-05 |
| 3029 | ALL | 503222 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 |
| 3030 | ALL | 503272 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.67E-05 |
| 3031 | ALL | 503322 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 3032 | ALL | 503372 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 |
| 3033 | ALL | 503422 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.25E-05 |
| 3034 | ALL | 503472 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.23E-05 |
| 3035 | ALL | 503522 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 |
| 3036 | ALL | 503572 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 3037 | ALL | 503622 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 3038 | ALL | 503672 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.04E-04 |
| 3039 | ALL | 503722 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 3040 | ALL | 503772 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 3041 | ALL | 503822 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 3042 | ALL | 503872 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 3043 | ALL | 503922 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 3044 | ALL | 503972 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.07E-04 |
| 3045 | ALL | 504022 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 3046 | ALL | 504072 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 3047 | ALL | 504122 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 3048 | ALL | 504172 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 3049 | ALL | 504222 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 3050 | ALL | 504272 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 3051 | ALL | 504322 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 3052 | ALL | 504372 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 3053 | ALL | 504422 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 3054 | ALL | 504472 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 3055 | ALL | 504522 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 3056 | ALL | 504572 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.74E-05 |
| 3057 | ALL | 504622 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |
| 3058 | ALL | 504672 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 |
| 3059 | ALL | 504722 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 |
| 3060 | ALL | 504772 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 |
| 3061 | ALL | 504822 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 3062 | ALL | 504872 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 3063 | ALL | 504922 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.67E-05 |
| 3064 | ALL | 504972 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.59E-05 |
| 3065 | ALL | 505022 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 3066 | ALL | 505072 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 3067 | ALL | 505122 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 |
| 3068 | ALL | 505172 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 |
| 3069 | ALL | 505222 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 |
| 3070 | ALL | 501722 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 |
| 3071 | ALL | 501822 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 3072 | ALL | 501922 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.42E-05 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3073 | ALL | 502022 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 3074 | ALL | 502122 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 3075 | ALL | 502222 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.10E-04 |
| 3076 | ALL | 502322 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.13E-04 |
| 3077 | ALL | 502422 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 3078 | ALL | 502522 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 |
| 3079 | ALL | 502622 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 3080 | ALL | 502722 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 3081 | ALL | 502822 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 |
| 3082 | ALL | 502922 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 3083 | ALL | 503022 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-04 |
| 3084 | ALL | 503122 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 3085 | ALL | 503222 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.22E-04 |
| 3086 | ALL | 503322 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.17E-04 |
| 3087 | ALL | 503422 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.11E-04 |
| 3088 | ALL | 503722 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 |
| 3089 | ALL | 503822 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 3090 | ALL | 503922 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.74E-05 |
| 3091 | ALL | 504022 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 3092 | ALL | 504122 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 3093 | ALL | 504222 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.25E-05 |
| 3094 | ALL | 504322 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.02E-05 |
| 3095 | ALL | 504422 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 3096 | ALL | 504522 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 3097 | ALL | 504622 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 3098 | ALL | 504722 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-05 |
| 3099 | ALL | 504822 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 3100 | ALL | 504922 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-05 |
| 3101 | ALL | 505022 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 3102 | ALL | 505122 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-05 |
| 3103 | ALL | 505222 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 3104 | ALL | 505322 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-05 |
| 3105 | ALL | 505422 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-05 |
| 3106 | ALL | 505522 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.93E-05 |
| 3107 | ALL | 505622 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-05 |
| 3108 | ALL | 505722 | 3632476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-05 |
| 3109 | ALL | 501722 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 3110 | ALL | 501822 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.18E-04 |
| 3111 | ALL | 501922 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-04 |
| 3112 | ALL | 502022 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-04 |
| 3113 | ALL | 502122 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 3114 | ALL | 502222 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.47E-04 |
| 3115 | ALL | 502322 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 3116 | ALL | 502422 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-04 |
| 3117 | ALL | 502522 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-04 |
| 3118 | ALL | 502622 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.61E-04 |
| 3119 | ALL | 502722 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 3120 | ALL | 502822 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 3121 | ALL | 502922 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 3122 | ALL | 503022 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 3123 | ALL | 503122 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-04 |
| 3124 | ALL | 503222 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-04 |
| 3125 | ALL | 503322 | 3632576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3126 | ALL | 503422 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 3127 | ALL | 503722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.10E-05 |
| 3128 | ALL | 503822 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 |
| 3129 | ALL | 503922 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 3130 | ALL | 504022 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3131 | ALL | 504122 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 3132 | ALL | 504222 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 3133 | ALL | 504322 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3134 | ALL | 504422 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3135 | ALL | 504522 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 3136 | ALL | 504622 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-05 |
| 3137 | ALL | 504722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-05 |
| 3138 | ALL | 504822 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.55E-05 |
| 3139 | ALL | 504922 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-05 |
| 3140 | ALL | 505022 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 3141 | ALL | 505122 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-05 |
| 3142 | ALL | 505222 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 3143 | ALL | 505322 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.17E-05 |
| 3144 | ALL | 505422 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.18E-05 |
| 3145 | ALL | 505522 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.20E-05 |
| 3146 | ALL | 505622 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-05 |
| 3147 | ALL | 505722 | 3632576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.29E-05 |
| 3148 | ALL | 501722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-04 |
| 3149 | ALL | 501822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-04 |
| 3150 | ALL | 501922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.23E-04 |
| 3151 | ALL | 502022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-04 |
| 3152 | ALL | 502122 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.47E-04 |
| 3153 | ALL | 502222 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.51E-04 |
| 3154 | ALL | 502322 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-04 |
| 3155 | ALL | 502422 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.59E-04 |
| 3156 | ALL | 502522 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 |
| 3157 | ALL | 502622 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-04 |
| 3158 | ALL | 502722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.82E-04 |
| 3159 | ALL | 502822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-04 |
| 3160 | ALL | 502922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.26E-04 |
| 3161 | ALL | 503022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 3162 | ALL | 503722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 3163 | ALL | 503822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 |
| 3164 | ALL | 503922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-05 |
| 3165 | ALL | 504022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.17E-05 |
| 3166 | ALL | 504122 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.64E-05 |
| 3167 | ALL | 504222 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.33E-05 |
| 3168 | ALL | 504322 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 3169 | ALL | 504422 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.07E-05 |
| 3170 | ALL | 504522 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 3171 | ALL | 504622 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.93E-05 |
| 3172 | ALL | 504722 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-05 |
| 3173 | ALL | 504822 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-05 |
| 3174 | ALL | 504922 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 3175 | ALL | 505022 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-05 |
| 3176 | ALL | 505122 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 3177 | ALL | 505222 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.43E-05 |
| 3178 | ALL | 505322 | 3632676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3179 | ALL | 505422 | 3632676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.45E-05 |
| 3180 | ALL | 505522 | 3632676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 3181 | ALL | 505622 | 3632676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.54E-05 |
| 3182 | ALL | 505722 | 3632676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 3183 | ALL | 502422 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-04 |
| 3184 | ALL | 502522 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-04 |
| 3185 | ALL | 502622 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-04 |
| 3186 | ALL | 502722 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-04 |
| 3187 | ALL | 502822 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.31E-04 |
| 3188 | ALL | 502922 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 |
| 3189 | ALL | 503022 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.91E-04 |
| 3190 | ALL | 503122 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-04 |
| 3191 | ALL | 503222 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-04 |
| 3192 | ALL | 503622 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 3193 | ALL | 503722 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 |
| 3194 | ALL | 503822 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 |
| 3195 | ALL | 503922 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.21E-05 |
| 3196 | ALL | 504022 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 3197 | ALL | 504122 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 3198 | ALL | 504222 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.85E-05 |
| 3199 | ALL | 504322 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-05 |
| 3200 | ALL | 504422 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 3201 | ALL | 504522 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.27E-05 |
| 3202 | ALL | 504622 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 3203 | ALL | 504722 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 3204 | ALL | 504822 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 3205 | ALL | 504922 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-05 |
| 3206 | ALL | 505022 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 3207 | ALL | 505122 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.75E-05 |
| 3208 | ALL | 505222 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 3209 | ALL | 505322 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.70E-05 |
| 3210 | ALL | 505422 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-05 |
| 3211 | ALL | 505522 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 3212 | ALL | 505622 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 3213 | ALL | 505722 | 3632776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 3214 | ALL | 501722 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 |
| 3215 | ALL | 501822 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.67E-04 |
| 3216 | ALL | 501922 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-04 |
| 3217 | ALL | 502022 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 3218 | ALL | 502122 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-04 |
| 3219 | ALL | 502222 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 3220 | ALL | 502322 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 3221 | ALL | 502422 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 3222 | ALL | 502522 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-04 |
| 3223 | ALL | 502622 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 3224 | ALL | 502722 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.88E-04 |
| 3225 | ALL | 502822 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-04 |
| 3226 | ALL | 502922 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 |
| 3227 | ALL | 503022 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.06E-04 |
| 3228 | ALL | 503122 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-04 |
| 3229 | ALL | 503222 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.87E-04 |
| 3230 | ALL | 503322 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-04 |
| 3231 | ALL | 503422 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-04 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3232 | ALL | 503622 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.35E-04 |
| 3233 | ALL | 503722 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 3234 | ALL | 503822 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.92E-05 |
| 3235 | ALL | 503922 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 |
| 3236 | ALL | 504022 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 3237 | ALL | 504122 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E-05 |
| 3238 | ALL | 504222 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 3239 | ALL | 504322 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 |
| 3240 | ALL | 504422 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.69E-05 |
| 3241 | ALL | 504522 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 3242 | ALL | 504622 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 3243 | ALL | 504722 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-05 |
| 3244 | ALL | 504822 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 3245 | ALL | 504922 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.17E-05 |
| 3246 | ALL | 505022 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-05 |
| 3247 | ALL | 505122 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 3248 | ALL | 505222 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.06E-05 |
| 3249 | ALL | 505322 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 3250 | ALL | 505422 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.19E-05 |
| 3251 | ALL | 505522 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.15E-05 |
| 3252 | ALL | 505622 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.14E-05 |
| 3253 | ALL | 505722 | 3632876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 3254 | ALL | 501722 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.02E-04 |
| 3255 | ALL | 501822 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.12E-04 |
| 3256 | ALL | 501922 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-04 |
| 3257 | ALL | 502022 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-04 |
| 3258 | ALL | 502122 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.30E-04 |
| 3259 | ALL | 505322 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 |
| 3260 | ALL | 505422 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.57E-05 |
| 3261 | ALL | 505522 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3262 | ALL | 505622 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.47E-05 |
| 3263 | ALL | 505722 | 3632976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 3264 | ALL | 501722 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 |
| 3265 | ALL | 501822 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.06E-05 |
| 3266 | ALL | 501922 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 3267 | ALL | 502022 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.03E-04 |
| 3268 | ALL | 502122 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 |
| 3269 | ALL | 505322 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 3270 | ALL | 505422 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-05 |
| 3271 | ALL | 505522 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3272 | ALL | 505622 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-05 |
| 3273 | ALL | 505722 | 3633076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 3274 | ALL | 501722 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 3275 | ALL | 501822 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.05E-05 |
| 3276 | ALL | 501922 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 3277 | ALL | 502022 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.11E-05 |
| 3278 | ALL | 502122 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 |
| 3279 | ALL | 505322 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.49E-05 |
| 3280 | ALL | 505422 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.40E-05 |
| 3281 | ALL | 505522 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 3282 | ALL | 505622 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.22E-05 |
| 3283 | ALL | 505722 | 3633176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.88E-05 |
| 3284 | ALL | 501722 | 3633276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3285 | ALL | 501822 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-05 |
| 3286 | ALL | 501922 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.00E-05 |
| 3287 | ALL | 502022 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 |
| 3288 | ALL | 502122 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.96E-05 |
| 3289 | ALL | 505322 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.01E-05 |
| 3290 | ALL | 505422 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.75E-05 |
| 3291 | ALL | 505522 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 |
| 3292 | ALL | 505622 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.61E-05 |
| 3293 | ALL | 505722 | 3633276 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 3294 | ALL | 501722 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.71E-05 |
| 3295 | ALL | 501822 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.17E-05 |
| 3296 | ALL | 501922 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.64E-05 |
| 3297 | ALL | 502022 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 3298 | ALL | 502122 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 3299 | ALL | 505322 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 |
| 3300 | ALL | 505422 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 3301 | ALL | 505522 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 3302 | ALL | 505622 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.90E-05 |
| 3303 | ALL | 505722 | 3633376 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 3304 | ALL | 501722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 |
| 3305 | ALL | 501822 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.99E-05 |
| 3306 | ALL | 501922 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-05 |
| 3307 | ALL | 502022 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.95E-05 |
| 3308 | ALL | 502122 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.45E-05 |
| 3309 | ALL | 505322 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-05 |
| 3310 | ALL | 505422 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 |
| 3311 | ALL | 505522 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 |
| 3312 | ALL | 505622 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 |
| 3313 | ALL | 505722 | 3633476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 3314 | ALL | 501722 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 3315 | ALL | 501822 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 3316 | ALL | 501922 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.36E-05 |
| 3317 | ALL | 502022 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |
| 3318 | ALL | 502122 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.44E-05 |
| 3319 | ALL | 505322 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.48E-05 |
| 3320 | ALL | 505422 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 |
| 3321 | ALL | 505522 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 3322 | ALL | 505622 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-05 |
| 3323 | ALL | 505722 | 3633576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 3324 | ALL | 501722 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 |
| 3325 | ALL | 501822 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 |
| 3326 | ALL | 501922 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 |
| 3327 | ALL | 502022 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.84E-05 |
| 3328 | ALL | 502122 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 3329 | ALL | 505322 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E-05 |
| 3330 | ALL | 505422 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.73E-05 |
| 3331 | ALL | 505522 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 |
| 3332 | ALL | 505622 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 3333 | ALL | 505722 | 3633676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 |
| 3334 | ALL | 501722 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 3335 | ALL | 501822 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 3336 | ALL | 501922 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 3337 | ALL | 502022 | 3633776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3338 | ALL | 502122 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 3339 | ALL | 505322 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.73E-05 |
| 3340 | ALL | 505422 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 3341 | ALL | 505522 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 3342 | ALL | 505622 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.23E-05 |
| 3343 | ALL | 505722 | 3633776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.14E-05 |
| 3344 | ALL | 501722 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.39E-05 |
| 3345 | ALL | 501822 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 |
| 3346 | ALL | 501922 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 |
| 3347 | ALL | 502022 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.89E-05 |
| 3348 | ALL | 502122 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 |
| 3349 | ALL | 505322 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 3350 | ALL | 505422 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.23E-05 |
| 3351 | ALL | 505522 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 |
| 3352 | ALL | 505622 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.19E-05 |
| 3353 | ALL | 505722 | 3633876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-05 |
| 3354 | ALL | 501722 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 |
| 3355 | ALL | 501822 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 |
| 3356 | ALL | 501922 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.37E-05 |
| 3357 | ALL | 502022 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.94E-05 |
| 3358 | ALL | 502122 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.59E-05 |
| 3359 | ALL | 505322 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 |
| 3360 | ALL | 505422 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.18E-05 |
| 3361 | ALL | 505522 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.59E-05 |
| 3362 | ALL | 505622 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-05 |
| 3363 | ALL | 505722 | 3633976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.85E-05 |
| 3364 | ALL | 501722 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 3365 | ALL | 501822 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 3366 | ALL | 501922 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 3367 | ALL | 502022 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 |
| 3368 | ALL | 502122 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.65E-05 |
| 3369 | ALL | 505322 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.51E-05 |
| 3370 | ALL | 505422 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 |
| 3371 | ALL | 505522 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.66E-05 |
| 3372 | ALL | 505622 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 3373 | ALL | 505722 | 3634076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.62E-05 |
| 3374 | ALL | 501722 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 |
| 3375 | ALL | 501822 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.90E-05 |
| 3376 | ALL | 501922 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 3377 | ALL | 502022 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.01E-05 |
| 3378 | ALL | 502122 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.71E-05 |
| 3379 | ALL | 505322 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 |
| 3380 | ALL | 505422 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 |
| 3381 | ALL | 505522 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 3382 | ALL | 505622 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.00E-05 |
| 3383 | ALL | 505722 | 3634176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 3384 | ALL | 501722 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 3385 | ALL | 501822 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.88E-05 |
| 3386 | ALL | 501922 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.42E-05 |
| 3387 | ALL | 502022 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.03E-05 |
| 3388 | ALL | 502122 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-05 |
| 3389 | ALL | 505322 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.42E-05 |
| 3390 | ALL | 505422 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3391 | ALL | 505522 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 3392 | ALL | 505622 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 3393 | ALL | 505722 | 3634276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.14E-05 |
| 3394 | ALL | 501722 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 |
| 3395 | ALL | 501822 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 3396 | ALL | 501922 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 |
| 3397 | ALL | 502022 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-05 |
| 3398 | ALL | 502122 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.80E-05 |
| 3399 | ALL | 505322 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 |
| 3400 | ALL | 505422 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 |
| 3401 | ALL | 505522 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 3402 | ALL | 505622 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 3403 | ALL | 505722 | 3634376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.95E-05 |
| 3404 | ALL | 501722 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 |
| 3405 | ALL | 501822 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.93E-05 |
| 3406 | ALL | 501922 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.49E-05 |
| 3407 | ALL | 502022 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.13E-05 |
| 3408 | ALL | 502122 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-05 |
| 3409 | ALL | 505322 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 |
| 3410 | ALL | 505422 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.94E-05 |
| 3411 | ALL | 505522 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 |
| 3412 | ALL | 505622 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.91E-05 |
| 3413 | ALL | 505722 | 3634476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3414 | ALL | 501722 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.41E-05 |
| 3415 | ALL | 501822 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 3416 | ALL | 501922 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.45E-05 |
| 3417 | ALL | 502022 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 |
| 3418 | ALL | 502122 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.83E-05 |
| 3419 | ALL | 505322 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.41E-05 |
| 3420 | ALL | 505422 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.32E-05 |
| 3421 | ALL | 505522 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 |
| 3422 | ALL | 505622 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |
| 3423 | ALL | 505722 | 3634576 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 3424 | ALL | 501722 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 |
| 3425 | ALL | 501822 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.87E-05 |
| 3426 | ALL | 501922 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.41E-05 |
| 3427 | ALL | 502022 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 3428 | ALL | 502122 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.72E-05 |
| 3429 | ALL | 505322 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.54E-05 |
| 3430 | ALL | 505422 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.38E-05 |
| 3431 | ALL | 505522 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.18E-05 |
| 3432 | ALL | 505622 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-05 |
| 3433 | ALL | 505722 | 3634676 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.04E-05 |
| 3434 | ALL | 501722 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 3435 | ALL | 501822 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-05 |
| 3436 | ALL | 501922 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.31E-05 |
| 3437 | ALL | 502022 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.94E-05 |
| 3438 | ALL | 502122 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.62E-05 |
| 3439 | ALL | 505322 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.61E-05 |
| 3440 | ALL | 505422 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 |
| 3441 | ALL | 505522 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-05 |
| 3442 | ALL | 505622 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.35E-05 |
| 3443 | ALL | 505722 | 3634776 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.24E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3444 | ALL | 501722 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 3445 | ALL | 501822 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 |
| 3446 | ALL | 501922 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.20E-05 |
| 3447 | ALL | 502022 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 3448 | ALL | 502122 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.43E-05 |
| 3449 | ALL | 505322 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.22E-05 |
| 3450 | ALL | 505422 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.97E-05 |
| 3451 | ALL | 505522 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.19E-05 |
| 3452 | ALL | 505622 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.50E-05 |
| 3453 | ALL | 505722 | 3634876 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 3454 | ALL | 501722 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-05 |
| 3455 | ALL | 501822 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 |
| 3456 | ALL | 501922 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.01E-05 |
| 3457 | ALL | 502022 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 |
| 3458 | ALL | 502122 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 3459 | ALL | 505322 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.63E-05 |
| 3460 | ALL | 505422 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-05 |
| 3461 | ALL | 505522 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-05 |
| 3462 | ALL | 505622 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.34E-05 |
| 3463 | ALL | 505722 | 3634976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.76E-05 |
| 3464 | ALL | 501722 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.31E-05 |
| 3465 | ALL | 501822 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.50E-05 |
| 3466 | ALL | 501922 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.79E-05 |
| 3467 | ALL | 502022 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.24E-05 |
| 3468 | ALL | 502122 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 |
| 3469 | ALL | 505322 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.82E-05 |
| 3470 | ALL | 505422 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.49E-05 |
| 3471 | ALL | 505522 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.81E-05 |
| 3472 | ALL | 505622 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.17E-05 |
| 3473 | ALL | 505722 | 3635076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.61E-05 |
| 3474 | ALL | 501722 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-05 |
| 3475 | ALL | 501822 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-05 |
| 3476 | ALL | 501922 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.55E-05 |
| 3477 | ALL | 502022 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-05 |
| 3478 | ALL | 502122 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.97E-05 |
| 3479 | ALL | 505322 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.05E-04 |
| 3480 | ALL | 505422 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.71E-05 |
| 3481 | ALL | 505522 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.97E-05 |
| 3482 | ALL | 505622 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.29E-05 |
| 3483 | ALL | 505722 | 3635176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-05 |
| 3484 | ALL | 501722 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-05 |
| 3485 | ALL | 501822 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.74E-05 |
| 3486 | ALL | 501922 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.08E-05 |
| 3487 | ALL | 502022 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.44E-05 |
| 3488 | ALL | 502122 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |
| 3489 | ALL | 505622 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.77E-05 |
| 3490 | ALL | 505722 | 3635276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 |
| 3491 | ALL | 501722 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 3492 | ALL | 501822 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 |
| 3493 | ALL | 501922 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-05 |
| 3494 | ALL | 502022 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-05 |
| 3495 | ALL | 502122 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.25E-05 |
| 3496 | ALL | 505622 | 3635376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.57E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3497 | ALL | 501722 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.42E-05 |
| 3498 | ALL | 501822 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 |
| 3499 | ALL | 501922 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 |
| 3500 | ALL | 502022 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-05 |
| 3501 | ALL | 502122 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.76E-05 |
| 3502 | ALL | 505622 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 |
| 3503 | ALL | 505722 | 3635476 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 |
| 3504 | ALL | 501722 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3505 | ALL | 501822 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-05 |
| 3506 | ALL | 501922 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 3507 | ALL | 502022 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.93E-05 |
| 3508 | ALL | 502122 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 3509 | ALL | 505322 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 |
| 3510 | ALL | 505422 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.43E-05 |
| 3511 | ALL | 505522 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-05 |
| 3512 | ALL | 505622 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-05 |
| 3513 | ALL | 505722 | 3635576 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 |
| 3514 | ALL | 501722 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.59E-05 |
| 3515 | ALL | 501822 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.90E-05 |
| 3516 | ALL | 501922 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.21E-05 |
| 3517 | ALL | 502022 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 3518 | ALL | 502122 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 |
| 3519 | ALL | 505322 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.32E-05 |
| 3520 | ALL | 505422 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.89E-05 |
| 3521 | ALL | 505522 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.55E-05 |
| 3522 | ALL | 505622 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-05 |
| 3523 | ALL | 505722 | 3635676 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 |
| 3524 | ALL | 501722 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 3525 | ALL | 501822 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3526 | ALL | 501922 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3527 | ALL | 502022 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.12E-05 |
| 3528 | ALL | 502122 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 3529 | ALL | 505322 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.94E-05 |
| 3530 | ALL | 505422 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 |
| 3531 | ALL | 505522 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.15E-05 |
| 3532 | ALL | 505622 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 3533 | ALL | 505722 | 3635776 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-05 |
| 3534 | ALL | 501722 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.90E-05 |
| 3535 | ALL | 501822 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.24E-05 |
| 3536 | ALL | 501922 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.56E-05 |
| 3537 | ALL | 502022 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 3538 | ALL | 502122 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 |
| 3539 | ALL | 505322 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-05 |
| 3540 | ALL | 505422 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-05 |
| 3541 | ALL | 505522 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.86E-05 |
| 3542 | ALL | 505622 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.53E-05 |
| 3543 | ALL | 505722 | 3635876 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 |
| 3544 | ALL | 501722 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.67E-05 |
| 3545 | ALL | 501822 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.00E-05 |
| 3546 | ALL | 501922 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |
| 3547 | ALL | 502022 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 3548 | ALL | 502122 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.74E-05 |
| 3549 | ALL | 505322 | 3635976 | NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3550 | ALL | 505422 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.94E-05 |
| 3551 | ALL | 505522 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-05 |
| 3552 | ALL | 505622 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.30E-05 |
| 3553 | ALL | 505722 | 3635976 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.01E-05 |
| 3554 | ALL | 501722 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 3555 | ALL | 501822 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.76E-05 |
| 3556 | ALL | 501922 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-05 |
| 3557 | ALL | 502022 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.21E-05 |
| 3558 | ALL | 502122 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.46E-05 |
| 3559 | ALL | 502222 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 3560 | ALL | 502322 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.16E-05 |
| 3561 | ALL | 502422 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.50E-05 |
| 3562 | ALL | 502522 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 |
| 3563 | ALL | 502622 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 3564 | ALL | 502722 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.48E-05 |
| 3565 | ALL | 502822 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-05 |
| 3566 | ALL | 502922 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.06E-05 |
| 3567 | ALL | 503022 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.28E-05 |
| 3568 | ALL | 503122 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.33E-05 |
| 3569 | ALL | 503222 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.77E-05 |
| 3570 | ALL | 503322 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.30E-05 |
| 3571 | ALL | 503422 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.75E-05 |
| 3572 | ALL | 503522 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-05 |
| 3573 | ALL | 503622 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.41E-05 |
| 3574 | ALL | 503722 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.55E-05 |
| 3575 | ALL | 503822 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.61E-05 |
| 3576 | ALL | 503922 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 |
| 3577 | ALL | 504022 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.89E-05 |
| 3578 | ALL | 504122 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.98E-05 |
| 3579 | ALL | 504222 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 3580 | ALL | 504322 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.00E-04 |
| 3581 | ALL | 504422 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.73E-05 |
| 3582 | ALL | 504522 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.29E-05 |
| 3583 | ALL | 504622 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.00E-05 |
| 3584 | ALL | 504722 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.63E-05 |
| 3585 | ALL | 504822 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.99E-05 |
| 3586 | ALL | 504922 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.40E-05 |
| 3587 | ALL | 505022 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.04E-05 |
| 3588 | ALL | 505122 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.68E-05 |
| 3589 | ALL | 505222 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 |
| 3590 | ALL | 505322 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 3591 | ALL | 505422 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 3592 | ALL | 505522 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.39E-05 |
| 3593 | ALL | 505622 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 3594 | ALL | 505722 | 3636076 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.82E-05 |
| 3595 | ALL | 501722 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-05 |
| 3596 | ALL | 501822 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.53E-05 |
| 3597 | ALL | 501922 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.79E-05 |
| 3598 | ALL | 502022 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 3599 | ALL | 502122 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E-05 |
| 3600 | ALL | 502222 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.55E-05 |
| 3601 | ALL | 502322 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.91E-05 |
| 3602 | ALL | 502422 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.23E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3603 | ALL | 502522 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 3604 | ALL | 502622 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 |
| 3605 | ALL | 502722 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 |
| 3606 | ALL | 502822 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-05 |
| 3607 | ALL | 502922 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.56E-05 |
| 3608 | ALL | 503022 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-05 |
| 3609 | ALL | 503122 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.49E-05 |
| 3610 | ALL | 503222 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.07E-05 |
| 3611 | ALL | 503322 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.62E-05 |
| 3612 | ALL | 503422 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-05 |
| 3613 | ALL | 503522 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-05 |
| 3614 | ALL | 503622 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.57E-05 |
| 3615 | ALL | 503722 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.68E-05 |
| 3616 | ALL | 503822 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.70E-05 |
| 3617 | ALL | 503922 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.76E-05 |
| 3618 | ALL | 504022 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.82E-05 |
| 3619 | ALL | 504122 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.77E-05 |
| 3620 | ALL | 504222 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.84E-05 |
| 3621 | ALL | 504322 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.46E-05 |
| 3622 | ALL | 504422 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.83E-05 |
| 3623 | ALL | 504522 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-05 |
| 3624 | ALL | 504622 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.26E-05 |
| 3625 | ALL | 504722 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.04E-05 |
| 3626 | ALL | 504822 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.71E-05 |
| 3627 | ALL | 504922 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.35E-05 |
| 3628 | ALL | 505022 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.84E-05 |
| 3629 | ALL | 505122 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-05 |
| 3630 | ALL | 505222 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.05E-05 |
| 3631 | ALL | 505322 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-05 |
| 3632 | ALL | 505422 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.51E-05 |
| 3633 | ALL | 505522 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-05 |
| 3634 | ALL | 505622 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.92E-05 |
| 3635 | ALL | 505722 | 3636176 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-05 |
| 3636 | ALL | 501722 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-05 |
| 3637 | ALL | 501822 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-05 |
| 3638 | ALL | 501922 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.60E-05 |
| 3639 | ALL | 502022 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.84E-05 |
| 3640 | ALL | 502122 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-05 |
| 3641 | ALL | 502222 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 3642 | ALL | 502322 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 3643 | ALL | 502422 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 3644 | ALL | 502522 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-05 |
| 3645 | ALL | 502622 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-05 |
| 3646 | ALL | 502722 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-05 |
| 3647 | ALL | 502822 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 |
| 3648 | ALL | 502922 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-05 |
| 3649 | ALL | 503022 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-05 |
| 3650 | ALL | 503122 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.27E-05 |
| 3651 | ALL | 503222 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.37E-05 |
| 3652 | ALL | 503322 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.77E-05 |
| 3653 | ALL | 503422 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.22E-05 |
| 3654 | ALL | 503522 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.53E-05 |
| 3655 | ALL | 503622 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.75E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3656 | ALL | 503722 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.85E-05 |
| 3657 | ALL | 503822 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-05 |
| 3658 | ALL | 503922 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.88E-05 |
| 3659 | ALL | 504022 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 |
| 3660 | ALL | 504122 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-05 |
| 3661 | ALL | 504222 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.98E-05 |
| 3662 | ALL | 504322 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-05 |
| 3663 | ALL | 504422 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 3664 | ALL | 504522 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 3665 | ALL | 504622 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.73E-05 |
| 3666 | ALL | 504722 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.44E-05 |
| 3667 | ALL | 504822 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 |
| 3668 | ALL | 504922 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-05 |
| 3669 | ALL | 505022 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.51E-05 |
| 3670 | ALL | 505122 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-05 |
| 3671 | ALL | 505222 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-05 |
| 3672 | ALL | 505322 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.56E-05 |
| 3673 | ALL | 505422 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 3674 | ALL | 505522 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.02E-05 |
| 3675 | ALL | 505622 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-05 |
| 3676 | ALL | 505722 | 3636276 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 3677 | ALL | 501722 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-05 |
| 3678 | ALL | 501822 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.22E-05 |
| 3679 | ALL | 501922 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.47E-05 |
| 3680 | ALL | 502022 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-05 |
| 3681 | ALL | 502122 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.95E-05 |
| 3682 | ALL | 502222 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-05 |
| 3683 | ALL | 502322 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.44E-05 |
| 3684 | ALL | 502422 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-05 |
| 3685 | ALL | 502522 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-05 |
| 3686 | ALL | 502622 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 3687 | ALL | 502722 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 3688 | ALL | 502822 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.44E-05 |
| 3689 | ALL | 502922 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.55E-05 |
| 3690 | ALL | 503022 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-05 |
| 3691 | ALL | 503122 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.66E-05 |
| 3692 | ALL | 503222 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.67E-05 |
| 3693 | ALL | 503322 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.98E-05 |
| 3694 | ALL | 503422 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.53E-05 |
| 3695 | ALL | 503522 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.78E-05 |
| 3696 | ALL | 503622 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 |
| 3697 | ALL | 503722 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.09E-05 |
| 3698 | ALL | 503822 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.13E-05 |
| 3699 | ALL | 503922 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.96E-05 |
| 3700 | ALL | 504022 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-05 |
| 3701 | ALL | 504122 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-05 |
| 3702 | ALL | 504222 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.70E-05 |
| 3703 | ALL | 504322 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 3704 | ALL | 504422 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3705 | ALL | 504522 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.79E-05 |
| 3706 | ALL | 504622 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3707 | ALL | 504722 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-05 |
| 3708 | ALL | 504822 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3709 | ALL | 504922 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3710 | ALL | 505022 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.02E-05 |
| 3711 | ALL | 505122 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-05 |
| 3712 | ALL | 505222 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-05 |
| 3713 | ALL | 505322 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.35E-05 |
| 3714 | ALL | 505422 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.10E-05 |
| 3715 | ALL | 505522 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3716 | ALL | 505622 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.63E-05 |
| 3717 | ALL | 505722 | 3636376 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.41E-05 |
| 3718 | ALL | 501722 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.83E-05 |
| 3719 | ALL | 501822 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-05 |
| 3720 | ALL | 501922 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-05 |
| 3721 | ALL | 502022 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.52E-05 |
| 3722 | ALL | 502122 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-05 |
| 3723 | ALL | 502222 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.99E-05 |
| 3724 | ALL | 502322 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-05 |
| 3725 | ALL | 502422 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.51E-05 |
| 3726 | ALL | 502522 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-05 |
| 3727 | ALL | 502622 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.87E-05 |
| 3728 | ALL | 502722 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.99E-05 |
| 3729 | ALL | 502822 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.00E-05 |
| 3730 | ALL | 502922 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.09E-05 |
| 3731 | ALL | 503022 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.11E-05 |
| 3732 | ALL | 503122 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-05 |
| 3733 | ALL | 503222 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.07E-05 |
| 3734 | ALL | 503322 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.41E-05 |
| 3735 | ALL | 503422 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.80E-05 |
| 3736 | ALL | 503522 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.07E-05 |
| 3737 | ALL | 503622 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.24E-05 |
| 3738 | ALL | 503722 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.40E-05 |
| 3739 | ALL | 503822 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.29E-05 |
| 3740 | ALL | 503922 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.13E-05 |
| 3741 | ALL | 504022 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.18E-05 |
| 3742 | ALL | 504122 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.29E-05 |
| 3743 | ALL | 504222 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-05 |
| 3744 | ALL | 504322 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.62E-05 |
| 3745 | ALL | 504422 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.45E-05 |
| 3746 | ALL | 504522 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.37E-05 |
| 3747 | ALL | 504622 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-05 |
| 3748 | ALL | 504722 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.34E-05 |
| 3749 | ALL | 504822 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-05 |
| 3750 | ALL | 504922 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.54E-05 |
| 3751 | ALL | 505022 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.52E-05 |
| 3752 | ALL | 505122 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-05 |
| 3753 | ALL | 505222 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.37E-05 |
| 3754 | ALL | 505322 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.13E-05 |
| 3755 | ALL | 505422 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.89E-05 |
| 3756 | ALL | 505522 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.68E-05 |
| 3757 | ALL | 505622 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.48E-05 |
| 3758 | ALL | 505722 | 3636476 | NonCance | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.28E-05 |

1.46E-03

| REC | Operation MAXHI | Construction MAXHI | Total |
|---|---|---|---|
| 1 | 1.26E-04 | 8.55E-05 | 2.12E-04 |
| 2 | 1.31E-04 | 8.92E-05 | 2.20E-04 |
| 3 | 1.36E-04 | 9.30E-05 | 2.29E-04 |
| 4 | 1.42E-04 | 9.70E-05 | 2.39E-04 |
| 5 | 1.48E-04 | 1.01E-04 | 2.49E-04 |
| 6 | 1.54E-04 | 1.06E-04 | 2.60E-04 |
| 7 | 1.61E-04 | 1.10E-04 | 2.71E-04 |
| 8 | 1.68E-04 | 1.15E-04 | 2.83E-04 |
| 9 | 1.76E-04 | 1.19E-04 | 2.95E-04 |
| 10 | 1.85E-04 | 1.24E-04 | 3.09E-04 |
| 11 | 1.95E-04 | 1.29E-04 | 3.24E-04 |
| 12 | 2.07E-04 | 1.33E-04 | 3.40E-04 |
| 13 | 1.97E-04 | 1.13E-04 | 3.10E-04 |
| 14 | 1.82E-04 | 8.38E-05 | 2.66E-04 |
| 15 | 2.07E-04 | 8.52E-05 | 2.92E-04 |
| 16 | 2.56E-04 | 8.78E-05 | 3.44E-04 |
| 17 | 4.07E-04 | 9.23E-05 | 4.99E-04 |
| 18 | 3.38E-04 | 9.34E-05 | 4.31E-04 |
| 19 | 2.17E-04 | 8.32E-05 | 3.00E-04 |
| 20 | 1.71E-04 | 7.64E-05 | 2.47E-04 |
| 21 | 1.58E-04 | 7.74E-05 | 2.35E-04 |
| 22 | 1.39E-04 | 7.41E-05 | 2.13E-04 |
| 23 | 1.32E-04 | 7.44E-05 | 2.06E-04 |
| 24 | 1.37E-04 | 8.04E-05 | 2.17E-04 |
| 25 | 1.33E-04 | 8.12E-05 | 2.14E-04 |
| 26 | 1.22E-04 | 7.77E-05 | 2.00E-04 |
| 27 | 1.21E-04 | 7.89E-05 | 2.00E-04 |
| 28 | 1.24E-04 | 8.22E-05 | 2.06E-04 |
| 29 | 1.16E-04 | 7.90E-05 | 1.95E-04 |
| 30 | 1.17E-04 | 8.07E-05 | 1.98E-04 |
| 31 | 1.19E-04 | 8.36E-05 | 2.03E-04 |
| 32 | 1.18E-04 | 8.37E-05 | 2.02E-04 |
| 33 | 1.05E-04 | 7.62E-05 | 1.81E-04 |
| 34 | 9.73E-05 | 7.15E-05 | 1.69E-04 |
| 35 | 9.24E-05 | 6.89E-05 | 1.61E-04 |
| 36 | 9.02E-05 | 6.82E-05 | 1.58E-04 |
| 37 | 9.13E-05 | 6.96E-05 | 1.61E-04 |
| 38 | 9.34E-05 | 7.17E-05 | 1.65E-04 |
| 39 | 9.41E-05 | 7.28E-05 | 1.67E-04 |
| 40 | 9.63E-05 | 7.47E-05 | 1.71E-04 |
| 41 | 1.28E-04 | 8.89E-05 | 2.17E-04 |
| 42 | 1.33E-04 | 9.29E-05 | 2.26E-04 |
| 43 | 1.39E-04 | 9.71E-05 | 2.36E-04 |
| 44 | 1.45E-04 | 1.02E-04 | 2.47E-04 |
| 45 | 1.51E-04 | 1.06E-04 | 2.57E-04 |
| 46 | 1.58E-04 | 1.11E-04 | 2.69E-04 |
| 47 | 1.65E-04 | 1.16E-04 | 2.81E-04 |
| 48 | 1.73E-04 | 1.21E-04 | 2.94E-04 |

| | | | |
|---|---|---|---|
| 49 | 1.81E-04 | 1.26E-04 | 3.07E-04 |
| 50 | 1.91E-04 | 1.32E-04 | 3.23E-04 |
| 51 | 2.02E-04 | 1.37E-04 | 3.39E-04 |
| 52 | 2.14E-04 | 1.42E-04 | 3.56E-04 |
| 53 | 2.23E-04 | 1.44E-04 | 3.67E-04 |
| 54 | 2.10E-04 | 1.13E-04 | 3.23E-04 |
| 55 | 2.31E-04 | 1.09E-04 | 3.40E-04 |
| 56 | 2.76E-04 | 1.10E-04 | 3.86E-04 |
| 57 | 3.96E-04 | 1.07E-04 | 5.03E-04 |
| 58 | 4.31E-04 | 1.15E-04 | 5.46E-04 |
| 59 | 2.89E-04 | 1.08E-04 | 3.97E-04 |
| 60 | 2.41E-04 | 1.07E-04 | 3.48E-04 |
| 61 | 1.93E-04 | 9.64E-05 | 2.89E-04 |
| 62 | 1.61E-04 | 8.72E-05 | 2.48E-04 |
| 63 | 1.58E-04 | 9.06E-05 | 2.49E-04 |
| 64 | 1.63E-04 | 9.79E-05 | 2.61E-04 |
| 65 | 1.52E-04 | 9.49E-05 | 2.47E-04 |
| 66 | 1.39E-04 | 8.94E-05 | 2.28E-04 |
| 67 | 1.38E-04 | 9.12E-05 | 2.29E-04 |
| 68 | 1.42E-04 | 9.60E-05 | 2.38E-04 |
| 69 | 1.39E-04 | 9.63E-05 | 2.35E-04 |
| 70 | 1.38E-04 | 9.73E-05 | 2.35E-04 |
| 71 | 1.32E-04 | 9.46E-05 | 2.27E-04 |
| 72 | 1.14E-04 | 8.26E-05 | 1.97E-04 |
| 73 | 1.07E-04 | 7.86E-05 | 1.86E-04 |
| 74 | 1.01E-04 | 7.57E-05 | 1.77E-04 |
| 75 | 9.82E-05 | 7.44E-05 | 1.73E-04 |
| 76 | 9.94E-05 | 7.61E-05 | 1.76E-04 |
| 77 | 1.03E-04 | 7.89E-05 | 1.82E-04 |
| 78 | 1.05E-04 | 8.11E-05 | 1.86E-04 |
| 79 | 1.04E-04 | 8.13E-05 | 1.85E-04 |
| 80 | 1.03E-04 | 8.08E-05 | 1.84E-04 |
| 81 | 1.30E-04 | 9.23E-05 | 2.22E-04 |
| 82 | 1.35E-04 | 9.66E-05 | 2.32E-04 |
| 83 | 1.41E-04 | 1.01E-04 | 2.42E-04 |
| 84 | 1.48E-04 | 1.06E-04 | 2.54E-04 |
| 85 | 1.54E-04 | 1.11E-04 | 2.65E-04 |
| 86 | 1.62E-04 | 1.17E-04 | 2.79E-04 |
| 87 | 1.70E-04 | 1.22E-04 | 2.92E-04 |
| 88 | 1.78E-04 | 1.28E-04 | 3.06E-04 |
| 89 | 1.87E-04 | 1.34E-04 | 3.21E-04 |
| 90 | 1.98E-04 | 1.40E-04 | 3.38E-04 |
| 91 | 2.09E-04 | 1.47E-04 | 3.56E-04 |
| 92 | 2.22E-04 | 1.53E-04 | 3.75E-04 |
| 93 | 2.35E-04 | 1.58E-04 | 3.93E-04 |
| 94 | 2.34E-04 | 1.41E-04 | 3.75E-04 |
| 95 | 2.53E-04 | 1.40E-04 | 3.93E-04 |
| 96 | 2.87E-04 | 1.36E-04 | 4.23E-04 |
| 97 | 3.73E-04 | 1.44E-04 | 5.17E-04 |
| 98 | 4.84E-04 | 1.27E-04 | 6.11E-04 |

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| 99 | 3.36E-04 | 1.28E-04 | 4.64E-04 |
| 100 | 2.82E-04 | 1.31E-04 | 4.13E-04 |
| 101 | 2.30E-04 | 1.19E-04 | 3.49E-04 |
| 102 | 1.99E-04 | 1.11E-04 | 3.10E-04 |
| 103 | 1.98E-04 | 1.18E-04 | 3.16E-04 |
| 104 | 1.91E-04 | 1.19E-04 | 3.10E-04 |
| 105 | 1.75E-04 | 1.13E-04 | 2.88E-04 |
| 106 | 1.68E-04 | 1.11E-04 | 2.79E-04 |
| 107 | 1.60E-04 | 1.08E-04 | 2.68E-04 |
| 108 | 1.62E-04 | 1.12E-04 | 2.74E-04 |
| 109 | 1.60E-04 | 1.13E-04 | 2.73E-04 |
| 110 | 1.59E-04 | 1.15E-04 | 2.74E-04 |
| 111 | 1.39E-04 | 1.01E-04 | 2.40E-04 |
| 112 | 1.21E-04 | 8.87E-05 | 2.10E-04 |
| 113 | 1.14E-04 | 8.50E-05 | 1.99E-04 |
| 114 | 1.08E-04 | 8.17E-05 | 1.90E-04 |
| 115 | 1.07E-04 | 8.20E-05 | 1.89E-04 |
| 116 | 1.11E-04 | 8.59E-05 | 1.97E-04 |
| 117 | 1.16E-04 | 9.01E-05 | 2.06E-04 |
| 118 | 1.14E-04 | 8.91E-05 | 2.03E-04 |
| 119 | 1.12E-04 | 8.81E-05 | 2.00E-04 |
| 120 | 1.10E-04 | 8.72E-05 | 1.97E-04 |
| 121 | 1.32E-04 | 9.59E-05 | 2.28E-04 |
| 122 | 1.38E-04 | 1.01E-04 | 2.39E-04 |
| 123 | 1.44E-04 | 1.06E-04 | 2.50E-04 |
| 124 | 1.51E-04 | 1.11E-04 | 2.62E-04 |
| 125 | 1.58E-04 | 1.17E-04 | 2.75E-04 |
| 126 | 1.66E-04 | 1.23E-04 | 2.89E-04 |
| 127 | 1.75E-04 | 1.29E-04 | 3.04E-04 |
| 128 | 1.84E-04 | 1.36E-04 | 3.20E-04 |
| 129 | 1.94E-04 | 1.42E-04 | 3.36E-04 |
| 130 | 2.05E-04 | 1.49E-04 | 3.54E-04 |
| 131 | 2.18E-04 | 1.57E-04 | 3.75E-04 |
| 132 | 2.32E-04 | 1.64E-04 | 3.96E-04 |
| 133 | 2.48E-04 | 1.71E-04 | 4.19E-04 |
| 134 | 2.59E-04 | 1.72E-04 | 4.31E-04 |
| 135 | 2.67E-04 | 1.59E-04 | 4.26E-04 |
| 136 | 2.97E-04 | 1.57E-04 | 4.54E-04 |
| 137 | 3.65E-04 | 1.61E-04 | 5.26E-04 |
| 138 | 6.03E-04 | 1.48E-04 | 7.51E-04 |
| 139 | 3.70E-04 | 1.41E-04 | 5.11E-04 |
| 140 | 3.11E-04 | 1.48E-04 | 4.59E-04 |
| 141 | 2.50E-04 | 1.33E-04 | 3.83E-04 |
| 142 | 2.28E-04 | 1.32E-04 | 3.60E-04 |
| 143 | 2.22E-04 | 1.36E-04 | 3.58E-04 |
| 144 | 2.08E-04 | 1.34E-04 | 3.42E-04 |
| 145 | 2.00E-04 | 1.33E-04 | 3.33E-04 |
| 146 | 1.88E-04 | 1.28E-04 | 3.16E-04 |
| 147 | 1.79E-04 | 1.25E-04 | 3.04E-04 |
| 148 | 1.83E-04 | 1.31E-04 | 3.14E-04 |

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| 149 | 1.81E-04 | 1.32E-04 | 3.13E-04 |
| 150 | 1.74E-04 | 1.29E-04 | 3.03E-04 |
| 151 | 1.57E-04 | 1.16E-04 | 2.73E-04 |
| 152 | 1.41E-04 | 1.05E-04 | 2.46E-04 |
| 153 | 1.27E-04 | 9.61E-05 | 2.23E-04 |
| 154 | 1.20E-04 | 9.23E-05 | 2.12E-04 |
| 155 | 1.19E-04 | 9.22E-05 | 2.11E-04 |
| 156 | 1.27E-04 | 9.87E-05 | 2.26E-04 |
| 157 | 1.28E-04 | 9.99E-05 | 2.28E-04 |
| 158 | 1.24E-04 | 9.82E-05 | 2.22E-04 |
| 159 | 1.24E-04 | 9.88E-05 | 2.23E-04 |
| 160 | 1.19E-04 | 9.58E-05 | 2.15E-04 |
| 161 | 1.35E-04 | 9.95E-05 | 2.35E-04 |
| 162 | 1.41E-04 | 1.05E-04 | 2.46E-04 |
| 163 | 1.47E-04 | 1.10E-04 | 2.57E-04 |
| 164 | 1.55E-04 | 1.16E-04 | 2.71E-04 |
| 165 | 1.63E-04 | 1.22E-04 | 2.85E-04 |
| 166 | 1.72E-04 | 1.29E-04 | 3.01E-04 |
| 167 | 1.81E-04 | 1.36E-04 | 3.17E-04 |
| 168 | 1.91E-04 | 1.43E-04 | 3.34E-04 |
| 169 | 2.02E-04 | 1.51E-04 | 3.53E-04 |
| 170 | 2.14E-04 | 1.59E-04 | 3.73E-04 |
| 171 | 2.27E-04 | 1.68E-04 | 3.95E-04 |
| 172 | 2.42E-04 | 1.77E-04 | 4.19E-04 |
| 173 | 2.59E-04 | 1.85E-04 | 4.44E-04 |
| 174 | 2.79E-04 | 1.94E-04 | 4.73E-04 |
| 175 | 3.03E-04 | 2.02E-04 | 5.05E-04 |
| 176 | 3.29E-04 | 2.01E-04 | 5.30E-04 |
| 177 | 3.71E-04 | 1.98E-04 | 5.69E-04 |
| 178 | 5.14E-04 | 1.64E-04 | 6.78E-04 |
| 179 | 4.24E-04 | 1.60E-04 | 5.84E-04 |
| 180 | 3.41E-04 | 1.64E-04 | 5.05E-04 |
| 181 | 2.96E-04 | 1.63E-04 | 4.59E-04 |
| 182 | 2.65E-04 | 1.58E-04 | 4.23E-04 |
| 183 | 2.45E-04 | 1.55E-04 | 4.00E-04 |
| 184 | 2.34E-04 | 1.55E-04 | 3.89E-04 |
| 185 | 2.22E-04 | 1.52E-04 | 3.74E-04 |
| 186 | 2.11E-04 | 1.48E-04 | 3.59E-04 |
| 187 | 2.06E-04 | 1.48E-04 | 3.54E-04 |
| 188 | 2.06E-04 | 1.52E-04 | 3.58E-04 |
| 189 | 2.04E-04 | 1.53E-04 | 3.57E-04 |
| 190 | 1.98E-04 | 1.51E-04 | 3.49E-04 |
| 191 | 1.82E-04 | 1.38E-04 | 3.20E-04 |
| 192 | 1.61E-04 | 1.21E-04 | 2.82E-04 |
| 193 | 1.44E-04 | 1.10E-04 | 2.54E-04 |
| 194 | 1.37E-04 | 1.06E-04 | 2.43E-04 |
| 195 | 1.40E-04 | 1.09E-04 | 2.49E-04 |
| 196 | 1.44E-04 | 1.13E-04 | 2.57E-04 |
| 197 | 1.40E-04 | 1.11E-04 | 2.51E-04 |
| 198 | 1.37E-04 | 1.10E-04 | 2.47E-04 |

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| 199 | 1.34E-04 | 1.08E-04 | 2.42E-04 |
| 200 | 1.31E-04 | 1.06E-04 | 2.37E-04 |
| 201 | 1.37E-04 | 1.03E-04 | 2.40E-04 |
| 202 | 1.44E-04 | 1.09E-04 | 2.53E-04 |
| 203 | 1.51E-04 | 1.15E-04 | 2.66E-04 |
| 204 | 1.59E-04 | 1.21E-04 | 2.80E-04 |
| 205 | 1.68E-04 | 1.28E-04 | 2.96E-04 |
| 206 | 1.77E-04 | 1.36E-04 | 3.13E-04 |
| 207 | 1.87E-04 | 1.43E-04 | 3.30E-04 |
| 208 | 1.98E-04 | 1.52E-04 | 3.50E-04 |
| 209 | 2.10E-04 | 1.61E-04 | 3.71E-04 |
| 210 | 2.23E-04 | 1.70E-04 | 3.93E-04 |
| 211 | 2.37E-04 | 1.80E-04 | 4.17E-04 |
| 212 | 2.53E-04 | 1.90E-04 | 4.43E-04 |
| 213 | 2.71E-04 | 2.01E-04 | 4.72E-04 |
| 214 | 2.92E-04 | 2.11E-04 | 5.03E-04 |
| 215 | 3.16E-04 | 2.21E-04 | 5.37E-04 |
| 216 | 3.50E-04 | 2.31E-04 | 5.81E-04 |
| 217 | 3.90E-04 | 2.37E-04 | 6.27E-04 |
| 218 | 4.72E-04 | 2.20E-04 | 6.92E-04 |
| 219 | 4.07E-04 | 1.98E-04 | 6.05E-04 |
| 220 | 3.34E-04 | 1.88E-04 | 5.22E-04 |
| 221 | 3.04E-04 | 1.87E-04 | 4.91E-04 |
| 222 | 2.77E-04 | 1.81E-04 | 4.58E-04 |
| 223 | 2.62E-04 | 1.79E-04 | 4.41E-04 |
| 224 | 2.45E-04 | 1.72E-04 | 4.17E-04 |
| 225 | 2.35E-04 | 1.69E-04 | 4.04E-04 |
| 226 | 2.31E-04 | 1.70E-04 | 4.01E-04 |
| 227 | 2.35E-04 | 1.78E-04 | 4.13E-04 |
| 228 | 2.29E-04 | 1.77E-04 | 4.06E-04 |
| 229 | 2.20E-04 | 1.71E-04 | 3.91E-04 |
| 230 | 2.16E-04 | 1.69E-04 | 3.85E-04 |
| 231 | 1.87E-04 | 1.44E-04 | 3.31E-04 |
| 232 | 1.68E-04 | 1.30E-04 | 2.98E-04 |
| 233 | 1.61E-04 | 1.26E-04 | 2.87E-04 |
| 234 | 1.63E-04 | 1.28E-04 | 2.91E-04 |
| 235 | 1.60E-04 | 1.27E-04 | 2.87E-04 |
| 236 | 1.55E-04 | 1.24E-04 | 2.79E-04 |
| 237 | 1.57E-04 | 1.26E-04 | 2.83E-04 |
| 238 | 1.51E-04 | 1.22E-04 | 2.73E-04 |
| 239 | 1.43E-04 | 1.17E-04 | 2.60E-04 |
| 240 | 1.40E-04 | 1.07E-04 | 2.47E-04 |
| 241 | 1.47E-04 | 1.13E-04 | 2.60E-04 |
| 242 | 1.55E-04 | 1.20E-04 | 2.75E-04 |
| 243 | 1.64E-04 | 1.27E-04 | 2.91E-04 |
| 244 | 1.73E-04 | 1.35E-04 | 3.08E-04 |
| 245 | 1.83E-04 | 1.43E-04 | 3.26E-04 |
| 246 | 1.94E-04 | 1.52E-04 | 3.46E-04 |
| 247 | 2.06E-04 | 1.61E-04 | 3.67E-04 |
| 248 | 2.19E-04 | 1.71E-04 | 3.90E-04 |

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| 249 | 2.33E-04 | 1.82E-04 | 4.15E-04 |
| 250 | 2.49E-04 | 1.93E-04 | 4.42E-04 |
| 251 | 2.66E-04 | 2.05E-04 | 4.71E-04 |
| 252 | 2.86E-04 | 2.18E-04 | 5.04E-04 |
| 253 | 3.08E-04 | 2.30E-04 | 5.38E-04 |
| 254 | 3.33E-04 | 2.43E-04 | 5.76E-04 |
| 255 | 3.64E-04 | 2.55E-04 | 6.19E-04 |
| 256 | 3.83E-04 | 2.20E-04 | 6.03E-04 |
| 257 | 3.43E-04 | 2.17E-04 | 5.60E-04 |
| 258 | 3.20E-04 | 2.15E-04 | 5.35E-04 |
| 259 | 2.92E-04 | 2.04E-04 | 4.96E-04 |
| 260 | 2.72E-04 | 1.97E-04 | 4.69E-04 |
| 261 | 2.64E-04 | 1.95E-04 | 4.59E-04 |
| 262 | 2.79E-04 | 2.14E-04 | 4.93E-04 |
| 263 | 2.71E-04 | 2.11E-04 | 4.82E-04 |
| 264 | 2.65E-04 | 2.10E-04 | 4.75E-04 |
| 265 | 2.54E-04 | 2.03E-04 | 4.57E-04 |
| 266 | 2.42E-04 | 1.93E-04 | 4.35E-04 |
| 267 | 2.16E-04 | 1.71E-04 | 3.87E-04 |
| 268 | 2.00E-04 | 1.58E-04 | 3.58E-04 |
| 269 | 1.93E-04 | 1.54E-04 | 3.47E-04 |
| 270 | 1.83E-04 | 1.46E-04 | 3.29E-04 |
| 271 | 1.87E-04 | 1.51E-04 | 3.38E-04 |
| 272 | 1.91E-04 | 1.56E-04 | 3.47E-04 |
| 273 | 1.82E-04 | 1.49E-04 | 3.31E-04 |
| 274 | 1.71E-04 | 1.40E-04 | 3.11E-04 |
| 275 | 1.60E-04 | 1.32E-04 | 2.92E-04 |
| 276 | 1.43E-04 | 1.11E-04 | 2.54E-04 |
| 277 | 1.51E-04 | 1.17E-04 | 2.68E-04 |
| 278 | 1.59E-04 | 1.25E-04 | 2.84E-04 |
| 279 | 1.68E-04 | 1.32E-04 | 3.00E-04 |
| 280 | 1.78E-04 | 1.41E-04 | 3.19E-04 |
| 281 | 1.89E-04 | 1.50E-04 | 3.39E-04 |
| 282 | 2.01E-04 | 1.60E-04 | 3.61E-04 |
| 283 | 2.14E-04 | 1.71E-04 | 3.85E-04 |
| 284 | 2.29E-04 | 1.82E-04 | 4.11E-04 |
| 285 | 2.44E-04 | 1.95E-04 | 4.39E-04 |
| 286 | 2.62E-04 | 2.08E-04 | 4.70E-04 |
| 287 | 2.81E-04 | 2.22E-04 | 5.03E-04 |
| 288 | 4.63E-04 | 2.71E-04 | 7.34E-04 |
| 289 | 4.14E-04 | 2.70E-04 | 6.84E-04 |
| 290 | 3.69E-04 | 2.55E-04 | 6.24E-04 |
| 291 | 3.29E-04 | 2.36E-04 | 5.65E-04 |
| 292 | 3.13E-04 | 2.31E-04 | 5.44E-04 |
| 293 | 3.30E-04 | 2.53E-04 | 5.83E-04 |
| 294 | 3.18E-04 | 2.49E-04 | 5.67E-04 |
| 295 | 3.11E-04 | 2.48E-04 | 5.59E-04 |
| 296 | 3.08E-04 | 2.50E-04 | 5.58E-04 |
| 297 | 2.95E-04 | 2.41E-04 | 5.36E-04 |
| 298 | 2.84E-04 | 2.33E-04 | 5.17E-04 |

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| 299 | 2.71E-04 | 2.23E-04 | 4.94E-04 |
| 300 | 2.54E-04 | 2.09E-04 | 4.63E-04 |
| 301 | 2.35E-04 | 1.93E-04 | 4.28E-04 |
| 302 | 2.24E-04 | 1.84E-04 | 4.08E-04 |
| 303 | 2.20E-04 | 1.82E-04 | 4.02E-04 |
| 304 | 2.19E-04 | 1.83E-04 | 4.02E-04 |
| 305 | 2.03E-04 | 1.69E-04 | 3.72E-04 |
| 306 | 1.89E-04 | 1.57E-04 | 3.46E-04 |
| 307 | 1.81E-04 | 1.51E-04 | 3.32E-04 |
| 308 | 1.46E-04 | 1.15E-04 | 2.61E-04 |
| 309 | 1.54E-04 | 1.22E-04 | 2.76E-04 |
| 310 | 1.63E-04 | 1.30E-04 | 2.93E-04 |
| 311 | 1.73E-04 | 1.38E-04 | 3.11E-04 |
| 312 | 1.84E-04 | 1.48E-04 | 3.32E-04 |
| 313 | 1.96E-04 | 1.58E-04 | 3.54E-04 |
| 314 | 2.09E-04 | 1.69E-04 | 3.78E-04 |
| 315 | 2.24E-04 | 1.81E-04 | 4.05E-04 |
| 316 | 2.39E-04 | 1.94E-04 | 4.33E-04 |
| 317 | 2.57E-04 | 2.08E-04 | 4.65E-04 |
| 318 | 2.76E-04 | 2.24E-04 | 5.00E-04 |
| 319 | 2.98E-04 | 2.40E-04 | 5.38E-04 |
| 320 | 4.82E-04 | 3.18E-04 | 8.00E-04 |
| 321 | 4.20E-04 | 2.96E-04 | 7.16E-04 |
| 322 | 3.90E-04 | 2.87E-04 | 6.77E-04 |
| 323 | 4.06E-04 | 3.11E-04 | 7.17E-04 |
| 324 | 3.89E-04 | 3.06E-04 | 6.95E-04 |
| 325 | 3.65E-04 | 2.93E-04 | 6.58E-04 |
| 326 | 3.64E-04 | 2.98E-04 | 6.62E-04 |
| 327 | 3.50E-04 | 2.89E-04 | 6.39E-04 |
| 328 | 3.39E-04 | 2.81E-04 | 6.20E-04 |
| 329 | 3.25E-04 | 2.71E-04 | 5.96E-04 |
| 330 | 3.04E-04 | 2.54E-04 | 5.58E-04 |
| 331 | 2.88E-04 | 2.42E-04 | 5.30E-04 |
| 332 | 2.70E-04 | 2.26E-04 | 4.96E-04 |
| 333 | 2.59E-04 | 2.18E-04 | 4.77E-04 |
| 334 | 2.57E-04 | 2.19E-04 | 4.76E-04 |
| 335 | 2.46E-04 | 2.10E-04 | 4.56E-04 |
| 336 | 2.30E-04 | 1.96E-04 | 4.26E-04 |
| 337 | 2.02E-04 | 1.70E-04 | 3.72E-04 |
| 338 | 1.93E-04 | 1.64E-04 | 3.57E-04 |
| 339 | 1.49E-04 | 1.18E-04 | 2.67E-04 |
| 340 | 1.58E-04 | 1.26E-04 | 2.84E-04 |
| 341 | 1.67E-04 | 1.35E-04 | 3.02E-04 |
| 342 | 1.78E-04 | 1.44E-04 | 3.22E-04 |
| 343 | 1.90E-04 | 1.54E-04 | 3.44E-04 |
| 344 | 2.03E-04 | 1.65E-04 | 3.68E-04 |
| 345 | 2.17E-04 | 1.78E-04 | 3.95E-04 |
| 346 | 2.33E-04 | 1.91E-04 | 4.24E-04 |
| 347 | 2.50E-04 | 2.06E-04 | 4.56E-04 |
| 348 | 2.70E-04 | 2.23E-04 | 4.93E-04 |

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| 349 | 2.91E-04 | 2.41E-04 | 5.32E-04 |
| 350 | 3.16E-04 | 2.60E-04 | 5.76E-04 |
| 351 | 5.86E-04 | 3.89E-04 | 9.75E-04 |
| 352 | 5.19E-04 | 3.73E-04 | 8.92E-04 |
| 353 | 4.95E-04 | 3.74E-04 | 8.69E-04 |
| 354 | 4.97E-04 | 3.93E-04 | 8.90E-04 |
| 355 | 4.59E-04 | 3.70E-04 | 8.29E-04 |
| 356 | 4.41E-04 | 3.64E-04 | 8.05E-04 |
| 357 | 4.20E-04 | 3.50E-04 | 7.70E-04 |
| 358 | 4.10E-04 | 3.45E-04 | 7.55E-04 |
| 359 | 3.98E-04 | 3.37E-04 | 7.35E-04 |
| 360 | 3.79E-04 | 3.22E-04 | 7.01E-04 |
| 361 | 3.63E-04 | 3.11E-04 | 6.74E-04 |
| 362 | 3.39E-04 | 2.91E-04 | 6.30E-04 |
| 363 | 3.24E-04 | 2.79E-04 | 6.03E-04 |
| 364 | 3.05E-04 | 2.64E-04 | 5.69E-04 |
| 365 | 2.84E-04 | 2.46E-04 | 5.30E-04 |
| 366 | 2.56E-04 | 2.21E-04 | 4.77E-04 |
| 367 | 2.34E-04 | 2.01E-04 | 4.35E-04 |
| 368 | 2.17E-04 | 1.86E-04 | 4.03E-04 |
| 369 | 2.00E-04 | 1.72E-04 | 3.72E-04 |
| 370 | 1.52E-04 | 1.22E-04 | 2.74E-04 |
| 371 | 1.61E-04 | 1.30E-04 | 2.91E-04 |
| 372 | 1.71E-04 | 1.39E-04 | 3.10E-04 |
| 373 | 1.83E-04 | 1.50E-04 | 3.33E-04 |
| 374 | 1.96E-04 | 1.61E-04 | 3.57E-04 |
| 375 | 2.10E-04 | 1.73E-04 | 3.83E-04 |
| 376 | 2.25E-04 | 1.87E-04 | 4.12E-04 |
| 377 | 2.43E-04 | 2.02E-04 | 4.45E-04 |
| 378 | 2.62E-04 | 2.19E-04 | 4.81E-04 |
| 379 | 2.84E-04 | 2.38E-04 | 5.22E-04 |
| 380 | 3.08E-04 | 2.59E-04 | 5.67E-04 |
| 381 | 3.36E-04 | 2.83E-04 | 6.19E-04 |
| 382 | 7.30E-04 | 4.80E-04 | 1.21E-03 |
| 383 | 6.52E-04 | 4.74E-04 | 1.13E-03 |
| 384 | 6.64E-04 | 5.25E-04 | 1.19E-03 |
| 385 | 5.98E-04 | 4.85E-04 | 1.08E-03 |
| 386 | 5.53E-04 | 4.58E-04 | 1.01E-03 |
| 387 | 5.19E-04 | 4.37E-04 | 9.56E-04 |
| 388 | 5.02E-04 | 4.27E-04 | 9.29E-04 |
| 389 | 4.83E-04 | 4.13E-04 | 8.96E-04 |
| 390 | 4.57E-04 | 3.92E-04 | 8.49E-04 |
| 391 | 4.34E-04 | 3.75E-04 | 8.09E-04 |
| 392 | 4.15E-04 | 3.62E-04 | 7.77E-04 |
| 393 | 3.83E-04 | 3.36E-04 | 7.19E-04 |
| 394 | 3.61E-04 | 3.18E-04 | 6.79E-04 |
| 395 | 3.22E-04 | 2.82E-04 | 6.04E-04 |
| 396 | 2.83E-04 | 2.46E-04 | 5.29E-04 |
| 397 | 2.60E-04 | 2.26E-04 | 4.86E-04 |
| 398 | 2.38E-04 | 2.07E-04 | 4.45E-04 |

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| 399 | 2.16E-04 | 1.87E-04 | 4.03E-04 |
| 400 | 1.94E-04 | 1.66E-04 | 3.60E-04 |
| 401 | 1.55E-04 | 1.26E-04 | 2.81E-04 |
| 402 | 1.65E-04 | 1.35E-04 | 3.00E-04 |
| 403 | 1.76E-04 | 1.44E-04 | 3.20E-04 |
| 404 | 1.88E-04 | 1.55E-04 | 3.43E-04 |
| 405 | 2.01E-04 | 1.67E-04 | 3.68E-04 |
| 406 | 2.17E-04 | 1.81E-04 | 3.98E-04 |
| 407 | 2.34E-04 | 1.96E-04 | 4.30E-04 |
| 408 | 2.53E-04 | 2.13E-04 | 4.66E-04 |
| 409 | 2.74E-04 | 2.33E-04 | 5.07E-04 |
| 410 | 2.98E-04 | 2.54E-04 | 5.52E-04 |
| 411 | 3.26E-04 | 2.79E-04 | 6.05E-04 |
| 412 | 3.57E-04 | 3.06E-04 | 6.63E-04 |
| 413 | 8.66E-04 | 6.46E-04 | 1.51E-03 |
| 414 | 8.12E-04 | 6.43E-04 | 1.46E-03 |
| 415 | 7.12E-04 | 5.88E-04 | 1.30E-03 |
| 416 | 6.67E-04 | 5.66E-04 | 1.23E-03 |
| 417 | 6.25E-04 | 5.35E-04 | 1.16E-03 |
| 418 | 5.94E-04 | 5.14E-04 | 1.11E-03 |
| 419 | 5.59E-04 | 4.84E-04 | 1.04E-03 |
| 420 | 5.30E-04 | 4.63E-04 | 9.93E-04 |
| 421 | 4.97E-04 | 4.37E-04 | 9.34E-04 |
| 422 | 4.66E-04 | 4.14E-04 | 8.80E-04 |
| 423 | 4.24E-04 | 3.79E-04 | 8.03E-04 |
| 424 | 3.64E-04 | 3.23E-04 | 6.87E-04 |
| 425 | 3.23E-04 | 2.86E-04 | 6.09E-04 |
| 426 | 2.93E-04 | 2.59E-04 | 5.52E-04 |
| 427 | 2.64E-04 | 2.32E-04 | 4.96E-04 |
| 428 | 2.32E-04 | 2.02E-04 | 4.34E-04 |
| 429 | 2.09E-04 | 1.80E-04 | 3.89E-04 |
| 430 | 1.89E-04 | 1.62E-04 | 3.51E-04 |
| 431 | 1.58E-04 | 1.29E-04 | 2.87E-04 |
| 432 | 1.68E-04 | 1.39E-04 | 3.07E-04 |
| 433 | 1.80E-04 | 1.49E-04 | 3.29E-04 |
| 434 | 1.93E-04 | 1.61E-04 | 3.54E-04 |
| 435 | 2.07E-04 | 1.74E-04 | 3.81E-04 |
| 436 | 2.23E-04 | 1.89E-04 | 4.12E-04 |
| 437 | 2.42E-04 | 2.05E-04 | 4.47E-04 |
| 438 | 2.63E-04 | 2.25E-04 | 4.88E-04 |
| 439 | 2.86E-04 | 2.46E-04 | 5.32E-04 |
| 440 | 3.14E-04 | 2.71E-04 | 5.85E-04 |
| 441 | 3.45E-04 | 2.99E-04 | 6.44E-04 |
| 442 | 3.81E-04 | 3.32E-04 | 7.13E-04 |
| 443 | 1.13E-03 | 8.13E-04 | 1.94E-03 |
| 444 | 1.00E-03 | 7.88E-04 | 1.79E-03 |
| 445 | 9.07E-04 | 7.52E-04 | 1.66E-03 |
| 446 | 8.04E-04 | 6.90E-04 | 1.49E-03 |
| 447 | 7.51E-04 | 6.51E-04 | 1.40E-03 |
| 448 | 7.05E-04 | 6.16E-04 | 1.32E-03 |

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| 449 | 6.61E-04 | 5.82E-04 | 1.24E-03 |
| 450 | 6.17E-04 | 5.49E-04 | 1.17E-03 |
| 451 | 5.72E-04 | 5.16E-04 | 1.09E-03 |
| 452 | 5.14E-04 | 4.67E-04 | 9.81E-04 |
| 453 | 4.40E-04 | 3.99E-04 | 8.39E-04 |
| 454 | 3.83E-04 | 3.46E-04 | 7.29E-04 |
| 455 | 3.33E-04 | 2.98E-04 | 6.31E-04 |
| 456 | 2.88E-04 | 2.54E-04 | 5.42E-04 |
| 457 | 2.52E-04 | 2.20E-04 | 4.72E-04 |
| 458 | 2.18E-04 | 1.89E-04 | 4.07E-04 |
| 459 | 1.99E-04 | 1.72E-04 | 3.71E-04 |
| 460 | 1.85E-04 | 1.60E-04 | 3.45E-04 |
| 461 | 1.61E-04 | 1.33E-04 | 2.94E-04 |
| 462 | 1.72E-04 | 1.42E-04 | 3.14E-04 |
| 463 | 1.84E-04 | 1.53E-04 | 3.37E-04 |
| 464 | 1.98E-04 | 1.66E-04 | 3.64E-04 |
| 465 | 2.13E-04 | 1.80E-04 | 3.93E-04 |
| 466 | 2.30E-04 | 1.96E-04 | 4.26E-04 |
| 467 | 2.50E-04 | 2.14E-04 | 4.64E-04 |
| 468 | 2.73E-04 | 2.35E-04 | 5.08E-04 |
| 469 | 2.99E-04 | 2.60E-04 | 5.59E-04 |
| 470 | 3.29E-04 | 2.88E-04 | 6.17E-04 |
| 471 | 3.64E-04 | 3.20E-04 | 6.84E-04 |
| 472 | 4.05E-04 | 3.59E-04 | 7.64E-04 |
| 473 | 1.29E-03 | 9.94E-04 | 2.28E-03 |
| 474 | 1.13E-03 | 9.36E-04 | 2.07E-03 |
| 475 | 1.01E-03 | 8.70E-04 | 1.88E-03 |
| 476 | 9.12E-04 | 8.05E-04 | 1.72E-03 |
| 477 | 8.38E-04 | 7.51E-04 | 1.59E-03 |
| 478 | 7.78E-04 | 7.01E-04 | 1.48E-03 |
| 479 | 7.11E-04 | 6.51E-04 | 1.36E-03 |
| 480 | 6.41E-04 | 5.93E-04 | 1.23E-03 |
| 481 | 5.62E-04 | 5.23E-04 | 1.09E-03 |
| 482 | 4.80E-04 | 4.46E-04 | 9.26E-04 |
| 483 | 4.01E-04 | 3.67E-04 | 7.68E-04 |
| 484 | 3.24E-04 | 2.89E-04 | 6.13E-04 |
| 485 | 2.82E-04 | 2.48E-04 | 5.30E-04 |
| 486 | 2.43E-04 | 2.13E-04 | 4.56E-04 |
| 487 | 2.12E-04 | 1.87E-04 | 3.99E-04 |
| 488 | 1.95E-04 | 1.72E-04 | 3.67E-04 |
| 489 | 1.77E-04 | 1.56E-04 | 3.33E-04 |
| 490 | 1.63E-04 | 1.35E-04 | 2.98E-04 |
| 491 | 1.75E-04 | 1.46E-04 | 3.21E-04 |
| 492 | 1.87E-04 | 1.57E-04 | 3.44E-04 |
| 493 | 2.02E-04 | 1.71E-04 | 3.73E-04 |
| 494 | 2.18E-04 | 1.86E-04 | 4.04E-04 |
| 495 | 2.37E-04 | 2.03E-04 | 4.40E-04 |
| 496 | 2.58E-04 | 2.23E-04 | 4.81E-04 |
| 497 | 2.82E-04 | 2.46E-04 | 5.28E-04 |
| 498 | 3.11E-04 | 2.73E-04 | 5.84E-04 |

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| 499 | 3.44E-04 | 3.04E-04 | 6.48E-04 |
| 500 | 3.82E-04 | 3.41E-04 | 7.23E-04 |
| 501 | 4.29E-04 | 3.85E-04 | 8.14E-04 |
| 502 | 1.46E-03 | 1.20E-03 | 2.66E-03 |
| 503 | 1.26E-03 | 1.09E-03 | 2.35E-03 |
| 504 | 1.10E-03 | 9.86E-04 | 2.09E-03 |
| 505 | 9.69E-04 | 8.98E-04 | 1.87E-03 |
| 506 | 8.62E-04 | 8.01E-04 | 1.66E-03 |
| 507 | 7.96E-04 | 7.49E-04 | 1.55E-03 |
| 508 | 7.07E-04 | 6.72E-04 | 1.38E-03 |
| 509 | 6.21E-04 | 5.91E-04 | 1.21E-03 |
| 510 | 4.69E-04 | 4.36E-04 | 9.05E-04 |
| 511 | 3.52E-04 | 3.16E-04 | 6.68E-04 |
| 512 | 3.10E-04 | 2.77E-04 | 5.87E-04 |
| 513 | 2.71E-04 | 2.42E-04 | 5.13E-04 |
| 514 | 2.26E-04 | 2.03E-04 | 4.29E-04 |
| 515 | 1.96E-04 | 1.78E-04 | 3.74E-04 |
| 516 | 1.77E-04 | 1.60E-04 | 3.37E-04 |
| 517 | 1.58E-04 | 1.42E-04 | 3.00E-04 |
| 518 | 1.66E-04 | 1.38E-04 | 3.04E-04 |
| 519 | 1.78E-04 | 1.49E-04 | 3.27E-04 |
| 520 | 1.91E-04 | 1.61E-04 | 3.52E-04 |
| 521 | 2.06E-04 | 1.75E-04 | 3.81E-04 |
| 522 | 2.23E-04 | 1.91E-04 | 4.14E-04 |
| 523 | 2.43E-04 | 2.09E-04 | 4.52E-04 |
| 524 | 2.65E-04 | 2.31E-04 | 4.96E-04 |
| 525 | 2.92E-04 | 2.56E-04 | 5.48E-04 |
| 526 | 3.22E-04 | 2.85E-04 | 6.07E-04 |
| 527 | 3.59E-04 | 3.19E-04 | 6.78E-04 |
| 528 | 4.02E-04 | 3.61E-04 | 7.63E-04 |
| 529 | 4.54E-04 | 4.12E-04 | 8.66E-04 |
| 530 | 1.32E-03 | 1.22E-03 | 2.54E-03 |
| 531 | 1.11E-03 | 1.06E-03 | 2.17E-03 |
| 532 | 9.69E-04 | 9.26E-04 | 1.90E-03 |
| 533 | 8.37E-04 | 7.98E-04 | 1.64E-03 |
| 534 | 7.51E-04 | 7.32E-04 | 1.48E-03 |
| 535 | 6.47E-04 | 6.29E-04 | 1.28E-03 |
| 536 | 4.54E-04 | 4.27E-04 | 8.81E-04 |
| 537 | 3.38E-04 | 3.10E-04 | 6.48E-04 |
| 538 | 2.97E-04 | 2.70E-04 | 5.67E-04 |
| 539 | 2.59E-04 | 2.35E-04 | 4.94E-04 |
| 540 | 2.20E-04 | 1.98E-04 | 4.18E-04 |
| 541 | 1.90E-04 | 1.70E-04 | 3.60E-04 |
| 542 | 1.68E-04 | 1.49E-04 | 3.17E-04 |
| 543 | 1.49E-04 | 1.32E-04 | 2.81E-04 |
| 544 | 1.68E-04 | 1.40E-04 | 3.08E-04 |
| 545 | 1.80E-04 | 1.52E-04 | 3.32E-04 |
| 546 | 1.94E-04 | 1.64E-04 | 3.58E-04 |
| 547 | 2.10E-04 | 1.79E-04 | 3.89E-04 |
| 548 | 2.28E-04 | 1.96E-04 | 4.24E-04 |

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| 549 | 2.48E-04 | 2.15E-04 | 4.63E-04 |
| 550 | 2.72E-04 | 2.38E-04 | 5.10E-04 |
| 551 | 3.00E-04 | 2.64E-04 | 5.64E-04 |
| 552 | 3.33E-04 | 2.96E-04 | 6.29E-04 |
| 553 | 3.73E-04 | 3.34E-04 | 7.07E-04 |
| 554 | 4.20E-04 | 3.80E-04 | 8.00E-04 |
| 555 | 4.79E-04 | 4.38E-04 | 9.17E-04 |
| 556 | 1.25E-03 | 1.24E-03 | 2.49E-03 |
| 557 | 1.03E-03 | 1.03E-03 | 2.06E-03 |
| 558 | 9.05E-04 | 9.06E-04 | 1.81E-03 |
| 559 | 7.69E-04 | 7.66E-04 | 1.54E-03 |
| 560 | 6.40E-04 | 6.33E-04 | 1.27E-03 |
| 561 | 4.79E-04 | 4.61E-04 | 9.40E-04 |
| 562 | 3.58E-04 | 3.32E-04 | 6.90E-04 |
| 563 | 2.95E-04 | 2.66E-04 | 5.61E-04 |
| 564 | 2.50E-04 | 2.21E-04 | 4.71E-04 |
| 565 | 2.12E-04 | 1.85E-04 | 3.97E-04 |
| 566 | 1.84E-04 | 1.60E-04 | 3.44E-04 |
| 567 | 1.61E-04 | 1.40E-04 | 3.01E-04 |
| 568 | 1.44E-04 | 1.25E-04 | 2.69E-04 |
| 569 | 1.69E-04 | 1.41E-04 | 3.10E-04 |
| 570 | 1.81E-04 | 1.53E-04 | 3.34E-04 |
| 571 | 1.96E-04 | 1.66E-04 | 3.62E-04 |
| 572 | 2.14E-04 | 1.83E-04 | 3.97E-04 |
| 573 | 2.53E-04 | 2.20E-04 | 4.73E-04 |
| 574 | 2.79E-04 | 2.44E-04 | 5.23E-04 |
| 575 | 3.08E-04 | 2.72E-04 | 5.80E-04 |
| 576 | 3.43E-04 | 3.05E-04 | 6.48E-04 |
| 577 | 3.85E-04 | 3.46E-04 | 7.31E-04 |
| 578 | 4.37E-04 | 3.97E-04 | 8.34E-04 |
| 579 | 5.01E-04 | 4.60E-04 | 9.61E-04 |
| 580 | 1.12E-03 | 1.13E-03 | 2.25E-03 |
| 581 | 9.09E-04 | 9.25E-04 | 1.83E-03 |
| 582 | 7.74E-04 | 7.76E-04 | 1.55E-03 |
| 583 | 6.49E-04 | 6.39E-04 | 1.29E-03 |
| 584 | 5.18E-04 | 4.97E-04 | 1.02E-03 |
| 585 | 3.75E-04 | 3.42E-04 | 7.17E-04 |
| 586 | 3.00E-04 | 2.65E-04 | 5.65E-04 |
| 587 | 2.45E-04 | 2.12E-04 | 4.57E-04 |
| 588 | 2.03E-04 | 1.75E-04 | 3.78E-04 |
| 589 | 1.73E-04 | 1.50E-04 | 3.23E-04 |
| 590 | 1.52E-04 | 1.32E-04 | 2.84E-04 |
| 591 | 1.38E-04 | 1.19E-04 | 2.57E-04 |
| 592 | 1.69E-04 | 1.43E-04 | 3.12E-04 |
| 593 | 1.83E-04 | 1.55E-04 | 3.38E-04 |
| 594 | 1.97E-04 | 1.68E-04 | 3.65E-04 |
| 595 | 2.83E-04 | 2.48E-04 | 5.31E-04 |
| 596 | 3.14E-04 | 2.78E-04 | 5.92E-04 |
| 597 | 3.51E-04 | 3.13E-04 | 6.64E-04 |
| 598 | 3.96E-04 | 3.56E-04 | 7.52E-04 |

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| 599 | 4.51E-04 | 4.10E-04 | 8.61E-04 |
| 600 | 5.19E-04 | 4.78E-04 | 9.97E-04 |
| 601 | 9.41E-04 | 9.48E-04 | 1.89E-03 |
| 602 | 7.81E-04 | 7.72E-04 | 1.55E-03 |
| 603 | 6.62E-04 | 6.45E-04 | 1.31E-03 |
| 604 | 5.00E-04 | 4.69E-04 | 9.69E-04 |
| 605 | 3.38E-04 | 3.00E-04 | 6.38E-04 |
| 606 | 2.67E-04 | 2.32E-04 | 4.99E-04 |
| 607 | 2.23E-04 | 1.93E-04 | 4.16E-04 |
| 608 | 1.92E-04 | 1.66E-04 | 3.58E-04 |
| 609 | 1.69E-04 | 1.46E-04 | 3.15E-04 |
| 610 | 1.51E-04 | 1.30E-04 | 2.81E-04 |
| 611 | 1.37E-04 | 1.18E-04 | 2.55E-04 |
| 612 | 1.71E-04 | 1.44E-04 | 3.15E-04 |
| 613 | 1.84E-04 | 1.56E-04 | 3.40E-04 |
| 614 | 1.99E-04 | 1.69E-04 | 3.68E-04 |
| 615 | 7.70E-04 | 7.54E-04 | 1.52E-03 |
| 616 | 6.56E-04 | 6.34E-04 | 1.29E-03 |
| 617 | 5.17E-04 | 4.87E-04 | 1.00E-03 |
| 618 | 3.58E-04 | 3.21E-04 | 6.79E-04 |
| 619 | 2.74E-04 | 2.37E-04 | 5.11E-04 |
| 620 | 2.29E-04 | 1.96E-04 | 4.25E-04 |
| 621 | 2.03E-04 | 1.73E-04 | 3.76E-04 |
| 622 | 1.83E-04 | 1.55E-04 | 3.38E-04 |
| 623 | 1.63E-04 | 1.37E-04 | 3.00E-04 |
| 624 | 1.45E-04 | 1.22E-04 | 2.67E-04 |
| 625 | 1.73E-04 | 1.45E-04 | 3.18E-04 |
| 626 | 1.86E-04 | 1.58E-04 | 3.44E-04 |
| 627 | 2.02E-04 | 1.72E-04 | 3.74E-04 |
| 628 | 6.41E-04 | 6.13E-04 | 1.25E-03 |
| 629 | 5.50E-04 | 5.22E-04 | 1.07E-03 |
| 630 | 4.49E-04 | 4.21E-04 | 8.70E-04 |
| 631 | 3.30E-04 | 2.98E-04 | 6.28E-04 |
| 632 | 2.70E-04 | 2.37E-04 | 5.07E-04 |
| 633 | 2.37E-04 | 2.05E-04 | 4.42E-04 |
| 634 | 2.12E-04 | 1.82E-04 | 3.94E-04 |
| 635 | 1.81E-04 | 1.54E-04 | 3.35E-04 |
| 636 | 1.56E-04 | 1.32E-04 | 2.88E-04 |
| 637 | 1.73E-04 | 1.46E-04 | 3.19E-04 |
| 638 | 1.86E-04 | 1.58E-04 | 3.44E-04 |
| 639 | 5.41E-04 | 5.04E-04 | 1.05E-03 |
| 640 | 4.70E-04 | 4.36E-04 | 9.06E-04 |
| 641 | 4.12E-04 | 3.82E-04 | 7.94E-04 |
| 642 | 3.52E-04 | 3.25E-04 | 6.77E-04 |
| 643 | 3.04E-04 | 2.77E-04 | 5.81E-04 |
| 644 | 2.57E-04 | 2.30E-04 | 4.87E-04 |
| 645 | 2.07E-04 | 1.80E-04 | 3.87E-04 |
| 646 | 1.74E-04 | 1.49E-04 | 3.23E-04 |
| 647 | 1.72E-04 | 1.45E-04 | 3.17E-04 |
| 648 | 1.86E-04 | 1.57E-04 | 3.43E-04 |

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| 649 | 4.65E-04 | 4.23E-04 | 8.88E-04 |
| 650 | 4.06E-04 | 3.70E-04 | 7.76E-04 |
| 651 | 3.63E-04 | 3.28E-04 | 6.91E-04 |
| 652 | 3.27E-04 | 2.97E-04 | 6.24E-04 |
| 653 | 2.86E-04 | 2.60E-04 | 5.46E-04 |
| 654 | 2.41E-04 | 2.15E-04 | 4.56E-04 |
| 655 | 2.03E-04 | 1.78E-04 | 3.81E-04 |
| 656 | 1.71E-04 | 1.44E-04 | 3.15E-04 |
| 657 | 1.84E-04 | 1.56E-04 | 3.40E-04 |
| 658 | 1.99E-04 | 1.69E-04 | 3.68E-04 |
| 659 | 2.15E-04 | 1.85E-04 | 4.00E-04 |
| 660 | 2.34E-04 | 2.02E-04 | 4.36E-04 |
| 661 | 2.57E-04 | 2.22E-04 | 4.79E-04 |
| 662 | 2.82E-04 | 2.46E-04 | 5.28E-04 |
| 663 | 3.12E-04 | 2.74E-04 | 5.86E-04 |
| 664 | 3.48E-04 | 3.08E-04 | 6.56E-04 |
| 665 | 4.02E-04 | 3.58E-04 | 7.60E-04 |
| 666 | 3.55E-04 | 3.17E-04 | 6.72E-04 |
| 667 | 3.20E-04 | 2.84E-04 | 6.04E-04 |
| 668 | 2.92E-04 | 2.61E-04 | 5.53E-04 |
| 669 | 2.67E-04 | 2.37E-04 | 5.04E-04 |
| 670 | 2.36E-04 | 2.11E-04 | 4.47E-04 |
| 671 | 1.69E-04 | 1.43E-04 | 3.12E-04 |
| 672 | 1.81E-04 | 1.54E-04 | 3.35E-04 |
| 673 | 1.96E-04 | 1.67E-04 | 3.63E-04 |
| 674 | 2.12E-04 | 1.82E-04 | 3.94E-04 |
| 675 | 2.30E-04 | 1.98E-04 | 4.28E-04 |
| 676 | 2.51E-04 | 2.18E-04 | 4.69E-04 |
| 677 | 2.75E-04 | 2.40E-04 | 5.15E-04 |
| 678 | 3.04E-04 | 2.67E-04 | 5.71E-04 |
| 679 | 3.37E-04 | 2.98E-04 | 6.35E-04 |
| 680 | 3.77E-04 | 3.35E-04 | 7.12E-04 |
| 681 | 4.24E-04 | 3.80E-04 | 8.04E-04 |
| 682 | 4.81E-04 | 4.35E-04 | 9.16E-04 |
| 683 | 5.53E-04 | 5.03E-04 | 1.06E-03 |
| 684 | 6.43E-04 | 5.89E-04 | 1.23E-03 |
| 685 | 7.58E-04 | 6.98E-04 | 1.46E-03 |
| 686 | 9.07E-04 | 8.37E-04 | 1.74E-03 |
| 687 | 1.11E-03 | 1.02E-03 | 2.13E-03 |
| 688 | 3.52E-04 | 3.06E-04 | 6.58E-04 |
| 689 | 3.14E-04 | 2.75E-04 | 5.89E-04 |
| 690 | 2.85E-04 | 2.49E-04 | 5.34E-04 |
| 691 | 2.59E-04 | 2.28E-04 | 4.87E-04 |
| 692 | 2.40E-04 | 2.10E-04 | 4.50E-04 |
| 693 | 1.66E-04 | 1.40E-04 | 3.06E-04 |
| 694 | 1.78E-04 | 1.51E-04 | 3.29E-04 |
| 695 | 1.92E-04 | 1.64E-04 | 3.56E-04 |
| 696 | 2.07E-04 | 1.78E-04 | 3.85E-04 |
| 697 | 2.24E-04 | 1.94E-04 | 4.18E-04 |
| 698 | 2.44E-04 | 2.12E-04 | 4.56E-04 |

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| 699 | 2.67E-04 | 2.33E-04 | 5.00E-04 |
| 700 | 2.93E-04 | 2.57E-04 | 5.50E-04 |
| 701 | 3.23E-04 | 2.86E-04 | 6.09E-04 |
| 702 | 3.59E-04 | 3.20E-04 | 6.79E-04 |
| 703 | 4.02E-04 | 3.60E-04 | 7.62E-04 |
| 704 | 4.53E-04 | 4.08E-04 | 8.61E-04 |
| 705 | 5.15E-04 | 4.67E-04 | 9.82E-04 |
| 706 | 5.92E-04 | 5.39E-04 | 1.13E-03 |
| 707 | 6.87E-04 | 6.27E-04 | 1.31E-03 |
| 708 | 8.04E-04 | 7.32E-04 | 1.54E-03 |
| 709 | 9.53E-04 | 8.62E-04 | 1.82E-03 |
| 710 | 1.14E-03 | 1.02E-03 | 2.16E-03 |
| 711 | 1.37E-03 | 1.19E-03 | 2.56E-03 |
| 712 | 3.12E-04 | 2.65E-04 | 5.77E-04 |
| 713 | 2.78E-04 | 2.40E-04 | 5.18E-04 |
| 714 | 2.54E-04 | 2.19E-04 | 4.73E-04 |
| 715 | 2.33E-04 | 2.02E-04 | 4.35E-04 |
| 716 | 1.63E-04 | 1.38E-04 | 3.01E-04 |
| 717 | 1.74E-04 | 1.48E-04 | 3.22E-04 |
| 718 | 1.87E-04 | 1.60E-04 | 3.47E-04 |
| 719 | 2.01E-04 | 1.73E-04 | 3.74E-04 |
| 720 | 2.17E-04 | 1.88E-04 | 4.05E-04 |
| 721 | 2.36E-04 | 2.05E-04 | 4.41E-04 |
| 722 | 2.57E-04 | 2.24E-04 | 4.81E-04 |
| 723 | 2.81E-04 | 2.47E-04 | 5.28E-04 |
| 724 | 3.08E-04 | 2.73E-04 | 5.81E-04 |
| 725 | 3.41E-04 | 3.03E-04 | 6.44E-04 |
| 726 | 3.78E-04 | 3.39E-04 | 7.17E-04 |
| 727 | 4.23E-04 | 3.81E-04 | 8.04E-04 |
| 728 | 4.77E-04 | 4.31E-04 | 9.08E-04 |
| 729 | 5.41E-04 | 4.90E-04 | 1.03E-03 |
| 730 | 6.18E-04 | 5.60E-04 | 1.18E-03 |
| 731 | 7.10E-04 | 6.41E-04 | 1.35E-03 |
| 732 | 8.20E-04 | 7.35E-04 | 1.56E-03 |
| 733 | 9.48E-04 | 8.39E-04 | 1.79E-03 |
| 734 | 1.09E-03 | 9.48E-04 | 2.04E-03 |
| 735 | 1.23E-03 | 1.05E-03 | 2.28E-03 |
| 736 | 1.34E-03 | 1.14E-03 | 2.48E-03 |
| 737 | 1.42E-03 | 1.21E-03 | 2.63E-03 |
| 738 | 1.42E-03 | 1.22E-03 | 2.64E-03 |
| 739 | 2.77E-04 | 2.31E-04 | 5.08E-04 |
| 740 | 2.49E-04 | 2.11E-04 | 4.60E-04 |
| 741 | 2.29E-04 | 1.95E-04 | 4.24E-04 |
| 742 | 1.59E-04 | 1.34E-04 | 2.93E-04 |
| 743 | 1.69E-04 | 1.44E-04 | 3.13E-04 |
| 744 | 1.81E-04 | 1.55E-04 | 3.36E-04 |
| 745 | 1.95E-04 | 1.68E-04 | 3.63E-04 |
| 746 | 2.10E-04 | 1.82E-04 | 3.92E-04 |
| 747 | 2.27E-04 | 1.97E-04 | 4.24E-04 |
| 748 | 2.46E-04 | 2.15E-04 | 4.61E-04 |

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| 749 | 2.68E-04 | 2.36E-04 | 5.04E-04 |
| 750 | 2.93E-04 | 2.59E-04 | 5.52E-04 |
| 751 | 3.21E-04 | 2.86E-04 | 6.07E-04 |
| 752 | 3.55E-04 | 3.17E-04 | 6.72E-04 |
| 753 | 3.94E-04 | 3.53E-04 | 7.47E-04 |
| 754 | 4.40E-04 | 3.96E-04 | 8.36E-04 |
| 755 | 4.93E-04 | 4.44E-04 | 9.37E-04 |
| 756 | 5.54E-04 | 4.99E-04 | 1.05E-03 |
| 757 | 6.25E-04 | 5.60E-04 | 1.19E-03 |
| 758 | 7.05E-04 | 6.28E-04 | 1.33E-03 |
| 759 | 7.93E-04 | 7.01E-04 | 1.49E-03 |
| 760 | 8.81E-04 | 7.72E-04 | 1.65E-03 |
| 761 | 9.63E-04 | 8.37E-04 | 1.80E-03 |
| 762 | 1.03E-03 | 8.91E-04 | 1.92E-03 |
| 763 | 1.07E-03 | 9.27E-04 | 2.00E-03 |
| 764 | 1.07E-03 | 9.40E-04 | 2.01E-03 |
| 765 | 1.04E-03 | 9.27E-04 | 1.97E-03 |
| 766 | 9.86E-04 | 8.92E-04 | 1.88E-03 |
| 767 | 2.47E-04 | 2.03E-04 | 4.50E-04 |
| 768 | 2.24E-04 | 1.87E-04 | 4.11E-04 |
| 769 | 1.54E-04 | 1.31E-04 | 2.85E-04 |
| 770 | 1.64E-04 | 1.40E-04 | 3.04E-04 |
| 771 | 1.75E-04 | 1.51E-04 | 3.26E-04 |
| 772 | 1.88E-04 | 1.62E-04 | 3.50E-04 |
| 773 | 2.02E-04 | 1.75E-04 | 3.77E-04 |
| 774 | 2.17E-04 | 1.89E-04 | 4.06E-04 |
| 775 | 2.35E-04 | 2.06E-04 | 4.41E-04 |
| 776 | 2.55E-04 | 2.24E-04 | 4.79E-04 |
| 777 | 2.77E-04 | 2.45E-04 | 5.22E-04 |
| 778 | 3.03E-04 | 2.69E-04 | 5.72E-04 |
| 779 | 3.32E-04 | 2.96E-04 | 6.28E-04 |
| 780 | 3.66E-04 | 3.27E-04 | 6.93E-04 |
| 781 | 4.04E-04 | 3.62E-04 | 7.66E-04 |
| 782 | 4.48E-04 | 4.01E-04 | 8.49E-04 |
| 783 | 4.97E-04 | 4.45E-04 | 9.42E-04 |
| 784 | 5.50E-04 | 4.91E-04 | 1.04E-03 |
| 785 | 6.09E-04 | 5.41E-04 | 1.15E-03 |
| 786 | 6.69E-04 | 5.91E-04 | 1.26E-03 |
| 787 | 7.28E-04 | 6.40E-04 | 1.37E-03 |
| 788 | 7.80E-04 | 6.83E-04 | 1.46E-03 |
| 789 | 8.20E-04 | 7.17E-04 | 1.54E-03 |
| 790 | 8.43E-04 | 7.38E-04 | 1.58E-03 |
| 791 | 8.46E-04 | 7.46E-04 | 1.59E-03 |
| 792 | 8.36E-04 | 7.40E-04 | 1.58E-03 |
| 793 | 8.31E-04 | 7.41E-04 | 1.57E-03 |
| 794 | 2.22E-04 | 1.80E-04 | 4.02E-04 |
| 795 | 1.50E-04 | 1.27E-04 | 2.77E-04 |
| 796 | 1.59E-04 | 1.36E-04 | 2.95E-04 |
| 797 | 1.69E-04 | 1.46E-04 | 3.15E-04 |
| 798 | 1.81E-04 | 1.56E-04 | 3.37E-04 |

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| 799 | 1.94E-04 | 1.68E-04 | 3.62E-04 |
| 800 | 2.08E-04 | 1.81E-04 | 3.89E-04 |
| 801 | 2.24E-04 | 1.96E-04 | 4.20E-04 |
| 802 | 2.42E-04 | 2.13E-04 | 4.55E-04 |
| 803 | 2.62E-04 | 2.32E-04 | 4.94E-04 |
| 804 | 2.85E-04 | 2.53E-04 | 5.38E-04 |
| 805 | 3.10E-04 | 2.76E-04 | 5.86E-04 |
| 806 | 3.39E-04 | 3.02E-04 | 6.41E-04 |
| 807 | 3.71E-04 | 3.31E-04 | 7.02E-04 |
| 808 | 4.07E-04 | 3.63E-04 | 7.70E-04 |
| 809 | 4.45E-04 | 3.97E-04 | 8.42E-04 |
| 810 | 4.87E-04 | 4.33E-04 | 9.20E-04 |
| 811 | 5.30E-04 | 4.70E-04 | 1.00E-03 |
| 812 | 5.72E-04 | 5.06E-04 | 1.08E-03 |
| 813 | 6.13E-04 | 5.40E-04 | 1.15E-03 |
| 814 | 6.47E-04 | 5.70E-04 | 1.22E-03 |
| 815 | 6.65E-04 | 5.86E-04 | 1.25E-03 |
| 816 | 6.82E-04 | 6.03E-04 | 1.29E-03 |
| 817 | 7.01E-04 | 6.19E-04 | 1.32E-03 |
| 818 | 7.14E-04 | 6.30E-04 | 1.34E-03 |
| 819 | 1.45E-04 | 1.23E-04 | 2.68E-04 |
| 820 | 1.53E-04 | 1.31E-04 | 2.84E-04 |
| 821 | 1.63E-04 | 1.40E-04 | 3.03E-04 |
| 822 | 1.74E-04 | 1.50E-04 | 3.24E-04 |
| 823 | 1.86E-04 | 1.61E-04 | 3.47E-04 |
| 824 | 1.99E-04 | 1.73E-04 | 3.72E-04 |
| 825 | 2.13E-04 | 1.87E-04 | 4.00E-04 |
| 826 | 2.29E-04 | 2.02E-04 | 4.31E-04 |
| 827 | 2.47E-04 | 2.18E-04 | 4.65E-04 |
| 828 | 2.67E-04 | 2.37E-04 | 5.04E-04 |
| 829 | 2.89E-04 | 2.57E-04 | 5.46E-04 |
| 830 | 3.14E-04 | 2.79E-04 | 5.93E-04 |
| 831 | 3.41E-04 | 3.04E-04 | 6.45E-04 |
| 832 | 3.70E-04 | 3.29E-04 | 6.99E-04 |
| 833 | 4.00E-04 | 3.56E-04 | 7.56E-04 |
| 834 | 4.32E-04 | 3.84E-04 | 8.16E-04 |
| 835 | 4.64E-04 | 4.11E-04 | 8.75E-04 |
| 836 | 4.95E-04 | 4.38E-04 | 9.33E-04 |
| 837 | 5.24E-04 | 4.62E-04 | 9.86E-04 |
| 838 | 5.48E-04 | 4.83E-04 | 1.03E-03 |
| 839 | 5.58E-04 | 4.92E-04 | 1.05E-03 |
| 840 | 5.79E-04 | 5.14E-04 | 1.09E-03 |
| 841 | 5.94E-04 | 5.27E-04 | 1.12E-03 |
| 842 | 5.79E-04 | 5.15E-04 | 1.09E-03 |
| 843 | 1.40E-04 | 1.19E-04 | 2.59E-04 |
| 844 | 1.48E-04 | 1.27E-04 | 2.75E-04 |
| 845 | 1.57E-04 | 1.35E-04 | 2.92E-04 |
| 846 | 1.67E-04 | 1.44E-04 | 3.11E-04 |
| 847 | 1.78E-04 | 1.55E-04 | 3.33E-04 |
| 848 | 1.90E-04 | 1.66E-04 | 3.56E-04 |

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| 849 | 2.03E-04 | 1.78E-04 | 3.81E-04 |
| 850 | 2.17E-04 | 1.91E-04 | 4.08E-04 |
| 851 | 2.33E-04 | 2.06E-04 | 4.39E-04 |
| 852 | 2.51E-04 | 2.22E-04 | 4.73E-04 |
| 853 | 2.70E-04 | 2.39E-04 | 5.09E-04 |
| 854 | 2.91E-04 | 2.58E-04 | 5.49E-04 |
| 855 | 3.13E-04 | 2.78E-04 | 5.91E-04 |
| 856 | 3.37E-04 | 2.99E-04 | 6.36E-04 |
| 857 | 3.61E-04 | 3.20E-04 | 6.81E-04 |
| 858 | 3.85E-04 | 3.41E-04 | 7.26E-04 |
| 859 | 4.10E-04 | 3.62E-04 | 7.72E-04 |
| 860 | 4.33E-04 | 3.82E-04 | 8.15E-04 |
| 861 | 4.53E-04 | 4.00E-04 | 8.53E-04 |
| 862 | 4.67E-04 | 4.14E-04 | 8.81E-04 |
| 863 | 4.84E-04 | 4.27E-04 | 9.11E-04 |
| 864 | 4.97E-04 | 4.42E-04 | 9.39E-04 |
| 865 | 5.07E-04 | 4.51E-04 | 9.58E-04 |
| 866 | 2.91E-04 | 2.60E-04 | 5.51E-04 |
| 867 | 1.35E-04 | 1.16E-04 | 2.51E-04 |
| 868 | 1.43E-04 | 1.23E-04 | 2.66E-04 |
| 869 | 1.51E-04 | 1.30E-04 | 2.81E-04 |
| 870 | 1.60E-04 | 1.39E-04 | 2.99E-04 |
| 871 | 1.70E-04 | 1.48E-04 | 3.18E-04 |
| 872 | 1.81E-04 | 1.58E-04 | 3.39E-04 |
| 873 | 1.93E-04 | 1.69E-04 | 3.62E-04 |
| 874 | 2.06E-04 | 1.81E-04 | 3.87E-04 |
| 875 | 2.20E-04 | 1.94E-04 | 4.14E-04 |
| 876 | 2.35E-04 | 2.08E-04 | 4.43E-04 |
| 877 | 2.52E-04 | 2.23E-04 | 4.75E-04 |
| 878 | 2.69E-04 | 2.38E-04 | 5.07E-04 |
| 879 | 2.88E-04 | 2.55E-04 | 5.43E-04 |
| 880 | 3.07E-04 | 2.71E-04 | 5.78E-04 |
| 881 | 3.26E-04 | 2.89E-04 | 6.15E-04 |
| 882 | 3.46E-04 | 3.05E-04 | 6.51E-04 |
| 883 | 3.64E-04 | 3.22E-04 | 6.86E-04 |
| 884 | 3.82E-04 | 3.37E-04 | 7.19E-04 |
| 885 | 3.97E-04 | 3.51E-04 | 7.48E-04 |
| 886 | 4.07E-04 | 3.59E-04 | 7.66E-04 |
| 887 | 4.19E-04 | 3.70E-04 | 7.89E-04 |
| 888 | 4.33E-04 | 3.84E-04 | 8.17E-04 |
| 889 | 4.32E-04 | 3.85E-04 | 8.17E-04 |
| 890 | 2.70E-04 | 2.40E-04 | 5.10E-04 |
| 891 | 2.54E-04 | 2.25E-04 | 4.79E-04 |
| 892 | 2.39E-04 | 2.10E-04 | 4.49E-04 |
| 893 | 2.26E-04 | 1.97E-04 | 4.23E-04 |
| 894 | 1.31E-04 | 1.12E-04 | 2.43E-04 |
| 895 | 1.38E-04 | 1.18E-04 | 2.56E-04 |
| 896 | 1.45E-04 | 1.25E-04 | 2.70E-04 |
| 897 | 1.54E-04 | 1.33E-04 | 2.87E-04 |
| 898 | 1.63E-04 | 1.42E-04 | 3.05E-04 |

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| 899 | 1.73E-04 | 1.51E-04 | 3.24E-04 |
| 900 | 1.84E-04 | 1.60E-04 | 3.44E-04 |
| 901 | 1.95E-04 | 1.71E-04 | 3.66E-04 |
| 902 | 2.07E-04 | 1.82E-04 | 3.89E-04 |
| 903 | 2.21E-04 | 1.94E-04 | 4.15E-04 |
| 904 | 2.35E-04 | 2.07E-04 | 4.42E-04 |
| 905 | 2.50E-04 | 2.20E-04 | 4.70E-04 |
| 906 | 2.65E-04 | 2.34E-04 | 4.99E-04 |
| 907 | 2.80E-04 | 2.47E-04 | 5.27E-04 |
| 908 | 2.96E-04 | 2.61E-04 | 5.57E-04 |
| 909 | 3.11E-04 | 2.75E-04 | 5.86E-04 |
| 910 | 3.26E-04 | 2.87E-04 | 6.13E-04 |
| 911 | 3.36E-04 | 2.98E-04 | 6.34E-04 |
| 912 | 3.49E-04 | 3.09E-04 | 6.58E-04 |
| 913 | 3.58E-04 | 3.14E-04 | 6.72E-04 |
| 914 | 3.74E-04 | 3.29E-04 | 7.03E-04 |
| 915 | 3.82E-04 | 3.39E-04 | 7.21E-04 |
| 916 | 3.80E-04 | 3.38E-04 | 7.18E-04 |
| 917 | 2.51E-04 | 2.22E-04 | 4.73E-04 |
| 918 | 2.37E-04 | 2.09E-04 | 4.46E-04 |
| 919 | 2.24E-04 | 1.96E-04 | 4.20E-04 |
| 920 | 2.12E-04 | 1.84E-04 | 3.96E-04 |
| 921 | 2.02E-04 | 1.73E-04 | 3.75E-04 |
| 922 | 1.26E-04 | 1.08E-04 | 2.34E-04 |
| 923 | 1.33E-04 | 1.14E-04 | 2.47E-04 |
| 924 | 1.40E-04 | 1.20E-04 | 2.60E-04 |
| 925 | 1.47E-04 | 1.28E-04 | 2.75E-04 |
| 926 | 1.56E-04 | 1.35E-04 | 2.91E-04 |
| 927 | 1.65E-04 | 1.43E-04 | 3.08E-04 |
| 928 | 1.74E-04 | 1.52E-04 | 3.26E-04 |
| 929 | 1.85E-04 | 1.62E-04 | 3.47E-04 |
| 930 | 1.96E-04 | 1.71E-04 | 3.67E-04 |
| 931 | 2.07E-04 | 1.82E-04 | 3.89E-04 |
| 932 | 2.19E-04 | 1.93E-04 | 4.12E-04 |
| 933 | 2.31E-04 | 2.04E-04 | 4.35E-04 |
| 934 | 2.44E-04 | 2.15E-04 | 4.59E-04 |
| 935 | 2.57E-04 | 2.26E-04 | 4.83E-04 |
| 936 | 2.70E-04 | 2.38E-04 | 5.08E-04 |
| 937 | 2.82E-04 | 2.48E-04 | 5.30E-04 |
| 938 | 2.93E-04 | 2.58E-04 | 5.51E-04 |
| 939 | 3.01E-04 | 2.65E-04 | 5.66E-04 |
| 940 | 3.10E-04 | 2.73E-04 | 5.83E-04 |
| 941 | 3.20E-04 | 2.81E-04 | 6.01E-04 |
| 942 | 3.34E-04 | 2.94E-04 | 6.28E-04 |
| 943 | 3.35E-04 | 2.96E-04 | 6.31E-04 |
| 944 | 3.19E-04 | 2.82E-04 | 6.01E-04 |
| 945 | 2.33E-04 | 2.06E-04 | 4.39E-04 |
| 946 | 2.21E-04 | 1.94E-04 | 4.15E-04 |
| 947 | 2.10E-04 | 1.84E-04 | 3.94E-04 |
| 948 | 2.00E-04 | 1.73E-04 | 3.73E-04 |

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| 949 | 1.90E-04 | 1.63E-04 | 3.53E-04 |
| 950 | 1.82E-04 | 1.55E-04 | 3.37E-04 |
| 951 | 1.22E-04 | 1.04E-04 | 2.26E-04 |
| 952 | 1.28E-04 | 1.10E-04 | 2.38E-04 |
| 953 | 1.35E-04 | 1.16E-04 | 2.51E-04 |
| 954 | 1.41E-04 | 1.22E-04 | 2.63E-04 |
| 955 | 1.49E-04 | 1.29E-04 | 2.78E-04 |
| 956 | 1.57E-04 | 1.37E-04 | 2.94E-04 |
| 957 | 1.66E-04 | 1.44E-04 | 3.10E-04 |
| 958 | 1.75E-04 | 1.53E-04 | 3.28E-04 |
| 959 | 1.84E-04 | 1.61E-04 | 3.45E-04 |
| 960 | 1.94E-04 | 1.70E-04 | 3.64E-04 |
| 961 | 2.05E-04 | 1.79E-04 | 3.84E-04 |
| 962 | 2.15E-04 | 1.89E-04 | 4.04E-04 |
| 963 | 2.26E-04 | 1.98E-04 | 4.24E-04 |
| 964 | 2.36E-04 | 2.08E-04 | 4.44E-04 |
| 965 | 2.47E-04 | 2.17E-04 | 4.64E-04 |
| 966 | 2.57E-04 | 2.26E-04 | 4.83E-04 |
| 967 | 2.66E-04 | 2.33E-04 | 4.99E-04 |
| 968 | 2.71E-04 | 2.38E-04 | 5.09E-04 |
| 969 | 2.81E-04 | 2.46E-04 | 5.27E-04 |
| 970 | 2.92E-04 | 2.57E-04 | 5.49E-04 |
| 971 | 2.17E-04 | 1.91E-04 | 4.08E-04 |
| 972 | 2.07E-04 | 1.81E-04 | 3.88E-04 |
| 973 | 1.98E-04 | 1.72E-04 | 3.70E-04 |
| 974 | 1.88E-04 | 1.63E-04 | 3.51E-04 |
| 975 | 1.80E-04 | 1.54E-04 | 3.34E-04 |
| 976 | 1.72E-04 | 1.46E-04 | 3.18E-04 |
| 977 | 1.18E-04 | 1.00E-04 | 2.18E-04 |
| 978 | 1.23E-04 | 1.06E-04 | 2.29E-04 |
| 979 | 1.29E-04 | 1.11E-04 | 2.40E-04 |
| 980 | 1.36E-04 | 1.17E-04 | 2.53E-04 |
| 981 | 1.42E-04 | 1.23E-04 | 2.65E-04 |
| 982 | 1.50E-04 | 1.30E-04 | 2.80E-04 |
| 983 | 1.57E-04 | 1.37E-04 | 2.94E-04 |
| 984 | 1.65E-04 | 1.44E-04 | 3.09E-04 |
| 985 | 1.73E-04 | 1.52E-04 | 3.25E-04 |
| 986 | 1.82E-04 | 1.59E-04 | 3.41E-04 |
| 987 | 1.91E-04 | 1.67E-04 | 3.58E-04 |
| 988 | 2.00E-04 | 1.75E-04 | 3.75E-04 |
| 989 | 2.09E-04 | 1.83E-04 | 3.92E-04 |
| 990 | 2.18E-04 | 1.91E-04 | 4.09E-04 |
| 991 | 2.26E-04 | 1.98E-04 | 4.24E-04 |
| 992 | 2.35E-04 | 2.06E-04 | 4.41E-04 |
| 993 | 2.42E-04 | 2.13E-04 | 4.55E-04 |
| 994 | 2.47E-04 | 2.18E-04 | 4.65E-04 |
| 995 | 2.54E-04 | 2.22E-04 | 4.76E-04 |
| 996 | 2.02E-04 | 1.77E-04 | 3.79E-04 |
| 997 | 1.95E-04 | 1.69E-04 | 3.64E-04 |
| 998 | 1.85E-04 | 1.61E-04 | 3.46E-04 |

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| 999 | 1.78E-04 | 1.53E-04 | 3.31E-04 |
| 1000 | 1.70E-04 | 1.46E-04 | 3.16E-04 |
| 1001 | 1.63E-04 | 1.39E-04 | 3.02E-04 |
| 1002 | 1.56E-04 | 1.32E-04 | 2.88E-04 |
| 1003 | 1.13E-04 | 9.68E-05 | 2.10E-04 |
| 1004 | 1.19E-04 | 1.02E-04 | 2.21E-04 |
| 1005 | 1.24E-04 | 1.07E-04 | 2.31E-04 |
| 1006 | 1.30E-04 | 1.12E-04 | 2.42E-04 |
| 1007 | 1.36E-04 | 1.18E-04 | 2.54E-04 |
| 1008 | 1.42E-04 | 1.24E-04 | 2.66E-04 |
| 1009 | 1.49E-04 | 1.30E-04 | 2.79E-04 |
| 1010 | 1.56E-04 | 1.36E-04 | 2.92E-04 |
| 1011 | 1.63E-04 | 1.43E-04 | 3.06E-04 |
| 1012 | 1.71E-04 | 1.49E-04 | 3.20E-04 |
| 1013 | 1.79E-04 | 1.56E-04 | 3.35E-04 |
| 1014 | 1.86E-04 | 1.63E-04 | 3.49E-04 |
| 1015 | 1.94E-04 | 1.70E-04 | 3.64E-04 |
| 1016 | 2.01E-04 | 1.76E-04 | 3.77E-04 |
| 1017 | 2.08E-04 | 1.82E-04 | 3.90E-04 |
| 1018 | 2.15E-04 | 1.88E-04 | 4.03E-04 |
| 1019 | 2.22E-04 | 1.94E-04 | 4.16E-04 |
| 1020 | 2.27E-04 | 1.99E-04 | 4.26E-04 |
| 1021 | 2.31E-04 | 2.01E-04 | 4.32E-04 |
| 1022 | 1.91E-04 | 1.65E-04 | 3.56E-04 |
| 1023 | 1.83E-04 | 1.58E-04 | 3.41E-04 |
| 1024 | 1.74E-04 | 1.51E-04 | 3.25E-04 |
| 1025 | 1.68E-04 | 1.44E-04 | 3.12E-04 |
| 1026 | 1.61E-04 | 1.38E-04 | 2.99E-04 |
| 1027 | 1.55E-04 | 1.31E-04 | 2.86E-04 |
| 1028 | 1.49E-04 | 1.26E-04 | 2.75E-04 |
| 1029 | 1.43E-04 | 1.19E-04 | 2.62E-04 |
| 1030 | 1.09E-04 | 9.31E-05 | 2.02E-04 |
| 1031 | 1.11E-04 | 9.53E-05 | 2.06E-04 |
| 1032 | 1.16E-04 | 9.96E-05 | 2.16E-04 |
| 1033 | 1.21E-04 | 1.04E-04 | 2.25E-04 |
| 1034 | 1.27E-04 | 1.10E-04 | 2.37E-04 |
| 1035 | 1.35E-04 | 1.17E-04 | 2.52E-04 |
| 1036 | 1.39E-04 | 1.21E-04 | 2.60E-04 |
| 1037 | 1.45E-04 | 1.26E-04 | 2.71E-04 |
| 1038 | 1.53E-04 | 1.34E-04 | 2.87E-04 |
| 1039 | 1.60E-04 | 1.40E-04 | 3.00E-04 |
| 1040 | 1.67E-04 | 1.46E-04 | 3.13E-04 |
| 1041 | 1.74E-04 | 1.52E-04 | 3.26E-04 |
| 1042 | 1.80E-04 | 1.57E-04 | 3.37E-04 |
| 1043 | 1.86E-04 | 1.63E-04 | 3.49E-04 |
| 1044 | 1.93E-04 | 1.68E-04 | 3.61E-04 |
| 1045 | 1.98E-04 | 1.73E-04 | 3.71E-04 |
| 1046 | 2.04E-04 | 1.78E-04 | 3.82E-04 |
| 1047 | 2.08E-04 | 1.82E-04 | 3.90E-04 |
| 1048 | 2.11E-04 | 1.85E-04 | 3.96E-04 |

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| 1049 | 2.16E-04 | 1.89E-04 | 4.05E-04 |
| 1050 | 2.25E-04 | 1.98E-04 | 4.23E-04 |
| 1051 | 1.79E-04 | 1.54E-04 | 3.33E-04 |
| 1052 | 1.71E-04 | 1.48E-04 | 3.19E-04 |
| 1053 | 1.64E-04 | 1.42E-04 | 3.06E-04 |
| 1054 | 1.58E-04 | 1.36E-04 | 2.94E-04 |
| 1055 | 1.53E-04 | 1.30E-04 | 2.83E-04 |
| 1056 | 1.47E-04 | 1.25E-04 | 2.72E-04 |
| 1057 | 1.42E-04 | 1.20E-04 | 2.62E-04 |
| 1058 | 1.36E-04 | 1.14E-04 | 2.50E-04 |
| 1059 | 1.04E-04 | 8.84E-05 | 1.92E-04 |
| 1060 | 1.07E-04 | 9.12E-05 | 1.98E-04 |
| 1061 | 1.11E-04 | 9.52E-05 | 2.06E-04 |
| 1062 | 1.16E-04 | 9.95E-05 | 2.16E-04 |
| 1063 | 1.21E-04 | 1.04E-04 | 2.25E-04 |
| 1064 | 1.26E-04 | 1.09E-04 | 2.35E-04 |
| 1065 | 1.32E-04 | 1.14E-04 | 2.46E-04 |
| 1066 | 1.37E-04 | 1.19E-04 | 2.56E-04 |
| 1067 | 1.45E-04 | 1.26E-04 | 2.71E-04 |
| 1068 | 1.51E-04 | 1.31E-04 | 2.82E-04 |
| 1069 | 1.57E-04 | 1.37E-04 | 2.94E-04 |
| 1070 | 1.61E-04 | 1.41E-04 | 3.02E-04 |
| 1071 | 1.66E-04 | 1.46E-04 | 3.12E-04 |
| 1072 | 1.73E-04 | 1.51E-04 | 3.24E-04 |
| 1073 | 1.78E-04 | 1.55E-04 | 3.33E-04 |
| 1074 | 1.82E-04 | 1.59E-04 | 3.41E-04 |
| 1075 | 1.86E-04 | 1.63E-04 | 3.49E-04 |
| 1076 | 1.91E-04 | 1.66E-04 | 3.57E-04 |
| 1077 | 1.94E-04 | 1.69E-04 | 3.63E-04 |
| 1078 | 1.99E-04 | 1.73E-04 | 3.72E-04 |
| 1079 | 2.03E-04 | 1.77E-04 | 3.80E-04 |
| 1080 | 2.07E-04 | 1.82E-04 | 3.89E-04 |
| 1081 | 2.11E-04 | 1.86E-04 | 3.97E-04 |
| 1082 | 1.69E-04 | 1.45E-04 | 3.14E-04 |
| 1083 | 1.63E-04 | 1.40E-04 | 3.03E-04 |
| 1084 | 1.57E-04 | 1.34E-04 | 2.91E-04 |
| 1085 | 1.50E-04 | 1.28E-04 | 2.78E-04 |
| 1086 | 1.45E-04 | 1.23E-04 | 2.68E-04 |
| 1087 | 1.41E-04 | 1.19E-04 | 2.60E-04 |
| 1088 | 1.36E-04 | 1.14E-04 | 2.50E-04 |
| 1089 | 1.31E-04 | 1.09E-04 | 2.40E-04 |
| 1090 | 9.92E-05 | 8.44E-05 | 1.84E-04 |
| 1091 | 1.03E-04 | 8.76E-05 | 1.91E-04 |
| 1092 | 1.07E-04 | 9.14E-05 | 1.98E-04 |
| 1093 | 1.11E-04 | 9.53E-05 | 2.06E-04 |
| 1094 | 1.16E-04 | 9.97E-05 | 2.16E-04 |
| 1095 | 1.20E-04 | 1.04E-04 | 2.24E-04 |
| 1096 | 1.25E-04 | 1.08E-04 | 2.33E-04 |
| 1097 | 1.31E-04 | 1.13E-04 | 2.44E-04 |
| 1098 | 1.37E-04 | 1.19E-04 | 2.56E-04 |

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|---|---|---|---|
| 1099 | 1.42E-04 | 1.24E-04 | 2.66E-04 |
| 1100 | 1.47E-04 | 1.27E-04 | 2.74E-04 |
| 1101 | 1.51E-04 | 1.31E-04 | 2.82E-04 |
| 1102 | 1.55E-04 | 1.35E-04 | 2.90E-04 |
| 1103 | 1.60E-04 | 1.40E-04 | 3.00E-04 |
| 1104 | 1.64E-04 | 1.44E-04 | 3.08E-04 |
| 1105 | 1.69E-04 | 1.47E-04 | 3.16E-04 |
| 1106 | 1.73E-04 | 1.50E-04 | 3.23E-04 |
| 1107 | 1.76E-04 | 1.53E-04 | 3.29E-04 |
| 1108 | 1.79E-04 | 1.56E-04 | 3.35E-04 |
| 1109 | 1.82E-04 | 1.58E-04 | 3.40E-04 |
| 1110 | 1.85E-04 | 1.60E-04 | 3.45E-04 |
| 1111 | 1.89E-04 | 1.65E-04 | 3.54E-04 |
| 1112 | 1.91E-04 | 1.67E-04 | 3.58E-04 |
| 1113 | 1.92E-04 | 1.68E-04 | 3.60E-04 |
| 1114 | 1.95E-04 | 1.70E-04 | 3.65E-04 |
| 1115 | 1.56E-04 | 1.34E-04 | 2.90E-04 |
| 1116 | 1.51E-04 | 1.30E-04 | 2.81E-04 |
| 1117 | 1.48E-04 | 1.26E-04 | 2.74E-04 |
| 1118 | 1.42E-04 | 1.21E-04 | 2.63E-04 |
| 1119 | 1.38E-04 | 1.17E-04 | 2.55E-04 |
| 1120 | 1.34E-04 | 1.13E-04 | 2.47E-04 |
| 1121 | 1.30E-04 | 1.09E-04 | 2.39E-04 |
| 1122 | 1.27E-04 | 1.06E-04 | 2.33E-04 |
| 1123 | 1.33E-04 | 4.45E-05 | 1.78E-04 |
| 1124 | 1.35E-04 | 4.57E-05 | 1.81E-04 |
| 1125 | 1.36E-04 | 4.70E-05 | 1.83E-04 |
| 1126 | 1.38E-04 | 4.84E-05 | 1.86E-04 |
| 1127 | 1.40E-04 | 4.97E-05 | 1.90E-04 |
| 1128 | 1.42E-04 | 5.11E-05 | 1.93E-04 |
| 1129 | 1.42E-04 | 5.26E-05 | 1.95E-04 |
| 1130 | 1.44E-04 | 5.40E-05 | 1.98E-04 |
| 1131 | 1.45E-04 | 5.55E-05 | 2.01E-04 |
| 1132 | 1.47E-04 | 5.71E-05 | 2.04E-04 |
| 1133 | 1.49E-04 | 5.86E-05 | 2.08E-04 |
| 1134 | 1.51E-04 | 6.01E-05 | 2.11E-04 |
| 1135 | 1.44E-04 | 5.23E-05 | 1.96E-04 |
| 1136 | 1.39E-04 | 4.56E-05 | 1.85E-04 |
| 1137 | 1.40E-04 | 4.64E-05 | 1.86E-04 |
| 1138 | 1.02E-04 | 3.35E-05 | 1.36E-04 |
| 1139 | 1.03E-04 | 3.39E-05 | 1.37E-04 |
| 1140 | 1.31E-04 | 3.97E-05 | 1.71E-04 |
| 1141 | 1.46E-04 | 4.65E-05 | 1.93E-04 |
| 1142 | 1.53E-04 | 5.24E-05 | 2.05E-04 |
| 1143 | 1.59E-04 | 5.55E-05 | 2.15E-04 |
| 1144 | 1.65E-04 | 5.64E-05 | 2.21E-04 |
| 1145 | 1.74E-04 | 5.64E-05 | 2.30E-04 |
| 1146 | 1.88E-04 | 5.69E-05 | 2.45E-04 |
| 1147 | 2.10E-04 | 5.49E-05 | 2.65E-04 |
| 1148 | 2.56E-04 | 5.43E-05 | 3.10E-04 |

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|---|---|---|---|
| 1149 | 2.93E-04 | 5.02E-05 | 3.43E-04 |
| 1150 | 1.97E-04 | 4.84E-05 | 2.45E-04 |
| 1151 | 1.49E-04 | 4.66E-05 | 1.96E-04 |
| 1152 | 1.16E-04 | 4.41E-05 | 1.60E-04 |
| 1153 | 8.84E-05 | 3.84E-05 | 1.27E-04 |
| 1154 | 7.49E-05 | 3.41E-05 | 1.09E-04 |
| 1155 | 6.90E-05 | 3.30E-05 | 1.02E-04 |
| 1156 | 6.57E-05 | 3.30E-05 | 9.87E-05 |
| 1157 | 6.26E-05 | 3.28E-05 | 9.54E-05 |
| 1158 | 6.08E-05 | 3.32E-05 | 9.40E-05 |
| 1159 | 5.83E-05 | 3.28E-05 | 9.11E-05 |
| 1160 | 5.70E-05 | 3.31E-05 | 9.01E-05 |
| 1161 | 5.56E-05 | 3.31E-05 | 8.87E-05 |
| 1162 | 5.45E-05 | 3.32E-05 | 8.77E-05 |
| 1163 | 5.33E-05 | 3.32E-05 | 8.65E-05 |
| 1164 | 5.18E-05 | 3.28E-05 | 8.46E-05 |
| 1165 | 5.06E-05 | 3.26E-05 | 8.32E-05 |
| 1166 | 4.97E-05 | 3.25E-05 | 8.22E-05 |
| 1167 | 4.91E-05 | 3.26E-05 | 8.17E-05 |
| 1168 | 4.85E-05 | 3.26E-05 | 8.11E-05 |
| 1169 | 4.79E-05 | 3.26E-05 | 8.05E-05 |
| 1170 | 4.74E-05 | 3.27E-05 | 8.01E-05 |
| 1171 | 4.71E-05 | 3.29E-05 | 8.00E-05 |
| 1172 | 4.68E-05 | 3.31E-05 | 7.99E-05 |
| 1173 | 4.64E-05 | 3.32E-05 | 7.96E-05 |
| 1174 | 4.61E-05 | 3.34E-05 | 7.95E-05 |
| 1175 | 4.58E-05 | 3.35E-05 | 7.93E-05 |
| 1176 | 4.55E-05 | 3.36E-05 | 7.91E-05 |
| 1177 | 4.50E-05 | 3.35E-05 | 7.85E-05 |
| 1178 | 4.46E-05 | 3.35E-05 | 7.81E-05 |
| 1179 | 4.46E-05 | 3.36E-05 | 7.82E-05 |
| 1180 | 4.48E-05 | 3.39E-05 | 7.87E-05 |
| 1181 | 4.51E-05 | 3.42E-05 | 7.93E-05 |
| 1182 | 1.19E-04 | 4.56E-05 | 1.65E-04 |
| 1183 | 1.22E-04 | 4.70E-05 | 1.69E-04 |
| 1184 | 1.24E-04 | 4.84E-05 | 1.72E-04 |
| 1185 | 1.26E-04 | 4.98E-05 | 1.76E-04 |
| 1186 | 1.28E-04 | 5.12E-05 | 1.79E-04 |
| 1187 | 1.30E-04 | 5.27E-05 | 1.83E-04 |
| 1188 | 1.31E-04 | 5.43E-05 | 1.85E-04 |
| 1189 | 1.33E-04 | 5.59E-05 | 1.89E-04 |
| 1190 | 1.35E-04 | 5.75E-05 | 1.93E-04 |
| 1191 | 1.37E-04 | 5.91E-05 | 1.96E-04 |
| 1192 | 1.39E-04 | 6.08E-05 | 2.00E-04 |
| 1193 | 1.41E-04 | 6.25E-05 | 2.04E-04 |
| 1194 | 1.34E-04 | 5.37E-05 | 1.88E-04 |
| 1195 | 1.32E-04 | 5.08E-05 | 1.83E-04 |
| 1196 | 1.31E-04 | 4.82E-05 | 1.79E-04 |
| 1197 | 9.80E-05 | 3.49E-05 | 1.33E-04 |
| 1198 | 1.08E-04 | 3.75E-05 | 1.46E-04 |

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| 1199 | 1.32E-04 | 4.57E-05 | 1.78E-04 |
| 1200 | 1.42E-04 | 5.36E-05 | 1.96E-04 |
| 1201 | 1.47E-04 | 5.69E-05 | 2.04E-04 |
| 1202 | 1.54E-04 | 6.06E-05 | 2.15E-04 |
| 1203 | 1.60E-04 | 6.06E-05 | 2.21E-04 |
| 1204 | 1.70E-04 | 6.14E-05 | 2.31E-04 |
| 1205 | 1.82E-04 | 6.03E-05 | 2.42E-04 |
| 1206 | 2.05E-04 | 5.60E-05 | 2.61E-04 |
| 1207 | 2.53E-04 | 5.70E-05 | 3.10E-04 |
| 1208 | 2.99E-04 | 5.19E-05 | 3.51E-04 |
| 1209 | 2.06E-04 | 5.08E-05 | 2.57E-04 |
| 1210 | 1.62E-04 | 4.99E-05 | 2.12E-04 |
| 1211 | 1.10E-04 | 4.37E-05 | 1.54E-04 |
| 1212 | 8.73E-05 | 3.81E-05 | 1.25E-04 |
| 1213 | 7.62E-05 | 3.50E-05 | 1.11E-04 |
| 1214 | 7.07E-05 | 3.42E-05 | 1.05E-04 |
| 1215 | 6.72E-05 | 3.42E-05 | 1.01E-04 |
| 1216 | 6.45E-05 | 3.43E-05 | 9.88E-05 |
| 1217 | 6.22E-05 | 3.44E-05 | 9.66E-05 |
| 1218 | 6.04E-05 | 3.45E-05 | 9.49E-05 |
| 1219 | 5.90E-05 | 3.47E-05 | 9.37E-05 |
| 1220 | 5.78E-05 | 3.49E-05 | 9.27E-05 |
| 1221 | 5.66E-05 | 3.50E-05 | 9.16E-05 |
| 1222 | 5.54E-05 | 3.49E-05 | 9.03E-05 |
| 1223 | 5.39E-05 | 3.45E-05 | 8.84E-05 |
| 1224 | 5.27E-05 | 3.44E-05 | 8.71E-05 |
| 1225 | 5.18E-05 | 3.43E-05 | 8.61E-05 |
| 1226 | 5.10E-05 | 3.42E-05 | 8.52E-05 |
| 1227 | 5.03E-05 | 3.43E-05 | 8.46E-05 |
| 1228 | 4.98E-05 | 3.44E-05 | 8.42E-05 |
| 1229 | 4.94E-05 | 3.46E-05 | 8.40E-05 |
| 1230 | 4.92E-05 | 3.48E-05 | 8.40E-05 |
| 1231 | 4.90E-05 | 3.51E-05 | 8.41E-05 |
| 1232 | 4.87E-05 | 3.52E-05 | 8.39E-05 |
| 1233 | 4.86E-05 | 3.54E-05 | 8.40E-05 |
| 1234 | 4.83E-05 | 3.56E-05 | 8.39E-05 |
| 1235 | 4.78E-05 | 3.56E-05 | 8.34E-05 |
| 1236 | 4.72E-05 | 3.55E-05 | 8.27E-05 |
| 1237 | 4.69E-05 | 3.54E-05 | 8.23E-05 |
| 1238 | 4.69E-05 | 3.56E-05 | 8.25E-05 |
| 1239 | 4.72E-05 | 3.59E-05 | 8.31E-05 |
| 1240 | 4.77E-05 | 3.65E-05 | 8.42E-05 |
| 1241 | 1.11E-04 | 4.68E-05 | 1.58E-04 |
| 1242 | 1.13E-04 | 4.83E-05 | 1.61E-04 |
| 1243 | 1.16E-04 | 4.97E-05 | 1.66E-04 |
| 1244 | 1.18E-04 | 5.12E-05 | 1.69E-04 |
| 1245 | 1.20E-04 | 5.28E-05 | 1.73E-04 |
| 1246 | 1.22E-04 | 5.44E-05 | 1.76E-04 |
| 1247 | 1.24E-04 | 5.60E-05 | 1.80E-04 |
| 1248 | 1.26E-04 | 5.77E-05 | 1.84E-04 |

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| 1249 | 1.28E-04 | 5.95E-05 | 1.88E-04 |
| 1250 | 1.30E-04 | 6.13E-05 | 1.91E-04 |
| 1251 | 1.33E-04 | 6.31E-05 | 1.96E-04 |
| 1252 | 1.35E-04 | 6.49E-05 | 2.00E-04 |
| 1253 | 1.30E-04 | 5.91E-05 | 1.89E-04 |
| 1254 | 1.29E-04 | 5.66E-05 | 1.86E-04 |
| 1255 | 1.28E-04 | 5.41E-05 | 1.82E-04 |
| 1256 | 1.24E-04 | 4.86E-05 | 1.73E-04 |
| 1257 | 1.29E-04 | 5.17E-05 | 1.81E-04 |
| 1258 | 1.33E-04 | 5.40E-05 | 1.87E-04 |
| 1259 | 1.39E-04 | 5.87E-05 | 1.98E-04 |
| 1260 | 1.45E-04 | 6.20E-05 | 2.07E-04 |
| 1261 | 1.54E-04 | 6.67E-05 | 2.21E-04 |
| 1262 | 1.59E-04 | 6.53E-05 | 2.24E-04 |
| 1263 | 1.67E-04 | 6.46E-05 | 2.32E-04 |
| 1264 | 1.80E-04 | 6.31E-05 | 2.43E-04 |
| 1265 | 2.03E-04 | 5.92E-05 | 2.62E-04 |
| 1266 | 2.52E-04 | 6.03E-05 | 3.12E-04 |
| 1267 | 3.02E-04 | 5.40E-05 | 3.56E-04 |
| 1268 | 2.03E-04 | 5.20E-05 | 2.55E-04 |
| 1269 | 1.57E-04 | 5.08E-05 | 2.08E-04 |
| 1270 | 1.09E-04 | 4.43E-05 | 1.53E-04 |
| 1271 | 8.78E-05 | 3.86E-05 | 1.26E-04 |
| 1272 | 7.73E-05 | 3.58E-05 | 1.13E-04 |
| 1273 | 7.29E-05 | 3.58E-05 | 1.09E-04 |
| 1274 | 7.00E-05 | 3.63E-05 | 1.06E-04 |
| 1275 | 6.69E-05 | 3.62E-05 | 1.03E-04 |
| 1276 | 6.46E-05 | 3.63E-05 | 1.01E-04 |
| 1277 | 6.29E-05 | 3.65E-05 | 9.94E-05 |
| 1278 | 6.14E-05 | 3.67E-05 | 9.81E-05 |
| 1279 | 6.01E-05 | 3.69E-05 | 9.70E-05 |
| 1280 | 5.89E-05 | 3.69E-05 | 9.58E-05 |
| 1281 | 5.79E-05 | 3.69E-05 | 9.48E-05 |
| 1282 | 5.62E-05 | 3.65E-05 | 9.27E-05 |
| 1283 | 5.51E-05 | 3.64E-05 | 9.15E-05 |
| 1284 | 5.40E-05 | 3.63E-05 | 9.03E-05 |
| 1285 | 5.31E-05 | 3.62E-05 | 8.93E-05 |
| 1286 | 5.25E-05 | 3.63E-05 | 8.88E-05 |
| 1287 | 5.20E-05 | 3.64E-05 | 8.84E-05 |
| 1288 | 5.17E-05 | 3.67E-05 | 8.84E-05 |
| 1289 | 5.15E-05 | 3.69E-05 | 8.84E-05 |
| 1290 | 5.14E-05 | 3.72E-05 | 8.86E-05 |
| 1291 | 5.13E-05 | 3.75E-05 | 8.88E-05 |
| 1292 | 5.12E-05 | 3.77E-05 | 8.89E-05 |
| 1293 | 5.11E-05 | 3.80E-05 | 8.91E-05 |
| 1294 | 5.04E-05 | 3.78E-05 | 8.82E-05 |
| 1295 | 4.98E-05 | 3.76E-05 | 8.74E-05 |
| 1296 | 4.94E-05 | 3.76E-05 | 8.70E-05 |
| 1297 | 4.94E-05 | 3.78E-05 | 8.72E-05 |
| 1298 | 4.97E-05 | 3.81E-05 | 8.78E-05 |

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| 1299 | 5.01E-05 | 3.86E-05 | 8.87E-05 |
| 1300 | 1.05E-04 | 4.81E-05 | 1.53E-04 |
| 1301 | 1.07E-04 | 4.96E-05 | 1.57E-04 |
| 1302 | 1.09E-04 | 5.11E-05 | 1.60E-04 |
| 1303 | 1.12E-04 | 5.27E-05 | 1.65E-04 |
| 1304 | 1.14E-04 | 5.44E-05 | 1.68E-04 |
| 1305 | 1.16E-04 | 5.61E-05 | 1.72E-04 |
| 1306 | 1.18E-04 | 5.79E-05 | 1.76E-04 |
| 1307 | 1.21E-04 | 5.97E-05 | 1.81E-04 |
| 1308 | 1.23E-04 | 6.16E-05 | 1.85E-04 |
| 1309 | 1.26E-04 | 6.35E-05 | 1.90E-04 |
| 1310 | 1.28E-04 | 6.55E-05 | 1.94E-04 |
| 1311 | 1.31E-04 | 6.75E-05 | 1.99E-04 |
| 1312 | 1.34E-04 | 6.95E-05 | 2.04E-04 |
| 1313 | 1.28E-04 | 6.23E-05 | 1.90E-04 |
| 1314 | 1.29E-04 | 6.16E-05 | 1.91E-04 |
| 1315 | 1.27E-04 | 5.85E-05 | 1.86E-04 |
| 1316 | 1.28E-04 | 5.77E-05 | 1.86E-04 |
| 1317 | 1.34E-04 | 6.10E-05 | 1.95E-04 |
| 1318 | 1.39E-04 | 6.43E-05 | 2.03E-04 |
| 1319 | 1.46E-04 | 6.84E-05 | 2.14E-04 |
| 1320 | 1.53E-04 | 7.12E-05 | 2.24E-04 |
| 1321 | 1.59E-04 | 7.08E-05 | 2.30E-04 |
| 1322 | 1.69E-04 | 7.12E-05 | 2.40E-04 |
| 1323 | 1.80E-04 | 6.74E-05 | 2.47E-04 |
| 1324 | 2.03E-04 | 6.25E-05 | 2.66E-04 |
| 1325 | 2.52E-04 | 6.36E-05 | 3.16E-04 |
| 1326 | 2.98E-04 | 5.58E-05 | 3.54E-04 |
| 1327 | 1.90E-04 | 5.27E-05 | 2.43E-04 |
| 1328 | 1.49E-04 | 5.15E-05 | 2.01E-04 |
| 1329 | 1.06E-04 | 4.38E-05 | 1.50E-04 |
| 1330 | 8.88E-05 | 3.94E-05 | 1.28E-04 |
| 1331 | 7.98E-05 | 3.76E-05 | 1.17E-04 |
| 1332 | 7.56E-05 | 3.79E-05 | 1.14E-04 |
| 1333 | 7.28E-05 | 3.84E-05 | 1.11E-04 |
| 1334 | 6.92E-05 | 3.81E-05 | 1.07E-04 |
| 1335 | 6.73E-05 | 3.86E-05 | 1.06E-04 |
| 1336 | 6.58E-05 | 3.90E-05 | 1.05E-04 |
| 1337 | 6.44E-05 | 3.92E-05 | 1.04E-04 |
| 1338 | 6.30E-05 | 3.93E-05 | 1.02E-04 |
| 1339 | 6.18E-05 | 3.93E-05 | 1.01E-04 |
| 1340 | 6.04E-05 | 3.92E-05 | 9.96E-05 |
| 1341 | 5.90E-05 | 3.89E-05 | 9.79E-05 |
| 1342 | 5.79E-05 | 3.88E-05 | 9.67E-05 |
| 1343 | 5.67E-05 | 3.85E-05 | 9.52E-05 |
| 1344 | 5.57E-05 | 3.85E-05 | 9.42E-05 |
| 1345 | 5.50E-05 | 3.86E-05 | 9.36E-05 |
| 1346 | 5.46E-05 | 3.88E-05 | 9.34E-05 |
| 1347 | 5.44E-05 | 3.91E-05 | 9.35E-05 |
| 1348 | 5.43E-05 | 3.94E-05 | 9.37E-05 |

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| 1349 | 5.41E-05 | 3.97E-05 | 9.38E-05 |
| 1350 | 5.40E-05 | 3.99E-05 | 9.39E-05 |
| 1351 | 5.40E-05 | 4.02E-05 | 9.42E-05 |
| 1352 | 5.45E-05 | 4.07E-05 | 9.52E-05 |
| 1353 | 5.36E-05 | 4.05E-05 | 9.41E-05 |
| 1354 | 5.27E-05 | 4.01E-05 | 9.28E-05 |
| 1355 | 5.20E-05 | 4.00E-05 | 9.20E-05 |
| 1356 | 5.19E-05 | 4.01E-05 | 9.20E-05 |
| 1357 | 5.22E-05 | 4.04E-05 | 9.26E-05 |
| 1358 | 5.27E-05 | 4.09E-05 | 9.36E-05 |
| 1359 | 1.00E-04 | 4.94E-05 | 1.49E-04 |
| 1360 | 1.03E-04 | 5.09E-05 | 1.54E-04 |
| 1361 | 1.05E-04 | 5.26E-05 | 1.58E-04 |
| 1362 | 1.08E-04 | 5.43E-05 | 1.62E-04 |
| 1363 | 1.10E-04 | 5.61E-05 | 1.66E-04 |
| 1364 | 1.12E-04 | 5.79E-05 | 1.70E-04 |
| 1365 | 1.15E-04 | 5.98E-05 | 1.75E-04 |
| 1366 | 1.18E-04 | 6.17E-05 | 1.80E-04 |
| 1367 | 1.20E-04 | 6.38E-05 | 1.84E-04 |
| 1368 | 1.23E-04 | 6.58E-05 | 1.89E-04 |
| 1369 | 1.26E-04 | 6.79E-05 | 1.94E-04 |
| 1370 | 1.26E-04 | 6.81E-05 | 1.94E-04 |
| 1371 | 1.24E-04 | 6.39E-05 | 1.88E-04 |
| 1372 | 1.32E-04 | 7.15E-05 | 2.04E-04 |
| 1373 | 1.29E-04 | 6.74E-05 | 1.96E-04 |
| 1374 | 1.32E-04 | 6.88E-05 | 2.01E-04 |
| 1375 | 1.33E-04 | 6.80E-05 | 2.01E-04 |
| 1376 | 1.38E-04 | 7.07E-05 | 2.09E-04 |
| 1377 | 1.42E-04 | 7.12E-05 | 2.13E-04 |
| 1378 | 1.49E-04 | 7.56E-05 | 2.25E-04 |
| 1379 | 1.53E-04 | 7.46E-05 | 2.28E-04 |
| 1380 | 1.60E-04 | 7.40E-05 | 2.34E-04 |
| 1381 | 1.70E-04 | 7.49E-05 | 2.45E-04 |
| 1382 | 1.81E-04 | 7.07E-05 | 2.52E-04 |
| 1383 | 2.05E-04 | 6.68E-05 | 2.72E-04 |
| 1384 | 2.55E-04 | 6.65E-05 | 3.22E-04 |
| 1385 | 2.52E-04 | 5.56E-05 | 3.08E-04 |
| 1386 | 1.86E-04 | 5.49E-05 | 2.41E-04 |
| 1387 | 1.34E-04 | 5.04E-05 | 1.84E-04 |
| 1388 | 1.04E-04 | 4.37E-05 | 1.48E-04 |
| 1389 | 9.00E-05 | 4.05E-05 | 1.31E-04 |
| 1390 | 8.23E-05 | 3.95E-05 | 1.22E-04 |
| 1391 | 7.88E-05 | 4.03E-05 | 1.19E-04 |
| 1392 | 7.59E-05 | 4.09E-05 | 1.17E-04 |
| 1393 | 7.22E-05 | 4.06E-05 | 1.13E-04 |
| 1394 | 7.05E-05 | 4.11E-05 | 1.12E-04 |
| 1395 | 6.92E-05 | 4.17E-05 | 1.11E-04 |
| 1396 | 6.82E-05 | 4.22E-05 | 1.10E-04 |
| 1397 | 6.66E-05 | 4.22E-05 | 1.09E-04 |
| 1398 | 6.50E-05 | 4.20E-05 | 1.07E-04 |

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| 1399 | 6.35E-05 | 4.18E-05 | 1.05E-04 |
| 1400 | 6.28E-05 | 4.20E-05 | 1.05E-04 |
| 1401 | 6.12E-05 | 4.15E-05 | 1.03E-04 |
| 1402 | 5.96E-05 | 4.11E-05 | 1.01E-04 |
| 1403 | 5.85E-05 | 4.10E-05 | 9.95E-05 |
| 1404 | 5.79E-05 | 4.12E-05 | 9.91E-05 |
| 1405 | 5.77E-05 | 4.15E-05 | 9.92E-05 |
| 1406 | 5.77E-05 | 4.19E-05 | 9.96E-05 |
| 1407 | 5.75E-05 | 4.22E-05 | 9.97E-05 |
| 1408 | 5.73E-05 | 4.24E-05 | 9.97E-05 |
| 1409 | 5.70E-05 | 4.26E-05 | 9.96E-05 |
| 1410 | 5.72E-05 | 4.30E-05 | 1.00E-04 |
| 1411 | 5.81E-05 | 4.39E-05 | 1.02E-04 |
| 1412 | 5.68E-05 | 4.32E-05 | 1.00E-04 |
| 1413 | 5.55E-05 | 4.27E-05 | 9.82E-05 |
| 1414 | 5.49E-05 | 4.26E-05 | 9.75E-05 |
| 1415 | 5.47E-05 | 4.27E-05 | 9.74E-05 |
| 1416 | 5.47E-05 | 4.28E-05 | 9.75E-05 |
| 1417 | 5.50E-05 | 4.31E-05 | 9.81E-05 |
| 1418 | 9.70E-05 | 5.07E-05 | 1.48E-04 |
| 1419 | 9.95E-05 | 5.23E-05 | 1.52E-04 |
| 1420 | 1.02E-04 | 5.41E-05 | 1.56E-04 |
| 1421 | 1.05E-04 | 5.59E-05 | 1.61E-04 |
| 1422 | 1.07E-04 | 5.78E-05 | 1.65E-04 |
| 1423 | 1.10E-04 | 5.97E-05 | 1.70E-04 |
| 1424 | 1.12E-04 | 6.17E-05 | 1.74E-04 |
| 1425 | 1.15E-04 | 6.39E-05 | 1.79E-04 |
| 1426 | 1.18E-04 | 6.60E-05 | 1.84E-04 |
| 1427 | 1.21E-04 | 6.83E-05 | 1.89E-04 |
| 1428 | 1.25E-04 | 7.05E-05 | 1.96E-04 |
| 1429 | 1.28E-04 | 7.28E-05 | 2.01E-04 |
| 1430 | 1.27E-04 | 7.13E-05 | 1.98E-04 |
| 1431 | 1.27E-04 | 7.13E-05 | 1.98E-04 |
| 1432 | 1.32E-04 | 7.45E-05 | 2.07E-04 |
| 1433 | 1.38E-04 | 7.73E-05 | 2.15E-04 |
| 1434 | 1.37E-04 | 7.57E-05 | 2.13E-04 |
| 1435 | 1.42E-04 | 7.81E-05 | 2.20E-04 |
| 1436 | 1.48E-04 | 8.17E-05 | 2.30E-04 |
| 1437 | 1.52E-04 | 8.13E-05 | 2.33E-04 |
| 1438 | 1.56E-04 | 8.02E-05 | 2.36E-04 |
| 1439 | 1.62E-04 | 7.95E-05 | 2.42E-04 |
| 1440 | 1.71E-04 | 7.76E-05 | 2.49E-04 |
| 1441 | 1.82E-04 | 7.26E-05 | 2.55E-04 |
| 1442 | 2.07E-04 | 7.10E-05 | 2.78E-04 |
| 1443 | 2.61E-04 | 6.87E-05 | 3.30E-04 |
| 1444 | 2.53E-04 | 5.89E-05 | 3.12E-04 |
| 1445 | 1.77E-04 | 5.63E-05 | 2.33E-04 |
| 1446 | 1.30E-04 | 5.07E-05 | 1.81E-04 |
| 1447 | 1.07E-04 | 4.57E-05 | 1.53E-04 |
| 1448 | 9.22E-05 | 4.23E-05 | 1.35E-04 |

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| 1449 | 8.58E-05 | 4.22E-05 | 1.28E-04 |
| 1450 | 8.20E-05 | 4.28E-05 | 1.25E-04 |
| 1451 | 7.93E-05 | 4.36E-05 | 1.23E-04 |
| 1452 | 7.66E-05 | 4.40E-05 | 1.21E-04 |
| 1453 | 7.50E-05 | 4.46E-05 | 1.20E-04 |
| 1454 | 7.39E-05 | 4.53E-05 | 1.19E-04 |
| 1455 | 7.26E-05 | 4.57E-05 | 1.18E-04 |
| 1456 | 6.98E-05 | 4.49E-05 | 1.15E-04 |
| 1457 | 6.82E-05 | 4.48E-05 | 1.13E-04 |
| 1458 | 6.77E-05 | 4.52E-05 | 1.13E-04 |
| 1459 | 6.70E-05 | 4.54E-05 | 1.12E-04 |
| 1460 | 6.48E-05 | 4.46E-05 | 1.09E-04 |
| 1461 | 6.31E-05 | 4.41E-05 | 1.07E-04 |
| 1462 | 6.20E-05 | 4.40E-05 | 1.06E-04 |
| 1463 | 6.14E-05 | 4.42E-05 | 1.06E-04 |
| 1464 | 6.13E-05 | 4.46E-05 | 1.06E-04 |
| 1465 | 6.16E-05 | 4.52E-05 | 1.07E-04 |
| 1466 | 6.15E-05 | 4.55E-05 | 1.07E-04 |
| 1467 | 6.10E-05 | 4.56E-05 | 1.07E-04 |
| 1468 | 6.10E-05 | 4.60E-05 | 1.07E-04 |
| 1469 | 6.11E-05 | 4.63E-05 | 1.07E-04 |
| 1470 | 6.19E-05 | 4.72E-05 | 1.09E-04 |
| 1471 | 6.05E-05 | 4.65E-05 | 1.07E-04 |
| 1472 | 5.90E-05 | 4.59E-05 | 1.05E-04 |
| 1473 | 5.84E-05 | 4.57E-05 | 1.04E-04 |
| 1474 | 5.78E-05 | 4.55E-05 | 1.03E-04 |
| 1475 | 5.71E-05 | 4.52E-05 | 1.02E-04 |
| 1476 | 5.71E-05 | 4.52E-05 | 1.02E-04 |
| 1477 | 9.45E-05 | 5.20E-05 | 1.47E-04 |
| 1478 | 9.70E-05 | 5.37E-05 | 1.51E-04 |
| 1479 | 9.98E-05 | 5.56E-05 | 1.55E-04 |
| 1480 | 1.03E-04 | 5.75E-05 | 1.61E-04 |
| 1481 | 1.05E-04 | 5.95E-05 | 1.65E-04 |
| 1482 | 1.08E-04 | 6.16E-05 | 1.70E-04 |
| 1483 | 1.11E-04 | 6.38E-05 | 1.75E-04 |
| 1484 | 1.14E-04 | 6.60E-05 | 1.80E-04 |
| 1485 | 1.17E-04 | 6.84E-05 | 1.85E-04 |
| 1486 | 1.20E-04 | 7.08E-05 | 1.91E-04 |
| 1487 | 1.24E-04 | 7.33E-05 | 1.97E-04 |
| 1488 | 1.27E-04 | 7.58E-05 | 2.03E-04 |
| 1489 | 1.18E-04 | 6.55E-05 | 1.84E-04 |
| 1490 | 1.27E-04 | 7.43E-05 | 2.01E-04 |
| 1491 | 1.35E-04 | 8.17E-05 | 2.17E-04 |
| 1492 | 1.40E-04 | 8.45E-05 | 2.25E-04 |
| 1493 | 1.40E-04 | 8.22E-05 | 2.22E-04 |
| 1494 | 1.49E-04 | 8.74E-05 | 2.36E-04 |
| 1495 | 1.56E-04 | 9.33E-05 | 2.49E-04 |
| 1496 | 1.62E-04 | 9.24E-05 | 2.54E-04 |
| 1497 | 1.61E-04 | 8.78E-05 | 2.49E-04 |
| 1498 | 1.63E-04 | 8.21E-05 | 2.45E-04 |

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| 1499 | 1.73E-04 | 8.20E-05 | 2.55E-04 |
| 1500 | 1.86E-04 | 7.76E-05 | 2.64E-04 |
| 1501 | 2.11E-04 | 7.45E-05 | 2.86E-04 |
| 1502 | 1.95E-04 | 5.73E-05 | 2.52E-04 |
| 1503 | 2.20E-04 | 5.90E-05 | 2.79E-04 |
| 1504 | 1.66E-04 | 5.69E-05 | 2.23E-04 |
| 1505 | 1.27E-04 | 5.10E-05 | 1.78E-04 |
| 1506 | 1.07E-04 | 4.69E-05 | 1.54E-04 |
| 1507 | 9.48E-05 | 4.44E-05 | 1.39E-04 |
| 1508 | 8.94E-05 | 4.50E-05 | 1.34E-04 |
| 1509 | 8.65E-05 | 4.63E-05 | 1.33E-04 |
| 1510 | 8.58E-05 | 4.84E-05 | 1.34E-04 |
| 1511 | 8.31E-05 | 4.88E-05 | 1.32E-04 |
| 1512 | 8.04E-05 | 4.88E-05 | 1.29E-04 |
| 1513 | 7.98E-05 | 4.99E-05 | 1.30E-04 |
| 1514 | 7.70E-05 | 4.93E-05 | 1.26E-04 |
| 1515 | 7.39E-05 | 4.84E-05 | 1.22E-04 |
| 1516 | 7.24E-05 | 4.83E-05 | 1.21E-04 |
| 1517 | 7.26E-05 | 4.92E-05 | 1.22E-04 |
| 1518 | 7.28E-05 | 5.00E-05 | 1.23E-04 |
| 1519 | 6.99E-05 | 4.87E-05 | 1.19E-04 |
| 1520 | 6.75E-05 | 4.78E-05 | 1.15E-04 |
| 1521 | 6.61E-05 | 4.76E-05 | 1.14E-04 |
| 1522 | 6.56E-05 | 4.78E-05 | 1.13E-04 |
| 1523 | 6.58E-05 | 4.84E-05 | 1.14E-04 |
| 1524 | 6.63E-05 | 4.91E-05 | 1.15E-04 |
| 1525 | 6.58E-05 | 4.93E-05 | 1.15E-04 |
| 1526 | 6.44E-05 | 4.89E-05 | 1.13E-04 |
| 1527 | 6.47E-05 | 4.94E-05 | 1.14E-04 |
| 1528 | 6.55E-05 | 5.02E-05 | 1.16E-04 |
| 1529 | 6.64E-05 | 5.11E-05 | 1.18E-04 |
| 1530 | 6.49E-05 | 5.04E-05 | 1.15E-04 |
| 1531 | 6.34E-05 | 4.96E-05 | 1.13E-04 |
| 1532 | 6.26E-05 | 4.93E-05 | 1.12E-04 |
| 1533 | 6.15E-05 | 4.87E-05 | 1.10E-04 |
| 1534 | 5.99E-05 | 4.78E-05 | 1.08E-04 |
| 1535 | 5.95E-05 | 4.76E-05 | 1.07E-04 |
| 1536 | 9.27E-05 | 5.33E-05 | 1.46E-04 |
| 1537 | 9.54E-05 | 5.52E-05 | 1.51E-04 |
| 1538 | 9.82E-05 | 5.72E-05 | 1.55E-04 |
| 1539 | 1.01E-04 | 5.92E-05 | 1.60E-04 |
| 1540 | 1.04E-04 | 6.13E-05 | 1.65E-04 |
| 1541 | 1.07E-04 | 6.36E-05 | 1.71E-04 |
| 1542 | 1.10E-04 | 6.59E-05 | 1.76E-04 |
| 1543 | 1.13E-04 | 6.83E-05 | 1.81E-04 |
| 1544 | 1.16E-04 | 7.08E-05 | 1.87E-04 |
| 1545 | 1.20E-04 | 7.35E-05 | 1.94E-04 |
| 1546 | 1.24E-04 | 7.62E-05 | 2.00E-04 |
| 1547 | 1.25E-04 | 7.81E-05 | 2.03E-04 |
| 1548 | 1.27E-04 | 7.76E-05 | 2.05E-04 |

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| 1549 | 1.36E-04 | 8.49E-05 | 2.21E-04 |
| 1550 | 1.40E-04 | 8.79E-05 | 2.28E-04 |
| 1551 | 1.44E-04 | 9.05E-05 | 2.35E-04 |
| 1552 | 1.47E-04 | 9.20E-05 | 2.39E-04 |
| 1553 | 1.55E-04 | 9.70E-05 | 2.52E-04 |
| 1554 | 1.63E-04 | 1.01E-04 | 2.64E-04 |
| 1555 | 1.70E-04 | 1.04E-04 | 2.74E-04 |
| 1556 | 1.74E-04 | 1.04E-04 | 2.78E-04 |
| 1557 | 1.66E-04 | 8.62E-05 | 2.52E-04 |
| 1558 | 1.76E-04 | 8.59E-05 | 2.62E-04 |
| 1559 | 1.88E-04 | 8.10E-05 | 2.69E-04 |
| 1560 | 2.02E-04 | 6.80E-05 | 2.70E-04 |
| 1561 | 1.60E-04 | 5.43E-05 | 2.14E-04 |
| 1562 | 2.03E-04 | 5.93E-05 | 2.62E-04 |
| 1563 | 1.58E-04 | 5.71E-05 | 2.15E-04 |
| 1564 | 1.25E-04 | 5.09E-05 | 1.76E-04 |
| 1565 | 1.10E-04 | 4.92E-05 | 1.59E-04 |
| 1566 | 9.94E-05 | 4.79E-05 | 1.47E-04 |
| 1567 | 9.38E-05 | 4.84E-05 | 1.42E-04 |
| 1568 | 9.35E-05 | 5.14E-05 | 1.45E-04 |
| 1569 | 9.50E-05 | 5.50E-05 | 1.50E-04 |
| 1570 | 9.12E-05 | 5.47E-05 | 1.46E-04 |
| 1571 | 8.72E-05 | 5.40E-05 | 1.41E-04 |
| 1572 | 8.75E-05 | 5.57E-05 | 1.43E-04 |
| 1573 | 8.22E-05 | 5.35E-05 | 1.36E-04 |
| 1574 | 7.85E-05 | 5.22E-05 | 1.31E-04 |
| 1575 | 7.78E-05 | 5.27E-05 | 1.31E-04 |
| 1576 | 7.97E-05 | 5.47E-05 | 1.34E-04 |
| 1577 | 7.99E-05 | 5.55E-05 | 1.35E-04 |
| 1578 | 7.59E-05 | 5.35E-05 | 1.29E-04 |
| 1579 | 7.28E-05 | 5.22E-05 | 1.25E-04 |
| 1580 | 7.10E-05 | 5.17E-05 | 1.23E-04 |
| 1581 | 7.07E-05 | 5.21E-05 | 1.23E-04 |
| 1582 | 7.11E-05 | 5.28E-05 | 1.24E-04 |
| 1583 | 7.18E-05 | 5.38E-05 | 1.26E-04 |
| 1584 | 7.07E-05 | 5.36E-05 | 1.24E-04 |
| 1585 | 6.89E-05 | 5.28E-05 | 1.22E-04 |
| 1586 | 6.88E-05 | 5.31E-05 | 1.22E-04 |
| 1587 | 7.08E-05 | 5.47E-05 | 1.26E-04 |
| 1588 | 7.17E-05 | 5.57E-05 | 1.27E-04 |
| 1589 | 7.00E-05 | 5.48E-05 | 1.25E-04 |
| 1590 | 6.86E-05 | 5.41E-05 | 1.23E-04 |
| 1591 | 6.77E-05 | 5.36E-05 | 1.21E-04 |
| 1592 | 6.50E-05 | 5.19E-05 | 1.17E-04 |
| 1593 | 6.30E-05 | 5.07E-05 | 1.14E-04 |
| 1594 | 6.27E-05 | 5.05E-05 | 1.13E-04 |
| 1595 | 9.16E-05 | 5.47E-05 | 1.46E-04 |
| 1596 | 9.43E-05 | 5.66E-05 | 1.51E-04 |
| 1597 | 9.71E-05 | 5.87E-05 | 1.56E-04 |
| 1598 | 1.00E-04 | 6.09E-05 | 1.61E-04 |

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| 1599 | 1.03E-04 | 6.32E-05 | 1.66E-04 |
| 1600 | 1.06E-04 | 6.56E-05 | 1.72E-04 |
| 1601 | 1.09E-04 | 6.81E-05 | 1.77E-04 |
| 1602 | 1.13E-04 | 7.07E-05 | 1.84E-04 |
| 1603 | 1.16E-04 | 7.34E-05 | 1.89E-04 |
| 1604 | 1.20E-04 | 7.62E-05 | 1.96E-04 |
| 1605 | 1.24E-04 | 7.92E-05 | 2.03E-04 |
| 1606 | 1.28E-04 | 8.22E-05 | 2.10E-04 |
| 1607 | 1.33E-04 | 8.54E-05 | 2.18E-04 |
| 1608 | 1.37E-04 | 8.87E-05 | 2.26E-04 |
| 1609 | 1.42E-04 | 9.21E-05 | 2.34E-04 |
| 1610 | 1.48E-04 | 9.56E-05 | 2.44E-04 |
| 1611 | 1.53E-04 | 9.91E-05 | 2.52E-04 |
| 1612 | 1.60E-04 | 1.03E-04 | 2.63E-04 |
| 1613 | 1.67E-04 | 1.07E-04 | 2.74E-04 |
| 1614 | 1.74E-04 | 1.10E-04 | 2.84E-04 |
| 1615 | 1.81E-04 | 1.13E-04 | 2.94E-04 |
| 1616 | 1.89E-04 | 1.14E-04 | 3.03E-04 |
| 1617 | 1.89E-04 | 1.02E-04 | 2.91E-04 |
| 1618 | 1.92E-04 | 8.69E-05 | 2.79E-04 |
| 1619 | 1.75E-04 | 6.51E-05 | 2.40E-04 |
| 1620 | 1.94E-04 | 6.44E-05 | 2.58E-04 |
| 1621 | 2.15E-04 | 6.51E-05 | 2.80E-04 |
| 1622 | 1.63E-04 | 6.11E-05 | 2.24E-04 |
| 1623 | 1.32E-04 | 5.57E-05 | 1.88E-04 |
| 1624 | 1.18E-04 | 5.45E-05 | 1.73E-04 |
| 1625 | 1.10E-04 | 5.53E-05 | 1.65E-04 |
| 1626 | 1.02E-04 | 5.45E-05 | 1.57E-04 |
| 1627 | 1.03E-04 | 5.83E-05 | 1.61E-04 |
| 1628 | 1.06E-04 | 6.30E-05 | 1.69E-04 |
| 1629 | 1.00E-04 | 6.15E-05 | 1.62E-04 |
| 1630 | 9.54E-05 | 6.02E-05 | 1.56E-04 |
| 1631 | 9.63E-05 | 6.23E-05 | 1.59E-04 |
| 1632 | 8.80E-05 | 5.82E-05 | 1.46E-04 |
| 1633 | 8.53E-05 | 5.76E-05 | 1.43E-04 |
| 1634 | 8.64E-05 | 5.93E-05 | 1.46E-04 |
| 1635 | 8.90E-05 | 6.19E-05 | 1.51E-04 |
| 1636 | 8.88E-05 | 6.26E-05 | 1.51E-04 |
| 1637 | 8.28E-05 | 5.92E-05 | 1.42E-04 |
| 1638 | 7.86E-05 | 5.71E-05 | 1.36E-04 |
| 1639 | 7.65E-05 | 5.64E-05 | 1.33E-04 |
| 1640 | 7.67E-05 | 5.71E-05 | 1.34E-04 |
| 1641 | 7.73E-05 | 5.81E-05 | 1.35E-04 |
| 1642 | 7.85E-05 | 5.95E-05 | 1.38E-04 |
| 1643 | 7.63E-05 | 5.85E-05 | 1.35E-04 |
| 1644 | 7.41E-05 | 5.75E-05 | 1.32E-04 |
| 1645 | 7.44E-05 | 5.80E-05 | 1.32E-04 |
| 1646 | 7.76E-05 | 6.05E-05 | 1.38E-04 |
| 1647 | 7.76E-05 | 6.08E-05 | 1.38E-04 |
| 1648 | 7.61E-05 | 6.01E-05 | 1.36E-04 |

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| 1649 | 7.43E-05 | 5.90E-05 | 1.33E-04 |
| 1650 | 7.13E-05 | 5.71E-05 | 1.28E-04 |
| 1651 | 6.81E-05 | 5.50E-05 | 1.23E-04 |
| 1652 | 6.63E-05 | 5.38E-05 | 1.20E-04 |
| 1653 | 6.63E-05 | 5.37E-05 | 1.20E-04 |
| 1654 | 9.06E-05 | 5.60E-05 | 1.47E-04 |
| 1655 | 9.34E-05 | 5.81E-05 | 1.52E-04 |
| 1656 | 9.62E-05 | 6.03E-05 | 1.57E-04 |
| 1657 | 9.92E-05 | 6.26E-05 | 1.62E-04 |
| 1658 | 1.02E-04 | 6.50E-05 | 1.67E-04 |
| 1659 | 1.06E-04 | 6.76E-05 | 1.74E-04 |
| 1660 | 1.09E-04 | 7.03E-05 | 1.79E-04 |
| 1661 | 1.13E-04 | 7.31E-05 | 1.86E-04 |
| 1662 | 1.17E-04 | 7.60E-05 | 1.93E-04 |
| 1663 | 1.21E-04 | 7.91E-05 | 2.00E-04 |
| 1664 | 1.25E-04 | 8.23E-05 | 2.07E-04 |
| 1665 | 1.30E-04 | 8.57E-05 | 2.16E-04 |
| 1666 | 1.34E-04 | 8.92E-05 | 2.23E-04 |
| 1667 | 1.39E-04 | 9.28E-05 | 2.32E-04 |
| 1668 | 1.45E-04 | 9.65E-05 | 2.42E-04 |
| 1669 | 1.51E-04 | 1.00E-04 | 2.51E-04 |
| 1670 | 1.57E-04 | 1.04E-04 | 2.61E-04 |
| 1671 | 1.64E-04 | 1.09E-04 | 2.73E-04 |
| 1672 | 1.71E-04 | 1.13E-04 | 2.84E-04 |
| 1673 | 1.79E-04 | 1.17E-04 | 2.96E-04 |
| 1674 | 1.89E-04 | 1.21E-04 | 3.10E-04 |
| 1675 | 1.97E-04 | 1.24E-04 | 3.21E-04 |
| 1676 | 1.94E-04 | 1.09E-04 | 3.03E-04 |
| 1677 | 1.89E-04 | 8.44E-05 | 2.73E-04 |
| 1678 | 1.89E-04 | 7.30E-05 | 2.62E-04 |
| 1679 | 2.27E-04 | 7.47E-05 | 3.02E-04 |
| 1680 | 2.63E-04 | 7.78E-05 | 3.41E-04 |
| 1681 | 1.85E-04 | 7.06E-05 | 2.56E-04 |
| 1682 | 1.44E-04 | 6.30E-05 | 2.07E-04 |
| 1683 | 1.27E-04 | 6.10E-05 | 1.88E-04 |
| 1684 | 1.20E-04 | 6.21E-05 | 1.82E-04 |
| 1685 | 1.15E-04 | 6.32E-05 | 1.78E-04 |
| 1686 | 1.19E-04 | 6.88E-05 | 1.88E-04 |
| 1687 | 1.18E-04 | 7.11E-05 | 1.89E-04 |
| 1688 | 1.11E-04 | 6.90E-05 | 1.80E-04 |
| 1689 | 1.06E-04 | 6.78E-05 | 1.74E-04 |
| 1690 | 1.07E-04 | 7.02E-05 | 1.77E-04 |
| 1691 | 9.82E-05 | 6.60E-05 | 1.64E-04 |
| 1692 | 9.73E-05 | 6.66E-05 | 1.64E-04 |
| 1693 | 1.00E-04 | 6.96E-05 | 1.70E-04 |
| 1694 | 1.04E-04 | 7.29E-05 | 1.77E-04 |
| 1695 | 9.74E-05 | 6.94E-05 | 1.67E-04 |
| 1696 | 9.05E-05 | 6.55E-05 | 1.56E-04 |
| 1697 | 8.58E-05 | 6.31E-05 | 1.49E-04 |
| 1698 | 8.31E-05 | 6.20E-05 | 1.45E-04 |

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| 1699 | 8.37E-05 | 6.30E-05 | 1.47E-04 |
| 1700 | 8.53E-05 | 6.48E-05 | 1.50E-04 |
| 1701 | 8.57E-05 | 6.57E-05 | 1.51E-04 |
| 1702 | 8.46E-05 | 6.53E-05 | 1.50E-04 |
| 1703 | 8.21E-05 | 6.41E-05 | 1.46E-04 |
| 1704 | 8.09E-05 | 6.36E-05 | 1.45E-04 |
| 1705 | 8.47E-05 | 6.66E-05 | 1.51E-04 |
| 1706 | 8.34E-05 | 6.59E-05 | 1.49E-04 |
| 1707 | 8.10E-05 | 6.45E-05 | 1.46E-04 |
| 1708 | 7.65E-05 | 6.16E-05 | 1.38E-04 |
| 1709 | 7.34E-05 | 5.95E-05 | 1.33E-04 |
| 1710 | 7.12E-05 | 5.81E-05 | 1.29E-04 |
| 1711 | 6.98E-05 | 5.71E-05 | 1.27E-04 |
| 1712 | 7.01E-05 | 5.72E-05 | 1.27E-04 |
| 1713 | 9.00E-05 | 5.74E-05 | 1.47E-04 |
| 1714 | 9.29E-05 | 5.96E-05 | 1.53E-04 |
| 1715 | 9.59E-05 | 6.19E-05 | 1.58E-04 |
| 1716 | 9.90E-05 | 6.43E-05 | 1.63E-04 |
| 1717 | 1.02E-04 | 6.69E-05 | 1.69E-04 |
| 1718 | 1.06E-04 | 6.97E-05 | 1.76E-04 |
| 1719 | 1.10E-04 | 7.26E-05 | 1.83E-04 |
| 1720 | 1.14E-04 | 7.56E-05 | 1.90E-04 |
| 1721 | 1.18E-04 | 7.87E-05 | 1.97E-04 |
| 1722 | 1.22E-04 | 8.21E-05 | 2.04E-04 |
| 1723 | 9.40E-05 | 7.36E-05 | 1.68E-04 |
| 1724 | 9.34E-05 | 7.35E-05 | 1.67E-04 |
| 1725 | 9.20E-05 | 7.29E-05 | 1.65E-04 |
| 1726 | 9.05E-05 | 7.21E-05 | 1.63E-04 |
| 1727 | 8.59E-05 | 6.91E-05 | 1.55E-04 |
| 1728 | 8.02E-05 | 6.53E-05 | 1.46E-04 |
| 1729 | 7.70E-05 | 6.31E-05 | 1.40E-04 |
| 1730 | 7.48E-05 | 6.16E-05 | 1.36E-04 |
| 1731 | 7.31E-05 | 6.03E-05 | 1.33E-04 |
| 1732 | 7.30E-05 | 6.00E-05 | 1.33E-04 |
| 1733 | 8.98E-05 | 5.88E-05 | 1.49E-04 |
| 1734 | 9.28E-05 | 6.11E-05 | 1.54E-04 |
| 1735 | 9.59E-05 | 6.35E-05 | 1.59E-04 |
| 1736 | 9.93E-05 | 6.61E-05 | 1.65E-04 |
| 1737 | 1.03E-04 | 6.89E-05 | 1.72E-04 |
| 1738 | 1.07E-04 | 7.19E-05 | 1.79E-04 |
| 1739 | 1.10E-04 | 7.49E-05 | 1.85E-04 |
| 1740 | 1.14E-04 | 7.80E-05 | 1.92E-04 |
| 1741 | 1.18E-04 | 8.15E-05 | 2.00E-04 |
| 1742 | 1.23E-04 | 8.51E-05 | 2.08E-04 |
| 1743 | 1.01E-04 | 7.99E-05 | 1.81E-04 |
| 1744 | 9.88E-05 | 7.88E-05 | 1.78E-04 |
| 1745 | 9.72E-05 | 7.78E-05 | 1.75E-04 |
| 1746 | 9.55E-05 | 7.69E-05 | 1.72E-04 |
| 1747 | 9.36E-05 | 7.56E-05 | 1.69E-04 |
| 1748 | 8.78E-05 | 7.17E-05 | 1.60E-04 |

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| 1749 | 8.22E-05 | 6.78E-05 | 1.50E-04 |
| 1750 | 7.84E-05 | 6.50E-05 | 1.43E-04 |
| 1751 | 7.65E-05 | 6.35E-05 | 1.40E-04 |
| 1752 | 7.58E-05 | 6.27E-05 | 1.39E-04 |
| 1753 | 9.01E-05 | 6.02E-05 | 1.50E-04 |
| 1754 | 9.28E-05 | 6.26E-05 | 1.55E-04 |
| 1755 | 9.60E-05 | 6.51E-05 | 1.61E-04 |
| 1756 | 9.96E-05 | 6.79E-05 | 1.68E-04 |
| 1757 | 1.03E-04 | 7.09E-05 | 1.74E-04 |
| 1758 | 1.07E-04 | 7.39E-05 | 1.81E-04 |
| 1759 | 1.11E-04 | 7.72E-05 | 1.88E-04 |
| 1760 | 1.15E-04 | 8.06E-05 | 1.96E-04 |
| 1761 | 1.20E-04 | 8.43E-05 | 2.04E-04 |
| 1762 | 1.25E-04 | 8.82E-05 | 2.13E-04 |
| 1763 | 1.07E-04 | 8.58E-05 | 1.93E-04 |
| 1764 | 1.05E-04 | 8.48E-05 | 1.90E-04 |
| 1765 | 1.03E-04 | 8.37E-05 | 1.87E-04 |
| 1766 | 1.00E-04 | 8.16E-05 | 1.82E-04 |
| 1767 | 9.90E-05 | 8.07E-05 | 1.80E-04 |
| 1768 | 9.53E-05 | 7.81E-05 | 1.73E-04 |
| 1769 | 8.85E-05 | 7.33E-05 | 1.62E-04 |
| 1770 | 8.29E-05 | 6.91E-05 | 1.52E-04 |
| 1771 | 8.03E-05 | 6.70E-05 | 1.47E-04 |
| 1772 | 7.98E-05 | 6.63E-05 | 1.46E-04 |
| 1773 | 9.03E-05 | 6.16E-05 | 1.52E-04 |
| 1774 | 9.30E-05 | 6.40E-05 | 1.57E-04 |
| 1775 | 9.65E-05 | 6.68E-05 | 1.63E-04 |
| 1776 | 1.00E-04 | 6.97E-05 | 1.70E-04 |
| 1777 | 1.04E-04 | 7.28E-05 | 1.77E-04 |
| 1778 | 1.08E-04 | 7.61E-05 | 1.84E-04 |
| 1779 | 1.12E-04 | 7.96E-05 | 1.92E-04 |
| 1780 | 1.17E-04 | 8.33E-05 | 2.00E-04 |
| 1781 | 1.22E-04 | 8.73E-05 | 2.09E-04 |
| 1782 | 1.27E-04 | 9.15E-05 | 2.19E-04 |
| 1783 | 1.14E-04 | 9.23E-05 | 2.06E-04 |
| 1784 | 1.15E-04 | 9.30E-05 | 2.08E-04 |
| 1785 | 1.10E-04 | 9.00E-05 | 2.00E-04 |
| 1786 | 1.07E-04 | 8.76E-05 | 1.95E-04 |
| 1787 | 1.05E-04 | 8.63E-05 | 1.91E-04 |
| 1788 | 1.02E-04 | 8.35E-05 | 1.86E-04 |
| 1789 | 9.38E-05 | 7.79E-05 | 1.72E-04 |
| 1790 | 8.78E-05 | 7.34E-05 | 1.61E-04 |
| 1791 | 8.40E-05 | 7.04E-05 | 1.54E-04 |
| 1792 | 8.31E-05 | 6.95E-05 | 1.53E-04 |
| 1793 | 9.04E-05 | 6.29E-05 | 1.53E-04 |
| 1794 | 9.33E-05 | 6.55E-05 | 1.59E-04 |
| 1795 | 9.69E-05 | 6.84E-05 | 1.65E-04 |
| 1796 | 1.01E-04 | 7.14E-05 | 1.72E-04 |
| 1797 | 1.05E-04 | 7.48E-05 | 1.80E-04 |
| 1798 | 1.09E-04 | 7.83E-05 | 1.87E-04 |

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| 1799 | 1.14E-04 | 8.20E-05 | 1.96E-04 |
| 1800 | 1.18E-04 | 8.60E-05 | 2.04E-04 |
| 1801 | 1.23E-04 | 9.02E-05 | 2.13E-04 |
| 1802 | 1.29E-04 | 9.47E-05 | 2.24E-04 |
| 1803 | 1.24E-04 | 1.02E-04 | 2.26E-04 |
| 1804 | 1.22E-04 | 1.00E-04 | 2.22E-04 |
| 1805 | 1.19E-04 | 9.81E-05 | 2.17E-04 |
| 1806 | 1.16E-04 | 9.56E-05 | 2.12E-04 |
| 1807 | 1.12E-04 | 9.26E-05 | 2.05E-04 |
| 1808 | 1.07E-04 | 8.87E-05 | 1.96E-04 |
| 1809 | 9.81E-05 | 8.20E-05 | 1.80E-04 |
| 1810 | 9.04E-05 | 7.63E-05 | 1.67E-04 |
| 1811 | 8.63E-05 | 7.30E-05 | 1.59E-04 |
| 1812 | 8.49E-05 | 7.16E-05 | 1.57E-04 |
| 1813 | 9.05E-05 | 6.42E-05 | 1.55E-04 |
| 1814 | 9.37E-05 | 6.69E-05 | 1.61E-04 |
| 1815 | 9.75E-05 | 7.00E-05 | 1.68E-04 |
| 1816 | 1.01E-04 | 7.32E-05 | 1.74E-04 |
| 1817 | 1.06E-04 | 7.67E-05 | 1.83E-04 |
| 1818 | 1.10E-04 | 8.05E-05 | 1.91E-04 |
| 1819 | 1.15E-04 | 8.44E-05 | 1.99E-04 |
| 1820 | 1.20E-04 | 8.87E-05 | 2.09E-04 |
| 1821 | 1.25E-04 | 9.32E-05 | 2.18E-04 |
| 1822 | 1.31E-04 | 9.81E-05 | 2.29E-04 |
| 1823 | 1.40E-04 | 1.15E-04 | 2.55E-04 |
| 1824 | 1.33E-04 | 1.09E-04 | 2.42E-04 |
| 1825 | 1.29E-04 | 1.07E-04 | 2.36E-04 |
| 1826 | 1.24E-04 | 1.02E-04 | 2.26E-04 |
| 1827 | 1.18E-04 | 9.76E-05 | 2.16E-04 |
| 1828 | 1.10E-04 | 9.17E-05 | 2.02E-04 |
| 1829 | 9.92E-05 | 8.40E-05 | 1.83E-04 |
| 1830 | 9.15E-05 | 7.80E-05 | 1.70E-04 |
| 1831 | 8.84E-05 | 7.52E-05 | 1.64E-04 |
| 1832 | 8.63E-05 | 7.29E-05 | 1.59E-04 |
| 1833 | 9.09E-05 | 6.55E-05 | 1.56E-04 |
| 1834 | 9.42E-05 | 6.83E-05 | 1.63E-04 |
| 1835 | 9.84E-05 | 7.16E-05 | 1.70E-04 |
| 1836 | 1.02E-04 | 7.50E-05 | 1.77E-04 |
| 1837 | 1.07E-04 | 7.87E-05 | 1.86E-04 |
| 1838 | 1.11E-04 | 8.26E-05 | 1.94E-04 |
| 1839 | 1.16E-04 | 8.68E-05 | 2.03E-04 |
| 1840 | 1.22E-04 | 9.14E-05 | 2.13E-04 |
| 1841 | 1.27E-04 | 9.62E-05 | 2.23E-04 |
| 1842 | 1.33E-04 | 1.01E-04 | 2.34E-04 |
| 1843 | 1.56E-04 | 1.29E-04 | 2.85E-04 |
| 1844 | 1.48E-04 | 1.23E-04 | 2.71E-04 |
| 1845 | 1.38E-04 | 1.15E-04 | 2.53E-04 |
| 1846 | 1.27E-04 | 1.06E-04 | 2.33E-04 |
| 1847 | 1.20E-04 | 1.01E-04 | 2.21E-04 |
| 1848 | 1.10E-04 | 9.33E-05 | 2.03E-04 |

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| 1849 | 1.01E-04 | 8.62E-05 | 1.87E-04 |
| 1850 | 9.36E-05 | 8.00E-05 | 1.74E-04 |
| 1851 | 9.00E-05 | 7.63E-05 | 1.66E-04 |
| 1852 | 8.79E-05 | 7.39E-05 | 1.62E-04 |
| 1853 | 9.16E-05 | 6.68E-05 | 1.58E-04 |
| 1854 | 9.49E-05 | 6.98E-05 | 1.65E-04 |
| 1855 | 9.91E-05 | 7.32E-05 | 1.72E-04 |
| 1856 | 1.03E-04 | 7.68E-05 | 1.80E-04 |
| 1857 | 1.08E-04 | 8.06E-05 | 1.89E-04 |
| 1858 | 1.13E-04 | 8.47E-05 | 1.98E-04 |
| 1859 | 1.18E-04 | 8.92E-05 | 2.07E-04 |
| 1860 | 1.24E-04 | 9.40E-05 | 2.18E-04 |
| 1861 | 1.30E-04 | 9.93E-05 | 2.29E-04 |
| 1862 | 1.36E-04 | 1.05E-04 | 2.41E-04 |
| 1863 | 1.69E-04 | 1.41E-04 | 3.10E-04 |
| 1864 | 1.57E-04 | 1.31E-04 | 2.88E-04 |
| 1865 | 1.37E-04 | 1.16E-04 | 2.53E-04 |
| 1866 | 1.25E-04 | 1.06E-04 | 2.31E-04 |
| 1867 | 1.17E-04 | 9.99E-05 | 2.17E-04 |
| 1868 | 1.11E-04 | 9.42E-05 | 2.05E-04 |
| 1869 | 1.03E-04 | 8.74E-05 | 1.90E-04 |
| 1870 | 9.50E-05 | 8.08E-05 | 1.76E-04 |
| 1871 | 9.16E-05 | 7.74E-05 | 1.69E-04 |
| 1872 | 8.94E-05 | 7.50E-05 | 1.64E-04 |
| 1873 | 9.20E-05 | 6.80E-05 | 1.60E-04 |
| 1874 | 9.56E-05 | 7.11E-05 | 1.67E-04 |
| 1875 | 1.00E-04 | 7.47E-05 | 1.75E-04 |
| 1876 | 1.04E-04 | 7.84E-05 | 1.82E-04 |
| 1877 | 1.09E-04 | 8.25E-05 | 1.92E-04 |
| 1878 | 1.14E-04 | 8.68E-05 | 2.01E-04 |
| 1879 | 1.19E-04 | 9.15E-05 | 2.11E-04 |
| 1880 | 1.25E-04 | 9.67E-05 | 2.22E-04 |
| 1881 | 1.32E-04 | 1.02E-04 | 2.34E-04 |
| 1882 | 1.39E-04 | 1.08E-04 | 2.47E-04 |
| 1883 | 1.77E-04 | 1.49E-04 | 3.26E-04 |
| 1884 | 1.56E-04 | 1.32E-04 | 2.88E-04 |
| 1885 | 1.36E-04 | 1.17E-04 | 2.53E-04 |
| 1886 | 1.25E-04 | 1.07E-04 | 2.32E-04 |
| 1887 | 1.17E-04 | 9.98E-05 | 2.17E-04 |
| 1888 | 1.09E-04 | 9.31E-05 | 2.02E-04 |
| 1889 | 1.04E-04 | 8.81E-05 | 1.92E-04 |
| 1890 | 9.71E-05 | 8.24E-05 | 1.80E-04 |
| 1891 | 9.34E-05 | 7.90E-05 | 1.72E-04 |
| 1892 | 9.05E-05 | 7.63E-05 | 1.67E-04 |
| 1893 | 9.26E-05 | 6.92E-05 | 1.62E-04 |
| 1894 | 9.64E-05 | 7.25E-05 | 1.69E-04 |
| 1895 | 1.01E-04 | 7.62E-05 | 1.77E-04 |
| 1896 | 1.05E-04 | 8.00E-05 | 1.85E-04 |
| 1897 | 1.10E-04 | 8.43E-05 | 1.94E-04 |
| 1898 | 1.15E-04 | 8.88E-05 | 2.04E-04 |

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| 1899 | 1.21E-04 | 9.38E-05 | 2.15E-04 |
| 1900 | 1.27E-04 | 9.93E-05 | 2.26E-04 |
| 1901 | 1.34E-04 | 1.05E-04 | 2.39E-04 |
| 1902 | 1.41E-04 | 1.12E-04 | 2.53E-04 |
| 1903 | 1.78E-04 | 1.51E-04 | 3.29E-04 |
| 1904 | 1.58E-04 | 1.34E-04 | 2.92E-04 |
| 1905 | 1.42E-04 | 1.21E-04 | 2.63E-04 |
| 1906 | 1.27E-04 | 1.09E-04 | 2.36E-04 |
| 1907 | 1.16E-04 | 9.94E-05 | 2.15E-04 |
| 1908 | 1.09E-04 | 9.35E-05 | 2.03E-04 |
| 1909 | 1.03E-04 | 8.84E-05 | 1.91E-04 |
| 1910 | 9.84E-05 | 8.40E-05 | 1.82E-04 |
| 1911 | 9.49E-05 | 8.08E-05 | 1.76E-04 |
| 1912 | 9.15E-05 | 7.77E-05 | 1.69E-04 |
| 1913 | 9.32E-05 | 7.03E-05 | 1.64E-04 |
| 1914 | 9.70E-05 | 7.37E-05 | 1.71E-04 |
| 1915 | 1.01E-04 | 7.75E-05 | 1.79E-04 |
| 1916 | 1.06E-04 | 8.16E-05 | 1.88E-04 |
| 1917 | 1.11E-04 | 8.60E-05 | 1.97E-04 |
| 1918 | 1.17E-04 | 9.08E-05 | 2.08E-04 |
| 1919 | 1.23E-04 | 9.61E-05 | 2.19E-04 |
| 1920 | 1.29E-04 | 1.02E-04 | 2.31E-04 |
| 1921 | 1.36E-04 | 1.08E-04 | 2.44E-04 |
| 1922 | 1.44E-04 | 1.15E-04 | 2.59E-04 |
| 1923 | 1.75E-04 | 1.49E-04 | 3.24E-04 |
| 1924 | 1.60E-04 | 1.36E-04 | 2.96E-04 |
| 1925 | 1.47E-04 | 1.25E-04 | 2.72E-04 |
| 1926 | 1.32E-04 | 1.13E-04 | 2.45E-04 |
| 1927 | 1.17E-04 | 1.01E-04 | 2.18E-04 |
| 1928 | 1.08E-04 | 9.36E-05 | 2.02E-04 |
| 1929 | 1.02E-04 | 8.83E-05 | 1.90E-04 |
| 1930 | 9.89E-05 | 8.53E-05 | 1.84E-04 |
| 1931 | 9.55E-05 | 8.19E-05 | 1.77E-04 |
| 1932 | 9.17E-05 | 7.83E-05 | 1.70E-04 |
| 1933 | 9.38E-05 | 7.14E-05 | 1.65E-04 |
| 1934 | 9.77E-05 | 7.49E-05 | 1.73E-04 |
| 1935 | 1.02E-04 | 7.88E-05 | 1.81E-04 |
| 1936 | 1.07E-04 | 8.31E-05 | 1.90E-04 |
| 1937 | 1.12E-04 | 8.77E-05 | 2.00E-04 |
| 1938 | 1.18E-04 | 9.27E-05 | 2.11E-04 |
| 1939 | 1.24E-04 | 9.81E-05 | 2.22E-04 |
| 1940 | 1.31E-04 | 1.04E-04 | 2.35E-04 |
| 1941 | 1.38E-04 | 1.11E-04 | 2.49E-04 |
| 1942 | 1.47E-04 | 1.18E-04 | 2.65E-04 |
| 1943 | 1.72E-04 | 1.47E-04 | 3.19E-04 |
| 1944 | 1.62E-04 | 1.38E-04 | 3.00E-04 |
| 1945 | 1.44E-04 | 1.24E-04 | 2.68E-04 |
| 1946 | 1.29E-04 | 1.12E-04 | 2.41E-04 |
| 1947 | 1.14E-04 | 1.00E-04 | 2.14E-04 |
| 1948 | 1.06E-04 | 9.31E-05 | 1.99E-04 |

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| 1949 | 1.00E-04 | 8.78E-05 | 1.88E-04 |
| 1950 | 9.80E-05 | 8.49E-05 | 1.83E-04 |
| 1951 | 9.53E-05 | 8.17E-05 | 1.77E-04 |
| 1952 | 9.12E-05 | 7.76E-05 | 1.69E-04 |
| 1953 | 9.42E-05 | 7.23E-05 | 1.67E-04 |
| 1954 | 9.83E-05 | 7.59E-05 | 1.74E-04 |
| 1955 | 1.03E-04 | 8.00E-05 | 1.83E-04 |
| 1956 | 1.08E-04 | 8.43E-05 | 1.92E-04 |
| 1957 | 1.13E-04 | 8.91E-05 | 2.02E-04 |
| 1958 | 1.19E-04 | 9.43E-05 | 2.13E-04 |
| 1959 | 1.26E-04 | 1.00E-04 | 2.26E-04 |
| 1960 | 1.33E-04 | 1.06E-04 | 2.39E-04 |
| 1961 | 1.41E-04 | 1.13E-04 | 2.54E-04 |
| 1962 | 1.49E-04 | 1.21E-04 | 2.70E-04 |
| 1963 | 1.72E-04 | 1.48E-04 | 3.20E-04 |
| 1964 | 1.57E-04 | 1.36E-04 | 2.93E-04 |
| 1965 | 1.37E-04 | 1.20E-04 | 2.57E-04 |
| 1966 | 1.23E-04 | 1.09E-04 | 2.32E-04 |
| 1967 | 1.12E-04 | 9.88E-05 | 2.11E-04 |
| 1968 | 1.04E-04 | 9.14E-05 | 1.95E-04 |
| 1969 | 9.87E-05 | 8.60E-05 | 1.85E-04 |
| 1970 | 9.62E-05 | 8.26E-05 | 1.79E-04 |
| 1971 | 9.42E-05 | 7.98E-05 | 1.74E-04 |
| 1972 | 9.05E-05 | 7.58E-05 | 1.66E-04 |
| 1973 | 9.44E-05 | 7.31E-05 | 1.68E-04 |
| 1974 | 9.89E-05 | 7.70E-05 | 1.76E-04 |
| 1975 | 1.04E-04 | 8.11E-05 | 1.85E-04 |
| 1976 | 1.09E-04 | 8.56E-05 | 1.95E-04 |
| 1977 | 1.14E-04 | 9.05E-05 | 2.05E-04 |
| 1978 | 1.20E-04 | 9.59E-05 | 2.16E-04 |
| 1979 | 1.27E-04 | 1.02E-04 | 2.29E-04 |
| 1980 | 1.34E-04 | 1.08E-04 | 2.42E-04 |
| 1981 | 1.42E-04 | 1.16E-04 | 2.58E-04 |
| 1982 | 1.52E-04 | 1.24E-04 | 2.76E-04 |
| 1983 | 1.58E-04 | 1.40E-04 | 2.98E-04 |
| 1984 | 1.45E-04 | 1.28E-04 | 2.73E-04 |
| 1985 | 1.32E-04 | 1.16E-04 | 2.48E-04 |
| 1986 | 1.17E-04 | 1.04E-04 | 2.21E-04 |
| 1987 | 1.09E-04 | 9.55E-05 | 2.05E-04 |
| 1988 | 1.02E-04 | 8.82E-05 | 1.90E-04 |
| 1989 | 9.78E-05 | 8.34E-05 | 1.81E-04 |
| 1990 | 9.57E-05 | 8.04E-05 | 1.76E-04 |
| 1991 | 9.31E-05 | 7.73E-05 | 1.70E-04 |
| 1992 | 8.96E-05 | 7.37E-05 | 1.63E-04 |
| 1993 | 9.45E-05 | 7.37E-05 | 1.68E-04 |
| 1994 | 9.90E-05 | 7.76E-05 | 1.77E-04 |
| 1995 | 1.04E-04 | 8.18E-05 | 1.86E-04 |
| 1996 | 1.10E-04 | 8.69E-05 | 1.97E-04 |
| 1997 | 1.15E-04 | 9.20E-05 | 2.07E-04 |
| 1998 | 1.22E-04 | 9.75E-05 | 2.20E-04 |

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| 1999 | 1.28E-04 | 1.04E-04 | 2.32E-04 |
| 2000 | 1.36E-04 | 1.10E-04 | 2.46E-04 |
| 2001 | 1.44E-04 | 1.18E-04 | 2.62E-04 |
| 2002 | 1.53E-04 | 1.26E-04 | 2.79E-04 |
| 2003 | 1.46E-04 | 1.30E-04 | 2.76E-04 |
| 2004 | 1.34E-04 | 1.18E-04 | 2.52E-04 |
| 2005 | 1.23E-04 | 1.07E-04 | 2.30E-04 |
| 2006 | 1.15E-04 | 9.88E-05 | 2.14E-04 |
| 2007 | 1.07E-04 | 9.12E-05 | 1.98E-04 |
| 2008 | 1.01E-04 | 8.53E-05 | 1.86E-04 |
| 2009 | 9.51E-05 | 7.95E-05 | 1.75E-04 |
| 2010 | 9.40E-05 | 7.77E-05 | 1.72E-04 |
| 2011 | 9.14E-05 | 7.49E-05 | 1.66E-04 |
| 2012 | 8.92E-05 | 7.26E-05 | 1.62E-04 |
| 2013 | 9.49E-05 | 7.44E-05 | 1.69E-04 |
| 2014 | 9.94E-05 | 7.83E-05 | 1.78E-04 |
| 2015 | 1.05E-04 | 8.29E-05 | 1.88E-04 |
| 2016 | 1.11E-04 | 8.79E-05 | 1.99E-04 |
| 2017 | 1.16E-04 | 9.32E-05 | 2.09E-04 |
| 2018 | 1.23E-04 | 9.89E-05 | 2.22E-04 |
| 2019 | 1.30E-04 | 1.05E-04 | 2.35E-04 |
| 2020 | 1.37E-04 | 1.12E-04 | 2.49E-04 |
| 2021 | 1.46E-04 | 1.20E-04 | 2.66E-04 |
| 2022 | 1.55E-04 | 1.28E-04 | 2.83E-04 |
| 2023 | 1.38E-04 | 1.20E-04 | 2.58E-04 |
| 2024 | 1.27E-04 | 1.09E-04 | 2.36E-04 |
| 2025 | 1.19E-04 | 1.01E-04 | 2.20E-04 |
| 2026 | 1.11E-04 | 9.38E-05 | 2.05E-04 |
| 2027 | 1.07E-04 | 8.93E-05 | 1.96E-04 |
| 2028 | 9.95E-05 | 8.29E-05 | 1.82E-04 |
| 2029 | 9.32E-05 | 7.74E-05 | 1.71E-04 |
| 2030 | 9.11E-05 | 7.51E-05 | 1.66E-04 |
| 2031 | 8.63E-05 | 7.10E-05 | 1.57E-04 |
| 2032 | 8.66E-05 | 7.07E-05 | 1.57E-04 |
| 2033 | 9.53E-05 | 7.50E-05 | 1.70E-04 |
| 2034 | 9.99E-05 | 7.91E-05 | 1.79E-04 |
| 2035 | 1.05E-04 | 8.36E-05 | 1.89E-04 |
| 2036 | 1.11E-04 | 8.88E-05 | 2.00E-04 |
| 2037 | 1.17E-04 | 9.42E-05 | 2.11E-04 |
| 2038 | 1.24E-04 | 1.00E-04 | 2.24E-04 |
| 2039 | 1.31E-04 | 1.06E-04 | 2.37E-04 |
| 2040 | 1.39E-04 | 1.14E-04 | 2.53E-04 |
| 2041 | 1.47E-04 | 1.22E-04 | 2.69E-04 |
| 2042 | 1.57E-04 | 1.30E-04 | 2.87E-04 |
| 2043 | 1.32E-04 | 1.13E-04 | 2.45E-04 |
| 2044 | 1.22E-04 | 1.04E-04 | 2.26E-04 |
| 2045 | 1.14E-04 | 9.72E-05 | 2.11E-04 |
| 2046 | 1.09E-04 | 9.19E-05 | 2.01E-04 |
| 2047 | 1.07E-04 | 8.93E-05 | 1.96E-04 |
| 2048 | 9.78E-05 | 8.17E-05 | 1.80E-04 |

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| 2049 | 9.20E-05 | 7.66E-05 | 1.69E-04 |
| 2050 | 9.03E-05 | 7.47E-05 | 1.65E-04 |
| 2051 | 8.38E-05 | 6.92E-05 | 1.53E-04 |
| 2052 | 8.46E-05 | 6.92E-05 | 1.54E-04 |
| 2053 | 9.58E-05 | 7.56E-05 | 1.71E-04 |
| 2054 | 1.01E-04 | 7.98E-05 | 1.81E-04 |
| 2055 | 1.06E-04 | 8.43E-05 | 1.90E-04 |
| 2056 | 1.11E-04 | 8.92E-05 | 2.00E-04 |
| 2057 | 1.17E-04 | 9.46E-05 | 2.12E-04 |
| 2058 | 1.24E-04 | 1.00E-04 | 2.24E-04 |
| 2059 | 1.31E-04 | 1.07E-04 | 2.38E-04 |
| 2060 | 1.39E-04 | 1.14E-04 | 2.53E-04 |
| 2061 | 1.48E-04 | 1.22E-04 | 2.70E-04 |
| 2062 | 1.58E-04 | 1.31E-04 | 2.89E-04 |
| 2063 | 1.28E-04 | 1.10E-04 | 2.38E-04 |
| 2064 | 1.22E-04 | 1.04E-04 | 2.26E-04 |
| 2065 | 1.16E-04 | 9.79E-05 | 2.14E-04 |
| 2066 | 1.12E-04 | 9.40E-05 | 2.06E-04 |
| 2067 | 1.08E-04 | 9.03E-05 | 1.98E-04 |
| 2068 | 9.77E-05 | 8.14E-05 | 1.79E-04 |
| 2069 | 9.22E-05 | 7.65E-05 | 1.69E-04 |
| 2070 | 9.22E-05 | 7.58E-05 | 1.68E-04 |
| 2071 | 8.56E-05 | 7.02E-05 | 1.56E-04 |
| 2072 | 8.33E-05 | 6.79E-05 | 1.51E-04 |
| 2073 | 9.63E-05 | 7.62E-05 | 1.73E-04 |
| 2074 | 1.01E-04 | 8.04E-05 | 1.81E-04 |
| 2075 | 1.06E-04 | 8.48E-05 | 1.91E-04 |
| 2076 | 1.11E-04 | 8.97E-05 | 2.01E-04 |
| 2077 | 1.18E-04 | 9.53E-05 | 2.13E-04 |
| 2078 | 1.25E-04 | 1.02E-04 | 2.27E-04 |
| 2079 | 1.32E-04 | 1.08E-04 | 2.40E-04 |
| 2080 | 1.41E-04 | 1.16E-04 | 2.57E-04 |
| 2081 | 1.49E-04 | 1.24E-04 | 2.73E-04 |
| 2082 | 1.59E-04 | 1.33E-04 | 2.92E-04 |
| 2083 | 1.31E-04 | 1.11E-04 | 2.42E-04 |
| 2084 | 1.28E-04 | 1.08E-04 | 2.36E-04 |
| 2085 | 1.22E-04 | 1.02E-04 | 2.24E-04 |
| 2086 | 1.18E-04 | 9.80E-05 | 2.16E-04 |
| 2087 | 1.11E-04 | 9.19E-05 | 2.03E-04 |
| 2088 | 1.00E-04 | 8.23E-05 | 1.82E-04 |
| 2089 | 9.51E-05 | 7.80E-05 | 1.73E-04 |
| 2090 | 9.58E-05 | 7.80E-05 | 1.74E-04 |
| 2091 | 8.94E-05 | 7.25E-05 | 1.62E-04 |
| 2092 | 8.45E-05 | 6.83E-05 | 1.53E-04 |
| 2093 | 9.69E-05 | 7.67E-05 | 1.74E-04 |
| 2094 | 1.02E-04 | 8.10E-05 | 1.83E-04 |
| 2095 | 1.07E-04 | 8.56E-05 | 1.93E-04 |
| 2096 | 1.13E-04 | 9.06E-05 | 2.04E-04 |
| 2097 | 1.19E-04 | 9.62E-05 | 2.15E-04 |
| 2098 | 1.25E-04 | 1.02E-04 | 2.27E-04 |

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| 2099 | 1.33E-04 | 1.09E-04 | 2.42E-04 |
| 2100 | 1.41E-04 | 1.17E-04 | 2.58E-04 |
| 2101 | 1.51E-04 | 1.25E-04 | 2.76E-04 |
| 2102 | 1.61E-04 | 1.34E-04 | 2.95E-04 |
| 2103 | 1.35E-04 | 1.13E-04 | 2.48E-04 |
| 2104 | 1.31E-04 | 1.09E-04 | 2.40E-04 |
| 2105 | 1.31E-04 | 1.09E-04 | 2.40E-04 |
| 2106 | 1.30E-04 | 1.07E-04 | 2.37E-04 |
| 2107 | 1.16E-04 | 9.54E-05 | 2.11E-04 |
| 2108 | 1.08E-04 | 8.84E-05 | 1.96E-04 |
| 2109 | 1.05E-04 | 8.56E-05 | 1.91E-04 |
| 2110 | 1.01E-04 | 8.22E-05 | 1.83E-04 |
| 2111 | 9.38E-05 | 7.60E-05 | 1.70E-04 |
| 2112 | 8.76E-05 | 7.07E-05 | 1.58E-04 |
| 2113 | 9.69E-05 | 7.70E-05 | 1.74E-04 |
| 2114 | 1.02E-04 | 8.12E-05 | 1.83E-04 |
| 2115 | 1.07E-04 | 8.59E-05 | 1.93E-04 |
| 2116 | 1.13E-04 | 9.09E-05 | 2.04E-04 |
| 2117 | 1.19E-04 | 9.65E-05 | 2.16E-04 |
| 2118 | 1.26E-04 | 1.03E-04 | 2.29E-04 |
| 2119 | 1.33E-04 | 1.09E-04 | 2.42E-04 |
| 2120 | 1.42E-04 | 1.17E-04 | 2.59E-04 |
| 2121 | 1.51E-04 | 1.25E-04 | 2.76E-04 |
| 2122 | 1.61E-04 | 1.35E-04 | 2.96E-04 |
| 2123 | 1.39E-04 | 1.18E-04 | 2.57E-04 |
| 2124 | 1.31E-04 | 1.11E-04 | 2.42E-04 |
| 2125 | 1.32E-04 | 1.10E-04 | 2.42E-04 |
| 2126 | 1.40E-04 | 1.18E-04 | 2.58E-04 |
| 2127 | 1.28E-04 | 1.07E-04 | 2.35E-04 |
| 2128 | 1.20E-04 | 9.96E-05 | 2.20E-04 |
| 2129 | 1.15E-04 | 9.51E-05 | 2.10E-04 |
| 2130 | 1.07E-04 | 8.82E-05 | 1.95E-04 |
| 2131 | 9.89E-05 | 8.09E-05 | 1.80E-04 |
| 2132 | 9.19E-05 | 7.48E-05 | 1.67E-04 |
| 2133 | 9.68E-05 | 7.71E-05 | 1.74E-04 |
| 2134 | 1.02E-04 | 8.13E-05 | 1.83E-04 |
| 2135 | 1.07E-04 | 8.59E-05 | 1.93E-04 |
| 2136 | 1.13E-04 | 9.10E-05 | 2.04E-04 |
| 2137 | 1.19E-04 | 9.66E-05 | 2.16E-04 |
| 2138 | 1.26E-04 | 1.03E-04 | 2.29E-04 |
| 2139 | 1.33E-04 | 1.10E-04 | 2.43E-04 |
| 2140 | 1.42E-04 | 1.17E-04 | 2.59E-04 |
| 2141 | 1.51E-04 | 1.26E-04 | 2.77E-04 |
| 2142 | 1.62E-04 | 1.35E-04 | 2.97E-04 |
| 2143 | 1.51E-04 | 1.28E-04 | 2.79E-04 |
| 2144 | 1.38E-04 | 1.18E-04 | 2.56E-04 |
| 2145 | 1.39E-04 | 1.17E-04 | 2.56E-04 |
| 2146 | 1.50E-04 | 1.28E-04 | 2.78E-04 |
| 2147 | 1.47E-04 | 1.26E-04 | 2.73E-04 |
| 2148 | 1.35E-04 | 1.15E-04 | 2.50E-04 |

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| 2149 | 1.25E-04 | 1.05E-04 | 2.30E-04 |
| 2150 | 1.14E-04 | 9.46E-05 | 2.09E-04 |
| 2151 | 1.03E-04 | 8.49E-05 | 1.88E-04 |
| 2152 | 9.38E-05 | 7.70E-05 | 1.71E-04 |
| 2153 | 9.67E-05 | 7.71E-05 | 1.74E-04 |
| 2154 | 1.01E-04 | 8.12E-05 | 1.82E-04 |
| 2155 | 1.07E-04 | 8.58E-05 | 1.93E-04 |
| 2156 | 1.12E-04 | 9.09E-05 | 2.03E-04 |
| 2157 | 1.18E-04 | 9.64E-05 | 2.14E-04 |
| 2158 | 1.25E-04 | 1.03E-04 | 2.28E-04 |
| 2159 | 1.33E-04 | 1.09E-04 | 2.42E-04 |
| 2160 | 1.41E-04 | 1.17E-04 | 2.58E-04 |
| 2161 | 1.50E-04 | 1.25E-04 | 2.75E-04 |
| 2162 | 1.61E-04 | 1.35E-04 | 2.96E-04 |
| 2163 | 1.76E-04 | 1.51E-04 | 3.27E-04 |
| 2164 | 1.60E-04 | 1.37E-04 | 2.97E-04 |
| 2165 | 1.62E-04 | 1.39E-04 | 3.01E-04 |
| 2166 | 1.69E-04 | 1.47E-04 | 3.16E-04 |
| 2167 | 1.57E-04 | 1.36E-04 | 2.93E-04 |
| 2168 | 1.41E-04 | 1.20E-04 | 2.61E-04 |
| 2169 | 1.28E-04 | 1.08E-04 | 2.36E-04 |
| 2170 | 1.17E-04 | 9.78E-05 | 2.15E-04 |
| 2171 | 1.01E-04 | 8.34E-05 | 1.84E-04 |
| 2172 | 9.28E-05 | 7.64E-05 | 1.69E-04 |
| 2173 | 9.64E-05 | 7.69E-05 | 1.73E-04 |
| 2174 | 1.01E-04 | 8.11E-05 | 1.82E-04 |
| 2175 | 1.06E-04 | 8.56E-05 | 1.92E-04 |
| 2176 | 1.12E-04 | 9.06E-05 | 2.03E-04 |
| 2177 | 1.18E-04 | 9.61E-05 | 2.14E-04 |
| 2178 | 1.24E-04 | 1.02E-04 | 2.26E-04 |
| 2179 | 1.32E-04 | 1.09E-04 | 2.41E-04 |
| 2180 | 1.40E-04 | 1.16E-04 | 2.56E-04 |
| 2181 | 1.49E-04 | 1.25E-04 | 2.74E-04 |
| 2182 | 1.60E-04 | 1.34E-04 | 2.94E-04 |
| 2183 | 2.10E-04 | 1.86E-04 | 3.96E-04 |
| 2184 | 2.03E-04 | 1.80E-04 | 3.83E-04 |
| 2185 | 1.89E-04 | 1.66E-04 | 3.55E-04 |
| 2186 | 1.76E-04 | 1.53E-04 | 3.29E-04 |
| 2187 | 1.59E-04 | 1.37E-04 | 2.96E-04 |
| 2188 | 1.42E-04 | 1.21E-04 | 2.63E-04 |
| 2189 | 1.27E-04 | 1.07E-04 | 2.34E-04 |
| 2190 | 1.16E-04 | 9.70E-05 | 2.13E-04 |
| 2191 | 9.88E-05 | 8.17E-05 | 1.81E-04 |
| 2192 | 9.05E-05 | 7.47E-05 | 1.65E-04 |
| 2193 | 9.56E-05 | 7.66E-05 | 1.72E-04 |
| 2194 | 1.00E-04 | 8.08E-05 | 1.81E-04 |
| 2195 | 1.06E-04 | 8.53E-05 | 1.91E-04 |
| 2196 | 1.11E-04 | 9.02E-05 | 2.01E-04 |
| 2197 | 1.17E-04 | 9.56E-05 | 2.13E-04 |
| 2198 | 1.24E-04 | 1.02E-04 | 2.26E-04 |

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| 2199 | 1.31E-04 | 1.08E-04 | 2.39E-04 |
| 2200 | 1.39E-04 | 1.15E-04 | 2.54E-04 |
| 2201 | 1.48E-04 | 1.23E-04 | 2.71E-04 |
| 2202 | 1.58E-04 | 1.32E-04 | 2.90E-04 |
| 2203 | 2.22E-04 | 1.94E-04 | 4.16E-04 |
| 2204 | 2.05E-04 | 1.80E-04 | 3.85E-04 |
| 2205 | 1.87E-04 | 1.64E-04 | 3.51E-04 |
| 2206 | 1.75E-04 | 1.53E-04 | 3.28E-04 |
| 2207 | 1.62E-04 | 1.40E-04 | 3.02E-04 |
| 2208 | 1.42E-04 | 1.21E-04 | 2.63E-04 |
| 2209 | 1.23E-04 | 1.04E-04 | 2.27E-04 |
| 2210 | 1.13E-04 | 9.50E-05 | 2.08E-04 |
| 2211 | 9.96E-05 | 8.28E-05 | 1.82E-04 |
| 2212 | 9.06E-05 | 7.50E-05 | 1.66E-04 |
| 2213 | 9.48E-05 | 7.61E-05 | 1.71E-04 |
| 2214 | 9.95E-05 | 8.02E-05 | 1.80E-04 |
| 2215 | 1.04E-04 | 8.46E-05 | 1.89E-04 |
| 2216 | 1.10E-04 | 8.94E-05 | 1.99E-04 |
| 2217 | 1.16E-04 | 9.48E-05 | 2.11E-04 |
| 2218 | 1.22E-04 | 1.01E-04 | 2.23E-04 |
| 2219 | 1.29E-04 | 1.07E-04 | 2.36E-04 |
| 2220 | 1.37E-04 | 1.14E-04 | 2.51E-04 |
| 2221 | 1.46E-04 | 1.22E-04 | 2.68E-04 |
| 2222 | 1.55E-04 | 1.31E-04 | 2.86E-04 |
| 2223 | 2.16E-04 | 1.88E-04 | 4.04E-04 |
| 2224 | 2.02E-04 | 1.75E-04 | 3.77E-04 |
| 2225 | 1.88E-04 | 1.63E-04 | 3.51E-04 |
| 2226 | 1.72E-04 | 1.49E-04 | 3.21E-04 |
| 2227 | 1.55E-04 | 1.34E-04 | 2.89E-04 |
| 2228 | 1.32E-04 | 1.13E-04 | 2.45E-04 |
| 2229 | 1.18E-04 | 9.94E-05 | 2.17E-04 |
| 2230 | 1.08E-04 | 9.07E-05 | 1.99E-04 |
| 2231 | 9.54E-05 | 7.95E-05 | 1.75E-04 |
| 2232 | 8.92E-05 | 7.41E-05 | 1.63E-04 |
| 2233 | 9.41E-05 | 7.55E-05 | 1.70E-04 |
| 2234 | 9.86E-05 | 7.96E-05 | 1.78E-04 |
| 2235 | 1.03E-04 | 8.38E-05 | 1.87E-04 |
| 2236 | 1.08E-04 | 8.85E-05 | 1.97E-04 |
| 2237 | 1.14E-04 | 9.36E-05 | 2.08E-04 |
| 2238 | 1.20E-04 | 9.93E-05 | 2.19E-04 |
| 2239 | 1.27E-04 | 1.06E-04 | 2.33E-04 |
| 2240 | 1.35E-04 | 1.12E-04 | 2.47E-04 |
| 2241 | 1.43E-04 | 1.20E-04 | 2.63E-04 |
| 2242 | 1.52E-04 | 1.28E-04 | 2.80E-04 |
| 2243 | 2.11E-04 | 1.81E-04 | 3.92E-04 |
| 2244 | 1.97E-04 | 1.69E-04 | 3.66E-04 |
| 2245 | 1.84E-04 | 1.58E-04 | 3.42E-04 |
| 2246 | 1.66E-04 | 1.42E-04 | 3.08E-04 |
| 2247 | 1.40E-04 | 1.19E-04 | 2.59E-04 |
| 2248 | 1.21E-04 | 1.01E-04 | 2.22E-04 |

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| 2249 | 1.13E-04 | 9.42E-05 | 2.07E-04 |
| 2250 | 1.05E-04 | 8.75E-05 | 1.93E-04 |
| 2251 | 9.23E-05 | 7.67E-05 | 1.69E-04 |
| 2252 | 8.55E-05 | 7.11E-05 | 1.57E-04 |
| 2253 | 9.30E-05 | 7.48E-05 | 1.68E-04 |
| 2254 | 9.74E-05 | 7.87E-05 | 1.76E-04 |
| 2255 | 1.02E-04 | 8.29E-05 | 1.85E-04 |
| 2256 | 1.07E-04 | 8.75E-05 | 1.95E-04 |
| 2257 | 1.12E-04 | 9.24E-05 | 2.04E-04 |
| 2258 | 1.18E-04 | 9.78E-05 | 2.16E-04 |
| 2259 | 1.25E-04 | 1.04E-04 | 2.29E-04 |
| 2260 | 1.32E-04 | 1.10E-04 | 2.42E-04 |
| 2261 | 1.40E-04 | 1.18E-04 | 2.58E-04 |
| 2262 | 1.49E-04 | 1.26E-04 | 2.75E-04 |
| 2263 | 2.07E-04 | 1.73E-04 | 3.80E-04 |
| 2264 | 1.92E-04 | 1.63E-04 | 3.55E-04 |
| 2265 | 1.77E-04 | 1.50E-04 | 3.27E-04 |
| 2266 | 1.54E-04 | 1.30E-04 | 2.84E-04 |
| 2267 | 1.24E-04 | 1.02E-04 | 2.26E-04 |
| 2268 | 1.06E-04 | 8.74E-05 | 1.93E-04 |
| 2269 | 1.02E-04 | 8.38E-05 | 1.86E-04 |
| 2270 | 9.72E-05 | 8.01E-05 | 1.77E-04 |
| 2271 | 8.79E-05 | 7.25E-05 | 1.60E-04 |
| 2272 | 8.22E-05 | 6.78E-05 | 1.50E-04 |
| 2273 | 9.18E-05 | 7.39E-05 | 1.66E-04 |
| 2274 | 9.59E-05 | 7.77E-05 | 1.74E-04 |
| 2275 | 1.00E-04 | 8.18E-05 | 1.82E-04 |
| 2276 | 1.05E-04 | 8.62E-05 | 1.91E-04 |
| 2277 | 1.11E-04 | 9.10E-05 | 2.02E-04 |
| 2278 | 1.16E-04 | 9.62E-05 | 2.12E-04 |
| 2279 | 1.23E-04 | 1.02E-04 | 2.25E-04 |
| 2280 | 1.29E-04 | 1.08E-04 | 2.37E-04 |
| 2281 | 1.37E-04 | 1.15E-04 | 2.52E-04 |
| 2282 | 1.45E-04 | 1.23E-04 | 2.68E-04 |
| 2283 | 2.03E-04 | 1.67E-04 | 3.70E-04 |
| 2284 | 1.87E-04 | 1.55E-04 | 3.42E-04 |
| 2285 | 1.73E-04 | 1.44E-04 | 3.17E-04 |
| 2286 | 1.45E-04 | 1.20E-04 | 2.65E-04 |
| 2287 | 1.16E-04 | 9.47E-05 | 2.11E-04 |
| 2288 | 9.98E-05 | 8.12E-05 | 1.81E-04 |
| 2289 | 9.10E-05 | 7.42E-05 | 1.65E-04 |
| 2290 | 8.88E-05 | 7.23E-05 | 1.61E-04 |
| 2291 | 8.35E-05 | 6.80E-05 | 1.52E-04 |
| 2292 | 8.00E-05 | 6.52E-05 | 1.45E-04 |
| 2293 | 9.03E-05 | 7.29E-05 | 1.63E-04 |
| 2294 | 9.43E-05 | 7.65E-05 | 1.71E-04 |
| 2295 | 9.86E-05 | 8.05E-05 | 1.79E-04 |
| 2296 | 1.03E-04 | 8.47E-05 | 1.88E-04 |
| 2297 | 1.08E-04 | 8.93E-05 | 1.97E-04 |
| 2298 | 1.14E-04 | 9.43E-05 | 2.08E-04 |

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| 2299 | 1.20E-04 | 9.98E-05 | 2.20E-04 |
| 2300 | 1.26E-04 | 1.06E-04 | 2.32E-04 |
| 2301 | 1.33E-04 | 1.12E-04 | 2.45E-04 |
| 2302 | 1.41E-04 | 1.19E-04 | 2.60E-04 |
| 2303 | 2.01E-04 | 1.60E-04 | 3.61E-04 |
| 2304 | 1.84E-04 | 1.49E-04 | 3.33E-04 |
| 2305 | 1.70E-04 | 1.40E-04 | 3.10E-04 |
| 2306 | 1.45E-04 | 1.19E-04 | 2.64E-04 |
| 2307 | 1.17E-04 | 9.46E-05 | 2.12E-04 |
| 2308 | 9.71E-05 | 7.81E-05 | 1.75E-04 |
| 2309 | 8.72E-05 | 7.02E-05 | 1.57E-04 |
| 2310 | 8.46E-05 | 6.81E-05 | 1.53E-04 |
| 2311 | 8.06E-05 | 6.49E-05 | 1.46E-04 |
| 2312 | 7.81E-05 | 6.28E-05 | 1.41E-04 |
| 2313 | 8.87E-05 | 7.17E-05 | 1.60E-04 |
| 2314 | 9.26E-05 | 7.53E-05 | 1.68E-04 |
| 2315 | 9.66E-05 | 7.90E-05 | 1.76E-04 |
| 2316 | 1.01E-04 | 8.31E-05 | 1.84E-04 |
| 2317 | 1.06E-04 | 8.75E-05 | 1.94E-04 |
| 2318 | 1.11E-04 | 9.23E-05 | 2.03E-04 |
| 2319 | 1.17E-04 | 9.75E-05 | 2.15E-04 |
| 2320 | 1.23E-04 | 1.03E-04 | 2.26E-04 |
| 2321 | 1.30E-04 | 1.09E-04 | 2.39E-04 |
| 2322 | 1.37E-04 | 1.16E-04 | 2.53E-04 |
| 2323 | 1.82E-04 | 1.43E-04 | 3.25E-04 |
| 2324 | 1.68E-04 | 1.35E-04 | 3.03E-04 |
| 2325 | 1.51E-04 | 1.22E-04 | 2.73E-04 |
| 2326 | 1.16E-04 | 9.37E-05 | 2.10E-04 |
| 2327 | 9.82E-05 | 7.83E-05 | 1.77E-04 |
| 2328 | 8.80E-05 | 7.01E-05 | 1.58E-04 |
| 2329 | 8.73E-05 | 6.95E-05 | 1.57E-04 |
| 2330 | 8.33E-05 | 6.62E-05 | 1.50E-04 |
| 2331 | 7.89E-05 | 6.27E-05 | 1.42E-04 |
| 2332 | 8.70E-05 | 7.05E-05 | 1.58E-04 |
| 2333 | 9.07E-05 | 7.39E-05 | 1.65E-04 |
| 2334 | 9.46E-05 | 7.75E-05 | 1.72E-04 |
| 2335 | 9.89E-05 | 8.14E-05 | 1.80E-04 |
| 2336 | 1.03E-04 | 8.56E-05 | 1.89E-04 |
| 2337 | 1.08E-04 | 9.02E-05 | 1.98E-04 |
| 2338 | 1.14E-04 | 9.51E-05 | 2.09E-04 |
| 2339 | 1.20E-04 | 1.00E-04 | 2.20E-04 |
| 2340 | 1.26E-04 | 1.06E-04 | 2.32E-04 |
| 2341 | 1.33E-04 | 1.13E-04 | 2.46E-04 |
| 2342 | 1.68E-04 | 1.30E-04 | 2.98E-04 |
| 2343 | 1.51E-04 | 1.19E-04 | 2.70E-04 |
| 2344 | 1.22E-04 | 9.74E-05 | 2.19E-04 |
| 2345 | 1.00E-04 | 7.93E-05 | 1.79E-04 |
| 2346 | 9.19E-05 | 7.25E-05 | 1.64E-04 |
| 2347 | 9.22E-05 | 7.29E-05 | 1.65E-04 |
| 2348 | 8.86E-05 | 7.00E-05 | 1.59E-04 |

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| 2349 | 8.27E-05 | 6.51E-05 | 1.48E-04 |
| 2350 | 8.52E-05 | 6.92E-05 | 1.54E-04 |
| 2351 | 8.87E-05 | 7.25E-05 | 1.61E-04 |
| 2352 | 9.26E-05 | 7.59E-05 | 1.69E-04 |
| 2353 | 9.66E-05 | 7.96E-05 | 1.76E-04 |
| 2354 | 1.01E-04 | 8.36E-05 | 1.85E-04 |
| 2355 | 1.06E-04 | 8.80E-05 | 1.94E-04 |
| 2356 | 1.11E-04 | 9.26E-05 | 2.04E-04 |
| 2357 | 1.16E-04 | 9.77E-05 | 2.14E-04 |
| 2358 | 1.22E-04 | 1.03E-04 | 2.25E-04 |
| 2359 | 1.28E-04 | 1.09E-04 | 2.37E-04 |
| 2360 | 1.56E-04 | 1.17E-04 | 2.73E-04 |
| 2361 | 1.38E-04 | 1.07E-04 | 2.45E-04 |
| 2362 | 1.08E-04 | 8.49E-05 | 1.93E-04 |
| 2363 | 1.01E-04 | 7.98E-05 | 1.81E-04 |
| 2364 | 1.01E-04 | 7.95E-05 | 1.81E-04 |
| 2365 | 1.01E-04 | 7.94E-05 | 1.80E-04 |
| 2366 | 9.31E-05 | 7.33E-05 | 1.66E-04 |
| 2367 | 8.33E-05 | 6.79E-05 | 1.51E-04 |
| 2368 | 8.68E-05 | 7.10E-05 | 1.58E-04 |
| 2369 | 9.04E-05 | 7.43E-05 | 1.65E-04 |
| 2370 | 9.42E-05 | 7.78E-05 | 1.72E-04 |
| 2371 | 9.83E-05 | 8.16E-05 | 1.80E-04 |
| 2372 | 1.03E-04 | 8.57E-05 | 1.89E-04 |
| 2373 | 1.08E-04 | 9.01E-05 | 1.98E-04 |
| 2374 | 1.13E-04 | 9.49E-05 | 2.08E-04 |
| 2375 | 1.18E-04 | 1.00E-04 | 2.18E-04 |
| 2376 | 1.24E-04 | 1.06E-04 | 2.30E-04 |
| 2377 | 1.32E-04 | 9.87E-05 | 2.31E-04 |
| 2378 | 1.19E-04 | 9.13E-05 | 2.10E-04 |
| 2379 | 1.18E-04 | 8.98E-05 | 2.08E-04 |
| 2380 | 1.15E-04 | 8.73E-05 | 2.02E-04 |
| 2381 | 1.01E-04 | 7.83E-05 | 1.79E-04 |
| 2382 | 8.14E-05 | 6.65E-05 | 1.48E-04 |
| 2383 | 8.48E-05 | 6.94E-05 | 1.54E-04 |
| 2384 | 8.81E-05 | 7.26E-05 | 1.61E-04 |
| 2385 | 9.18E-05 | 7.59E-05 | 1.68E-04 |
| 2386 | 9.57E-05 | 7.96E-05 | 1.75E-04 |
| 2387 | 9.98E-05 | 8.34E-05 | 1.83E-04 |
| 2388 | 1.04E-04 | 8.76E-05 | 1.92E-04 |
| 2389 | 1.09E-04 | 9.21E-05 | 2.01E-04 |
| 2390 | 1.15E-04 | 9.70E-05 | 2.12E-04 |
| 2391 | 1.20E-04 | 1.02E-04 | 2.22E-04 |
| 2392 | 1.26E-04 | 8.96E-05 | 2.16E-04 |
| 2393 | 1.20E-04 | 8.56E-05 | 2.06E-04 |
| 2394 | 1.14E-04 | 8.16E-05 | 1.96E-04 |
| 2395 | 7.96E-05 | 6.50E-05 | 1.45E-04 |
| 2396 | 8.27E-05 | 6.79E-05 | 1.51E-04 |
| 2397 | 8.59E-05 | 7.09E-05 | 1.57E-04 |
| 2398 | 8.94E-05 | 7.41E-05 | 1.64E-04 |

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| 2399 | 9.31E-05 | 7.75E-05 | 1.71E-04 |
| 2400 | 9.71E-05 | 8.12E-05 | 1.78E-04 |
| 2401 | 1.01E-04 | 8.51E-05 | 1.86E-04 |
| 2402 | 1.06E-04 | 8.94E-05 | 1.95E-04 |
| 2403 | 1.11E-04 | 9.39E-05 | 2.05E-04 |
| 2404 | 1.16E-04 | 9.89E-05 | 2.15E-04 |
| 2405 | 8.04E-05 | 6.51E-05 | 1.46E-04 |
| 2406 | 8.06E-05 | 6.63E-05 | 1.47E-04 |
| 2407 | 8.37E-05 | 6.92E-05 | 1.53E-04 |
| 2408 | 8.74E-05 | 7.24E-05 | 1.60E-04 |
| 2409 | 9.05E-05 | 7.56E-05 | 1.66E-04 |
| 2410 | 9.44E-05 | 7.91E-05 | 1.74E-04 |
| 2411 | 9.97E-05 | 8.33E-05 | 1.83E-04 |
| 2412 | 1.03E-04 | 8.67E-05 | 1.90E-04 |
| 2413 | 1.07E-04 | 9.10E-05 | 1.98E-04 |
| 2414 | 1.12E-04 | 9.55E-05 | 2.08E-04 |
| 2415 | 7.89E-05 | 6.46E-05 | 1.44E-04 |
| 2416 | 7.86E-05 | 6.48E-05 | 1.43E-04 |
| 2417 | 8.33E-05 | 6.83E-05 | 1.52E-04 |
| 2418 | 8.63E-05 | 7.15E-05 | 1.58E-04 |
| 2419 | 8.96E-05 | 7.46E-05 | 1.64E-04 |
| 2420 | 9.28E-05 | 7.76E-05 | 1.70E-04 |
| 2421 | 9.62E-05 | 8.07E-05 | 1.77E-04 |
| 2422 | 1.00E-04 | 8.42E-05 | 1.84E-04 |
| 2423 | 1.04E-04 | 8.81E-05 | 1.92E-04 |
| 2424 | 1.08E-04 | 9.23E-05 | 2.00E-04 |
| 2425 | 7.63E-05 | 6.26E-05 | 1.39E-04 |
| 2426 | 7.81E-05 | 6.40E-05 | 1.42E-04 |
| 2427 | 8.09E-05 | 6.68E-05 | 1.48E-04 |
| 2428 | 8.38E-05 | 6.97E-05 | 1.54E-04 |
| 2429 | 8.66E-05 | 7.24E-05 | 1.59E-04 |
| 2430 | 8.95E-05 | 7.51E-05 | 1.65E-04 |
| 2431 | 9.28E-05 | 7.79E-05 | 1.71E-04 |
| 2432 | 9.66E-05 | 8.12E-05 | 1.78E-04 |
| 2433 | 1.00E-04 | 8.48E-05 | 1.85E-04 |
| 2434 | 1.04E-04 | 8.87E-05 | 1.93E-04 |
| 2435 | 7.40E-05 | 6.11E-05 | 1.35E-04 |
| 2436 | 7.59E-05 | 6.25E-05 | 1.38E-04 |
| 2437 | 7.84E-05 | 6.49E-05 | 1.43E-04 |
| 2438 | 8.10E-05 | 6.74E-05 | 1.48E-04 |
| 2439 | 8.36E-05 | 6.98E-05 | 1.53E-04 |
| 2440 | 8.64E-05 | 7.24E-05 | 1.59E-04 |
| 2441 | 8.93E-05 | 7.51E-05 | 1.64E-04 |
| 2442 | 9.26E-05 | 7.81E-05 | 1.71E-04 |
| 2443 | 9.60E-05 | 8.13E-05 | 1.77E-04 |
| 2444 | 9.98E-05 | 8.49E-05 | 1.85E-04 |
| 2445 | 1.25E-04 | 1.04E-04 | 2.29E-04 |
| 2446 | 7.16E-05 | 5.91E-05 | 1.31E-04 |
| 2447 | 7.37E-05 | 6.10E-05 | 1.35E-04 |
| 2448 | 7.60E-05 | 6.30E-05 | 1.39E-04 |

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| 2449 | 7.83E-05 | 6.52E-05 | 1.44E-04 |
| 2450 | 8.07E-05 | 6.74E-05 | 1.48E-04 |
| 2451 | 8.31E-05 | 6.96E-05 | 1.53E-04 |
| 2452 | 8.62E-05 | 7.24E-05 | 1.59E-04 |
| 2453 | 8.93E-05 | 7.52E-05 | 1.65E-04 |
| 2454 | 9.26E-05 | 7.83E-05 | 1.71E-04 |
| 2455 | 9.57E-05 | 8.12E-05 | 1.77E-04 |
| 2456 | 1.22E-04 | 1.02E-04 | 2.24E-04 |
| 2457 | 1.17E-04 | 9.69E-05 | 2.14E-04 |
| 2458 | 1.13E-04 | 9.32E-05 | 2.06E-04 |
| 2459 | 1.09E-04 | 8.88E-05 | 1.98E-04 |
| 2460 | 6.92E-05 | 5.72E-05 | 1.26E-04 |
| 2461 | 7.14E-05 | 5.91E-05 | 1.31E-04 |
| 2462 | 7.35E-05 | 6.09E-05 | 1.34E-04 |
| 2463 | 7.57E-05 | 6.30E-05 | 1.39E-04 |
| 2464 | 7.80E-05 | 6.51E-05 | 1.43E-04 |
| 2465 | 8.04E-05 | 6.72E-05 | 1.48E-04 |
| 2466 | 8.32E-05 | 6.98E-05 | 1.53E-04 |
| 2467 | 8.60E-05 | 7.24E-05 | 1.58E-04 |
| 2468 | 8.89E-05 | 7.51E-05 | 1.64E-04 |
| 2469 | 9.18E-05 | 7.78E-05 | 1.70E-04 |
| 2470 | 9.51E-05 | 8.07E-05 | 1.76E-04 |
| 2471 | 9.87E-05 | 8.41E-05 | 1.83E-04 |
| 2472 | 1.03E-04 | 8.76E-05 | 1.91E-04 |
| 2473 | 1.07E-04 | 9.14E-05 | 1.98E-04 |
| 2474 | 1.11E-04 | 9.52E-05 | 2.06E-04 |
| 2475 | 1.15E-04 | 9.90E-05 | 2.14E-04 |
| 2476 | 1.20E-04 | 1.03E-04 | 2.23E-04 |
| 2477 | 1.24E-04 | 1.07E-04 | 2.31E-04 |
| 2478 | 1.30E-04 | 1.13E-04 | 2.43E-04 |
| 2479 | 1.34E-04 | 1.16E-04 | 2.50E-04 |
| 2480 | 1.37E-04 | 1.18E-04 | 2.55E-04 |
| 2481 | 1.41E-04 | 1.22E-04 | 2.63E-04 |
| 2482 | 1.45E-04 | 1.26E-04 | 2.71E-04 |
| 2483 | 1.49E-04 | 1.30E-04 | 2.79E-04 |
| 2484 | 1.54E-04 | 1.33E-04 | 2.87E-04 |
| 2485 | 1.59E-04 | 1.38E-04 | 2.97E-04 |
| 2486 | 1.63E-04 | 1.42E-04 | 3.05E-04 |
| 2487 | 1.65E-04 | 1.43E-04 | 3.08E-04 |
| 2488 | 1.66E-04 | 1.44E-04 | 3.10E-04 |
| 2489 | 1.68E-04 | 1.46E-04 | 3.14E-04 |
| 2490 | 1.70E-04 | 1.48E-04 | 3.18E-04 |
| 2491 | 1.73E-04 | 1.50E-04 | 3.23E-04 |
| 2492 | 1.75E-04 | 1.52E-04 | 3.27E-04 |
| 2493 | 1.75E-04 | 1.52E-04 | 3.27E-04 |
| 2494 | 1.78E-04 | 1.54E-04 | 3.32E-04 |
| 2495 | 1.80E-04 | 1.56E-04 | 3.36E-04 |
| 2496 | 1.76E-04 | 1.52E-04 | 3.28E-04 |
| 2497 | 1.69E-04 | 1.45E-04 | 3.14E-04 |
| 2498 | 1.64E-04 | 1.41E-04 | 3.05E-04 |

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| 2499 | 1.63E-04 | 1.39E-04 | 3.02E-04 |
| 2500 | 1.58E-04 | 1.36E-04 | 2.94E-04 |
| 2501 | 1.54E-04 | 1.32E-04 | 2.86E-04 |
| 2502 | 1.50E-04 | 1.29E-04 | 2.79E-04 |
| 2503 | 1.46E-04 | 1.25E-04 | 2.71E-04 |
| 2504 | 1.42E-04 | 1.22E-04 | 2.64E-04 |
| 2505 | 1.38E-04 | 1.18E-04 | 2.56E-04 |
| 2506 | 1.34E-04 | 1.14E-04 | 2.48E-04 |
| 2507 | 1.31E-04 | 1.11E-04 | 2.42E-04 |
| 2508 | 1.28E-04 | 1.07E-04 | 2.35E-04 |
| 2509 | 1.24E-04 | 1.04E-04 | 2.28E-04 |
| 2510 | 1.22E-04 | 1.02E-04 | 2.24E-04 |
| 2511 | 1.18E-04 | 9.82E-05 | 2.16E-04 |
| 2512 | 1.14E-04 | 9.44E-05 | 2.08E-04 |
| 2513 | 1.10E-04 | 9.05E-05 | 2.01E-04 |
| 2514 | 1.05E-04 | 8.58E-05 | 1.91E-04 |
| 2515 | 1.02E-04 | 8.25E-05 | 1.85E-04 |
| 2516 | 9.85E-05 | 7.95E-05 | 1.78E-04 |
| 2517 | 9.52E-05 | 7.60E-05 | 1.71E-04 |
| 2518 | 9.20E-05 | 7.28E-05 | 1.65E-04 |
| 2519 | 8.90E-05 | 6.97E-05 | 1.59E-04 |
| 2520 | 8.61E-05 | 6.69E-05 | 1.53E-04 |
| 2521 | 6.65E-05 | 5.49E-05 | 1.21E-04 |
| 2522 | 6.92E-05 | 5.71E-05 | 1.26E-04 |
| 2523 | 7.12E-05 | 5.89E-05 | 1.30E-04 |
| 2524 | 7.32E-05 | 6.08E-05 | 1.34E-04 |
| 2525 | 7.53E-05 | 6.28E-05 | 1.38E-04 |
| 2526 | 7.77E-05 | 6.49E-05 | 1.43E-04 |
| 2527 | 8.04E-05 | 6.74E-05 | 1.48E-04 |
| 2528 | 8.31E-05 | 6.98E-05 | 1.53E-04 |
| 2529 | 8.57E-05 | 7.23E-05 | 1.58E-04 |
| 2530 | 8.85E-05 | 7.48E-05 | 1.63E-04 |
| 2531 | 9.15E-05 | 7.76E-05 | 1.69E-04 |
| 2532 | 9.50E-05 | 8.08E-05 | 1.76E-04 |
| 2533 | 9.86E-05 | 8.40E-05 | 1.83E-04 |
| 2534 | 1.02E-04 | 8.74E-05 | 1.89E-04 |
| 2535 | 1.06E-04 | 9.08E-05 | 1.97E-04 |
| 2536 | 1.10E-04 | 9.42E-05 | 2.04E-04 |
| 2537 | 1.14E-04 | 9.77E-05 | 2.12E-04 |
| 2538 | 1.18E-04 | 1.02E-04 | 2.20E-04 |
| 2539 | 1.23E-04 | 1.06E-04 | 2.29E-04 |
| 2540 | 1.27E-04 | 1.10E-04 | 2.37E-04 |
| 2541 | 1.29E-04 | 1.12E-04 | 2.41E-04 |
| 2542 | 1.33E-04 | 1.15E-04 | 2.48E-04 |
| 2543 | 1.37E-04 | 1.19E-04 | 2.56E-04 |
| 2544 | 1.41E-04 | 1.23E-04 | 2.64E-04 |
| 2545 | 1.46E-04 | 1.26E-04 | 2.72E-04 |
| 2546 | 1.50E-04 | 1.31E-04 | 2.81E-04 |
| 2547 | 1.55E-04 | 1.34E-04 | 2.89E-04 |
| 2548 | 1.56E-04 | 1.36E-04 | 2.92E-04 |

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| 2549 | 1.56E-04 | 1.35E-04 | 2.91E-04 |
| 2550 | 1.57E-04 | 1.36E-04 | 2.93E-04 |
| 2551 | 1.59E-04 | 1.38E-04 | 2.97E-04 |
| 2552 | 1.60E-04 | 1.39E-04 | 2.99E-04 |
| 2553 | 1.61E-04 | 1.40E-04 | 3.01E-04 |
| 2554 | 1.63E-04 | 1.41E-04 | 3.04E-04 |
| 2555 | 1.65E-04 | 1.43E-04 | 3.08E-04 |
| 2556 | 1.67E-04 | 1.45E-04 | 3.12E-04 |
| 2557 | 1.59E-04 | 1.37E-04 | 2.96E-04 |
| 2558 | 1.57E-04 | 1.34E-04 | 2.91E-04 |
| 2559 | 1.55E-04 | 1.32E-04 | 2.87E-04 |
| 2560 | 1.54E-04 | 1.31E-04 | 2.85E-04 |
| 2561 | 1.49E-04 | 1.27E-04 | 2.76E-04 |
| 2562 | 1.45E-04 | 1.24E-04 | 2.69E-04 |
| 2563 | 1.41E-04 | 1.21E-04 | 2.62E-04 |
| 2564 | 1.38E-04 | 1.18E-04 | 2.56E-04 |
| 2565 | 1.34E-04 | 1.15E-04 | 2.49E-04 |
| 2566 | 1.31E-04 | 1.11E-04 | 2.42E-04 |
| 2567 | 1.27E-04 | 1.08E-04 | 2.35E-04 |
| 2568 | 1.24E-04 | 1.04E-04 | 2.28E-04 |
| 2569 | 1.22E-04 | 1.02E-04 | 2.24E-04 |
| 2570 | 1.18E-04 | 9.91E-05 | 2.17E-04 |
| 2571 | 1.15E-04 | 9.64E-05 | 2.11E-04 |
| 2572 | 1.13E-04 | 9.40E-05 | 2.07E-04 |
| 2573 | 1.09E-04 | 9.11E-05 | 2.00E-04 |
| 2574 | 1.05E-04 | 8.72E-05 | 1.92E-04 |
| 2575 | 1.01E-04 | 8.24E-05 | 1.83E-04 |
| 2576 | 9.82E-05 | 8.01E-05 | 1.78E-04 |
| 2577 | 9.51E-05 | 7.72E-05 | 1.72E-04 |
| 2578 | 9.19E-05 | 7.40E-05 | 1.66E-04 |
| 2579 | 8.93E-05 | 7.15E-05 | 1.61E-04 |
| 2580 | 8.58E-05 | 6.80E-05 | 1.54E-04 |
| 2581 | 8.33E-05 | 6.55E-05 | 1.49E-04 |
| 2582 | 6.38E-05 | 5.24E-05 | 1.16E-04 |
| 2583 | 6.65E-05 | 5.49E-05 | 1.21E-04 |
| 2584 | 6.86E-05 | 5.68E-05 | 1.25E-04 |
| 2585 | 7.08E-05 | 5.88E-05 | 1.30E-04 |
| 2586 | 7.23E-05 | 6.01E-05 | 1.32E-04 |
| 2587 | 7.44E-05 | 6.21E-05 | 1.37E-04 |
| 2588 | 7.68E-05 | 6.42E-05 | 1.41E-04 |
| 2589 | 8.00E-05 | 6.72E-05 | 1.47E-04 |
| 2590 | 8.29E-05 | 6.98E-05 | 1.53E-04 |
| 2591 | 8.54E-05 | 7.21E-05 | 1.58E-04 |
| 2592 | 8.82E-05 | 7.46E-05 | 1.63E-04 |
| 2593 | 9.12E-05 | 7.74E-05 | 1.69E-04 |
| 2594 | 9.44E-05 | 8.02E-05 | 1.75E-04 |
| 2595 | 9.76E-05 | 8.31E-05 | 1.81E-04 |
| 2596 | 1.01E-04 | 8.62E-05 | 1.87E-04 |
| 2597 | 1.05E-04 | 8.93E-05 | 1.94E-04 |
| 2598 | 1.08E-04 | 9.25E-05 | 2.01E-04 |

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| 2599 | 1.12E-04 | 9.58E-05 | 2.08E-04 |
| 2600 | 1.15E-04 | 9.91E-05 | 2.14E-04 |
| 2601 | 1.19E-04 | 1.02E-04 | 2.21E-04 |
| 2602 | 1.23E-04 | 1.06E-04 | 2.29E-04 |
| 2603 | 1.26E-04 | 1.09E-04 | 2.35E-04 |
| 2604 | 1.30E-04 | 1.13E-04 | 2.43E-04 |
| 2605 | 1.34E-04 | 1.16E-04 | 2.50E-04 |
| 2606 | 1.38E-04 | 1.19E-04 | 2.57E-04 |
| 2607 | 1.42E-04 | 1.23E-04 | 2.65E-04 |
| 2608 | 1.46E-04 | 1.27E-04 | 2.73E-04 |
| 2609 | 1.48E-04 | 1.28E-04 | 2.76E-04 |
| 2610 | 1.48E-04 | 1.28E-04 | 2.76E-04 |
| 2611 | 1.49E-04 | 1.29E-04 | 2.78E-04 |
| 2612 | 1.50E-04 | 1.30E-04 | 2.80E-04 |
| 2613 | 1.51E-04 | 1.31E-04 | 2.82E-04 |
| 2614 | 1.52E-04 | 1.31E-04 | 2.83E-04 |
| 2615 | 1.51E-04 | 1.31E-04 | 2.82E-04 |
| 2616 | 1.53E-04 | 1.32E-04 | 2.85E-04 |
| 2617 | 1.55E-04 | 1.34E-04 | 2.89E-04 |
| 2618 | 1.49E-04 | 1.28E-04 | 2.77E-04 |
| 2619 | 1.47E-04 | 1.25E-04 | 2.72E-04 |
| 2620 | 1.46E-04 | 1.24E-04 | 2.70E-04 |
| 2621 | 1.44E-04 | 1.22E-04 | 2.66E-04 |
| 2622 | 1.43E-04 | 1.21E-04 | 2.64E-04 |
| 2623 | 1.40E-04 | 1.18E-04 | 2.58E-04 |
| 2624 | 1.33E-04 | 1.13E-04 | 2.46E-04 |
| 2625 | 1.30E-04 | 1.11E-04 | 2.41E-04 |
| 2626 | 1.28E-04 | 1.08E-04 | 2.36E-04 |
| 2627 | 1.24E-04 | 1.05E-04 | 2.29E-04 |
| 2628 | 1.21E-04 | 1.02E-04 | 2.23E-04 |
| 2629 | 1.18E-04 | 9.91E-05 | 2.17E-04 |
| 2630 | 1.15E-04 | 9.62E-05 | 2.11E-04 |
| 2631 | 1.12E-04 | 9.34E-05 | 2.05E-04 |
| 2632 | 1.10E-04 | 9.14E-05 | 2.01E-04 |
| 2633 | 1.08E-04 | 9.01E-05 | 1.98E-04 |
| 2634 | 1.05E-04 | 8.75E-05 | 1.93E-04 |
| 2635 | 1.02E-04 | 8.40E-05 | 1.86E-04 |
| 2636 | 9.67E-05 | 7.95E-05 | 1.76E-04 |
| 2637 | 9.50E-05 | 7.78E-05 | 1.73E-04 |
| 2638 | 9.09E-05 | 7.37E-05 | 1.65E-04 |
| 2639 | 8.80E-05 | 7.09E-05 | 1.59E-04 |
| 2640 | 8.60E-05 | 6.92E-05 | 1.55E-04 |
| 2641 | 8.30E-05 | 6.63E-05 | 1.49E-04 |
| 2642 | 8.03E-05 | 6.36E-05 | 1.44E-04 |
| 2643 | 6.11E-05 | 5.00E-05 | 1.11E-04 |
| 2644 | 6.37E-05 | 5.25E-05 | 1.16E-04 |
| 2645 | 6.57E-05 | 5.42E-05 | 1.20E-04 |
| 2646 | 6.79E-05 | 5.62E-05 | 1.24E-04 |
| 2647 | 6.97E-05 | 5.78E-05 | 1.28E-04 |
| 2648 | 7.19E-05 | 5.98E-05 | 1.32E-04 |

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| 2649 | 7.43E-05 | 6.20E-05 | 1.36E-04 |
| 2650 | 7.71E-05 | 6.45E-05 | 1.42E-04 |
| 2651 | 7.98E-05 | 6.71E-05 | 1.47E-04 |
| 2652 | 8.25E-05 | 6.95E-05 | 1.52E-04 |
| 2653 | 8.49E-05 | 7.17E-05 | 1.57E-04 |
| 2654 | 8.73E-05 | 7.38E-05 | 1.61E-04 |
| 2655 | 9.03E-05 | 7.65E-05 | 1.67E-04 |
| 2656 | 9.33E-05 | 7.92E-05 | 1.73E-04 |
| 2657 | 9.59E-05 | 8.14E-05 | 1.77E-04 |
| 2658 | 9.95E-05 | 8.47E-05 | 1.84E-04 |
| 2659 | 1.03E-04 | 8.74E-05 | 1.90E-04 |
| 2660 | 1.06E-04 | 9.06E-05 | 1.97E-04 |
| 2661 | 1.09E-04 | 9.35E-05 | 2.03E-04 |
| 2662 | 1.13E-04 | 9.65E-05 | 2.10E-04 |
| 2663 | 1.16E-04 | 1.00E-04 | 2.16E-04 |
| 2664 | 1.20E-04 | 1.03E-04 | 2.23E-04 |
| 2665 | 1.23E-04 | 1.06E-04 | 2.29E-04 |
| 2666 | 1.27E-04 | 1.09E-04 | 2.36E-04 |
| 2667 | 1.30E-04 | 1.13E-04 | 2.43E-04 |
| 2668 | 1.34E-04 | 1.16E-04 | 2.50E-04 |
| 2669 | 1.38E-04 | 1.19E-04 | 2.57E-04 |
| 2670 | 1.40E-04 | 1.21E-04 | 2.61E-04 |
| 2671 | 1.40E-04 | 1.21E-04 | 2.61E-04 |
| 2672 | 1.41E-04 | 1.22E-04 | 2.63E-04 |
| 2673 | 1.42E-04 | 1.23E-04 | 2.65E-04 |
| 2674 | 1.43E-04 | 1.24E-04 | 2.67E-04 |
| 2675 | 1.43E-04 | 1.24E-04 | 2.67E-04 |
| 2676 | 1.42E-04 | 1.23E-04 | 2.65E-04 |
| 2677 | 1.45E-04 | 1.25E-04 | 2.70E-04 |
| 2678 | 1.45E-04 | 1.25E-04 | 2.70E-04 |
| 2679 | 1.42E-04 | 1.22E-04 | 2.64E-04 |
| 2680 | 1.39E-04 | 1.19E-04 | 2.58E-04 |
| 2681 | 1.37E-04 | 1.16E-04 | 2.53E-04 |
| 2682 | 1.36E-04 | 1.15E-04 | 2.51E-04 |
| 2683 | 1.34E-04 | 1.13E-04 | 2.47E-04 |
| 2684 | 1.32E-04 | 1.12E-04 | 2.44E-04 |
| 2685 | 1.29E-04 | 1.08E-04 | 2.37E-04 |
| 2686 | 1.23E-04 | 1.04E-04 | 2.27E-04 |
| 2687 | 1.21E-04 | 1.02E-04 | 2.23E-04 |
| 2688 | 1.20E-04 | 1.00E-04 | 2.20E-04 |
| 2689 | 1.17E-04 | 9.86E-05 | 2.16E-04 |
| 2690 | 1.12E-04 | 9.41E-05 | 2.06E-04 |
| 2691 | 1.11E-04 | 9.29E-05 | 2.04E-04 |
| 2692 | 1.08E-04 | 8.93E-05 | 1.97E-04 |
| 2693 | 1.05E-04 | 8.67E-05 | 1.92E-04 |
| 2694 | 1.05E-04 | 8.81E-05 | 1.93E-04 |
| 2695 | 1.01E-04 | 8.41E-05 | 1.85E-04 |
| 2696 | 9.79E-05 | 8.09E-05 | 1.79E-04 |
| 2697 | 9.34E-05 | 7.68E-05 | 1.70E-04 |
| 2698 | 9.20E-05 | 7.55E-05 | 1.68E-04 |

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| 2699 | 8.87E-05 | 7.24E-05 | 1.61E-04 |
| 2700 | 8.53E-05 | 6.89E-05 | 1.54E-04 |
| 2701 | 8.34E-05 | 6.75E-05 | 1.51E-04 |
| 2702 | 8.07E-05 | 6.49E-05 | 1.46E-04 |
| 2703 | 7.79E-05 | 6.22E-05 | 1.40E-04 |
| 2704 | 5.88E-05 | 4.79E-05 | 1.07E-04 |
| 2705 | 6.15E-05 | 5.05E-05 | 1.12E-04 |
| 2706 | 6.36E-05 | 5.24E-05 | 1.16E-04 |
| 2707 | 6.58E-05 | 5.45E-05 | 1.20E-04 |
| 2708 | 6.75E-05 | 5.60E-05 | 1.24E-04 |
| 2709 | 6.97E-05 | 5.79E-05 | 1.28E-04 |
| 2710 | 7.18E-05 | 5.98E-05 | 1.32E-04 |
| 2711 | 7.46E-05 | 6.24E-05 | 1.37E-04 |
| 2712 | 7.73E-05 | 6.48E-05 | 1.42E-04 |
| 2713 | 7.96E-05 | 6.69E-05 | 1.47E-04 |
| 2714 | 8.20E-05 | 6.90E-05 | 1.51E-04 |
| 2715 | 8.43E-05 | 7.11E-05 | 1.55E-04 |
| 2716 | 8.69E-05 | 7.34E-05 | 1.60E-04 |
| 2717 | 8.97E-05 | 7.59E-05 | 1.66E-04 |
| 2718 | 9.17E-05 | 7.75E-05 | 1.69E-04 |
| 2719 | 9.48E-05 | 8.03E-05 | 1.75E-04 |
| 2720 | 9.74E-05 | 8.26E-05 | 1.80E-04 |
| 2721 | 1.01E-04 | 8.57E-05 | 1.87E-04 |
| 2722 | 1.03E-04 | 8.81E-05 | 1.91E-04 |
| 2723 | 1.07E-04 | 9.09E-05 | 1.98E-04 |
| 2724 | 1.10E-04 | 9.45E-05 | 2.05E-04 |
| 2725 | 1.13E-04 | 9.73E-05 | 2.10E-04 |
| 2726 | 1.16E-04 | 1.00E-04 | 2.16E-04 |
| 2727 | 1.20E-04 | 1.03E-04 | 2.23E-04 |
| 2728 | 1.24E-04 | 1.06E-04 | 2.30E-04 |
| 2729 | 1.27E-04 | 1.09E-04 | 2.36E-04 |
| 2730 | 1.30E-04 | 1.12E-04 | 2.42E-04 |
| 2731 | 1.32E-04 | 1.14E-04 | 2.46E-04 |
| 2732 | 1.33E-04 | 1.15E-04 | 2.48E-04 |
| 2733 | 1.33E-04 | 1.15E-04 | 2.48E-04 |
| 2734 | 1.35E-04 | 1.16E-04 | 2.51E-04 |
| 2735 | 1.35E-04 | 1.17E-04 | 2.52E-04 |
| 2736 | 1.35E-04 | 1.16E-04 | 2.51E-04 |
| 2737 | 1.34E-04 | 1.16E-04 | 2.50E-04 |
| 2738 | 1.36E-04 | 1.17E-04 | 2.53E-04 |
| 2739 | 1.37E-04 | 1.18E-04 | 2.55E-04 |
| 2740 | 1.34E-04 | 1.15E-04 | 2.49E-04 |
| 2741 | 1.33E-04 | 1.14E-04 | 2.47E-04 |
| 2742 | 1.30E-04 | 1.11E-04 | 2.41E-04 |
| 2743 | 1.28E-04 | 1.10E-04 | 2.38E-04 |
| 2744 | 1.31E-04 | 1.11E-04 | 2.42E-04 |
| 2745 | 1.29E-04 | 1.09E-04 | 2.38E-04 |
| 2746 | 1.23E-04 | 1.03E-04 | 2.26E-04 |
| 2747 | 1.20E-04 | 1.00E-04 | 2.20E-04 |
| 2748 | 1.15E-04 | 9.66E-05 | 2.12E-04 |

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| 2749 | 1.15E-04 | 9.63E-05 | 2.11E-04 |
| 2750 | 1.14E-04 | 9.54E-05 | 2.09E-04 |
| 2751 | 1.09E-04 | 9.09E-05 | 2.00E-04 |
| 2752 | 1.06E-04 | 8.90E-05 | 1.95E-04 |
| 2753 | 1.05E-04 | 8.73E-05 | 1.92E-04 |
| 2754 | 1.01E-04 | 8.31E-05 | 1.84E-04 |
| 2755 | 9.79E-05 | 8.07E-05 | 1.79E-04 |
| 2756 | 9.66E-05 | 7.97E-05 | 1.76E-04 |
| 2757 | 9.28E-05 | 7.66E-05 | 1.69E-04 |
| 2758 | 9.01E-05 | 7.41E-05 | 1.64E-04 |
| 2759 | 8.90E-05 | 7.31E-05 | 1.62E-04 |
| 2760 | 8.65E-05 | 7.08E-05 | 1.57E-04 |
| 2761 | 8.32E-05 | 6.76E-05 | 1.51E-04 |
| 2762 | 8.11E-05 | 6.58E-05 | 1.47E-04 |
| 2763 | 7.84E-05 | 6.33E-05 | 1.42E-04 |
| 2764 | 7.58E-05 | 6.08E-05 | 1.37E-04 |
| 2765 | 5.69E-05 | 4.62E-05 | 1.03E-04 |
| 2766 | 5.97E-05 | 4.89E-05 | 1.09E-04 |
| 2767 | 6.17E-05 | 5.07E-05 | 1.12E-04 |
| 2768 | 6.39E-05 | 5.27E-05 | 1.17E-04 |
| 2769 | 6.56E-05 | 5.42E-05 | 1.20E-04 |
| 2770 | 6.75E-05 | 5.60E-05 | 1.24E-04 |
| 2771 | 6.96E-05 | 5.78E-05 | 1.27E-04 |
| 2772 | 7.19E-05 | 6.00E-05 | 1.32E-04 |
| 2773 | 7.43E-05 | 6.21E-05 | 1.36E-04 |
| 2774 | 7.66E-05 | 6.42E-05 | 1.41E-04 |
| 2775 | 7.92E-05 | 6.66E-05 | 1.46E-04 |
| 2776 | 8.16E-05 | 6.88E-05 | 1.50E-04 |
| 2777 | 8.40E-05 | 7.08E-05 | 1.55E-04 |
| 2778 | 8.64E-05 | 7.29E-05 | 1.59E-04 |
| 2779 | 8.83E-05 | 7.45E-05 | 1.63E-04 |
| 2780 | 9.11E-05 | 7.70E-05 | 1.68E-04 |
| 2781 | 9.29E-05 | 7.85E-05 | 1.71E-04 |
| 2782 | 9.58E-05 | 8.12E-05 | 1.77E-04 |
| 2783 | 9.84E-05 | 8.35E-05 | 1.82E-04 |
| 2784 | 1.02E-04 | 8.64E-05 | 1.88E-04 |
| 2785 | 1.01E-04 | 8.54E-05 | 1.86E-04 |
| 2786 | 1.02E-04 | 8.59E-05 | 1.88E-04 |
| 2787 | 1.06E-04 | 9.00E-05 | 1.96E-04 |
| 2788 | 1.12E-04 | 9.60E-05 | 2.08E-04 |
| 2789 | 1.17E-04 | 1.00E-04 | 2.17E-04 |
| 2790 | 1.20E-04 | 1.03E-04 | 2.23E-04 |
| 2791 | 1.23E-04 | 1.05E-04 | 2.28E-04 |
| 2792 | 1.25E-04 | 1.08E-04 | 2.33E-04 |
| 2793 | 1.27E-04 | 1.10E-04 | 2.37E-04 |
| 2794 | 1.27E-04 | 1.09E-04 | 2.36E-04 |
| 2795 | 1.27E-04 | 1.09E-04 | 2.36E-04 |
| 2796 | 1.28E-04 | 1.10E-04 | 2.38E-04 |
| 2797 | 1.28E-04 | 1.10E-04 | 2.38E-04 |
| 2798 | 1.29E-04 | 1.11E-04 | 2.40E-04 |

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| 2799 | 1.31E-04 | 1.13E-04 | 2.44E-04 |
| 2800 | 1.32E-04 | 1.13E-04 | 2.45E-04 |
| 2801 | 1.28E-04 | 1.10E-04 | 2.38E-04 |
| 2802 | 1.29E-04 | 1.11E-04 | 2.40E-04 |
| 2803 | 1.27E-04 | 1.09E-04 | 2.36E-04 |
| 2804 | 1.26E-04 | 1.07E-04 | 2.33E-04 |
| 2805 | 1.26E-04 | 1.07E-04 | 2.33E-04 |
| 2806 | 1.24E-04 | 1.06E-04 | 2.30E-04 |
| 2807 | 1.20E-04 | 1.02E-04 | 2.22E-04 |
| 2808 | 1.16E-04 | 9.74E-05 | 2.13E-04 |
| 2809 | 1.12E-04 | 9.36E-05 | 2.06E-04 |
| 2810 | 1.12E-04 | 9.36E-05 | 2.06E-04 |
| 2811 | 1.10E-04 | 9.21E-05 | 2.02E-04 |
| 2812 | 1.04E-04 | 8.75E-05 | 1.92E-04 |
| 2813 | 1.03E-04 | 8.62E-05 | 1.89E-04 |
| 2814 | 1.00E-04 | 8.31E-05 | 1.83E-04 |
| 2815 | 9.66E-05 | 8.00E-05 | 1.77E-04 |
| 2816 | 9.42E-05 | 7.79E-05 | 1.72E-04 |
| 2817 | 9.18E-05 | 7.58E-05 | 1.68E-04 |
| 2818 | 8.94E-05 | 7.37E-05 | 1.63E-04 |
| 2819 | 8.71E-05 | 7.15E-05 | 1.59E-04 |
| 2820 | 8.63E-05 | 7.09E-05 | 1.57E-04 |
| 2821 | 8.39E-05 | 6.88E-05 | 1.53E-04 |
| 2822 | 8.08E-05 | 6.58E-05 | 1.47E-04 |
| 2823 | 7.87E-05 | 6.40E-05 | 1.43E-04 |
| 2824 | 7.62E-05 | 6.18E-05 | 1.38E-04 |
| 2825 | 7.39E-05 | 5.95E-05 | 1.33E-04 |
| 2826 | 5.52E-05 | 4.48E-05 | 1.00E-04 |
| 2827 | 5.79E-05 | 4.74E-05 | 1.05E-04 |
| 2828 | 5.99E-05 | 4.92E-05 | 1.09E-04 |
| 2829 | 6.20E-05 | 5.11E-05 | 1.13E-04 |
| 2830 | 6.36E-05 | 5.25E-05 | 1.16E-04 |
| 2831 | 6.56E-05 | 5.43E-05 | 1.20E-04 |
| 2832 | 6.74E-05 | 5.60E-05 | 1.23E-04 |
| 2833 | 6.97E-05 | 5.80E-05 | 1.28E-04 |
| 2834 | 7.19E-05 | 6.00E-05 | 1.32E-04 |
| 2835 | 7.41E-05 | 6.20E-05 | 1.36E-04 |
| 2836 | 7.64E-05 | 6.41E-05 | 1.41E-04 |
| 2837 | 7.88E-05 | 6.62E-05 | 1.45E-04 |
| 2838 | 8.11E-05 | 6.82E-05 | 1.49E-04 |
| 2839 | 8.33E-05 | 7.02E-05 | 1.54E-04 |
| 2840 | 8.51E-05 | 7.16E-05 | 1.57E-04 |
| 2841 | 8.77E-05 | 7.39E-05 | 1.62E-04 |
| 2842 | 8.85E-05 | 7.45E-05 | 1.63E-04 |
| 2843 | 9.03E-05 | 7.61E-05 | 1.66E-04 |
| 2844 | 9.31E-05 | 7.87E-05 | 1.72E-04 |
| 2845 | 9.62E-05 | 8.15E-05 | 1.78E-04 |
| 2846 | 9.41E-05 | 7.92E-05 | 1.73E-04 |
| 2847 | 9.58E-05 | 8.08E-05 | 1.77E-04 |
| 2848 | 9.96E-05 | 8.45E-05 | 1.84E-04 |

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| 2849 | 1.06E-04 | 9.08E-05 | 1.97E-04 |
| 2850 | 1.10E-04 | 9.44E-05 | 2.04E-04 |
| 2851 | 1.14E-04 | 9.74E-05 | 2.11E-04 |
| 2852 | 1.12E-04 | 9.57E-05 | 2.08E-04 |
| 2853 | 1.16E-04 | 9.91E-05 | 2.15E-04 |
| 2854 | 1.20E-04 | 1.03E-04 | 2.23E-04 |
| 2855 | 1.22E-04 | 1.05E-04 | 2.27E-04 |
| 2856 | 1.21E-04 | 1.04E-04 | 2.25E-04 |
| 2857 | 1.21E-04 | 1.04E-04 | 2.25E-04 |
| 2858 | 1.21E-04 | 1.05E-04 | 2.26E-04 |
| 2859 | 1.22E-04 | 1.05E-04 | 2.27E-04 |
| 2860 | 1.24E-04 | 1.07E-04 | 2.31E-04 |
| 2861 | 1.25E-04 | 1.08E-04 | 2.33E-04 |
| 2862 | 1.23E-04 | 1.05E-04 | 2.28E-04 |
| 2863 | 1.26E-04 | 1.08E-04 | 2.34E-04 |
| 2864 | 1.25E-04 | 1.08E-04 | 2.33E-04 |
| 2865 | 1.22E-04 | 1.05E-04 | 2.27E-04 |
| 2866 | 1.21E-04 | 1.04E-04 | 2.25E-04 |
| 2867 | 1.21E-04 | 1.04E-04 | 2.25E-04 |
| 2868 | 1.17E-04 | 1.00E-04 | 2.17E-04 |
| 2869 | 1.13E-04 | 9.60E-05 | 2.09E-04 |
| 2870 | 1.10E-04 | 9.29E-05 | 2.03E-04 |
| 2871 | 1.08E-04 | 9.15E-05 | 2.00E-04 |
| 2872 | 1.07E-04 | 9.00E-05 | 1.97E-04 |
| 2873 | 1.03E-04 | 8.59E-05 | 1.89E-04 |
| 2874 | 1.00E-04 | 8.36E-05 | 1.84E-04 |
| 2875 | 9.66E-05 | 8.00E-05 | 1.77E-04 |
| 2876 | 9.27E-05 | 7.64E-05 | 1.69E-04 |
| 2877 | 9.04E-05 | 7.44E-05 | 1.65E-04 |
| 2878 | 8.91E-05 | 7.33E-05 | 1.62E-04 |
| 2879 | 8.75E-05 | 7.18E-05 | 1.59E-04 |
| 2880 | 8.50E-05 | 6.95E-05 | 1.55E-04 |
| 2881 | 8.32E-05 | 6.82E-05 | 1.51E-04 |
| 2882 | 8.10E-05 | 6.63E-05 | 1.47E-04 |
| 2883 | 7.89E-05 | 6.44E-05 | 1.43E-04 |
| 2884 | 7.64E-05 | 6.22E-05 | 1.39E-04 |
| 2885 | 7.43E-05 | 6.03E-05 | 1.35E-04 |
| 2886 | 7.20E-05 | 5.82E-05 | 1.30E-04 |
| 2887 | 5.37E-05 | 4.35E-05 | 9.72E-05 |
| 2888 | 5.64E-05 | 4.60E-05 | 1.02E-04 |
| 2889 | 5.84E-05 | 4.79E-05 | 1.06E-04 |
| 2890 | 6.03E-05 | 4.96E-05 | 1.10E-04 |
| 2891 | 6.18E-05 | 5.10E-05 | 1.13E-04 |
| 2892 | 6.36E-05 | 5.26E-05 | 1.16E-04 |
| 2893 | 6.53E-05 | 5.41E-05 | 1.19E-04 |
| 2894 | 6.75E-05 | 5.61E-05 | 1.24E-04 |
| 2895 | 6.94E-05 | 5.77E-05 | 1.27E-04 |
| 2896 | 7.15E-05 | 5.97E-05 | 1.31E-04 |
| 2897 | 7.38E-05 | 6.17E-05 | 1.36E-04 |
| 2898 | 7.61E-05 | 6.38E-05 | 1.40E-04 |

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| 2899 | 7.82E-05 | 6.56E-05 | 1.44E-04 |
| 2900 | 8.03E-05 | 6.75E-05 | 1.48E-04 |
| 2901 | 8.15E-05 | 6.84E-05 | 1.50E-04 |
| 2902 | 8.39E-05 | 7.06E-05 | 1.55E-04 |
| 2903 | 8.44E-05 | 7.09E-05 | 1.55E-04 |
| 2904 | 8.61E-05 | 7.23E-05 | 1.58E-04 |
| 2905 | 8.85E-05 | 7.45E-05 | 1.63E-04 |
| 2906 | 9.13E-05 | 7.71E-05 | 1.68E-04 |
| 2907 | 9.24E-05 | 7.80E-05 | 1.70E-04 |
| 2908 | 9.29E-05 | 7.84E-05 | 1.71E-04 |
| 2909 | 9.77E-05 | 8.30E-05 | 1.81E-04 |
| 2910 | 1.01E-04 | 8.58E-05 | 1.87E-04 |
| 2911 | 1.05E-04 | 8.92E-05 | 1.94E-04 |
| 2912 | 1.07E-04 | 9.14E-05 | 1.98E-04 |
| 2913 | 1.01E-04 | 8.50E-05 | 1.86E-04 |
| 2914 | 1.09E-04 | 9.33E-05 | 2.02E-04 |
| 2915 | 1.14E-04 | 9.79E-05 | 2.12E-04 |
| 2916 | 1.15E-04 | 9.89E-05 | 2.14E-04 |
| 2917 | 1.15E-04 | 9.88E-05 | 2.14E-04 |
| 2918 | 1.15E-04 | 9.87E-05 | 2.14E-04 |
| 2919 | 1.16E-04 | 9.95E-05 | 2.16E-04 |
| 2920 | 1.17E-04 | 1.01E-04 | 2.18E-04 |
| 2921 | 1.18E-04 | 1.01E-04 | 2.19E-04 |
| 2922 | 1.19E-04 | 1.02E-04 | 2.21E-04 |
| 2923 | 1.18E-04 | 1.01E-04 | 2.19E-04 |
| 2924 | 1.20E-04 | 1.03E-04 | 2.23E-04 |
| 2925 | 1.20E-04 | 1.03E-04 | 2.23E-04 |
| 2926 | 1.19E-04 | 1.02E-04 | 2.21E-04 |
| 2927 | 1.19E-04 | 1.02E-04 | 2.21E-04 |
| 2928 | 1.18E-04 | 1.01E-04 | 2.19E-04 |
| 2929 | 1.15E-04 | 9.82E-05 | 2.13E-04 |
| 2930 | 1.12E-04 | 9.51E-05 | 2.07E-04 |
| 2931 | 1.09E-04 | 9.28E-05 | 2.02E-04 |
| 2932 | 1.05E-04 | 8.89E-05 | 1.94E-04 |
| 2933 | 1.02E-04 | 8.63E-05 | 1.88E-04 |
| 2934 | 9.96E-05 | 8.37E-05 | 1.83E-04 |
| 2935 | 9.69E-05 | 8.11E-05 | 1.78E-04 |
| 2936 | 9.39E-05 | 7.83E-05 | 1.72E-04 |
| 2937 | 8.91E-05 | 7.35E-05 | 1.63E-04 |
| 2938 | 8.70E-05 | 7.16E-05 | 1.59E-04 |
| 2939 | 8.61E-05 | 7.06E-05 | 1.57E-04 |
| 2940 | 8.41E-05 | 6.88E-05 | 1.53E-04 |
| 2941 | 8.23E-05 | 6.72E-05 | 1.50E-04 |
| 2942 | 8.08E-05 | 6.63E-05 | 1.47E-04 |
| 2943 | 7.84E-05 | 6.41E-05 | 1.43E-04 |
| 2944 | 7.62E-05 | 6.21E-05 | 1.38E-04 |
| 2945 | 7.43E-05 | 6.05E-05 | 1.35E-04 |
| 2946 | 7.22E-05 | 5.87E-05 | 1.31E-04 |
| 2947 | 7.02E-05 | 5.69E-05 | 1.27E-04 |
| 2948 | 5.22E-05 | 4.22E-05 | 9.44E-05 |

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| 2949 | 5.48E-05 | 4.47E-05 | 9.95E-05 |
| 2950 | 5.66E-05 | 4.64E-05 | 1.03E-04 |
| 2951 | 5.86E-05 | 4.82E-05 | 1.07E-04 |
| 2952 | 6.01E-05 | 4.95E-05 | 1.10E-04 |
| 2953 | 6.18E-05 | 5.10E-05 | 1.13E-04 |
| 2954 | 6.33E-05 | 5.23E-05 | 1.16E-04 |
| 2955 | 6.52E-05 | 5.40E-05 | 1.19E-04 |
| 2956 | 6.71E-05 | 5.57E-05 | 1.23E-04 |
| 2957 | 6.92E-05 | 5.76E-05 | 1.27E-04 |
| 2958 | 7.13E-05 | 5.95E-05 | 1.31E-04 |
| 2959 | 7.35E-05 | 6.15E-05 | 1.35E-04 |
| 2960 | 7.54E-05 | 6.32E-05 | 1.39E-04 |
| 2961 | 7.75E-05 | 6.50E-05 | 1.43E-04 |
| 2962 | 7.85E-05 | 6.57E-05 | 1.44E-04 |
| 2963 | 8.04E-05 | 6.74E-05 | 1.48E-04 |
| 2964 | 8.08E-05 | 6.77E-05 | 1.49E-04 |
| 2965 | 8.22E-05 | 6.88E-05 | 1.51E-04 |
| 2966 | 8.44E-05 | 7.08E-05 | 1.55E-04 |
| 2967 | 8.64E-05 | 7.26E-05 | 1.59E-04 |
| 2968 | 8.78E-05 | 7.38E-05 | 1.62E-04 |
| 2969 | 8.99E-05 | 7.59E-05 | 1.66E-04 |
| 2970 | 9.32E-05 | 7.89E-05 | 1.72E-04 |
| 2971 | 9.64E-05 | 8.18E-05 | 1.78E-04 |
| 2972 | 9.94E-05 | 8.45E-05 | 1.84E-04 |
| 2973 | 9.88E-05 | 8.35E-05 | 1.82E-04 |
| 2974 | 9.63E-05 | 8.09E-05 | 1.77E-04 |
| 2975 | 1.03E-04 | 8.74E-05 | 1.90E-04 |
| 2976 | 1.09E-04 | 9.31E-05 | 2.02E-04 |
| 2977 | 1.09E-04 | 9.38E-05 | 2.03E-04 |
| 2978 | 1.10E-04 | 9.42E-05 | 2.04E-04 |
| 2979 | 1.10E-04 | 9.46E-05 | 2.05E-04 |
| 2980 | 1.10E-04 | 9.49E-05 | 2.05E-04 |
| 2981 | 1.11E-04 | 9.50E-05 | 2.06E-04 |
| 2982 | 1.12E-04 | 9.57E-05 | 2.08E-04 |
| 2983 | 1.13E-04 | 9.66E-05 | 2.10E-04 |
| 2984 | 1.13E-04 | 9.67E-05 | 2.10E-04 |
| 2985 | 1.14E-04 | 9.77E-05 | 2.12E-04 |
| 2986 | 1.15E-04 | 9.84E-05 | 2.13E-04 |
| 2987 | 1.15E-04 | 9.88E-05 | 2.14E-04 |
| 2988 | 1.16E-04 | 9.93E-05 | 2.15E-04 |
| 2989 | 1.14E-04 | 9.78E-05 | 2.12E-04 |
| 2990 | 1.12E-04 | 9.55E-05 | 2.08E-04 |
| 2991 | 1.10E-04 | 9.39E-05 | 2.04E-04 |
| 2992 | 1.08E-04 | 9.21E-05 | 2.00E-04 |
| 2993 | 1.05E-04 | 8.92E-05 | 1.94E-04 |
| 2994 | 1.01E-04 | 8.55E-05 | 1.87E-04 |
| 2995 | 9.71E-05 | 8.16E-05 | 1.79E-04 |
| 2996 | 9.31E-05 | 7.77E-05 | 1.71E-04 |
| 2997 | 9.10E-05 | 7.59E-05 | 1.67E-04 |
| 2998 | 8.83E-05 | 7.33E-05 | 1.62E-04 |

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| 2999 | 8.55E-05 | 7.04E-05 | 1.56E-04 |
| 3000 | 8.19E-05 | 6.74E-05 | 1.49E-04 |
| 3001 | 8.07E-05 | 6.60E-05 | 1.47E-04 |
| 3002 | 7.91E-05 | 6.45E-05 | 1.44E-04 |
| 3003 | 7.84E-05 | 6.43E-05 | 1.43E-04 |
| 3004 | 7.67E-05 | 6.28E-05 | 1.40E-04 |
| 3005 | 7.47E-05 | 6.11E-05 | 1.36E-04 |
| 3006 | 7.23E-05 | 5.89E-05 | 1.31E-04 |
| 3007 | 7.03E-05 | 5.71E-05 | 1.27E-04 |
| 3008 | 6.89E-05 | 5.61E-05 | 1.25E-04 |
| 3009 | 5.04E-05 | 4.06E-05 | 9.10E-05 |
| 3010 | 5.29E-05 | 4.30E-05 | 9.59E-05 |
| 3011 | 5.48E-05 | 4.47E-05 | 9.95E-05 |
| 3012 | 5.69E-05 | 4.67E-05 | 1.04E-04 |
| 3013 | 5.83E-05 | 4.79E-05 | 1.06E-04 |
| 3014 | 6.00E-05 | 4.94E-05 | 1.09E-04 |
| 3015 | 6.14E-05 | 5.07E-05 | 1.12E-04 |
| 3016 | 6.35E-05 | 5.25E-05 | 1.16E-04 |
| 3017 | 6.52E-05 | 5.41E-05 | 1.19E-04 |
| 3018 | 6.70E-05 | 5.57E-05 | 1.23E-04 |
| 3019 | 6.90E-05 | 5.75E-05 | 1.27E-04 |
| 3020 | 7.10E-05 | 5.92E-05 | 1.30E-04 |
| 3021 | 7.28E-05 | 6.08E-05 | 1.34E-04 |
| 3022 | 7.48E-05 | 6.26E-05 | 1.37E-04 |
| 3023 | 7.57E-05 | 6.32E-05 | 1.39E-04 |
| 3024 | 7.75E-05 | 6.49E-05 | 1.42E-04 |
| 3025 | 7.77E-05 | 6.49E-05 | 1.43E-04 |
| 3026 | 7.93E-05 | 6.63E-05 | 1.46E-04 |
| 3027 | 8.08E-05 | 6.75E-05 | 1.48E-04 |
| 3028 | 8.25E-05 | 6.91E-05 | 1.52E-04 |
| 3029 | 8.41E-05 | 7.07E-05 | 1.55E-04 |
| 3030 | 8.67E-05 | 7.31E-05 | 1.60E-04 |
| 3031 | 8.94E-05 | 7.55E-05 | 1.65E-04 |
| 3032 | 9.30E-05 | 7.88E-05 | 1.72E-04 |
| 3033 | 9.25E-05 | 7.80E-05 | 1.71E-04 |
| 3034 | 9.23E-05 | 7.75E-05 | 1.70E-04 |
| 3035 | 9.55E-05 | 8.05E-05 | 1.76E-04 |
| 3036 | 1.01E-04 | 8.64E-05 | 1.87E-04 |
| 3037 | 1.03E-04 | 8.84E-05 | 1.91E-04 |
| 3038 | 1.04E-04 | 8.92E-05 | 1.93E-04 |
| 3039 | 1.05E-04 | 8.97E-05 | 1.95E-04 |
| 3040 | 1.05E-04 | 9.01E-05 | 1.95E-04 |
| 3041 | 1.05E-04 | 9.03E-05 | 1.95E-04 |
| 3042 | 1.05E-04 | 9.01E-05 | 1.95E-04 |
| 3043 | 1.06E-04 | 9.07E-05 | 1.97E-04 |
| 3044 | 1.07E-04 | 9.15E-05 | 1.99E-04 |
| 3045 | 1.08E-04 | 9.25E-05 | 2.01E-04 |
| 3046 | 1.09E-04 | 9.37E-05 | 2.03E-04 |
| 3047 | 1.10E-04 | 9.46E-05 | 2.05E-04 |
| 3048 | 1.11E-04 | 9.52E-05 | 2.06E-04 |

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| 3049 | 1.11E-04 | 9.53E-05 | 2.06E-04 |
| 3050 | 1.10E-04 | 9.43E-05 | 2.04E-04 |
| 3051 | 1.09E-04 | 9.32E-05 | 2.02E-04 |
| 3052 | 1.08E-04 | 9.23E-05 | 2.00E-04 |
| 3053 | 1.06E-04 | 9.06E-05 | 1.97E-04 |
| 3054 | 1.03E-04 | 8.78E-05 | 1.91E-04 |
| 3055 | 1.00E-04 | 8.54E-05 | 1.85E-04 |
| 3056 | 9.74E-05 | 8.26E-05 | 1.80E-04 |
| 3057 | 9.49E-05 | 8.02E-05 | 1.75E-04 |
| 3058 | 9.10E-05 | 7.64E-05 | 1.67E-04 |
| 3059 | 8.80E-05 | 7.36E-05 | 1.62E-04 |
| 3060 | 8.46E-05 | 7.04E-05 | 1.55E-04 |
| 3061 | 8.13E-05 | 6.71E-05 | 1.48E-04 |
| 3062 | 7.89E-05 | 6.47E-05 | 1.44E-04 |
| 3063 | 7.67E-05 | 6.25E-05 | 1.39E-04 |
| 3064 | 7.59E-05 | 6.22E-05 | 1.38E-04 |
| 3065 | 7.44E-05 | 6.09E-05 | 1.35E-04 |
| 3066 | 7.26E-05 | 5.94E-05 | 1.32E-04 |
| 3067 | 7.06E-05 | 5.76E-05 | 1.28E-04 |
| 3068 | 6.87E-05 | 5.59E-05 | 1.25E-04 |
| 3069 | 6.66E-05 | 5.41E-05 | 1.21E-04 |
| 3070 | 7.97E-05 | 2.80E-05 | 1.08E-04 |
| 3071 | 8.75E-05 | 2.92E-05 | 1.17E-04 |
| 3072 | 9.42E-05 | 3.04E-05 | 1.25E-04 |
| 3073 | 1.00E-04 | 3.17E-05 | 1.32E-04 |
| 3074 | 1.05E-04 | 3.30E-05 | 1.38E-04 |
| 3075 | 1.10E-04 | 3.44E-05 | 1.44E-04 |
| 3076 | 1.13E-04 | 3.58E-05 | 1.49E-04 |
| 3077 | 1.16E-04 | 3.73E-05 | 1.53E-04 |
| 3078 | 1.19E-04 | 3.87E-05 | 1.58E-04 |
| 3079 | 1.22E-04 | 4.02E-05 | 1.62E-04 |
| 3080 | 1.23E-04 | 4.11E-05 | 1.64E-04 |
| 3081 | 1.25E-04 | 4.10E-05 | 1.66E-04 |
| 3082 | 1.24E-04 | 3.96E-05 | 1.64E-04 |
| 3083 | 1.24E-04 | 3.88E-05 | 1.63E-04 |
| 3084 | 1.23E-04 | 3.73E-05 | 1.60E-04 |
| 3085 | 1.22E-04 | 3.90E-05 | 1.61E-04 |
| 3086 | 1.17E-04 | 3.66E-05 | 1.54E-04 |
| 3087 | 1.11E-04 | 3.55E-05 | 1.47E-04 |
| 3088 | 8.41E-05 | 3.37E-05 | 1.18E-04 |
| 3089 | 6.98E-05 | 3.11E-05 | 1.01E-04 |
| 3090 | 5.74E-05 | 2.86E-05 | 8.60E-05 |
| 3091 | 5.00E-05 | 2.66E-05 | 7.66E-05 |
| 3092 | 4.69E-05 | 2.61E-05 | 7.30E-05 |
| 3093 | 4.25E-05 | 2.45E-05 | 6.70E-05 |
| 3094 | 4.02E-05 | 2.38E-05 | 6.40E-05 |
| 3095 | 4.17E-05 | 2.55E-05 | 6.72E-05 |
| 3096 | 4.36E-05 | 2.73E-05 | 7.09E-05 |
| 3097 | 3.73E-05 | 2.38E-05 | 6.11E-05 |
| 3098 | 3.48E-05 | 2.26E-05 | 5.74E-05 |

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| 3099 | 3.44E-05 | 2.27E-05 | 5.71E-05 |
| 3100 | 3.32E-05 | 2.23E-05 | 5.55E-05 |
| 3101 | 3.16E-05 | 2.16E-05 | 5.32E-05 |
| 3102 | 3.15E-05 | 2.19E-05 | 5.34E-05 |
| 3103 | 3.02E-05 | 2.13E-05 | 5.15E-05 |
| 3104 | 2.94E-05 | 2.11E-05 | 5.05E-05 |
| 3105 | 2.93E-05 | 2.13E-05 | 5.06E-05 |
| 3106 | 2.93E-05 | 2.15E-05 | 5.08E-05 |
| 3107 | 2.99E-05 | 2.20E-05 | 5.19E-05 |
| 3108 | 3.09E-05 | 2.29E-05 | 5.38E-05 |
| 3109 | 1.05E-04 | 2.91E-05 | 1.34E-04 |
| 3110 | 1.18E-04 | 3.04E-05 | 1.48E-04 |
| 3111 | 1.29E-04 | 3.18E-05 | 1.61E-04 |
| 3112 | 1.37E-04 | 3.32E-05 | 1.70E-04 |
| 3113 | 1.43E-04 | 3.46E-05 | 1.78E-04 |
| 3114 | 1.47E-04 | 3.62E-05 | 1.83E-04 |
| 3115 | 1.51E-04 | 3.78E-05 | 1.89E-04 |
| 3116 | 1.55E-04 | 3.94E-05 | 1.94E-04 |
| 3117 | 1.58E-04 | 4.11E-05 | 1.99E-04 |
| 3118 | 1.61E-04 | 4.28E-05 | 2.04E-04 |
| 3119 | 1.66E-04 | 4.44E-05 | 2.10E-04 |
| 3120 | 1.68E-04 | 4.55E-05 | 2.14E-04 |
| 3121 | 1.70E-04 | 4.42E-05 | 2.14E-04 |
| 3122 | 1.70E-04 | 4.25E-05 | 2.13E-04 |
| 3123 | 1.68E-04 | 4.22E-05 | 2.10E-04 |
| 3124 | 1.65E-04 | 4.16E-05 | 2.07E-04 |
| 3125 | 1.59E-04 | 3.98E-05 | 1.99E-04 |
| 3126 | 1.46E-04 | 3.79E-05 | 1.84E-04 |
| 3127 | 9.10E-05 | 3.46E-05 | 1.26E-04 |
| 3128 | 7.04E-05 | 3.17E-05 | 1.02E-04 |
| 3129 | 5.07E-05 | 2.52E-05 | 7.59E-05 |
| 3130 | 4.56E-05 | 2.38E-05 | 6.94E-05 |
| 3131 | 4.33E-05 | 2.38E-05 | 6.71E-05 |
| 3132 | 4.12E-05 | 2.36E-05 | 6.48E-05 |
| 3133 | 3.90E-05 | 2.31E-05 | 6.21E-05 |
| 3134 | 3.90E-05 | 2.40E-05 | 6.30E-05 |
| 3135 | 4.19E-05 | 2.65E-05 | 6.84E-05 |
| 3136 | 3.96E-05 | 2.56E-05 | 6.52E-05 |
| 3137 | 3.56E-05 | 2.34E-05 | 5.90E-05 |
| 3138 | 3.55E-05 | 2.38E-05 | 5.93E-05 |
| 3139 | 3.41E-05 | 2.33E-05 | 5.74E-05 |
| 3140 | 3.26E-05 | 2.27E-05 | 5.53E-05 |
| 3141 | 3.27E-05 | 2.31E-05 | 5.58E-05 |
| 3142 | 3.22E-05 | 2.31E-05 | 5.53E-05 |
| 3143 | 3.17E-05 | 2.31E-05 | 5.48E-05 |
| 3144 | 3.18E-05 | 2.34E-05 | 5.52E-05 |
| 3145 | 3.20E-05 | 2.37E-05 | 5.57E-05 |
| 3146 | 3.26E-05 | 2.44E-05 | 5.70E-05 |
| 3147 | 3.29E-05 | 2.48E-05 | 5.77E-05 |
| 3148 | 1.81E-04 | 3.03E-05 | 2.11E-04 |

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| 3149 | 2.05E-04 | 3.17E-05 | 2.37E-04 |
| 3150 | 2.23E-04 | 3.32E-05 | 2.56E-04 |
| 3151 | 2.39E-04 | 3.47E-05 | 2.74E-04 |
| 3152 | 2.47E-04 | 3.64E-05 | 2.83E-04 |
| 3153 | 2.51E-04 | 3.81E-05 | 2.89E-04 |
| 3154 | 2.55E-04 | 3.99E-05 | 2.95E-04 |
| 3155 | 2.59E-04 | 4.17E-05 | 3.01E-04 |
| 3156 | 2.61E-04 | 4.36E-05 | 3.05E-04 |
| 3157 | 2.66E-04 | 4.56E-05 | 3.12E-04 |
| 3158 | 2.82E-04 | 4.75E-05 | 3.30E-04 |
| 3159 | 3.03E-04 | 4.45E-05 | 3.48E-04 |
| 3160 | 3.26E-04 | 4.25E-05 | 3.69E-04 |
| 3161 | 3.31E-04 | 4.18E-05 | 3.73E-04 |
| 3162 | 1.01E-04 | 3.70E-05 | 1.38E-04 |
| 3163 | 7.97E-05 | 3.48E-05 | 1.15E-04 |
| 3164 | 6.30E-05 | 3.13E-05 | 9.43E-05 |
| 3165 | 5.17E-05 | 2.73E-05 | 7.90E-05 |
| 3166 | 4.64E-05 | 2.57E-05 | 7.21E-05 |
| 3167 | 4.33E-05 | 2.50E-05 | 6.83E-05 |
| 3168 | 4.13E-05 | 2.48E-05 | 6.61E-05 |
| 3169 | 4.07E-05 | 2.53E-05 | 6.60E-05 |
| 3170 | 4.06E-05 | 2.59E-05 | 6.65E-05 |
| 3171 | 3.93E-05 | 2.56E-05 | 6.49E-05 |
| 3172 | 3.80E-05 | 2.53E-05 | 6.33E-05 |
| 3173 | 3.74E-05 | 2.54E-05 | 6.28E-05 |
| 3174 | 3.60E-05 | 2.50E-05 | 6.10E-05 |
| 3175 | 3.50E-05 | 2.48E-05 | 5.98E-05 |
| 3176 | 3.47E-05 | 2.50E-05 | 5.97E-05 |
| 3177 | 3.43E-05 | 2.51E-05 | 5.94E-05 |
| 3178 | 3.39E-05 | 2.51E-05 | 5.90E-05 |
| 3179 | 3.45E-05 | 2.56E-05 | 6.01E-05 |
| 3180 | 3.53E-05 | 2.64E-05 | 6.17E-05 |
| 3181 | 3.54E-05 | 2.68E-05 | 6.22E-05 |
| 3182 | 3.44E-05 | 2.63E-05 | 6.07E-05 |
| 3183 | 4.96E-04 | 4.33E-05 | 5.39E-04 |
| 3184 | 4.69E-04 | 4.06E-05 | 5.10E-04 |
| 3185 | 4.21E-04 | 4.38E-05 | 4.65E-04 |
| 3186 | 3.61E-04 | 5.09E-05 | 4.12E-04 |
| 3187 | 3.31E-04 | 4.54E-05 | 3.76E-04 |
| 3188 | 3.33E-04 | 3.77E-05 | 3.71E-04 |
| 3189 | 2.91E-04 | 3.47E-05 | 3.26E-04 |
| 3190 | 3.11E-04 | 3.87E-05 | 3.50E-04 |
| 3191 | 3.08E-04 | 4.26E-05 | 3.51E-04 |
| 3192 | 1.72E-04 | 4.24E-05 | 2.14E-04 |
| 3193 | 1.21E-04 | 4.07E-05 | 1.62E-04 |
| 3194 | 8.30E-05 | 3.58E-05 | 1.19E-04 |
| 3195 | 7.21E-05 | 3.50E-05 | 1.07E-04 |
| 3196 | 6.39E-05 | 3.38E-05 | 9.77E-05 |
| 3197 | 5.46E-05 | 3.05E-05 | 8.51E-05 |
| 3198 | 4.85E-05 | 2.82E-05 | 7.67E-05 |

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| 3199 | 4.50E-05 | 2.72E-05 | 7.22E-05 |
| 3200 | 4.37E-05 | 2.73E-05 | 7.10E-05 |
| 3201 | 4.27E-05 | 2.74E-05 | 7.01E-05 |
| 3202 | 4.14E-05 | 2.73E-05 | 6.87E-05 |
| 3203 | 4.06E-05 | 2.74E-05 | 6.80E-05 |
| 3204 | 3.95E-05 | 2.72E-05 | 6.67E-05 |
| 3205 | 3.87E-05 | 2.72E-05 | 6.59E-05 |
| 3206 | 3.79E-05 | 2.73E-05 | 6.52E-05 |
| 3207 | 3.75E-05 | 2.74E-05 | 6.49E-05 |
| 3208 | 3.69E-05 | 2.74E-05 | 6.43E-05 |
| 3209 | 3.70E-05 | 2.77E-05 | 6.47E-05 |
| 3210 | 3.78E-05 | 2.84E-05 | 6.62E-05 |
| 3211 | 3.84E-05 | 2.91E-05 | 6.75E-05 |
| 3212 | 3.84E-05 | 2.94E-05 | 6.78E-05 |
| 3213 | 3.73E-05 | 2.88E-05 | 6.61E-05 |
| 3214 | 1.51E-04 | 3.28E-05 | 1.84E-04 |
| 3215 | 1.67E-04 | 3.44E-05 | 2.01E-04 |
| 3216 | 1.76E-04 | 3.62E-05 | 2.12E-04 |
| 3217 | 1.82E-04 | 3.81E-05 | 2.20E-04 |
| 3218 | 1.86E-04 | 4.01E-05 | 2.26E-04 |
| 3219 | 1.87E-04 | 4.22E-05 | 2.29E-04 |
| 3220 | 1.88E-04 | 4.45E-05 | 2.33E-04 |
| 3221 | 1.91E-04 | 4.69E-05 | 2.38E-04 |
| 3222 | 1.91E-04 | 4.94E-05 | 2.40E-04 |
| 3223 | 1.88E-04 | 5.19E-05 | 2.40E-04 |
| 3224 | 1.88E-04 | 5.46E-05 | 2.43E-04 |
| 3225 | 1.82E-04 | 4.90E-05 | 2.31E-04 |
| 3226 | 1.70E-04 | 3.77E-05 | 2.08E-04 |
| 3227 | 1.06E-04 | 2.78E-05 | 1.34E-04 |
| 3228 | 1.46E-04 | 3.49E-05 | 1.81E-04 |
| 3229 | 1.87E-04 | 4.90E-05 | 2.36E-04 |
| 3230 | 2.06E-04 | 5.10E-05 | 2.57E-04 |
| 3231 | 2.61E-04 | 5.04E-05 | 3.11E-04 |
| 3232 | 2.35E-04 | 4.63E-05 | 2.81E-04 |
| 3233 | 1.42E-04 | 4.39E-05 | 1.86E-04 |
| 3234 | 8.92E-05 | 3.80E-05 | 1.27E-04 |
| 3235 | 6.85E-05 | 3.29E-05 | 1.01E-04 |
| 3236 | 6.20E-05 | 3.24E-05 | 9.44E-05 |
| 3237 | 5.71E-05 | 3.18E-05 | 8.89E-05 |
| 3238 | 5.18E-05 | 3.03E-05 | 8.21E-05 |
| 3239 | 4.90E-05 | 2.99E-05 | 7.89E-05 |
| 3240 | 4.69E-05 | 2.97E-05 | 7.66E-05 |
| 3241 | 4.55E-05 | 2.96E-05 | 7.51E-05 |
| 3242 | 4.44E-05 | 2.97E-05 | 7.41E-05 |
| 3243 | 4.36E-05 | 2.98E-05 | 7.34E-05 |
| 3244 | 4.24E-05 | 2.98E-05 | 7.22E-05 |
| 3245 | 4.17E-05 | 3.00E-05 | 7.17E-05 |
| 3246 | 4.13E-05 | 3.02E-05 | 7.15E-05 |
| 3247 | 4.06E-05 | 3.02E-05 | 7.08E-05 |
| 3248 | 4.06E-05 | 3.04E-05 | 7.10E-05 |

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| 3249 | 4.10E-05 | 3.10E-05 | 7.20E-05 |
| 3250 | 4.19E-05 | 3.19E-05 | 7.38E-05 |
| 3251 | 4.15E-05 | 3.19E-05 | 7.34E-05 |
| 3252 | 4.14E-05 | 3.20E-05 | 7.34E-05 |
| 3253 | 4.00E-05 | 3.11E-05 | 7.11E-05 |
| 3254 | 1.02E-04 | 3.40E-05 | 1.36E-04 |
| 3255 | 1.12E-04 | 3.59E-05 | 1.48E-04 |
| 3256 | 1.20E-04 | 3.78E-05 | 1.58E-04 |
| 3257 | 1.26E-04 | 3.99E-05 | 1.66E-04 |
| 3258 | 1.30E-04 | 4.21E-05 | 1.72E-04 |
| 3259 | 4.59E-05 | 3.51E-05 | 8.10E-05 |
| 3260 | 4.57E-05 | 3.53E-05 | 8.10E-05 |
| 3261 | 4.56E-05 | 3.54E-05 | 8.10E-05 |
| 3262 | 4.47E-05 | 3.49E-05 | 7.96E-05 |
| 3263 | 4.28E-05 | 3.37E-05 | 7.65E-05 |
| 3264 | 8.35E-05 | 3.53E-05 | 1.19E-04 |
| 3265 | 9.06E-05 | 3.73E-05 | 1.28E-04 |
| 3266 | 9.71E-05 | 3.95E-05 | 1.37E-04 |
| 3267 | 1.03E-04 | 4.18E-05 | 1.45E-04 |
| 3268 | 1.08E-04 | 4.43E-05 | 1.52E-04 |
| 3269 | 5.02E-05 | 3.90E-05 | 8.92E-05 |
| 3270 | 5.03E-05 | 3.93E-05 | 8.96E-05 |
| 3271 | 4.99E-05 | 3.91E-05 | 8.90E-05 |
| 3272 | 4.83E-05 | 3.81E-05 | 8.64E-05 |
| 3273 | 4.55E-05 | 3.61E-05 | 8.16E-05 |
| 3274 | 7.48E-05 | 3.66E-05 | 1.11E-04 |
| 3275 | 8.05E-05 | 3.88E-05 | 1.19E-04 |
| 3276 | 8.59E-05 | 4.11E-05 | 1.27E-04 |
| 3277 | 9.11E-05 | 4.37E-05 | 1.35E-04 |
| 3278 | 9.57E-05 | 4.64E-05 | 1.42E-04 |
| 3279 | 5.49E-05 | 4.33E-05 | 9.82E-05 |
| 3280 | 5.40E-05 | 4.28E-05 | 9.68E-05 |
| 3281 | 5.35E-05 | 4.24E-05 | 9.59E-05 |
| 3282 | 5.22E-05 | 4.16E-05 | 9.38E-05 |
| 3283 | 4.88E-05 | 3.90E-05 | 8.78E-05 |
| 3284 | 6.99E-05 | 3.79E-05 | 1.08E-04 |
| 3285 | 7.50E-05 | 4.03E-05 | 1.15E-04 |
| 3286 | 8.00E-05 | 4.29E-05 | 1.23E-04 |
| 3287 | 8.50E-05 | 4.57E-05 | 1.31E-04 |
| 3288 | 8.96E-05 | 4.87E-05 | 1.38E-04 |
| 3289 | 6.01E-05 | 4.81E-05 | 1.08E-04 |
| 3290 | 5.75E-05 | 4.62E-05 | 1.04E-04 |
| 3291 | 5.68E-05 | 4.56E-05 | 1.02E-04 |
| 3292 | 5.61E-05 | 4.49E-05 | 1.01E-04 |
| 3293 | 5.25E-05 | 4.22E-05 | 9.47E-05 |
| 3294 | 6.71E-05 | 3.92E-05 | 1.06E-04 |
| 3295 | 7.17E-05 | 4.18E-05 | 1.14E-04 |
| 3296 | 7.64E-05 | 4.46E-05 | 1.21E-04 |
| 3297 | 8.13E-05 | 4.76E-05 | 1.29E-04 |
| 3298 | 8.63E-05 | 5.10E-05 | 1.37E-04 |

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| 3299 | 6.60E-05 | 5.35E-05 | 1.20E-04 |
| 3300 | 6.14E-05 | 5.00E-05 | 1.11E-04 |
| 3301 | 5.93E-05 | 4.82E-05 | 1.08E-04 |
| 3302 | 5.90E-05 | 4.77E-05 | 1.07E-04 |
| 3303 | 5.60E-05 | 4.54E-05 | 1.01E-04 |
| 3304 | 6.54E-05 | 4.05E-05 | 1.06E-04 |
| 3305 | 6.99E-05 | 4.32E-05 | 1.13E-04 |
| 3306 | 7.46E-05 | 4.63E-05 | 1.21E-04 |
| 3307 | 7.95E-05 | 4.96E-05 | 1.29E-04 |
| 3308 | 8.45E-05 | 5.33E-05 | 1.38E-04 |
| 3309 | 7.11E-05 | 5.83E-05 | 1.29E-04 |
| 3310 | 6.53E-05 | 5.38E-05 | 1.19E-04 |
| 3311 | 6.27E-05 | 5.16E-05 | 1.14E-04 |
| 3312 | 6.02E-05 | 4.94E-05 | 1.10E-04 |
| 3313 | 5.78E-05 | 4.69E-05 | 1.05E-04 |
| 3314 | 6.45E-05 | 4.17E-05 | 1.06E-04 |
| 3315 | 6.89E-05 | 4.47E-05 | 1.14E-04 |
| 3316 | 7.36E-05 | 4.79E-05 | 1.22E-04 |
| 3317 | 7.85E-05 | 5.16E-05 | 1.30E-04 |
| 3318 | 8.44E-05 | 5.57E-05 | 1.40E-04 |
| 3319 | 7.48E-05 | 6.23E-05 | 1.37E-04 |
| 3320 | 6.73E-05 | 5.63E-05 | 1.24E-04 |
| 3321 | 6.39E-05 | 5.30E-05 | 1.17E-04 |
| 3322 | 6.16E-05 | 5.04E-05 | 1.12E-04 |
| 3323 | 5.88E-05 | 4.75E-05 | 1.06E-04 |
| 3324 | 6.40E-05 | 4.29E-05 | 1.07E-04 |
| 3325 | 6.84E-05 | 4.61E-05 | 1.15E-04 |
| 3326 | 7.32E-05 | 4.96E-05 | 1.23E-04 |
| 3327 | 7.84E-05 | 5.35E-05 | 1.32E-04 |
| 3328 | 8.43E-05 | 5.79E-05 | 1.42E-04 |
| 3329 | 7.57E-05 | 6.38E-05 | 1.40E-04 |
| 3330 | 6.73E-05 | 5.64E-05 | 1.24E-04 |
| 3331 | 6.37E-05 | 5.27E-05 | 1.16E-04 |
| 3332 | 6.14E-05 | 5.03E-05 | 1.12E-04 |
| 3333 | 6.02E-05 | 4.88E-05 | 1.09E-04 |
| 3334 | 6.39E-05 | 4.41E-05 | 1.08E-04 |
| 3335 | 6.83E-05 | 4.74E-05 | 1.16E-04 |
| 3336 | 7.31E-05 | 5.11E-05 | 1.24E-04 |
| 3337 | 7.85E-05 | 5.53E-05 | 1.34E-04 |
| 3338 | 8.43E-05 | 6.01E-05 | 1.44E-04 |
| 3339 | 7.73E-05 | 6.48E-05 | 1.42E-04 |
| 3340 | 6.98E-05 | 5.84E-05 | 1.28E-04 |
| 3341 | 6.45E-05 | 5.39E-05 | 1.18E-04 |
| 3342 | 6.23E-05 | 5.17E-05 | 1.14E-04 |
| 3343 | 6.14E-05 | 5.04E-05 | 1.12E-04 |
| 3344 | 6.39E-05 | 4.51E-05 | 1.09E-04 |
| 3345 | 6.85E-05 | 4.87E-05 | 1.17E-04 |
| 3346 | 7.32E-05 | 5.25E-05 | 1.26E-04 |
| 3347 | 7.89E-05 | 5.71E-05 | 1.36E-04 |
| 3348 | 8.50E-05 | 6.21E-05 | 1.47E-04 |

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| 3349 | 7.83E-05 | 6.65E-05 | 1.45E-04 |
| 3350 | 7.23E-05 | 6.13E-05 | 1.34E-04 |
| 3351 | 6.66E-05 | 5.61E-05 | 1.23E-04 |
| 3352 | 6.19E-05 | 5.18E-05 | 1.14E-04 |
| 3353 | 6.08E-05 | 4.99E-05 | 1.11E-04 |
| 3354 | 6.40E-05 | 4.61E-05 | 1.10E-04 |
| 3355 | 6.86E-05 | 4.98E-05 | 1.18E-04 |
| 3356 | 7.37E-05 | 5.39E-05 | 1.28E-04 |
| 3357 | 7.94E-05 | 5.86E-05 | 1.38E-04 |
| 3358 | 8.59E-05 | 6.41E-05 | 1.50E-04 |
| 3359 | 7.79E-05 | 6.67E-05 | 1.45E-04 |
| 3360 | 7.18E-05 | 6.06E-05 | 1.32E-04 |
| 3361 | 6.59E-05 | 5.47E-05 | 1.21E-04 |
| 3362 | 6.11E-05 | 4.99E-05 | 1.11E-04 |
| 3363 | 5.85E-05 | 4.70E-05 | 1.06E-04 |
| 3364 | 6.41E-05 | 4.69E-05 | 1.11E-04 |
| 3365 | 6.88E-05 | 5.08E-05 | 1.20E-04 |
| 3366 | 7.41E-05 | 5.51E-05 | 1.29E-04 |
| 3367 | 7.99E-05 | 6.00E-05 | 1.40E-04 |
| 3368 | 8.65E-05 | 6.57E-05 | 1.52E-04 |
| 3369 | 7.51E-05 | 6.25E-05 | 1.38E-04 |
| 3370 | 6.94E-05 | 5.67E-05 | 1.26E-04 |
| 3371 | 6.66E-05 | 5.35E-05 | 1.20E-04 |
| 3372 | 6.25E-05 | 4.97E-05 | 1.12E-04 |
| 3373 | 5.62E-05 | 4.44E-05 | 1.01E-04 |
| 3374 | 6.40E-05 | 4.75E-05 | 1.12E-04 |
| 3375 | 6.90E-05 | 5.15E-05 | 1.21E-04 |
| 3376 | 7.44E-05 | 5.61E-05 | 1.31E-04 |
| 3377 | 8.01E-05 | 6.10E-05 | 1.41E-04 |
| 3378 | 8.71E-05 | 6.70E-05 | 1.54E-04 |
| 3379 | 7.82E-05 | 6.33E-05 | 1.42E-04 |
| 3380 | 7.33E-05 | 5.89E-05 | 1.32E-04 |
| 3381 | 6.88E-05 | 5.51E-05 | 1.24E-04 |
| 3382 | 6.00E-05 | 4.78E-05 | 1.08E-04 |
| 3383 | 5.30E-05 | 4.22E-05 | 9.52E-05 |
| 3384 | 6.41E-05 | 4.80E-05 | 1.12E-04 |
| 3385 | 6.88E-05 | 5.20E-05 | 1.21E-04 |
| 3386 | 7.42E-05 | 5.66E-05 | 1.31E-04 |
| 3387 | 8.03E-05 | 6.18E-05 | 1.42E-04 |
| 3388 | 8.73E-05 | 6.79E-05 | 1.55E-04 |
| 3389 | 8.42E-05 | 6.83E-05 | 1.53E-04 |
| 3390 | 7.85E-05 | 6.34E-05 | 1.42E-04 |
| 3391 | 6.45E-05 | 5.17E-05 | 1.16E-04 |
| 3392 | 5.79E-05 | 4.61E-05 | 1.04E-04 |
| 3393 | 5.14E-05 | 4.08E-05 | 9.22E-05 |
| 3394 | 6.42E-05 | 4.85E-05 | 1.13E-04 |
| 3395 | 6.92E-05 | 5.26E-05 | 1.22E-04 |
| 3396 | 7.45E-05 | 5.72E-05 | 1.32E-04 |
| 3397 | 8.07E-05 | 6.26E-05 | 1.43E-04 |
| 3398 | 8.80E-05 | 6.89E-05 | 1.57E-04 |

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| 3399 | 8.77E-05 | 7.07E-05 | 1.58E-04 |
| 3400 | 7.91E-05 | 6.33E-05 | 1.42E-04 |
| 3401 | 6.20E-05 | 4.92E-05 | 1.11E-04 |
| 3402 | 5.41E-05 | 4.28E-05 | 9.69E-05 |
| 3403 | 4.95E-05 | 3.90E-05 | 8.85E-05 |
| 3404 | 6.43E-05 | 4.88E-05 | 1.13E-04 |
| 3405 | 6.93E-05 | 5.30E-05 | 1.22E-04 |
| 3406 | 7.49E-05 | 5.77E-05 | 1.33E-04 |
| 3407 | 8.13E-05 | 6.32E-05 | 1.45E-04 |
| 3408 | 8.85E-05 | 6.95E-05 | 1.58E-04 |
| 3409 | 8.61E-05 | 6.98E-05 | 1.56E-04 |
| 3410 | 8.94E-05 | 7.31E-05 | 1.63E-04 |
| 3411 | 7.20E-05 | 5.77E-05 | 1.30E-04 |
| 3412 | 5.91E-05 | 4.71E-05 | 1.06E-04 |
| 3413 | 4.99E-05 | 3.98E-05 | 8.97E-05 |
| 3414 | 6.41E-05 | 4.89E-05 | 1.13E-04 |
| 3415 | 6.89E-05 | 5.30E-05 | 1.22E-04 |
| 3416 | 7.45E-05 | 5.77E-05 | 1.32E-04 |
| 3417 | 8.09E-05 | 6.32E-05 | 1.44E-04 |
| 3418 | 8.83E-05 | 6.96E-05 | 1.58E-04 |
| 3419 | 8.41E-05 | 6.87E-05 | 1.53E-04 |
| 3420 | 9.32E-05 | 7.71E-05 | 1.70E-04 |
| 3421 | 8.24E-05 | 6.74E-05 | 1.50E-04 |
| 3422 | 6.33E-05 | 5.08E-05 | 1.14E-04 |
| 3423 | 5.24E-05 | 4.21E-05 | 9.45E-05 |
| 3424 | 6.37E-05 | 4.88E-05 | 1.13E-04 |
| 3425 | 6.87E-05 | 5.29E-05 | 1.22E-04 |
| 3426 | 7.41E-05 | 5.76E-05 | 1.32E-04 |
| 3427 | 8.04E-05 | 6.31E-05 | 1.44E-04 |
| 3428 | 8.72E-05 | 6.92E-05 | 1.56E-04 |
| 3429 | 8.54E-05 | 7.01E-05 | 1.56E-04 |
| 3430 | 9.38E-05 | 7.77E-05 | 1.72E-04 |
| 3431 | 9.18E-05 | 7.62E-05 | 1.68E-04 |
| 3432 | 7.68E-05 | 6.25E-05 | 1.39E-04 |
| 3433 | 6.04E-05 | 4.83E-05 | 1.09E-04 |
| 3434 | 6.31E-05 | 4.85E-05 | 1.12E-04 |
| 3435 | 6.79E-05 | 5.25E-05 | 1.20E-04 |
| 3436 | 7.31E-05 | 5.71E-05 | 1.30E-04 |
| 3437 | 7.94E-05 | 6.24E-05 | 1.42E-04 |
| 3438 | 8.62E-05 | 6.85E-05 | 1.55E-04 |
| 3439 | 8.61E-05 | 7.09E-05 | 1.57E-04 |
| 3440 | 1.01E-04 | 8.43E-05 | 1.85E-04 |
| 3441 | 9.30E-05 | 7.71E-05 | 1.70E-04 |
| 3442 | 8.35E-05 | 6.87E-05 | 1.52E-04 |
| 3443 | 7.24E-05 | 5.89E-05 | 1.31E-04 |
| 3444 | 6.21E-05 | 4.79E-05 | 1.10E-04 |
| 3445 | 6.68E-05 | 5.19E-05 | 1.19E-04 |
| 3446 | 7.20E-05 | 5.63E-05 | 1.28E-04 |
| 3447 | 7.77E-05 | 6.14E-05 | 1.39E-04 |
| 3448 | 8.43E-05 | 6.72E-05 | 1.52E-04 |

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| 3449 | 9.22E-05 | 7.55E-05 | 1.68E-04 |
| 3450 | 9.97E-05 | 8.21E-05 | 1.82E-04 |
| 3451 | 9.19E-05 | 7.53E-05 | 1.67E-04 |
| 3452 | 8.50E-05 | 6.94E-05 | 1.54E-04 |
| 3453 | 7.83E-05 | 6.37E-05 | 1.42E-04 |
| 3454 | 6.10E-05 | 4.72E-05 | 1.08E-04 |
| 3455 | 6.54E-05 | 5.10E-05 | 1.16E-04 |
| 3456 | 7.01E-05 | 5.51E-05 | 1.25E-04 |
| 3457 | 7.55E-05 | 5.99E-05 | 1.35E-04 |
| 3458 | 8.17E-05 | 6.54E-05 | 1.47E-04 |
| 3459 | 9.63E-05 | 7.77E-05 | 1.74E-04 |
| 3460 | 9.70E-05 | 7.77E-05 | 1.75E-04 |
| 3461 | 8.98E-05 | 7.16E-05 | 1.61E-04 |
| 3462 | 8.34E-05 | 6.64E-05 | 1.50E-04 |
| 3463 | 7.76E-05 | 6.17E-05 | 1.39E-04 |
| 3464 | 6.31E-05 | 4.98E-05 | 1.13E-04 |
| 3465 | 6.50E-05 | 5.02E-05 | 1.15E-04 |
| 3466 | 7.79E-05 | 6.36E-05 | 1.42E-04 |
| 3467 | 8.24E-05 | 6.74E-05 | 1.50E-04 |
| 3468 | 7.87E-05 | 6.34E-05 | 1.42E-04 |
| 3469 | 9.82E-05 | 7.68E-05 | 1.75E-04 |
| 3470 | 9.49E-05 | 7.31E-05 | 1.68E-04 |
| 3471 | 8.81E-05 | 6.75E-05 | 1.56E-04 |
| 3472 | 8.17E-05 | 6.28E-05 | 1.45E-04 |
| 3473 | 7.61E-05 | 5.84E-05 | 1.35E-04 |
| 3474 | 6.60E-05 | 5.33E-05 | 1.19E-04 |
| 3475 | 6.92E-05 | 5.60E-05 | 1.25E-04 |
| 3476 | 7.55E-05 | 6.19E-05 | 1.37E-04 |
| 3477 | 7.91E-05 | 6.50E-05 | 1.44E-04 |
| 3478 | 7.97E-05 | 6.36E-05 | 1.43E-04 |
| 3479 | 1.05E-04 | 7.49E-05 | 1.80E-04 |
| 3480 | 9.71E-05 | 6.90E-05 | 1.66E-04 |
| 3481 | 8.97E-05 | 6.38E-05 | 1.54E-04 |
| 3482 | 8.29E-05 | 5.93E-05 | 1.42E-04 |
| 3483 | 7.66E-05 | 5.54E-05 | 1.32E-04 |
| 3484 | 6.42E-05 | 5.23E-05 | 1.17E-04 |
| 3485 | 6.74E-05 | 5.50E-05 | 1.22E-04 |
| 3486 | 7.08E-05 | 5.81E-05 | 1.29E-04 |
| 3487 | 7.44E-05 | 6.13E-05 | 1.36E-04 |
| 3488 | 7.75E-05 | 6.36E-05 | 1.41E-04 |
| 3489 | 9.77E-05 | 5.62E-05 | 1.54E-04 |
| 3490 | 8.57E-05 | 5.26E-05 | 1.38E-04 |
| 3491 | 5.93E-05 | 4.80E-05 | 1.07E-04 |
| 3492 | 6.24E-05 | 5.07E-05 | 1.13E-04 |
| 3493 | 6.54E-05 | 5.33E-05 | 1.19E-04 |
| 3494 | 6.86E-05 | 5.62E-05 | 1.25E-04 |
| 3495 | 7.25E-05 | 5.96E-05 | 1.32E-04 |
| 3496 | 9.57E-05 | 5.39E-05 | 1.50E-04 |
| 3497 | 5.42E-05 | 4.35E-05 | 9.77E-05 |
| 3498 | 5.68E-05 | 4.58E-05 | 1.03E-04 |

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| 3499 | 6.05E-05 | 4.92E-05 | 1.10E-04 |
| 3500 | 6.43E-05 | 5.26E-05 | 1.17E-04 |
| 3501 | 6.76E-05 | 5.56E-05 | 1.23E-04 |
| 3502 | 7.40E-05 | 5.19E-05 | 1.26E-04 |
| 3503 | 7.06E-05 | 4.87E-05 | 1.19E-04 |
| 3504 | 4.99E-05 | 3.98E-05 | 8.97E-05 |
| 3505 | 5.26E-05 | 4.22E-05 | 9.48E-05 |
| 3506 | 5.63E-05 | 4.56E-05 | 1.02E-04 |
| 3507 | 5.93E-05 | 4.84E-05 | 1.08E-04 |
| 3508 | 6.21E-05 | 5.08E-05 | 1.13E-04 |
| 3509 | 7.82E-05 | 6.06E-05 | 1.39E-04 |
| 3510 | 7.43E-05 | 5.69E-05 | 1.31E-04 |
| 3511 | 7.03E-05 | 5.32E-05 | 1.24E-04 |
| 3512 | 6.64E-05 | 4.98E-05 | 1.16E-04 |
| 3513 | 6.29E-05 | 4.67E-05 | 1.10E-04 |
| 3514 | 4.59E-05 | 3.63E-05 | 8.22E-05 |
| 3515 | 4.90E-05 | 3.91E-05 | 8.81E-05 |
| 3516 | 5.21E-05 | 4.19E-05 | 9.40E-05 |
| 3517 | 5.48E-05 | 4.43E-05 | 9.91E-05 |
| 3518 | 5.73E-05 | 4.65E-05 | 1.04E-04 |
| 3519 | 7.32E-05 | 5.77E-05 | 1.31E-04 |
| 3520 | 6.89E-05 | 5.37E-05 | 1.23E-04 |
| 3521 | 6.55E-05 | 5.07E-05 | 1.16E-04 |
| 3522 | 6.20E-05 | 4.76E-05 | 1.10E-04 |
| 3523 | 5.86E-05 | 4.48E-05 | 1.03E-04 |
| 3524 | 4.23E-05 | 3.32E-05 | 7.55E-05 |
| 3525 | 4.56E-05 | 3.62E-05 | 8.18E-05 |
| 3526 | 4.87E-05 | 3.90E-05 | 8.77E-05 |
| 3527 | 5.12E-05 | 4.12E-05 | 9.24E-05 |
| 3528 | 5.39E-05 | 4.36E-05 | 9.75E-05 |
| 3529 | 6.94E-05 | 5.54E-05 | 1.25E-04 |
| 3530 | 6.53E-05 | 5.17E-05 | 1.17E-04 |
| 3531 | 6.15E-05 | 4.83E-05 | 1.10E-04 |
| 3532 | 5.79E-05 | 4.52E-05 | 1.03E-04 |
| 3533 | 5.48E-05 | 4.26E-05 | 9.74E-05 |
| 3534 | 3.90E-05 | 3.04E-05 | 6.94E-05 |
| 3535 | 4.24E-05 | 3.34E-05 | 7.58E-05 |
| 3536 | 4.56E-05 | 3.63E-05 | 8.19E-05 |
| 3537 | 4.79E-05 | 3.83E-05 | 8.62E-05 |
| 3538 | 5.06E-05 | 4.07E-05 | 9.13E-05 |
| 3539 | 6.67E-05 | 5.39E-05 | 1.21E-04 |
| 3540 | 6.21E-05 | 4.96E-05 | 1.12E-04 |
| 3541 | 5.86E-05 | 4.65E-05 | 1.05E-04 |
| 3542 | 5.53E-05 | 4.36E-05 | 9.89E-05 |
| 3543 | 5.23E-05 | 4.11E-05 | 9.34E-05 |
| 3544 | 3.67E-05 | 2.85E-05 | 6.52E-05 |
| 3545 | 4.00E-05 | 3.14E-05 | 7.14E-05 |
| 3546 | 4.28E-05 | 3.39E-05 | 7.67E-05 |
| 3547 | 4.48E-05 | 3.56E-05 | 8.04E-05 |
| 3548 | 4.74E-05 | 3.79E-05 | 8.53E-05 |

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| 3549 | 6.33E-05 | 5.12E-05 | 1.15E-04 |
| 3550 | 5.94E-05 | 4.77E-05 | 1.07E-04 |
| 3551 | 5.60E-05 | 4.47E-05 | 1.01E-04 |
| 3552 | 5.30E-05 | 4.21E-05 | 9.51E-05 |
| 3553 | 5.01E-05 | 3.96E-05 | 8.97E-05 |
| 3554 | 3.53E-05 | 2.74E-05 | 6.27E-05 |
| 3555 | 3.76E-05 | 2.94E-05 | 6.70E-05 |
| 3556 | 4.01E-05 | 3.16E-05 | 7.17E-05 |
| 3557 | 4.21E-05 | 3.33E-05 | 7.54E-05 |
| 3558 | 4.46E-05 | 3.55E-05 | 8.01E-05 |
| 3559 | 4.77E-05 | 3.83E-05 | 8.60E-05 |
| 3560 | 5.16E-05 | 4.18E-05 | 9.34E-05 |
| 3561 | 5.50E-05 | 4.50E-05 | 1.00E-04 |
| 3562 | 5.80E-05 | 4.77E-05 | 1.06E-04 |
| 3563 | 6.13E-05 | 5.05E-05 | 1.12E-04 |
| 3564 | 6.48E-05 | 5.37E-05 | 1.19E-04 |
| 3565 | 6.81E-05 | 5.66E-05 | 1.25E-04 |
| 3566 | 7.06E-05 | 5.88E-05 | 1.29E-04 |
| 3567 | 7.28E-05 | 6.07E-05 | 1.34E-04 |
| 3568 | 7.33E-05 | 6.09E-05 | 1.34E-04 |
| 3569 | 7.77E-05 | 6.50E-05 | 1.43E-04 |
| 3570 | 8.30E-05 | 6.99E-05 | 1.53E-04 |
| 3571 | 8.75E-05 | 7.38E-05 | 1.61E-04 |
| 3572 | 9.15E-05 | 7.76E-05 | 1.69E-04 |
| 3573 | 9.41E-05 | 8.00E-05 | 1.74E-04 |
| 3574 | 9.55E-05 | 8.13E-05 | 1.77E-04 |
| 3575 | 9.61E-05 | 8.22E-05 | 1.78E-04 |
| 3576 | 9.73E-05 | 8.31E-05 | 1.80E-04 |
| 3577 | 9.89E-05 | 8.44E-05 | 1.83E-04 |
| 3578 | 9.98E-05 | 8.53E-05 | 1.85E-04 |
| 3579 | 1.00E-04 | 8.56E-05 | 1.86E-04 |
| 3580 | 1.00E-04 | 8.55E-05 | 1.86E-04 |
| 3581 | 9.73E-05 | 8.28E-05 | 1.80E-04 |
| 3582 | 9.29E-05 | 7.88E-05 | 1.72E-04 |
| 3583 | 9.00E-05 | 7.62E-05 | 1.66E-04 |
| 3584 | 8.63E-05 | 7.29E-05 | 1.59E-04 |
| 3585 | 7.99E-05 | 6.67E-05 | 1.47E-04 |
| 3586 | 7.40E-05 | 6.10E-05 | 1.35E-04 |
| 3587 | 7.04E-05 | 5.77E-05 | 1.28E-04 |
| 3588 | 6.68E-05 | 5.44E-05 | 1.21E-04 |
| 3589 | 6.34E-05 | 5.14E-05 | 1.15E-04 |
| 3590 | 6.03E-05 | 4.88E-05 | 1.09E-04 |
| 3591 | 5.66E-05 | 4.55E-05 | 1.02E-04 |
| 3592 | 5.39E-05 | 4.32E-05 | 9.71E-05 |
| 3593 | 5.10E-05 | 4.07E-05 | 9.17E-05 |
| 3594 | 4.82E-05 | 3.83E-05 | 8.65E-05 |
| 3595 | 3.30E-05 | 2.55E-05 | 5.85E-05 |
| 3596 | 3.53E-05 | 2.74E-05 | 6.27E-05 |
| 3597 | 3.79E-05 | 2.97E-05 | 6.76E-05 |
| 3598 | 3.99E-05 | 3.14E-05 | 7.13E-05 |

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| 3599 | 4.23E-05 | 3.36E-05 | 7.59E-05 |
| 3600 | 4.55E-05 | 3.64E-05 | 8.19E-05 |
| 3601 | 4.91E-05 | 3.97E-05 | 8.88E-05 |
| 3602 | 5.23E-05 | 4.27E-05 | 9.50E-05 |
| 3603 | 5.51E-05 | 4.51E-05 | 1.00E-04 |
| 3604 | 5.80E-05 | 4.77E-05 | 1.06E-04 |
| 3605 | 6.07E-05 | 5.01E-05 | 1.11E-04 |
| 3606 | 6.33E-05 | 5.24E-05 | 1.16E-04 |
| 3607 | 6.56E-05 | 5.43E-05 | 1.20E-04 |
| 3608 | 6.70E-05 | 5.54E-05 | 1.22E-04 |
| 3609 | 6.49E-05 | 5.33E-05 | 1.18E-04 |
| 3610 | 7.07E-05 | 5.87E-05 | 1.29E-04 |
| 3611 | 7.62E-05 | 6.38E-05 | 1.40E-04 |
| 3612 | 8.02E-05 | 6.73E-05 | 1.48E-04 |
| 3613 | 8.32E-05 | 7.01E-05 | 1.53E-04 |
| 3614 | 8.57E-05 | 7.25E-05 | 1.58E-04 |
| 3615 | 8.68E-05 | 7.35E-05 | 1.60E-04 |
| 3616 | 8.70E-05 | 7.39E-05 | 1.61E-04 |
| 3617 | 8.76E-05 | 7.42E-05 | 1.62E-04 |
| 3618 | 8.82E-05 | 7.46E-05 | 1.63E-04 |
| 3619 | 8.77E-05 | 7.42E-05 | 1.62E-04 |
| 3620 | 8.84E-05 | 7.46E-05 | 1.63E-04 |
| 3621 | 8.46E-05 | 7.07E-05 | 1.55E-04 |
| 3622 | 7.83E-05 | 6.48E-05 | 1.43E-04 |
| 3623 | 6.83E-05 | 5.60E-05 | 1.24E-04 |
| 3624 | 7.26E-05 | 5.98E-05 | 1.32E-04 |
| 3625 | 8.04E-05 | 6.77E-05 | 1.48E-04 |
| 3626 | 7.71E-05 | 6.47E-05 | 1.42E-04 |
| 3627 | 7.35E-05 | 6.13E-05 | 1.35E-04 |
| 3628 | 6.84E-05 | 5.64E-05 | 1.25E-04 |
| 3629 | 6.34E-05 | 5.16E-05 | 1.15E-04 |
| 3630 | 6.05E-05 | 4.91E-05 | 1.10E-04 |
| 3631 | 5.79E-05 | 4.70E-05 | 1.05E-04 |
| 3632 | 5.51E-05 | 4.46E-05 | 9.97E-05 |
| 3633 | 5.19E-05 | 4.17E-05 | 9.36E-05 |
| 3634 | 4.92E-05 | 3.94E-05 | 8.86E-05 |
| 3635 | 4.67E-05 | 3.72E-05 | 8.39E-05 |
| 3636 | 3.16E-05 | 2.43E-05 | 5.59E-05 |
| 3637 | 3.36E-05 | 2.60E-05 | 5.96E-05 |
| 3638 | 3.60E-05 | 2.81E-05 | 6.41E-05 |
| 3639 | 3.84E-05 | 3.02E-05 | 6.86E-05 |
| 3640 | 4.12E-05 | 3.27E-05 | 7.39E-05 |
| 3641 | 4.41E-05 | 3.54E-05 | 7.95E-05 |
| 3642 | 4.70E-05 | 3.80E-05 | 8.50E-05 |
| 3643 | 4.97E-05 | 4.05E-05 | 9.02E-05 |
| 3644 | 5.24E-05 | 4.28E-05 | 9.52E-05 |
| 3645 | 5.46E-05 | 4.47E-05 | 9.93E-05 |
| 3646 | 5.68E-05 | 4.67E-05 | 1.04E-04 |
| 3647 | 5.88E-05 | 4.85E-05 | 1.07E-04 |
| 3648 | 6.06E-05 | 4.99E-05 | 1.11E-04 |

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| 3649 | 6.25E-05 | 5.16E-05 | 1.14E-04 |
| 3650 | 6.27E-05 | 5.16E-05 | 1.14E-04 |
| 3651 | 6.37E-05 | 5.24E-05 | 1.16E-04 |
| 3652 | 6.77E-05 | 5.59E-05 | 1.24E-04 |
| 3653 | 7.22E-05 | 6.00E-05 | 1.32E-04 |
| 3654 | 7.53E-05 | 6.30E-05 | 1.38E-04 |
| 3655 | 7.75E-05 | 6.50E-05 | 1.43E-04 |
| 3656 | 7.85E-05 | 6.60E-05 | 1.45E-04 |
| 3657 | 7.86E-05 | 6.63E-05 | 1.45E-04 |
| 3658 | 7.88E-05 | 6.62E-05 | 1.45E-04 |
| 3659 | 7.82E-05 | 6.54E-05 | 1.44E-04 |
| 3660 | 7.58E-05 | 6.31E-05 | 1.39E-04 |
| 3661 | 6.98E-05 | 5.74E-05 | 1.27E-04 |
| 3662 | 5.78E-05 | 4.74E-05 | 1.05E-04 |
| 3663 | 5.55E-05 | 4.57E-05 | 1.01E-04 |
| 3664 | 5.29E-05 | 4.38E-05 | 9.67E-05 |
| 3665 | 5.73E-05 | 4.68E-05 | 1.04E-04 |
| 3666 | 6.44E-05 | 5.25E-05 | 1.17E-04 |
| 3667 | 5.87E-05 | 4.75E-05 | 1.06E-04 |
| 3668 | 6.72E-05 | 5.55E-05 | 1.23E-04 |
| 3669 | 6.51E-05 | 5.37E-05 | 1.19E-04 |
| 3670 | 6.03E-05 | 4.91E-05 | 1.09E-04 |
| 3671 | 5.77E-05 | 4.68E-05 | 1.05E-04 |
| 3672 | 5.56E-05 | 4.51E-05 | 1.01E-04 |
| 3673 | 5.32E-05 | 4.31E-05 | 9.63E-05 |
| 3674 | 5.02E-05 | 4.05E-05 | 9.07E-05 |
| 3675 | 4.77E-05 | 3.83E-05 | 8.60E-05 |
| 3676 | 4.54E-05 | 3.63E-05 | 8.17E-05 |
| 3677 | 3.02E-05 | 2.32E-05 | 5.34E-05 |
| 3678 | 3.22E-05 | 2.49E-05 | 5.71E-05 |
| 3679 | 3.47E-05 | 2.71E-05 | 6.18E-05 |
| 3680 | 3.69E-05 | 2.91E-05 | 6.60E-05 |
| 3681 | 3.95E-05 | 3.14E-05 | 7.09E-05 |
| 3682 | 4.20E-05 | 3.36E-05 | 7.56E-05 |
| 3683 | 4.44E-05 | 3.58E-05 | 8.02E-05 |
| 3684 | 4.73E-05 | 3.83E-05 | 8.56E-05 |
| 3685 | 4.97E-05 | 4.04E-05 | 9.01E-05 |
| 3686 | 5.18E-05 | 4.24E-05 | 9.42E-05 |
| 3687 | 5.32E-05 | 4.35E-05 | 9.67E-05 |
| 3688 | 5.44E-05 | 4.45E-05 | 9.89E-05 |
| 3689 | 5.55E-05 | 4.53E-05 | 1.01E-04 |
| 3690 | 5.65E-05 | 4.62E-05 | 1.03E-04 |
| 3691 | 5.66E-05 | 4.61E-05 | 1.03E-04 |
| 3692 | 5.67E-05 | 4.61E-05 | 1.03E-04 |
| 3693 | 5.98E-05 | 4.87E-05 | 1.09E-04 |
| 3694 | 6.53E-05 | 5.38E-05 | 1.19E-04 |
| 3695 | 6.78E-05 | 5.62E-05 | 1.24E-04 |
| 3696 | 6.96E-05 | 5.78E-05 | 1.27E-04 |
| 3697 | 7.09E-05 | 5.91E-05 | 1.30E-04 |
| 3698 | 7.13E-05 | 5.96E-05 | 1.31E-04 |

| | | | |
|---|---|---|---|
| 3699 | 6.96E-05 | 5.77E-05 | 1.27E-04 |
| 3700 | 6.85E-05 | 5.65E-05 | 1.25E-04 |
| 3701 | 6.45E-05 | 5.29E-05 | 1.17E-04 |
| 3702 | 5.70E-05 | 4.64E-05 | 1.03E-04 |
| 3703 | 5.10E-05 | 4.17E-05 | 9.27E-05 |
| 3704 | 4.87E-05 | 4.01E-05 | 8.88E-05 |
| 3705 | 4.79E-05 | 3.96E-05 | 8.75E-05 |
| 3706 | 4.99E-05 | 4.09E-05 | 9.08E-05 |
| 3707 | 5.32E-05 | 4.32E-05 | 9.64E-05 |
| 3708 | 4.89E-05 | 3.96E-05 | 8.85E-05 |
| 3709 | 4.87E-05 | 3.92E-05 | 8.79E-05 |
| 3710 | 6.02E-05 | 4.93E-05 | 1.10E-04 |
| 3711 | 5.87E-05 | 4.81E-05 | 1.07E-04 |
| 3712 | 5.59E-05 | 4.56E-05 | 1.02E-04 |
| 3713 | 5.35E-05 | 4.35E-05 | 9.70E-05 |
| 3714 | 5.10E-05 | 4.13E-05 | 9.23E-05 |
| 3715 | 4.87E-05 | 3.93E-05 | 8.80E-05 |
| 3716 | 4.63E-05 | 3.73E-05 | 8.36E-05 |
| 3717 | 4.41E-05 | 3.54E-05 | 7.95E-05 |
| 3718 | 2.83E-05 | 2.16E-05 | 4.99E-05 |
| 3719 | 3.04E-05 | 2.34E-05 | 5.38E-05 |
| 3720 | 3.34E-05 | 2.60E-05 | 5.94E-05 |
| 3721 | 3.52E-05 | 2.76E-05 | 6.28E-05 |
| 3722 | 3.73E-05 | 2.95E-05 | 6.68E-05 |
| 3723 | 3.99E-05 | 3.18E-05 | 7.17E-05 |
| 3724 | 4.26E-05 | 3.42E-05 | 7.68E-05 |
| 3725 | 4.51E-05 | 3.65E-05 | 8.16E-05 |
| 3726 | 4.70E-05 | 3.82E-05 | 8.52E-05 |
| 3727 | 4.87E-05 | 3.97E-05 | 8.84E-05 |
| 3728 | 4.99E-05 | 4.06E-05 | 9.05E-05 |
| 3729 | 5.00E-05 | 4.06E-05 | 9.06E-05 |
| 3730 | 5.09E-05 | 4.12E-05 | 9.21E-05 |
| 3731 | 5.11E-05 | 4.13E-05 | 9.24E-05 |
| 3732 | 5.06E-05 | 4.08E-05 | 9.14E-05 |
| 3733 | 5.07E-05 | 4.08E-05 | 9.15E-05 |
| 3734 | 5.41E-05 | 4.38E-05 | 9.79E-05 |
| 3735 | 5.80E-05 | 4.72E-05 | 1.05E-04 |
| 3736 | 6.07E-05 | 4.98E-05 | 1.11E-04 |
| 3737 | 6.24E-05 | 5.13E-05 | 1.14E-04 |
| 3738 | 6.40E-05 | 5.29E-05 | 1.17E-04 |
| 3739 | 6.29E-05 | 5.20E-05 | 1.15E-04 |
| 3740 | 6.13E-05 | 5.03E-05 | 1.12E-04 |
| 3741 | 5.18E-05 | 4.19E-05 | 9.37E-05 |
| 3742 | 5.29E-05 | 4.30E-05 | 9.59E-05 |
| 3743 | 5.25E-05 | 4.26E-05 | 9.51E-05 |
| 3744 | 4.62E-05 | 3.77E-05 | 8.39E-05 |
| 3745 | 4.45E-05 | 3.66E-05 | 8.11E-05 |
| 3746 | 4.37E-05 | 3.61E-05 | 7.98E-05 |
| 3747 | 4.35E-05 | 3.58E-05 | 7.93E-05 |
| 3748 | 4.34E-05 | 3.56E-05 | 7.90E-05 |

| | | | |
|---|---|---|---|
| 3749 | 4.29E-05 | 3.50E-05 | 7.79E-05 |
| 3750 | 4.54E-05 | 3.65E-05 | 8.19E-05 |
| 3751 | 5.52E-05 | 4.48E-05 | 1.00E-04 |
| 3752 | 5.63E-05 | 4.62E-05 | 1.03E-04 |
| 3753 | 5.37E-05 | 4.38E-05 | 9.75E-05 |
| 3754 | 5.13E-05 | 4.17E-05 | 9.30E-05 |
| 3755 | 4.89E-05 | 3.95E-05 | 8.84E-05 |
| 3756 | 4.68E-05 | 3.78E-05 | 8.46E-05 |
| 3757 | 4.48E-05 | 3.61E-05 | 8.09E-05 |
| 3758 | 4.28E-05 | 3.44E-05 | 7.72E-05 |
| | | | |
| | | | 2.66E-03 |

| | Horizon Year plus Project Intersection Volumes | | |
|---|---|---|---|
| **Intersection** | **AM** | **PM** | |
| **North Woodside Avenue/S Woodisde Ave/SR-67 Southbound Off-ramp intersection** | 360 | 285 | NBL |
| | 10 | 7 | NBT |
| | 0 | 0 | NBR |
| | 0 | 0 | SBL |
| | 16 | 35 | SBT |
| | 214 | 593 | SBR |
| | 448 | 198 | EBL |
| | 0 | 0 | EBT |
| | 478 | 963 | EBR |
| | 11 | 10 | WBL |
| | 591 | 557 | WBT |
| | 40 | 14 | WBR |
| **Hourly Total** | **2,168** | **2,662** | |
| **Daily Total (Estimated from Hourly Total)** | **27,100** | **26,620** | |
| **Is the Daily Total>100,000** | **No** | **No** | |

Source: Transportation Impact Study Palisade Santee Commerce Center Project, Ocotber 2024, Prepared by Dudek

# Appendix C

CAP Consistency Checklist

# APPENDIX D

# SUSTAINABLE SANTEE ACTION PLAN

# CONSISTENCY CHECKLIST

# Sustainable Santee Action Plan Consistency and Implementation Tracking Checklist

The Sustainable Santee Action Plan Project Consistency Checklist (Checklist) is intended to be a tool for development projects to demonstrate consistency with Santee's (City's) Sustainable Santee Action Plan, which is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with California Environmental Quality Act (CEQA) Guidelines Section 15183.5. This Checklist has been developed as part of the Sustainable Santee Action Plan implementation and monitoring process and will support the achievement of individual GHG reduction measures as well as the City's overall GHG reduction goals. In addition, this Checklist will further the City's sustainability goals and policies that encourage sustainable development and aim to conserve and reduce the consumption of resources, such as energy and water, among others.

CEQA Guidelines Section 15183.5 allows lead agencies to analyze the impacts associated with GHG emissions at a programmatic level in plan-level documents such as Climate Action Plans or sustainability plans, so that project-level environmental documents may tier from the programmatic review. Projects that meet the requirements of this Checklist will be deemed to be consistent with the Sustainable Santee Action Plan and will be found to have a less than significant contribution to cumulative GHG (i.e., the project's incremental contribution to cumulative GHG effects is not cumulatively considerable), pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b). Projects that do not meet the requirements in this Checklist will be deemed to be inconsistent with the Sustainable Santee Action Plan and must prepare a project-specific analysis of GHG emissions, including quantification of existing and projected GHG emissions and incorporation of the measures in this Checklist to the extent feasible. This GHG Checklist can be updated to reflect adoption of new GHG reduction strategies or to comply with any changes and updates in the Plan or local, State or federal regulations.

| 1. Project Information | |
|---|---|
| **Contact Information** | |
| **Project No./Name:** | Palisade Santee Commerce Center Project |
| **Address:** | 10990 N. Woodside Avenue |
| **Applicant Name:** | North Palisades Partners |
| **Contact Information:** | William Jacobs, Senior Development Manager |
| | |
| | |
| **Project Description Characteristics** | |
| **1. What is the size of the Project (acres)?** | 13.49 |
| **2. Identify all Applicable Proposed Land uses:** | Warehousing and Distribution |
| **a. Residential-Single Family (Indicate number of single-family units)** | N/A |
| **b. Residential-Multifamily (Indicate number of multifamily units)** | N/A |
| **c. Commercial (total square footage)** | 300,145 |
| **d. Industrial (total square footage)** | |
| **e. Other (describe)** | |
| **3. Provide a brief description of the project proposed:** | The Project would include 291,290SF of warehouse and 10,000SF of associated office space. |

| 2. Determining Land Use Consistency | | |
|---|---|---|
| **Checklist Item** | | |
| **As the first step in determining the consistency with the Sustainable Santee Action Plan for the discretionary development projects, this section allows the City to determine the project's consistency with the land use assumptions used in the Plan.** | | |
| | **Yes** | **No** |
| **1. Is the proposed project consistent with the existing General Plan and land use zoning designations? OR** | X | |
| **2. If the proposed project is not consistent with the existing land use plan and zoning designations, does the project include a land use plan and/or zoning designation amendment that is identified in the Sustainable Santee Action Plan Land Use Buffer (see Appendix A, Table 11)?** | | |
| **3. If the proposed project is not consistent with the existing land use plan, zoning designations, or Land Use Buffer, does the project include a land use plan and/or zoning designation ammendment that will result in an equivalent or less GHG-intensive project when compared to the existing designations?** | | |

Notes:

For questions 1, if the answer is **Yes**, proceed to the Sustainable Santee Action Plan Consistency Checklist. If the answer is **No**, procced to question 2.

For question 2, if the answer is **Yes**, proceed to the Sustainable Santee Action Plan Consistency Checklist. If the answer is **No**, proceed to question 3.

For question 3, if the answer is **Yes** provide estimated project emissions under both existing and proposed designation (s) for comparison. Compare the maximum buildout of the existing designation and the maximum buildout of the proposed designation. If the answer of question 3 is **No** then, in accordance with the City's Significance Determination Thresholds, the project's GHG impact may be significant. The project must nonetheless incorporate each of the applicable measures identified in the Checklist to mitigate cumulative GHG emissions impacts unless the decision maker finds that a measure is infeasible in accordance with CEQA Guidelines Section 15091.

| Sustainable Santee Action Plan CEQA Project Consistency Checklist | | | | | Notes |
|---|---|---|---|---|---|
| **Greenhouse Gas Reduction Measure** | **Measure Applicability** | | | | This checklist is to be filled out by the applicant |
| | **Yes** | **No** | **N/A** | **Description** | |
| **Emissions Measures Category: Energy Efficiency** | | | | | |
| **Land Use Sector-Residential** | | | | | Measure 1.1 is not on checklist because it focuses on minor residental alterations not subject to CEQA |
| **Goal 1. Increase Energy Efficiency in Existing Residential Units** | | | | | |
| Measure 1.2. For existing Residential Unit Permit for Major Modifications (more than 30% of dwelling unit size, including bathroom and kitchen) that is considered a Project under CEQA must implement energy efficiency retrofits recommended from City Energy Audit and explain the energy efficiency retrofits implemented. | | | X | The project does not include residential units. | Measure 1.2 only applies if alteration is subject to CEQA |
| **Goal 2. Increase Energy Efficiency in the New Residential Units** | | | | | |
| Measure 2.1. New residential construction meet or exceed California Green Building Standards Tier 2 Voluntary Measures, such as obtaining green building ratings including LEED, Build it Green, or Energy Star Certified building certifications in scoring development and explain the measures implemented. | | | X | The project does not include residential units. | |
| **Land Use Sector-Commercial** | | | | | Measure 3.1 is not on checklist because it focuses on minor alterations which are not subject to CEQA |
| **Goal 3. Increase Energy Efficiency in Existing Commercial Units** | | | | | |
| Measure 3.2. For existing commercial units of 10,000 sq. ft. or more seeking building permits for modifications representing 30% or more sq. ft, and considered a Project under CEQA must implement energy efficiency retrofits recommended by the City to meet California Green Building Standards Tier 1 Voluntary Measures and explain the retrofits implemented. | | | X | The project does not include existing commercial units | Measure 3.2 only applies if alteration is subject to CEQA |
| **Goal 4. Increase Energy Efficiency in New Commercial Units** | | | | | |
| Measure 4.1. New commercial units meet or exceed California Green Building Standards Tier 2 Voluntary Measures such as obtain green building ratings including: LEED, Build it Green, or Energy Star Certified buildings certifications in scoring development and explain the measures implemented. | X | | | The Project will meet or exceed CALGreen Tier 2 Standards in effect at the time of building permit application. Documentation shall be provided to the City demonstrating that the Project meets this requirement prior to the issuance of building permits. | |
| **Emissions Measures Category: Advanced Goals Measures** | | | | | |
| **Land Use Sector-Commercial** | | | | | |
| **Goal 5. Decrease Energy Demand through Reducing Urban Heat Island Effect** | | | | | |
| Measure 5.1. Project utilizes tree planting for shade and energy efficiency such as tree planting in parking lots and streetscapes. | X | | | See Figure 3-9 of the Landscape Plan. Landscaping proposed for the passenger parking area and around portions of the building as well as site frontages. Includes trees, shrubs, and cover. | |
| Measure 5.2. Project uses light-reflecting surfaces such as enhanced cool roofs on commercial buildings. | X | | | Roof structures shall be designed to include "cool roof" materials with a minimum aged reflectance and thermal emittance values equal to or greater than current CALGreen Table A5.106.11.3, Tier 1. | |
| **Emissions Measures Category: Transportation** | | | | | |
| **Land Use Sector-Residential and Commercial** | | | | | |
| **Goal 6. Decrease GHG Emissions through a Reduction in VMT** | | | | | |
| Measure 6.1. Proposed project streets include sidewalks, crosswalks, and other infrastructure that promotes non-motorized transportation options. | X | | | The Project includes street, sidewalk, and landscaping improvments, as shown on Figure 3-7, Conceptual Site Plan. | |
| Measure 6.2. Proposed project installs bike paths to improve bike transit. | | | X | The Project is a commercial warehouse | |

X

Item 3 Attachment 1 ECCV Capable Stall

| | | | | | |
|---|---|---|---|---|---|
| **Land Use Sector-Residential and Commercial** | | | | | |
| **Goal 7: Increase Use of Electric Vehicles** | | | | | |
| Measure 7.1. Install electric vehicle chargers in all new residential and commercial developments. | X | | | The Project includes 16 EVCS (EV Capable Stall with EVSE). See site plan | |
| a. For new Single-Family Residential, install complete 40 Amp electrical service and one e-charger. | | | X | The Project does not include residential units | |
| b. For new Multifamily Residential, install e-chargers for 13 percent of total parking. | | | X | The Project does not include residential units | |
| c. For new Office Space, Regional Shopping Centers, and Movie Theaters, install e-chargers for 5 percent of total parking spaces. | | | X | The Project is a commercial warehouse | |
| d. For new Industrial and other Land Uses employing 200 or more employees, install e-charges for 5 percent of total parking spaces. | X | | | The Project includes 301 total parking spaces. 301 x 0.05 = 15 spaces. The Project includes 16 EVCS with EVSE. | |
| **Land Use Sector-Residential and Commercial** | | | | | |
| **Goal 8. Improve Traffic Flow** | | | | | |
| Measure 8.1. Implement traffic flow improvement program. | | | x | The Project does not include traffic controls | Projects that include traffic controls need to show consistency with one of these |
| a. Install smart traffic signals at intersections warranting a traffic signal, OR | | | x | | |
| b. Install roundabout. | | | x | . | |
| **Emissions Measures Category: Solid Waste** | | | | | |
| **Land Use Sector-Residential and Commercial** | | | | | |
| **Goal 9: Decrease GHG Emissions through Reducing Solid Waste Generation** | | | | | |
| Measure 9.1. Reduce waste at landfills. | X | | | The Project will include storage areas for recyclables and green waste as well as food waste | |
| waste. | | | | | |
| **Emissions Measures Category: Clean Energy** | | | | | |
| **Land Use Sector-Residential and Commercial** | | | | | |
| **Goal 10. Decrease GHG Emissions through Increased Clean Energy Use** | | | | | |
| Measure 10.1. Increase distributed energy generation within City of Santee by implementing the following applicable photovoltaic solar systems: | | | | | |
| a. Single-family residential to install at least 2kW per unit of PV solar systems, unless the installation is infeasible due to poor solar resources established in a solar feasibility study prepared by a qualified solar consultant submitted with an application | | | X | The Project does not include residential units | |
| b. Multifamily residential to install at least 1kW per unit of PV solar systems, unless the installation is infeasible due to poor solar resources established in a solar feasibility study prepared by a qualified solar consultant submitted with an applicant's formal project submittal to City. | | | X | The Project does not include residential units | |
| c. On commercial buildings, install at least 2 kW per square foot of building area (e.g., 2,000 sq. ft. = 3 kW) unless the installation is infeasible due to poor solar resources. | X | | | The Project will include 450 kW of solar PV based on 300,145 SF / (2,000SF / 3 kW) | |

# Appendix C
Biological Technical Report

# Biological Technical Report

# Santee Commerce Center Project

**MAY 2024**

*Prepared for:*

**CITY OF SANTEE, DEVELOPMENT SERVICES DEPARTMENT**
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A Plant Species Observed on Site
B Wildlife Species Observed on Site
C Special-Status Plant Species Potential to Occur
D Special-Status Wildlife Species Potential to Occur

# Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|---|---|
| CDFW | California Department of Fish and Wildlife |
| CEQA | California Environmental Quality Act |
| CESA | California Endangered Species Act |
| CFR | Code of Federal Regulations |
| CRPR | California Rare Plant Rank |
| CWA | Clean Water Act |
| dBA | A-weighted decibel |
| FESA | federal Endangered Species Act |
| MHPA | Multi-Habitat Planning Area |
| MM | Mitigation Measure |
| MSCP | Multiple Species Conservation Program |
| Project | Santee Commerce Center |
| RWQCB | Regional Water Quality Control Board |
| USACE | U.S. Army Corps of Engineers |
| USFWS | U.S. Fish and Wildlife Service |

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# 1 Introduction

This Biological Technical Report describes the existing biological conditions of the site proposed for the Santee Commerce Center (Project) within the City of Santee, California. Included in this report are a discussion of the biological survey methods and results, and the impacts to vegetation communities and potential special-status species evaluated under the California Environmental Quality Act (CEQA), the San Diego Multiple Species Conservation Program (MSCP) Plan (City of San Diego 1998), the Draft Santee MSCP Subarea Plan (City of Santee 2023), and the state and federal Endangered Species Acts. Additionally, measures are recommended to avoid, minimize, or mitigate potential impacts, where feasible, to less-than-significant levels.

## 1.1 Project Location and Description

The approximately 13.49-acre Project site is in the southeastern part of the City of Santee, which is within the East County region of San Diego County, as shown in Figure 1, Project Location. The Project site is at 10990 N. Woodside Avenue and is bound by the San Diego River to the north, the existing Santee Drive-In driveway to the east and west, and Wheatlands Avenue to the south. The Project site is in Section 23 of Township 15 South, Range 1 West, as depicted on the U.S. Geological Survey El Cajon, California 7.5-minute topographic quadrangle map. The Assessor's Parcel Number of the Project site is 381-070-5200.

Project site is currently a developed parking lot with a two-screen drive-in theater and a building containing restrooms and a snack bar. The Project site boundary extends slightly beyond the pavement into the undeveloped area approximately 20 to 30 feet above the San Diego River corridor. The proposed Project would involve demolition of all existing on-site structures and construction of a 300,145-square-foot industrial/warehousing building. The Project would include 290,145 square feet of warehouse space and 10,000 square feet of office space. In addition to the industrial building, the Project would include up to 42 dock-high doors, 4 grade-level doors, 2 truck courts, and up to 301 passenger-vehicle parking spaces; 30- and 40-foot-wide fire access lanes along the building perimeter; landscaping; and fencing along portions of the developed perimeter with automated gates at certain driveway locations. The Project would also include associated utility, stormwater treatment, and roadway improvements.

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# 2 Regulatory Setting

## 2.1 Federal

### 2.1.1 Federal Endangered Species Act

The federal Endangered Species Act (FESA) of 1973 (16 USC 1531 et seq.), as amended, is administered by the U.S. Fish and Wildlife Service (USFWS) for most plant and animal species, and by the National Oceanic and Atmospheric Administration National Marine Fisheries Service for certain marine species. This legislation is intended to provide a means to conserve the ecosystems upon which endangered and threatened species depend, and provide programs for the conservation of those species, thus preventing the extinction of plants and wildlife. FESA defines an endangered species as "any species that is in danger of extinction throughout all or a significant portion of its range." A threatened species is defined as "any species that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range." Under FESA, it is unlawful to "take" any listed species; "take" is defined as, "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct."

FESA allows for the issuance of incidental take permits for listed species under Section 7, which is generally available for projects that also require other federal agency permits or other approvals, and under Section 10, which provides for the approval of habitat conservation plans on private property without any other federal agency involvement.

### 2.1.2 Migratory Bird Treaty Act

The Migratory Bird Treaty Act prohibits the intentional and unintentional take of any migratory bird or any part, nest, or eggs of any such bird. Under the Migratory Bird Treaty Act, "take" is defined as pursuing, hunting, shooting, capturing, collecting, or killing, or attempting to do so (16 USC 703 et seq.). Currently, the Migratory Birds office considers nests that support eggs, nestlings, or juveniles to be active. Additionally, Executive Order 13186, Responsibilities of Federal Agencies to Protect Migratory Birds, requires that any project with federal involvement address impacts of federal actions on migratory birds with the purpose of promoting conservation of migratory bird populations (66 FR 3853–3856). Executive Order 13186 requires federal agencies to work with USFWS to develop a memorandum of understanding. USFWS reviews actions that might affect these species.

### 2.1.3 Clean Water Act

The Clean Water Act (CWA) provides guidance for the restoration and maintenance of the chemical, physical, and biological integrity of the nation's waters. Section 401 requires a project operator for a federal license or permit that allows activities resulting in a discharge to waters of the United States to obtain state certification, thereby ensuring that the discharge will comply with provisions of the CWA. The Regional Water Quality Control Boards (RWQCBs) administer the certification program in California. Section 402 establishes a permitting system for the discharge of any pollutant (except dredged or fill material) into waters of the United States. Section 404 establishes a permit program administered by the U.S. Army Corps of Engineers (USACE) that regulates the discharge of dredged or fill material into waters of the United States, including wetlands. USACE implementing regulations are found in the Code of Federal Regulations (CFR) at 33 CFR Parts 320 to 332. Guidelines for implementation are referred to as the Section 404(b)(1) Guidelines, which were developed by the U.S. Environmental Protection Agency in

conjunction with USACE (40 CFR 230). The guidelines allow the discharge of dredged or fill material into the aquatic system only if there is no practicable alternative that would have less adverse impacts.

## Wetlands and Other Waters of the United States

Based on a recent court case ordering vacation of the Navigable Waters Protection Rule, USACE and the U.S. Environmental Protection Agency have halted implementation of the rule and are interpreting waters of the United States consistent with the pre-2015 regulatory regime until further notice. Per 33 CFR 328.3(a), waters of the United States are defined as follows:

1. All waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
2. All interstate waters including interstate wetlands;
3. All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate or foreign commerce including any such waters:
    a. Which are or could be used by interstate or foreign travelers for recreational or other purposes; or
    b. From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or
    c. Which are used or could be used for industrial purposes by industries in interstate commerce;
4. All impoundments of waters otherwise defined as waters of the United States under this definition;
5. Tributaries of waters identified in paragraphs (a)(1) through (4) of this section;
6. The territorial seas;
7. Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a)(1) through (6) of this section; and
8. Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA [the Clean Water Act] (other than cooling ponds as defined in 40 CFR 423.11(m) which also meet the criteria of this definition) are not waters of the United States.

The USACE/U.S. Environmental Protection Agency Rapanos Guidance states that USACE will regulate traditional navigable waters and adjacent wetlands, and relatively permanent waters tributary to traditional navigable waters and adjacent wetlands. Non-relatively permanent waters (those exhibiting less than 3 months of continuous surface flows) and their adjacent wetlands would be regulated if there is a significant nexus from the site to traditional navigable waters.

The State Water Resources Control Board has authority over wetlands through Section 401 of the CWA, as well as the Porter–Cologne Water Quality Control Act (Porter–Cologne Act), California Code of Regulations Section 3831(k), and California Wetlands Conservation Policy. The CWA requires that an applicant for a Section 404 permit (to discharge dredge or fill material into waters of the United States) first obtain certification from the appropriate state agency stating that the fill is consistent with the state's water quality standards and criteria. In California, the authority to either grant certification or waive the requirement for permits is delegated by the State Water Resources Control Board to the nine RWQCBs. A request for certification is submitted to the RWQCB at the same time that an application is filed with USACE.

# 2.2 State

## 2.2.1 California Endangered Species Act

The California Endangered Species Act (CESA) (California Fish and Game Code Sections 2050–2068) provides protection for and prohibits the take of plant, fish, and wildlife species listed by the State of California. Unlike FESA, under CESA, state-listed plants have the same degree of protection as wildlife, but insects and other invertebrates may not be listed. Take is defined similarly to FESA and is prohibited for both listed and candidate species. Take authorization may be obtained by a project applicant from the California Department of Fish and Wildlife (CDFW) under CESA Section 2081, which allows take of a listed species for educational, scientific, or management purposes. In this case, developers consult with CDFW to develop a set of measures and standards for managing the listed species, including full mitigation for impacts, funding of implementation, and monitoring of mitigation measures.

## 2.2.2 California Fish and Game Code

### Fully Protected Species

Sections 3511, 4700, 5050, and 5515 of the California Fish and Game Code outline protection for fully protected species of mammals, birds, reptiles, amphibians, and fish. Species that are fully protected by these sections may not be taken or possessed at any time. CDFW cannot issue permits or licenses that authorize the "take" of any fully protected species, except under certain circumstances, such as scientific research and live capture and relocation of such species pursuant to a permit for the protection of livestock. On July 10, 2023, Senate Bill 147 was signed into law and amends the California Fish and Game Code to allow a 10-year permitting mechanism for a defined set of projects within the renewable energy, transportation, and water infrastructure sectors. Furthermore, it is the responsibility of the CDFW to maintain viable populations of all native species. Toward that end, CDFW has designated certain vertebrate species as Species of Special Concern, because declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.

### Sections 1600–1616

CDFW jurisdiction includes ephemeral, intermittent, and perennial watercourses (including dry washes) and lakes characterized by the presence of (1) definable bed and banks and (2) existing fish or wildlife resources. CDFW takes jurisdiction to the top of bank of the stream, or the limit of the adjacent riparian vegetation, which may include oak woodlands in canyon bottoms. Historical court cases have further extended CDFW jurisdiction to include watercourses that seemingly disappear but reemerge elsewhere. Under the CDFW definition, a watercourse need not exhibit evidence of an ordinary high-water mark to be claimed as jurisdictional. CDFW does not have jurisdiction over ocean or shoreline resources.

Under California Fish and Game Code Sections 1600–1616, CDFW has the authority to regulate work that will substantially divert or obstruct the natural flow of, or substantially change or use any material from, the bed, channel, or bank of any river, stream, or lake. CDFW also has the authority to regulate work that will deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake. This regulation takes the form of a requirement for a Lake or Streambed Alteration Agreement and is applicable to all projects. Applications to CDFW must include a complete certified CEQA document.

### California Native Plant Protection Act

The Native Plant Protection Act of 1977 (see Section 1900 et seq. of the California Fish and Game Code) directed CDFW to carry out the Legislature's intent to "preserve, protect and enhance rare and endangered plants in this State." The Native Plant Protection Act gave the California Fish and Game Commission the power to designate native plants as "endangered" or "rare" and protect endangered and rare plants from take. CESA expanded on the original Native Plant Protection Act and enhanced legal protection for plants, but the Native Plant Protection Act remains part of the California Fish and Game Code. To align with federal regulations, CESA created the categories of "threatened" and "endangered" species. It converted all "rare" animals into the act as threatened species but did not do so for rare plants. Thus, there are three listing categories for plants in California: rare, threatened, and endangered. Because rare plants are not included in CESA, mitigation measures for impacts to rare plants are specified in a formal agreement between CDFW and the project proponent.

### Nesting Birds

Section 3503 of the California Fish and Game Code states that it is unlawful to take, possess, or needlessly destroy the nests or eggs of any bird, except as otherwise provided by this code or any regulation made pursuant thereto. Section 3503.5 protects all birds of prey (raptors) and their eggs and nests. Section 3511 states that fully protected birds or parts thereof may not be taken or possessed at any time. Section 3513 states that it is unlawful to take or possess any migratory non-game bird as designated in the Migratory Bird Treaty Act.

## 2.2.3 California Environmental Quality Act

CEQA requires identification of a project's potentially significant impacts on biological resources and ways that such impacts can be avoided, minimized, or mitigated. CEQA also provides guidelines and thresholds for use by lead agencies for evaluating the significance of proposed impacts.

The State of California CEQA Guidelines (CEQA Guidelines) Section 15380(b)(1) defines endangered animals or plants as species or subspecies whose "survival and reproduction in the wild are in immediate jeopardy from one or more causes, including loss of habitat, change in habitat, overexploitation, predation, competition, disease, or other factors." A rare animal or plant is defined in Section 15380(b)(2) as a species that, although not presently threatened with extinction, exists "in such small numbers throughout all or a significant portion of its range that it may become endangered if its environment worsens; or … [t]he species is likely to become endangered within the foreseeable future throughout all or a significant portion of its range and may be considered 'threatened' as that term is used in the federal Endangered Species Act." Additionally, an animal or plant may be presumed to be endangered, rare, or threatened if it meets the criteria for listing, as defined further in CEQA Guidelines Section 15380(c).

CDFW has developed a list of "Special Species" as "a general term that refers to all of the taxa the California Natural Diversity Database (CNDDB) is interested in tracking, regardless of their legal or protection status." This is a broader list than those species that are protected under FESA, CESA, and other California Fish and Game Code provisions, and includes lists developed by other organizations, including, for example, the Audubon Watch List Species. Guidance documents prepared by other agencies, including the U.S. Bureau of Land Management's Sensitive Species and USFWS Birds of Special Concern, are also included on this CDFW Special Species list. Additionally, CDFW has concluded that plant species listed as California Rare Plant Rank (CRPR) 1 and 2 by the California Native Plant Society, and potentially some CRPR 3 plants, are covered by CEQA Guidelines Section 15380.

Section IV, Appendix G (Environmental Checklist Form), of the CEQA Guidelines requires an evaluation of impacts to "any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or the U.S. Fish and Wildlife Service."

### 2.2.4 Porter–Cologne Water Quality Control Act

Pursuant to provisions of the Porter–Cologne Act, the RWQCBs regulate discharging waste, or proposing to discharge waste, within any region that could affect a water of the state (California Water Code, Section 13260[a]). The State Water Resources Control Board defines a waters of the state as "any surface water or groundwater, including saline waters, within the boundaries of the state" (California Water Code, Section 13050[e]). All waters of the United States are waters of the state. Waters of the state include wetlands, and the State Water Resources Control Board definition of wetlands includes the following:

1. Natural wetlands.
2. Wetlands created by modification of a surface water of the state.
3. Artificial wetlands that meet any of the following criteria:
    a. Approved by an agency as compensatory mitigation for impacts to other waters of the state, except where the approving agency explicitly identifies the mitigation as being of limited duration.
    b. Specifically identified in a water quality control plan as a wetland or other water of the state.
    c. Resulted from historic human activity, is not subject to ongoing operation and maintenance, and has become a relatively permanent part of the natural landscape.
    d. Greater than or equal to 1 acre in size unless the artificial wetland was constructed and is currently used and maintained, primarily for one or more of the following purposes: industrial or municipal wastewater treatment or disposal; settling of sediment; detention, retention, infiltration, or treatment of stormwater runoff and other pollutants or runoff subject to regulation under a municipal, construction, or industrial permitting program; treatment of surface waters; agricultural crop irrigation or stock watering; fire suppression; industrial processing or cooling water; active surface mining – even if the site is managed for interim wetlands functions and values; log storage; treatment, storage, or distribution of recycled water; maximizing groundwater recharge (this does not include wetlands that have incidental groundwater recharge benefits); or fields flooded for rice growing.

Wetlands that may not meet all of USACE's wetland delineation criteria are considered wetland waters of the state if, "under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation" (SWRCB 2021). Additionally, aquatic resources that USACE determines to not be waters of the United States because they lack a significant nexus to a traditional navigable water or are above the ordinary high-water mark limit of federal jurisdiction may also be considered waters of the state. If a CWA Section 404 permit is not required for a project, the RWQCB may still require a permit (waste discharge requirements) for impacts to waters of the state under the Porter–Cologne Act.

# 2.3 Regional Resource Planning Context

## 2.3.1 Multiple Species Conservation Program Plan

The Project site is within the boundaries of the MSCP Plan (City of San Diego 1998). The MSCP Plan is a multijurisdictional habitat conservation planning program that involves USFWS, CDFW, the County of San Diego, the Cities of San Diego and Chula Vista, and other local jurisdictions and special districts. Local jurisdictions and special districts implement the MSCP Plan for their respective portions through subarea plans. The combination of the MSCP Plan and subarea plans serve as a Habitat Conservation Plan pursuant to FESA Section 10(a)(1)(B), and as a Natural Community Conservation Plan pursuant to the California Natural Community Conservation Planning Act of 1991 (City of San Diego 1998).

The MSCP Plan study area encompasses 582,243 acres within the southwestern portion of San Diego County. As stated in the MSCP Plan, an objective of the MSCP is to conserve a connected system of biologically viable habitat lands in a manner that maximizes the protection of sensitive species and precludes the need for future listings of species as threatened or endangered. The MSCP Plan identifies a Multi-Habitat Planning Area (MHPA), which is the area within which the permanent MSCP Preserve is assembled and managed for its biological resources. The MHPA is defined in many areas by mapped boundaries in figures in the MSCP Plan and is also defined by quantitative targets for conservation of vegetation communities and goals and criteria for Preserve design. The MSCP Plan targets 171,917 acres within the MHPA for conservation (City of San Diego 1998).

A total of 85 plant and animal species are "covered" by the MSCP Plan. The MSCP Plan Final Environmental Impact Report/Environmental Impact Statement identifies "Vegetation Community Conservation Target Areas" for conservation by subarea (Appendix B of the MSCP Plan [City of San Diego 1998]). A total of 2,067 acres is expected to be conserved within the Santee Subarea MHPA. With approval of each subarea plan and corresponding implementing agreement, each participating local jurisdiction receives permits and/or authorization to directly impact or take MSCP Covered Species. The Covered Species include species listed as endangered or threatened by FESA and/or CESA, as well as unlisted species. Table 3-5 in the MSCP Plan provides a list of the MSCP Covered Species, and includes specific conditions required for take authorizations (City of San Diego 1998).

## 2.3.2 Draft Santee MSCP Subarea Plan

The City of Santee has been preparing its subarea plan since the original approval of the San Diego MSCP Plan and is currently in the process of completing the Santee MSCP Subarea Plan. Although the Draft Santee MSCP Subarea Plan has not yet been approved or permitted, it is used as the guidance document for projects occurring within the City of Santee. The current Draft Santee MSCP Subarea Plan seeks coverage for up to 23 species, and relies on a combination of hardline conservation areas, criteria-based upland standards areas, San Diego River conservation opportunities areas, and City-owned preserve lands to protect species and habitat (City of Santee 2023). Coverage for species is dependent on a number of factors, including multijurisdictional participation, adequate building of the Preserve system, adequate protection of certain populations, permanent management funding, and other factors.

The Draft Santee MSCP Subarea Plan Preserve boundaries are a result of the City of Santee's efforts to refine and expand the MHPA boundaries, to better define conservation priorities within the City of Santee, and to formulate a Habitat Conservation Plan under the MSCP Plan. Because the Draft Santee MSCP Subarea Plan is still in

development, portions of the subarea plan may still change, including hardline Preserve areas and Covered Species. The Project site is entirely outside of the Preserve areas identified in the Draft Santee MSCP Subarea Plan (City of Santee 2023). However, as shown in Figure 1, the Project site is adjacent to Preserve areas associated with the San Diego River corridor, as identified in the Draft Santee MSCP Subarea Plan (City of Santee 2023).

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# 3 Methods

Data regarding biological resources present within the Project site were obtained through a review of pertinent literature and field surveys conducted in 2023; both are described in detail below. Survey conditions are provided in Table 1.

**Table 1. Survey Conditions**

| Date | Hours | Personnel | Survey Focus | Survey Conditions |
|---|---|---|---|---|
| 03/09/2023 | NR | Brock Ortega | Reconnaissance Survey and Wildlife Habitat Assessment | NR |
| 04/07/2023 | 12:15 PM–03:15 PM | Dylan Ayers | Vegetation Mapping and Jurisdictional Aquatic Resource Assessment | 64–67°F, 30% cc, 1–3 mph |
| 05/03/2023 | 06:10 AM – 08:40 AM | Brock Ortega | Least Bell's Vireo Survey | 50–55°F, 100–90% cc, 1–3 mph |
| 05/13/2023 | 08:45 AM – 10:50 AM | Brock Ortega | Least Bell's Vireo Survey | 62–67°F, 80–60% cc, 1–3 mph |
| 05/23/2023 | 06:15 AM – 08:20 AM | Brock Ortega | Least Bell's Vireo Survey | 57–63°F, 100–70% cc, 1–0 mph |
| 06/03/2023 | 08:11 AM – 10:22 AM | Brock Ortega | Least Bell's Vireo Survey | 63–69°F, 90–50% cc, 0–5 mph |
| 06/18/2023 | 06:03 AM – 08:12 AM | Brock Ortega | Least Bell's Vireo Survey | 63–70°F, 80–20% cc, 1–3 mph |
| 06/27/2023 | 08:40 AM – 10:30 AM | Brock Ortega | Least Bell's Vireo Survey | 58–72°F, 100–50% cc, 0–5 mph |
| 07/07/2023 | 06:00 AM–08:05 PM | Brock Ortega | Least Bell's Vireo Survey | 60–65°F, 100–50% cc, 0–1 mph |
| 07/20/2023 | 06:20 AM–08:26 AM | Brock Ortega | Least Bell's Vireo Survey | 66–72°F, 0% cc, 0 mph |

**Note:** NR = not recorded; cc = cloud cover; mph = miles per hour (wind).

## 3.1 Literature Review

Prior to conducting field surveys, Dudek biologists reviewed the latest CDFW California Natural Diversity Database (CDFW 2023a), California Native Plant Society's Inventory of Rare and Endangered Plants of California (CNPS 2023), and USFWS and San Diego Geographic Information Source (SanGIS) databases to identify special-status species that are known to occur or may potentially occur within the Project site based on the physical characteristics of the site (including biogeography, elevation, soils, and vegetation communities).

## 3.2 Survey Methods

Vegetation mapping within the Project site was conducted on April 7, 2023, by Dudek biologist Dylan Ayers. Vegetation community classifications follow Holland (1986), as revised by Oberbauer et al. (2008). Vegetation communities and land covers were mapped in the field using a mobile data collection application. Vegetation

surveys were conducted throughout the site on foot. Following the completion of fieldwork, vegetation polygons were digitized using ArcGIS, and GIS coverage was created. Acreage calculations of vegetation communities and land covers were determined using ArcGIS. An assessment for jurisdictional aquatic resources was conducted concurrently with the vegetation mapping. Latin names for plant species observed during the vegetation mapping survey follow the Jepson Interchange List of Currently Accepted Names of Native and Naturalized Plants of California (Jepson Flora Project 2022), and common names follow the CDFW California Natural Communities List (CDFW 2023b) or the U.S. Department of Agriculture Natural Resources Conservation Service Plants Database (USDA 2023).

A habitat assessment for potentially occurring special-status resources was conducted on March 9, 2023. Based on that survey, it was determined that a protocol-level least Bell's vireo (*Vireo bellii pusillus*) survey should be conducted within the riparian habitat adjacent (i.e., within 500 feet) to the Project site. The eight surveys for least Bell's vireo followed the Least Bell's Vireo Survey Guidelines (USFWS 2001), which states that a minimum of eight survey visits should be made to all riparian areas and any other potential least Bell's vireo habitats between April 10 and July 31. The site visits are required to be conducted at least 10 days apart to maximize the detection of early and late arrivals, females, non-vocal birds, and nesting pairs. Taped playback of least Bell's vireo vocalizations was not used during the surveys per USFWS 2001 protocol. Surveys were conducted between dawn and noon, and were not conducted during periods of excessive or abnormal cold, heat, wind, rain, or other inclement weather. All surveys consisted of slowly walking a methodical, meandering transect along the Project site's northern boundary that occurs adjacent to the riparian habitat within the San Diego River corridor. This route was arranged to cover all suitable adjacent habitat. If least Bell's vireo or any other special-status species were encountered, field personnel recorded data points demarcating the location using the Esri ArcGIS mobile application. Survey conditions are summarized in Table 1.

All wildlife species detected during the field surveys by sight, vocalizations, burrows, tracks, scat, or other sign were recorded. The site was visually scanned with and without binoculars to identify wildlife. Latin and common names of animals follow Crother (2017) for reptiles and amphibians, the American Ornithological Society for birds (AOS 2023), and Wilson and Reeder (2005) for mammals.

# 4 Results

## 4.1 Vegetation Mapping and Land Covers

Based on species composition and general physiognomy, four vegetation communities or land cover types occur within the Project site, and 10 vegetation communities or land cover types occur within the 500-foot buffer surrounding the Project site. Acreages for each vegetation community or land cover type are provided in Table 2, and their spatial distribution is shown in Figure 2, Biological Resources. Descriptions for each vegetation community or land cover type are provided below.

**Table 2. Vegetation Communities and Land Covers within the Project Site and 500-Foot Buffer**

| Vegetation Community/Land Cover Type | Holland/Oberbauer Code | 500-Foot Buffer (Acres) | Project Site (Acres) |
|---|---|---|---|
| **Riparian/Bottomland Vegetation Communities** | | | |
| Coastal and Valley Freshwater Marsh | 52410 | 1.52 | 0 |
| Southern Arroyo Willow Riparian Forest | 61320 | 5.69 | 0 |
| Southern Cottonwood–Willow Riparian Forest | 61330 | 0.56 | 0 |
| Southern Willow Scrub | 63320 | 2.02 | 0 |
| Open Water | 64140 | 8.09 | 0 |
| *Riparian/Bottomland Vegetation Communities Subtotal* | | *17.88* | *0* |
| **Upland Vegetation Communities** | | | |
| Diegan Coastal Sage Scrub | 32500 | 1.04 | 0 |
| **Non-Native Communities and Land Cover Types** | | | |
| Non-Native Grassland | 42200 | 0.95 | 0.27 |
| Non-Native Woodland | 79000 | 0.62 | 0.51 |
| Disturbed Habitat | 11300 | 0.48 | 0.02 |
| Urban/Developed | 12000 | 53.39 | 12.70 |
| *Non-Native Communities and Land Cover Types Subtotal* | | *55.45* | *13.49* |
| **Total** | | **74.37** | **13.49** |

**Note:** Totals may not sum due to rounding.

### Coastal and Valley Freshwater Marsh (52410)

Coastal and valley freshwater marsh is a wetland habitat that is permanently flooded by freshwater lacking a significant current (Oberbauer et al. 2008). Because it is permanently flooded by fresh water, there is an accumulation of deep, peaty soils. Typically, this community is dominated by species such as cattail (*Typha* spp.), sedge (*Carex* spp.), yellow nutsedge (*Cyperus esculentus*), and bulrushes (*Scirpus* spp.).

Coastal and valley freshwater marsh totals 1.52 acres within the Project site's 500-foot buffer and is within the San Diego River corridor. As a wetland community, coastal and valley freshwater marsh is typically under the jurisdiction of the aquatic resource agencies.

### Southern Arroyo Willow Riparian Forest (61320)

Southern arroyo willow riparian forest is a winter-deciduous riparian forest dominated by broad-leafed trees and arroyo willow (*Salix lasiolepis*). Typically it consists of a moderately tall, closed, or nearly closed canopy, with an understory of shrubby willows (Oberbauer et al. 2008). Southern arroyo willow riparian forest is characterized by the presence of several species besides arroyo willow, including San Diego sagewort (*Artemisia palmeri*), mulefat (*Baccharis salicifolia*), manroot (*Marah macrocarpus*), western sycamore (*Platanus racemosa*), Fremont cottonwood (*Populus fremontii* ssp*. fremontii*), Goodding's willow (*Salix gooddingii*), narrowleaf willow (*Salix exigua*), and yellow willow (*Salix lasiandra*) (Oberbauer et al. 2008). Southern arroyo willow riparian forest occurs in sub-irrigated and frequently overflowed areas along rivers and streams that are perennially wet (Oberbauer et al. 2008).

Southern arroyo willow riparian forest totals 5.69 acres within the Project site's 500-foot buffer, and it is within the San Diego River corridor. As a wetland community, southern arroyo willow riparian forest is typically under the jurisdiction of the aquatic resource agencies.

### Southern Cottonwood–Willow Riparian Forest (61330)

Southern cottonwood–willow riparian forest is described in Oberbauer et al. 2008 as a tall, open, broadleafed winter-deciduous riparian forest dominated by Fremont cottonwood or balsam poplar (*Populus trichocarpa*), and various willow trees (*Salix* sp.). The shrub layer typically includes various willow species, mulefat, and western sycamore. This community typically occurs in overflow lands along rivers and streams (Oberbauer et al. 2008).

Southern cottonwood–willow riparian forest totals 0.56 acres within the Project site's 500-foot buffer, and it is within the San Diego River corridor. As a wetland community, southern cottonwood–willow riparian forest is typically under the jurisdiction of the aquatic resource agencies.

### Southern Willow Scrub (63320)

Southern willow scrub is a dense, broad-leafed, winter-deciduous riparian thicket dominated by several willow species (*Salix* sp.), with scattered emergent Fremont cottonwood and western sycamore (Oberbauer et al. 2008). Most stands are too dense to allow much understory development. This habitat is considered seral due to repeated disturbance/flooding, and is therefore unable to develop into the taller southern cottonwood willow riparian forest (Oberbauer et al. 2008). Southern willow scrub totals 2.02 acres within the Project site's 500-foot buffer, and it is within the San Diego River corridor. As a wetland community, southern willow scrub is typically under the jurisdiction of the aquatic resource agencies.

### Open Water (64140)

Open water is composed of year-round bodies of fresh water (extremely low salinity) in the form of lakes, streams, ponds, or rivers (Oberbauer et al. 2008). This includes those portions of water bodies that are usually covered by water and contain less than 10% vegetative cover (Oberbauer et al. 2008). Open water totals 8.09 acres within the Project site's 500-foot buffer and it represents the San Diego River. As a wetland community, open water is typically under the jurisdiction of the aquatic resource agencies.

### Diegan Coastal Sage Scrub (32500)

Diegan coastal sage scrub is a native vegetation community. According to Oberbauer et al. (2008), coastal sage scrub is composed of a variety of soft, low, aromatic shrubs, characteristically dominated by drought-deciduous species—such as California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), and sages (*Salvia* spp.)—with scattered evergreen shrubs, including lemonadeberry (*Rhus integrifolia*) and laurel sumac (*Malosma laurina*). Diegan coastal sage scrub totals 1.04 acres within the Project site's 500-foot buffer, and it occurs within the San Diego River corridor.

### Non-Native Grassland (42200)

Non-native grassland consists of dense to sparse cover of annual grasses with flowering culms between 0.5 to 3 feet in height (Oberbauer et al. 2008). In some areas, depending on past disturbance and annual rainfall, annual forbs may be the dominant species. However, it is presumed that grasses will dominate.

Within the Project site, 0.27 acres of non-native grassland is dominated by wild oat (*Avena fatua*), bromes (*Bromus diandrus, B. rubens*), redstem stork's bill (*Erodium cicutarium*), Maltese star-thistle (*Centaurea melitensis*), and mustard (*Hirschfeldia incana*). This area had been recently mowed during the site visit on April 7, 2023. Non-native grassland also occurs within the Project site's 500-foot buffer and totals 0.95 acres.

### Non-Native Woodland (79000)

Non-native woodland consists of exotic trees, usually intentionally planted, that are not maintained or artificially irrigated (Oberbauer et al. 2008); it does not usually apply where these trees have naturalized or in riparian woodlands (Oberbauer et al. 2008). Within the Project site, 0.51 acres of non-native woodland occurs along the northern boundary and is composed of African sumac (*Searsia lancea*), acacia (*Acacia* spp.), eucalyptus (*Eucalyptus* spp.), and silky oak trees (*Grevillea robusta*). Non-native woodland also occurs within the Project site's 500-foot buffer and totals 0.62 acres.

### Disturbed Habitat (11300)

Disturbed habitats are areas that have been physically disturbed and are no longer recognizable as a native or naturalized vegetation association (Oberbauer et al. 2008). These areas may continue to retain soil substrate. If vegetation is present, it is almost entirely composed of non-native vegetation, such as ornamentals or ruderal exotic species. Examples of these areas may include graded landscapes or areas, graded firebreaks, graded construction pads, temporary construction staging areas, off-road-vehicle trails, areas repeatedly cleared for fuel management, or areas that are repeatedly used in ways that prevent revegetation (e.g., parking lots, trails that have persisted for years) (Oberbauer et al. 2008).

Disturbed habitat totals 0.48 acres within the Project site's 500-foot buffer and 0.02 acres within the Project site. This land cover type includes the dirt road adjacent to the Project site that separates the site from the San Diego River.

### Urban/Developed (12000)

Developed land consists of buildings, structures, homes, parking lots, paved roads, and maintained areas. Developed areas do not support vegetation. Urban/developed land covers the vast majority of the Project site (94%, 12.70 acres). The developed area is associated with the parking lot and drive-in movie theater. A total of 53.39 acres, or 72% of the Project site's 500-foot buffer, is composed of developed lands.

## 4.2 Plant and Wildlife Species

A total of 19 species of native or naturalized plants, 2 native (11%) and 17 non-native (89%), were recorded on the Project site (see Appendix A). The majority of these plant species are ornamental trees planted in association with the current development on site. Due to the lack of habitat (i.e., site is currently a parking lot), very few wildlife species were observed within the Project site (i.e., nine total, consisting of eight bird species and one mammal species). A total of 42 wildlife species common to San Diego County were observed within the surrounding area during surveys. Appendix B includes all wildlife species observed within the Project site and the 500-foot buffer.

### 4.2.1 Special-Status Plant Species

Special-status plant species include those listed, or candidates for listing, as threatened or endangered by USFWS and CDFW, and species identified as rare by the California Native Plant Society (particularly CRPR 1A, presumed extinct in California; CRPR 1B, rare, threatened, or endangered throughout its range; and CRPR 2, rare or endangered in California, more common elsewhere). Appendix C provides a table of all special-status plant species whose geographic ranges fall within the general vicinity of the Project site. Special-status species' potential to occur within the Project site were evaluated based on known species distribution, species-specific habitat preferences, and Dudek biologists' knowledge of regional biological resources. Each special-status species was assigned a rating of "not expected," "low," "moderate," or "high" potential to occur within the Project site based on relative location to known occurrences, vegetation community, soil, and elevation.

No special-status plant species were observed within the Project site during surveys, and due to lack of habitat, none are expected to occur. There is moderate potential for special-status plant species to occur off site within suitable habitat areas in the 500-foot buffer surrounding the Project site within the San Diego River corridor.

### 4.2.2 Special-Status Wildlife Species

Special-status wildlife species include those listed, or candidates for listing, as threatened or endangered by USFWS and CDFW, and those designated as Species of Special Concern by CDFW and as sensitive by USFWS. Appendix D provides a table of all special-status wildlife species whose geographic ranges fall within the general vicinity of the Project site. Special-status species' potential to occur within the Project site were evaluated based on known species distribution, species-specific habitat preferences, and Dudek biologists' knowledge of regional biological resources. Each special-status species was assigned a rating of "not expected," "low," "moderate," or "high" potential to occur within the Project site based on relative location to known occurrences, vegetation community, soil, and elevation.

No special-status wildlife species were observed within the Project site during surveys, and due to lack of habitat, none are expected to occur. However, three special-status wildlife species—least Bell's vireo, yellow-breasted chat (*Icteria virens*), and yellow warbler (*Setophaga petechia*)—were observed off site within the Project site's 500-foot

buffer that overlaps the riparian habitat associated with the San Diego River. Three nesting pairs of least Bell's vireo were detected within the riparian habitat; one pair occurred on the southern side of the San Diego River and two pairs occurred on the northern side. One pair of yellow breasted chat was detected, and both were active across much of the habitat. A number of yellow warblers were detected, and much of the riparian habitat was used by them.

Additionally, coastal California gnatcatcher (*Polioptila californica californica*) was observed outside the 500-foot buffer (more than 700 feet north of the Project site) in coastal scrub habitat during the riparian bird surveys. However, there is minimal suitable habitat for this species within the 500-foot buffer area. The coastal sage scrub occurring within the 500-foot buffer is small (i.e., approximately 1 acre), disturbed, on steep slopes, and likely not used for nesting by this species.

## 4.3 Jurisdictional Aquatic Resources

No jurisdictional aquatic resources were observed within the Project site during the jurisdictional aquatic resource assessment. The northern edge of the Project site is adjacent to stands of thick vegetation occurring along a chain-link fence line that lines the parking lot. This vegetation was dominated by African sumac (*Searsia lancea*), a non-native low-growing tree species that is known to occupy disturbed areas. African sumac would not be considered a jurisdictional wetland or riparian vegetation subject to aquatic resources regulation. In addition, the edge of the Project site occurs at least 20 to 30 feet in elevation higher than and approximately 70 to 100 feet south of the riparian (willow forest) and wetland (freshwater marsh) vegetation communities associated with the San Diego River. These wetland areas occur outside of the Project site. A strip of disturbed habitat separates the San Diego River and the upland communities adjacent to the Project site; multiple encampments created by people experiencing homelessness were observed in this area. Two culverts were observed during the jurisdictional aquatic resource assessment that appear to transport flows from the Project site boundary northward toward the San Diego River; however, no channels or aquatic resources have developed around the culvert structures. Other culverts could exist but are likely obscured by vegetation growth and erosion.

## 4.4 Wildlife Corridors and Habitat Linkages

Wildlife corridors are linear features that connect large patches of natural open space and provide avenues for the migration of animals. Wildlife corridors contribute to population viability by ensuring continual exchange of genes between populations, providing access to adjacent habitat areas for foraging and mating, and providing routes for recolonization of habitat after local extirpation or ecological catastrophes (e.g., fires).

Habitat linkages are small patches that join larger blocks of habitat and help reduce the adverse effects of habitat fragmentation. Habitat linkages provide a potential route for gene flow and long-term dispersal of plants and animals, and may also serve as primary habitat for smaller animals, such as reptiles and amphibians. Habitat linkages may be continuous habitat or discrete habitat islands that function as steppingstones for dispersal.

The MSCP Plan (City of San Diego 1998) defines core and linkage areas as those maintaining ecosystem function and processes, including large animal movement. Each core area is connected to other core areas or to habitat areas outside of the MSCP study area either through common boundaries or through linkages. Core areas have multiple connections to help ensure that the balance in the ecosystem will be maintained.

The Project site is currently developed as a parking lot and drive-in theater and is not mapped as a core area or habitat linkage under the MSCP (City of San Diego 1998). Therefore, the Project site does not function as a wildlife

corridor or habitat linkage. However, the Project site is adjacent to the San Diego River, which could potentially function as a wildlife corridor for local populations of common species. Larger species, like mule deer (*Odocoileus hemionus*) and mountain lion (*Puma concolor*), are not expected to use this highly urbanized vicinity of the river corridor due to the amount of adjacent commercial and industrial uses, large presence of human encampments, and general lack of connectivity to larger core areas of suitable habitat. It is unlikely that bobcats would use this area for the same reasons. Species most likely to use this area include coyote (*Canis latrans*), raccoon (*Procyon lotor*), striped skunk (*Mephitis mephitis*), and Virginia opossum (*Didelphis virginiana*).

# 5 Project Impacts

This section addresses direct and indirect impacts to biological resources that would result from implementation of the Project, provides the significance determinations for proposed or potential impacts, and proposes mitigation. Cumulative impacts are addressed in the Project's Environmental Impact Report.

## 5.1 Explanation of Findings of Significance

Impacts to sensitive vegetation communities, special-status plant and wildlife species, and jurisdictional aquatic resources, including wetlands, must be quantified and analyzed to determine whether such impacts are significant under CEQA. CEQA Guidelines Section 15064(b) states that an ironclad definition of a "significant" effect is not possible because the significance of an activity may vary with the setting. Appendix G of the CEQA Guidelines, however, does provide "examples of consequences which may be deemed to be a significant effect on the environment" (14 CCR 15064[e]). These effects include substantial effects on rare or endangered species of animal or plant or the habitat of the species. CEQA Guidelines Section 15065(a) is also helpful in defining whether a project may have a significant effect on the environment. Under that section, a proposed project may have a significant effect on the environment if the project has the potential to (1) substantially degrade the quality of the environment, (2) substantially reduce the habitat of a fish or wildlife species, (3) cause a fish or wildlife population to drop below self-sustaining levels, (4) threaten to eliminate a plant or animal community, (5) reduce the number or restrict the range of a rare or endangered plant or animal, or (6) eliminate important examples of a major period of California history or prehistory.

The following are the significance thresholds for biological resources provided in the CEQA Guidelines Appendix G Environmental Checklist, which states that a project would potentially have a significant effect if it does any of the following:

- **Impact BIO-1.** Has a substantial adverse effect, either directly or through habitat modifications, on any species identified as being a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS.
- **Impact BIO-2.** Has a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by CDFW or USFWS.
- **Impact BIO-3.** Has a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means.
- **Impact BIO-4.** Interferes substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impedes the use of native wildlife nursery sites.
- **Impact BIO-5.** Conflicts with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.
- **Impact BIO-6.** Conflicts with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan.

The evaluation of whether an impact to a particular biological resource is significant must consider both the resource itself and the role of that resource in a regional context. Substantial impacts are those that contribute to, or result in, permanent loss of an important resource, such as a population of a rare plant or wildlife species. Impacts may be important locally because they result in an adverse alteration of existing site conditions, but considered not significant because they do not contribute substantially to the permanent loss of that resource regionally. The severity of an impact is the primary determinant of whether that impact can be mitigated to a level below significance.

## 5.2 Definition of Impacts

Direct impacts refer to complete loss of a biological resource. For the purposes of this report, direct impacts refer to the area where vegetation clearing, grubbing, or grading replaces biological resources. Direct impacts were quantified by overlaying the proposed impact limits on the biological resources map of the Project site. Direct impacts would occur from construction of an industrial/warehouse building and associated loading docks; trailer stalls; passenger vehicle parking spaces; and street, sidewalk, and landscape improvements.

Indirect impacts are reasonably foreseeable effects caused by a project's implementation on remaining or adjacent biological resources outside the direct disturbance zone. For purposes of this report, indirect impacts may affect areas associated with biological resources present within the San Diego River corridor. Indirect impacts may be short-term and construction-related, or long-term and associated with development in proximity to biological resources.

Cumulative impacts refer to the combined environmental effects of a project and other relevant projects. These impacts may be minor when analyzed individually but become collectively significant as they occur over time. Cumulative impacts are addressed in the Project's Environmental Impact Report.

The evaluation of Project impacts is organized by the resource potentially affected: riparian and sensitive vegetation communities (special-status vegetation communities), special-status species, jurisdictional waters and wetlands, and wildlife movement.

## 5.3 Impact Analysis

The entire 13.49-acre Project site would be directly impacted with Project implementation. Acreages for each vegetation community or land cover type permanently impacted are provided in Table 3, and their spatial distribution is shown in Figure 3, Impacts.

**Table 3. Impacts to Vegetation Communities and Land Covers within the Project Site**

| Vegetation Community/ Land Cover Type | Holland/Oberbauer Code | Permanent Impact (Acres) |
|---|---|---|
| Non-Native Grassland | 42200 | 0.27 |
| Non-Native Woodland | 79000 | 0.51 |
| Disturbed Habitat | 11300 | 0.02 |
| Urban/Developed | 12000 | 12.70 |
| | **Total** | **13.49** |

**Note:** Totals may not sum due to rounding.

## 5.3.1 Impact BIO-1: Special-Status Species

### 5.3.1.1 Direct Impacts

No special-status plant or wildlife species were observed within the Project site during surveys, and due to lack of habitat, none are expected to occur. Therefore, no direct impacts would occur to special-status plant or wildlife species with Project implementation.

Direct impacts to nesting birds, protected under Section 3503 of the California Fish and Game Code, could occur within areas of the Project site mapped as non-native woodland or within the existing ornamental trees as part of the current development's landscaping. Project implementation of Mitigation Measure (MM) BIO-1 (Pre-Construction Nesting Bird Survey) would reduce potential direct impacts to nesting birds to a less-than-significant level through performance of a nesting bird survey if construction occurs during the nesting season. Additionally, all trees removed as part of Project implementation that could potentially provide nesting habitat for birds would be replaced as directed by MM-BIO-4 (Tree Replacement, Encroachment, and Preservation). Therefore, no significant direct impacts are anticipated with Project implementation to nesting birds or their habitat.

The Project site does not occur within federally designated critical habitat for plant or wildlife species. Therefore, no direct impacts would occur to critical habitat with Project implementation.

### 5.3.1.2 Indirect Impacts

Project implementation has the potential to result in indirect impacts to special-status wildlife species, specifically least Bell's vireo, yellow-breasted chat, and yellow warbler, as well as special-status plant species occurring within 500 feet of the Project site.

Construction-Related: Potential short-term or temporary indirect impacts to least Bell's vireo, yellow-breasted chat, yellow warbler, coastal California gnatcatcher, and special-status plant species resulting from construction activities include the release of chemical pollutants; adverse effects from noise, vibration, and increased human presence; and night-time lighting. These potential construction-related indirect impacts would be potentially significant absent mitigation.

Project implementation of MM-BIO-1 (Pre-Construction Nesting Bird Survey) would reduce potential indirect impacts from construction noise to a less-than-significant level through performance of a nesting bird survey if construction occurs during the nesting season. If nesting least Bell's vireo, yellow-breasted chat, and/or yellow warbler are identified, an adequate buffer will be implemented to ensure that effects from noise, vibration, and human presence are minimized. In addition, implementation of MM-BIO-2 (Construction-Related Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) will minimize indirect impacts to least Bell's vireo, yellow-breasted chat, yellow warbler, and special-status plant species through biological monitoring, requirement of a Worker Environmental Awareness Training that will cover the special-status resources and mitigation requirements for the Project, delineation of Project boundaries, requiring that all vehicles and equipment be serviced in designated staging areas, and ensuring that construction will not be conducted at night. Project construction would be limited to the City of Santee's allowable construction hours of 7:00 a.m. and 7:00 p.m. and is not anticipated to require lighting. In the event that construction lighting is required, it would be properly shielded to avoid spillover effects (MM-BIO-2).

Implementation of MM-BIO-1 (Pre-Construction Nesting Bird Survey) and MM-BIO-2 (Construction-Related Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize the effect of construction-related indirect impacts to least Bell's vireo, yellow-breasted chat, yellow warbler, and special-status plant species to less than significant with mitigation incorporated.

**Long-Term:** Potential long-term, indirect impacts that could result from Project implementation to suitable foraging and nesting habitat for least Bell's vireo, yellow-breasted chat, and yellow warbler and special-status plants include chemical releases, such as oils and grease from vehicles that could degrade habitat; increased invasive plant species that may degrade habitat; nighttime lighting; and trampling of vegetation and soil compaction by humans, which could affect soil moisture, water penetration, surface flows, and erosion. These potential long-term indirect impacts would be potentially significant absent mitigation. Because the Project site is located within the City of Santee's industrial zone, there are existing ambient noise levels that were measured by Dudek and are included in Table 2 of the Project's Noise Technical Report (Dudek 2024). The measured baseline outdoor ambient noise level for areas north of the Project site (i.e., occurring within the San Diego River corridor) were established to be between 50 to 56 A-weighted decibels (dBA). Figures 5 and 6 of the Project's Noise Technical Report (Dudek 2024) show that the maximum predicted operational noise levels will be in the 35 to 45 dBA range for areas occurring north of the Project site within the San Diego River corridor. Installation of an 8-foot-tall noise barrier along the northern perimeter of the Project site is proposed as a feature of the Project. With installation of this noise barrier, Project-related operational noise levels are predicted to be less than the current existing ambient sound levels in the areas occurring north of the Project site within the San Diego River corridor by a factor of 5 to 21 dBA. Additionally, all operational noise levels comply with the City of Santee's noise threshold for industrial land uses and are below 60 dBA, which is typically used as the noise threshold for wildlife species. Therefore, long-term operational noise impacts are less than significant.

The Project site currently contains sources of artificial nighttime light that are typical of a drive-in movie theater use. In addition, streetlights are present along Wheatlands Court and North Woodside Avenue to the west, south, and east, all of which are sources of nighttime light as well. Other exterior artificial light sources in the immediate vicinity of the Project site include nearby industrial uses bordering the site to the south, east, and west. There are no existing sources of light or glare from the San Diego River corridor abutting the Project site to the north; however, typical residential light sources in the residential neighborhood to the north of the Project site and the San Diego River corridor may be visible from the Project site. Implementation of MM-BIO-3 (Long-Term Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize the effect of long-term indirect impacts from proposed lighting as it would be designed consistent with the requirements of Section 13.30.030(B) of the Santee Municipal Code, which states that lighting shall be shielded, or recessed, and directed downward and away from adjoining properties.

Implementation of MM-BIO-3 (Long-Term Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize the effect of long-term indirect impacts to least Bell's vireo, yellow-breasted chat, yellow warbler, and special-status plant species by requiring measures to ensure runoff is not altered from existing conditions and toxicants are not discharged, preparation of landscaping plans that will emphasize native species and not include species from the California Invasive Plant Council's Invasive Plant Inventory, and incorporation of barriers to prevent unauthorized public access to open space areas associated with the San Diego River corridor. Therefore, long-term indirect impacts to special-status species would be reduced to less than significant with mitigation incorporated.

## 5.3.2 Impact BIO-2: Sensitive Vegetation Communities

### 5.3.2.1 Direct Impacts

A total of 13.49 acres would be permanently impacted with Project implementation (Figure 3). Table 3 summarizes permanent and temporary direct impacts to vegetation communities and land covers within the Project site. No riparian habitat would be impacted with Project implementation. Communities listed by CDFW as high priority for inventory (i.e., State Rank [S] 1, 2, or 3) are considered sensitive and typically require mitigation (CDFW 2023b). There are no sensitive vegetation communities with CDFW State Ranks of 1, 2, or 3 within the Project site. Permanent direct impacts to non-native grassland would typically require mitigation to comply with regional MSCP conservation goals (City of San Diego 1998). However, because the Project's impact to non-native grassland is very minimal (0.27 acres) and the non-native grassland within the Project site is highly disturbed and dominated by annual forb species, impacts to this vegetation community would be less than significant and no mitigation measures are required.

### 5.3.2.2 Indirect Impacts

Project implementation has the potential to result in indirect impacts to sensitive vegetation communities occurring adjacent to the Project site.

**Construction-Related*:*** Sensitive vegetation communities may be indirectly impacted during construction of the proposed Project. Potential short-term or temporary indirect impacts to sensitive vegetation communities resulting from construction activities include inadvertent spillover impacts, including unintentional clearing, trampling, or grading outside of the Project footprint; generation of fugitive dust; changes in hydrology resulting from construction, including sedimentation and erosion; the release of chemical pollutants; and the adverse effect of invasive plant species. These potential construction-related, indirect impacts to sensitive vegetation communities would be potentially significant absent mitigation.

Implementation of MM-BIO-2 (Construction-Related Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize the effect of construction-related indirect impacts to sensitive vegetation communities to less than significant with mitigation incorporated.

**Long-Term:** Potential long-term, indirect impacts that could result from development near sensitive vegetation communities include chemical releases, such as oils and grease from vehicles that could degrade habitat; increased invasive plant species that may degrade habitat; and trampling of vegetation and soil compaction by humans, which could affect soil moisture, water penetration, surface flows, and erosion. These potential long-term indirect impacts to sensitive vegetation communities would be potentially significant absent mitigation.

Implementation of MM-BIO-3 (Long-Term Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize long-term indirect impacts by requiring measures to ensure runoff is not altered from existing conditions and toxicants are not discharged, preparation of landscaping plans that will emphasize native species and not include species from the California Invasive Plant Council's Invasive Plant Inventory, and incorporation of barriers to prevent unauthorized public access to open space areas associated with the San Diego River corridor. Therefore, long-term indirect impacts to sensitive vegetation communities would be less than significant with mitigation incorporated.

## 5.3.3 Impact BIO-3: State or Federally Protected Wetlands

### 5.3.3.1 Direct Impacts

No jurisdictional aquatic resources, including state or federally protected wetlands, occur within the Project site. The edge of the Project site occurs at least 20 to 30 feet in elevation higher than and approximately 70 to 100 feet south of the riparian (willow forest) and wetland (freshwater marsh) vegetation communities associated with the San Diego River. Therefore, no direct impacts to state or federally protected wetlands are anticipated within Project implementation, and no permits under Sections 401 or 404 of the Clean Water Act are required.

### 5.3.3.2 Indirect Impacts

Project implementation has the potential to result in indirect impacts to jurisdictional aquatic resources occurring within 500 feet of the Project site associated with the San Diego River.

**Construction-Related:** Jurisdictional aquatic resources of the United States/state may be indirectly impacted during construction. Potential short-term or temporary indirect impacts to jurisdictional aquatic resources resulting from construction activities include the generation of fugitive dust; changes in hydrology resulting from construction, including sedimentation and erosion; the release of chemical pollutants; and unintentional clearing, trampling, or grading outside of the proposed construction zone. Construction-related indirect impacts to jurisdictional aquatic resources would be potentially significant absent mitigation.

Implementation of MM-BIO-2 (Construction-Related Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize construction-related indirect impacts through biological monitoring, requirement of Worker Environmental Awareness Training that will cover the special-status resources and mitigation requirements for the Project, delineation of Project boundaries, implementation of standard dust control measures, development of a Stormwater Pollution Prevention Plan, and requiring all vehicles and equipment to be serviced in designated staging areas. Therefore, construction-related indirect impacts to jurisdictional aquatic resources would be less than significant with mitigation incorporated.

**Long-Term:** Potential long-term indirect impacts that could result from development near jurisdictional aquatic resources of the United States/state include pollutants that could degrade water quality and habitat; increased invasive plant species that may degrade habitat; and trampling of vegetation and soil compaction by humans, which could affect soil moisture, water penetration, surface flows, and erosion. Long-term indirect impacts to jurisdictional aquatic resources would be potentially significant absent mitigation.

Implementation of MM-BIO-3 (Long-Term Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize long-term indirect impacts by requiring measures to ensure runoff is not altered from existing conditions and toxicants are not discharged, preparation of landscaping plans that will emphasize native species and not include species from the California Invasive Plant Council's Invasive Plant Inventory, and incorporation of barriers to prevent unauthorized public access to areas with state and federally protected waterways. Therefore, long-term indirect impacts to jurisdictional aquatic resources would be less than significant with mitigation incorporated.

## 5.3.4 Impact BIO-4: Wildlife Corridors and Habitat Linkages

### 5.3.4.1 Direct Impacts

The Project site is currently developed as a parking lot and drive-in theater and is not mapped as a core area or habitat linkage under the MSCP (City of San Diego 1998). Therefore, the Project site does not function as a wildlife corridor or habitat linkage. Therefore, no direct impacts are anticipated to wildlife corridors and/or habitat linkages with Project implementation.

### 5.3.4.2 Indirect Impacts

Project implementation has the potential to result in indirect impacts to the San Diego River corridor, which occurs adjacent to the Project site and may function as a local wildlife corridor.

**Construction-Related:** The San Diego River wildlife corridor may be indirectly impacted during construction of the proposed Project. Potential short-term or temporary indirect impacts to biological resources within the San Diego River wildlife corridor resulting from construction activities include inadvertent spillover impacts, including unintentional clearing, trampling, or grading outside of the Project footprint; generation of fugitive dust; changes in hydrology resulting from construction, including sedimentation and erosion; the release of chemical pollutants; and the adverse effects of invasive plant species. These potential construction-related, indirect impacts to the San Diego River wildlife corridor would be potentially significant absent mitigation.

Implementation of MM-BIO-2 (Construction-Related Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize the effect of construction-related indirect impacts to the San Diego River wildlife corridor to less than significant with mitigation incorporated. Project construction would be limited to the City of Santee's allowable construction hours of 7:00 a.m. and 7:00 p.m. and is not anticipated to require lighting. In the event that construction lighting is required, it would be properly shielded to avoid spillover effects (MM-BIO-2).

**Long-Term:** Potential long-term, indirect impacts that could result from development near the San Diego River wildlife corridor include chemical releases such as oils and grease from vehicles that could degrade habitat; increased invasive plant species that may degrade habitat; nighttime lighting; and trampling of vegetation and soil compaction by humans, which could affect soil moisture, water penetration, surface flows, and erosion. These potential long-term indirect impacts to the San Diego River wildlife corridor would be potentially significant absent mitigation. Because the Project site is located within the City of Santee's industrial zone, the Project's operational noise (e.g., manufacturing; heating, ventilation, and air conditioning; truck loading and unloading) would not change the existing noise levels in the surrounding vicinity, and all operational noise levels comply with the City of Santee's noise threshold for industrial land uses. Therefore, long-term operational noise impacts are less than significant.

The Project site contains sources of artificial nighttime light that are typical of a drive-in movie theater use. In addition, streetlights are present along Wheatlands Court and North Woodside Avenue to the west, south, and east, all of which are sources of nighttime light as well. Other exterior artificial light sources in the immediate vicinity of the Project site include nearby industrial uses bordering the site to the south, east, and west. There are no existing sources of light or glare from the San Diego River corridor abutting the Project site to the north; however, typical residential light sources in the residential neighborhood to the north of the Project site and the San Diego River may be visible from the Project site. Implementation of MM-BIO-3 (Long-Term Indirect Impacts to Special-Status

Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize the effect of long-term indirect impacts from the Project's lighting as it would be designed consistent with the requirements of Section 13.30.030(B) of the Santee Municipal Code, which states that lighting shall be shielded, or recessed, and directed downward and away from adjoining properties.

Implementation of MM-BIO-3 (Long-Term Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources) would minimize the effect of long-term indirect impacts to the San Diego River wildlife corridor by requiring measures to ensure runoff is not altered from existing conditions and toxicants are not discharged, preparation of landscaping plans that will emphasize native species and not include species from the California Invasive Plant Council's Invasive Plant Inventory, and incorporation of barriers to prevent unauthorized public access to open space areas associated with the San Diego River corridor. Therefore, long-term indirect impacts to wildlife corridors would be reduced to less than significant with mitigation incorporated.

## 5.3.5 Impact BIO-5: Local Policies and Ordinances

### City of Santee

The City of Santee's Urban Forestry Ordinance contains tree-related policies, regulations, and generally accepted standards for planting, trimming, and removing trees on public property and public rights-of-way (Santee Municipal Code, Section 8.06 [City of Santee 2020]). The ordinance gives the City of Santee control of all trees, shrubs, and other plantings in any street, park, public right-of-way, landscape maintenance district or easement, or other City-owned property. City of Santee staff review of development plans for the City-owned and maintained property would ensure that the proposed landscaping and maintenance requirements conform to the Urban Forestry Ordinance. The proposed site plan would require removal of 109 trees, encroachment upon 24 trees, and preservation of 7 trees. As such, tree replacement would occur at a 1:1 mitigation ratio with 15-gallon trees, as directed by MM-BIO-4. Additionally, measures to minimize damage to the encroachment and preserved trees, as well as recommendations for long-term maintenance and care for trees that will be retained on site, would be included in the Project's Landscape Plan. Therefore, the proposed Project would comply with the Urban Forestry Ordinance, and impacts would be less than significant with mitigation incorporated.

In the Conservation Element of the City of Santee General Plan, biological resources are discussed, and specific objectives and policies are presented (City of Santee 2003). The proposed Project does not conflict with any objectives or policies as presented in the Conservation Element of the Santee General Plan. Therefore, impacts to local policies and ordinances would be less than significant and no mitigation measures are required.

## 5.3.6 Impact BIO-6: Habitat Conservation Plans

### MSCP Plan and Draft Santee MSCP Subarea Plan

The Project site is within the boundaries of the MSCP Plan (City of San Diego 1998). The Draft Santee MSCP Subarea Plan would serve as a Habitat Conservation Plan under the MSCP Plan (City of San Diego 1998) pursuant to Section 10(a)(1)(B) of FESA, and as a Natural Community Conservation Plan pursuant to the California Natural Community Conservation Planning Act of 1991. The Draft Santee MSCP Subarea Plan, once finalized, will contribute to the regional MSCP for preservation, mitigation for impacts, and conservation of sensitive biological resources within San Diego County. The Draft Santee MSCP Subarea Plan is also intended to provide cumulative mitigation for impacts to Covered Species within the City of Santee's jurisdiction, as long as projects are consistent with and

covered by provisions of the Santee MSCP Subarea Plan, and to ensure sufficient biological resources are conserved to assist in the conservation and recovery of Covered Species under the MSCP.

Although the Draft Santee MSCP Subarea Plan has not yet been approved or permitted, it is used as the guidance document for projects occurring within the City of Santee. All Project impacts would occur outside of the Draft Santee MSCP Subarea Plan Preserve area. However, as shown in Figure 1, the Project site is adjacent to Preserve areas associated with the San Diego River corridor as identified in the Draft Santee MSCP Subarea Plan. MM-BIO-1 through MM-BIO-3 are proposed to prevent any indirect impacts to special-status species, sensitive vegetation communities, and/or jurisdictional aquatic resources associated with the San Diego River Preserve. Furthermore, Project implementation would not conflict with the provisions of the MSCP Plan or Draft Santee MSCP Subarea Plan, nor would it prevent the Draft Santee MSCP Subarea Plan from being approved or compromise continued implementation of the MSCP in San Diego County. Therefore, impacts to Habitat Conservation Plans would be less than significant and no mitigation measures are required.

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# 6 Mitigation Measures

MM-BIO-1 Pre-Construction Nesting Bird Survey. Construction within all potential nesting resource areas within the Project site (i.e., non-native woodland areas and ornamental trees) and areas of the Project site within 500 feet of the San Diego River should be avoided during the migratory bird nesting season (typically January 1 through September 30). If construction activities (i.e., grading, tree removal, external construction involving heavy equipment generating noise in excess of 60 dBA [energy equivalent level]) must occur during the bird nesting season, an avian nesting survey of all potential nesting resource areas (e.g., non-native woodland areas and ornamental trees) within the Project site and areas of the San Diego River within 500 feet of all impact areas must be conducted to determine the presence/absence of special-status species, protected migratory birds, and active nests. The avian nesting survey shall be performed by a qualified wildlife biologist within 14 days prior to the start of construction, and one more survey pass shall be conducted within 24 hours of initiation of construction activities in accordance with the Migratory Bird Treaty Act and California Fish and Game Code Sections 3503, 3503.5, and 3513. If construction activities are on hold for more than 30 days, then pre-construction surveys would need to be reinitiated. If an active bird nest is found, the nest shall be flagged and mapped on the construction plans, along with an appropriate buffer established around the nest, which will be determined by the biologist based on the species' sensitivity to disturbance (typically 300 feet for passerines and 500 feet for raptors and special-status species), existing nearby conditions (e.g., natural habitat versus roads or existing noisy activities), existing buffering features (e.g., topography, tall and dense trees, buildings), legal status of species (i.e., listed versus non-listed), general sensitivities of the species (e.g., disturbance tolerant or urban versus not disturbance tolerant), and other variables. The nest area shall be avoided until the nest is vacated and the juveniles have fledged. The nest area shall be demarcated in the field with flagging and stakes or construction fencing. On-site construction monitoring shall also be conducted when an active nest buffer is in place. No Project activities shall encroach into established buffers without the consent of a monitoring biologist. The buffer shall remain in place until it is determined that the nestlings have fledged and the nest is no longer active.

MM-BIO-2 Construction-Related Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources. Prior to approval of grading plans and issuance of a grading permit, construction plans and conditions of approval shall include the following to address potential indirect impacts to special-status species occurring within all suitable habitat associated with the San Diego River corridor (i.e., within 500 feet of the Project site):

- **Biological Monitoring.** A qualified Project biologist approved by the City of Santee shall monitor ground-disturbing and vegetation clearing activities for the duration of the Project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat, species of concern, and other sensitive biological resources outside the Project footprint. Once ground-disturbing and vegetation clearing activities are complete, the Project biologist shall conduct weekly checks to inspect construction fencing and ensure that all applicable requirements from the mitigation measures are being upheld.

- **Worker Environmental Awareness Training.** Prior to grading, a pre-construction meeting shall be required that includes a training session for Project personnel by a qualified biologist. The training shall include (1) a description of the species of concern and its habitats; (2) the general provisions of the applicable regulations pertaining to biological resources, including the Endangered Species Act and the Clean Water Act; (3) the need to adhere to the provisions of the Endangered Species Act, the Clean Water Act, and other applicable regulations; (4) the penalties associated with violating the provisions of the Endangered Species Act, Clean Water Act, and other applicable regulations; (5) the general measures that are being implemented to conserve the species of concern as they relate to the Project; and (6) the access routes to and Project site boundaries within which the Project activities must be accomplished. Additionally, the training shall include the measures and mitigation requirements for the applicable resources. Copies of the mitigation measures and any required permits from the resource agencies shall be made available to construction personnel.
- **Delineation of Property Boundaries.** Before beginning activities that would cause impacts, the contractor shall, in consultation with the biological monitor, clearly delineate the boundaries with fencing, stakes, or flags, consistent with the grading plan, within which the impacts will take place. All impacts outside the fenced, staked, or flagged areas shall be avoided, and all fencing, stakes, and flags shall be maintained until the completion of impacts in that area. In addition, any avoided environmental resources shall be clearly delineated. Prior to implementing construction activities, the biological monitor shall verify that the flagging clearly delineates the construction limits and any sensitive environmental resources to be avoided.
- **Standard Dust Control Measures.** Standard dust control measures as per the San Diego County Air Pollution Control District shall be implemented to reduce impacts on nearby plants and wildlife. Measures include controlling speed to 15 miles per hour or less on unpaved roads, replacing ground cover in disturbed areas as quickly as possible, frequently watering active work sites, installing shaker plates, and suspending excavation and grading operations during periods of high winds.
- **Stormwater Pollution Prevention Plan.** Prior to issuance of a grading permit for construction, the applicant shall submit a Stormwater Pollution Prevention Plan (SWPPP) to the City of Santee that specifies best management practices to prevent all construction pollutants from contacting stormwater, with the intent of keeping sedimentation or any other pollutants from moving off site and into receiving waters. The requirements of the SWPPP shall be incorporated into design specifications and construction contracts. Best management practice categories employed on site shall include erosion control, sediment control, and non-stormwater good housekeeping. Best management practices recommended for the construction phase shall include, but not be limited to, the following:
  - Limiting grading to the minimum area necessary for construction, operation, and decommissioning of the Project.
  - Limiting vegetation disturbance/removal to the maximum extent practicable.
  - Implementing fiber rolls and sandbags around drainage areas and the site perimeter.
  - Stockpiling and disposing of demolition debris, concrete, and soil properly.
  - Installing a stabilized construction entrance/exit and stabilizing disturbed areas.
  - Installing proper protections for fueling and maintaining equipment and vehicles.

- Managing waste, aggressively controlling litter, and implementing sediment controls.
- Stabilizing soil in disturbed areas through revegetation.

The following water quality measures shall be included in the SWPPP:

- Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.
- The Project shall be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern, as feasible. Project activities that cannot be conducted without placing equipment or personnel in sensitive habitats shall be timed to avoid the breeding season of riparian species.
- Water pollution and erosion control plans shall be developed and implemented in accordance with the Regional Water Quality Control Board.
- Minimize Spills of Hazardous Materials. All vehicles and equipment shall be maintained in proper condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials. Hazardous spills shall be immediately cleaned up and the contaminated soil shall be properly handled and disposed of at a licensed facility. Servicing of construction equipment shall take place only at a designated staging area. The staging area will be located on the south side of the Project site, away from the San Diego River, and no stockpiles will be allowed adjacent to the San Diego River corridor.
- Wildlife Hazards. The following measures shall be implemented to ensure that wildlife do not become trapped, entangled, injured, or poisoned by construction activities:
  - Structures in which wildlife may become trapped (e.g.,, open pipes, pits, trenches) shall be tightly covered at the end of each work day. If covering the structure is not possible, an escape ramp shall be provided to allow any wildlife that falls in to safely escape.
  - Debris piles, construction materials, equipment, and other items that may be used as wildlife refuge shall be inspected for wildlife at the start of each work day and prior to disturbance. If wildlife is discovered, it shall either be moved out of harm's way by a qualified biologist or allowed to move off of the Project site on its own.
  - Nets and mesh shall be made of loose weave material that is not fused at the intersections of the weave because nets with welded weaves present an entanglement risk.
  - Toxic materials and garbage shall be removed from the work site and safely stored or disposed of at the end of each work day.
- Invasive Weeds. To reduce the spread of invasive plant species, landscape plants shall not be on the most recent version of the California Invasive Plant Council's Invasive Plant Inventory (http://www.cal-ipc.org/ip/inventory/index.php).
- Night Work. All construction activities shall be conducted during the daytime, and lights shall not be kept on overnight in the construction area, as practicable. If night lighting is required during construction activities, all exterior lighting along undeveloped land shall be fully shielded and directed downward in a manner that will prevent light spillage or glare into the adjacent open space.

MM-BIO-3 Long-Term Indirect Impacts to Special-Status Species, Sensitive Vegetation Communities, and Jurisdictional Aquatic Resources. Prior to approval of grading plans and issuance of a grading permit, construction plans and conditions of approval shall include the following to address potential indirect impacts to special-status species occurring within all suitable habitat associated with the San Diego River corridor (i.e., within 500 feet of the Project site):

- **Runoff:** Future development within 500 feet of suitable habitat for special-status species shall incorporate measures, including measures required through the National Pollutant Discharge Elimination System, to ensure that the quantity and quality of runoff discharged is not altered in an adverse way when compared with existing conditions. In particular, measures, such as an infiltration system designed to capture and treat stormwater pollutants, consistent with commercial/industrial developments and associated parking lots, and including oil, grease, metals, trash, and debris, shall be put in place to avoid discharge of untreated surface runoff from developed and paved areas into open space or suitable habitat for special-status species. Stormwater systems shall be designed to prevent the release of toxins, chemicals, petroleum products, exotic plant materials, or other elements that might degrade or harm biological resources or ecosystem processes. This can be accomplished using a variety of methods, including natural detention basins, grass swales, or mechanical trapping devices. Regular maintenance shall occur to ensure effective operation of runoff control systems.
- **Lighting:** Project lighting would be designed consistent with the requirements of Section 13.30.030(B) of the Santee Municipal Code. Night lighting shall be directed away from open space and/or suitable habitat for special-status species to protect species from direct night lighting. Shielding, including use of light-controlling devices such as light guards, shall be incorporated in Project designs to ensure that ambient lighting is not increased.
- **Invasive Species:** Landscape Plans shall incorporate native species that occur in the region. Invasive, non-native plant species listed on the most recent California Invasive Plant Council's Invasive Plant Inventory (https://www.cal-ipc.org/plants/inventory/) with a rating of moderate or high shall not be included in landscaping.
- **Barriers:** The proposed Project shall incorporate barriers, where appropriate, to minimize unauthorized public access, domestic animal predation, illegal trespass, or dumping in open space and/or suitable habitat for special-status wildlife (e.g., San Diego River corridor). Such barriers may include native landscaping, rocks/boulders, fencing, walls, signage, and/or other appropriate mechanisms.

MM-BIO-4 Tree Replacement, Encroachment, and Preservation. Prior to approval of grading plans and issuance of a grading permit, construction plans, conditions of approval, and the Project's Landscape Plan shall include the following to address tree removal, encroachment into protected zone, and retained trees:

- **Replacement:** The proposed site plan would require removal of 109 trees. Tree replacement shall occur at a 1:1 mitigation ratio with 15-gallon trees and be included in the Project's Landscape Plan, which shall also include recommendations for long-term maintenance and care for regulated trees that will be retained on site.
- **Encroachment into Protected Zone and Retained Trees:** The Project would encroach upon 24 trees and preserve 7 trees. As such, the recommendations provided in the Tree Protection

Measures from the Arborist Report for the Palisade Santee Commerce Center Project (prepared by Dudek in May 2024) designed to mitigate impacts from construction encroachment into the protected zone of the preserved and encroached upon trees shall be implemented. These Tree Protection Measures are consistent with best management practices for tree protection on construction sites and would help minimize impacts to preserved and encroached trees. These measures shall be implemented prior to, during, and following construction. This includes measures such as exclusion fencing and worker training to avoid direct impacts to trees, and measures such as irrigation and monthly inspections by a certified arborist to promote the long-term health of retained trees.

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SOURCE: SanGIS, Open Street Maps

DUDEK

0 250 500 Feet

**FIGURE 1**

Project Location

Palisades Santee Commerce Center Project

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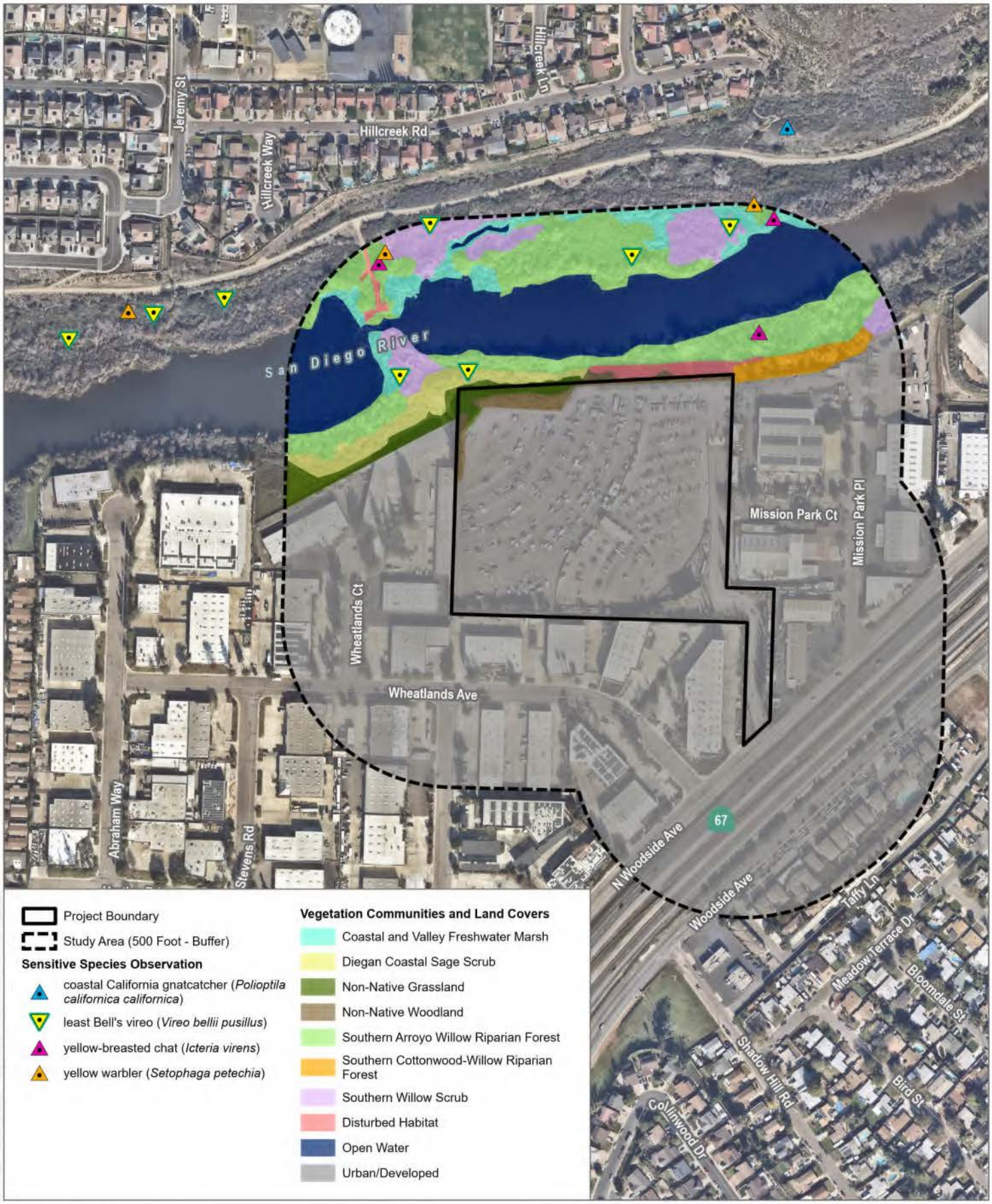


SOURCE: SanGIS, Open Street Maps

DUDEK

0 100 200 Feet

**FIGURE 2**

Biological Resources

Palisades Santee Commerce Center Project

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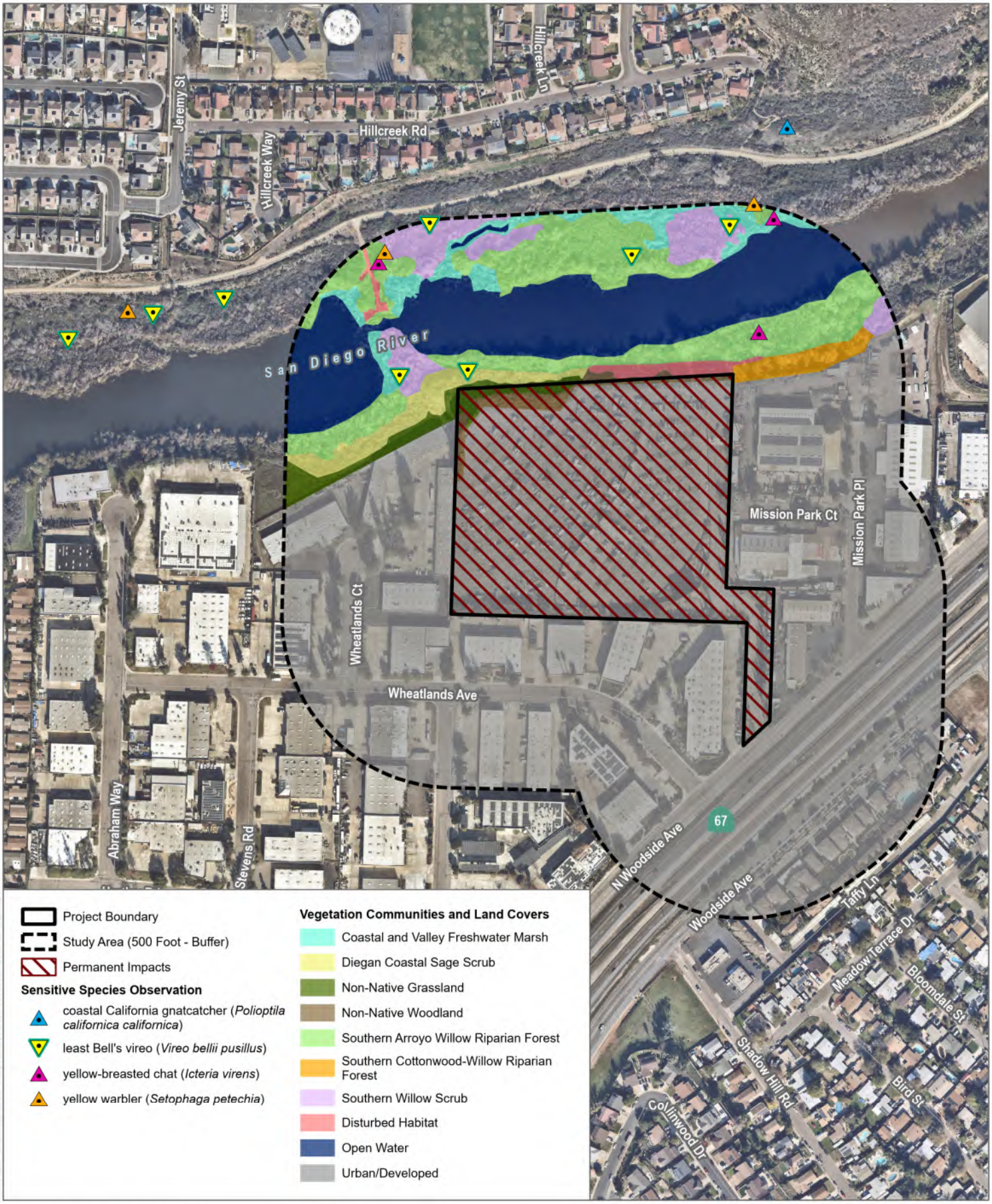


SOURCE: SanGIS, Open Street Maps

DUDEK

0 100 200 Feet

**FIGURE 3**

Impacts

Palisades Santee Commerce Center Project

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# Appendix A

Plant Species Observed on Site

# Plant Species

## Vascular Species

### Eudicots

#### ANACARDIACEAE – SUMAC OR CASHEW FAMILY

* *Rhus lancea* – African sumac
* *Schinus molle* – Peruvian peppertree
* *Schinus terebinthifolius* – Brazilian peppertree

#### ASTERACEAE – SUNFLOWER FAMILY

* *Centaurea melitensis* – Maltese star-thistle

#### BRASSICACEAE – MUSTARD FAMILY

* *Hirschfeldia incana* – shortpod mustard

#### FABACEAE – LEGUME FAMILY

* *Acacia* sp. – acacia

#### MYRTACEAE – MYRTLE FAMILY

* *Eucalyptus cladocalyx* – sugargum
* *Eucalyptus polyanthemos* – redbox
* *Lophostemon confertus* – brisbane box
* *Syzygium paniculatum* – no common name

#### OLEACEAE – OLIVE FAMILY

* *Olea europaea* – olive

#### PLATANACEAE – PLANE TREE, SYCAMORE FAMILY

*Platanus racemosa* – California sycamore

#### PROTEACEAE – PROTEA FAMILY

* *Grevillea robusta* – silkoak

#### VIBURNACEAE – MUSKROOT FAMILY

*Sambucus mexicana* – blue elderberry

### Gymnosperms and Gnetophytes

#### CUPRESSACEAE – CYPRESS FAMILY

* *Cupressus sempervirens* – Italian cypress

## Monocots

### ARECACEAE – PALM FAMILY

* *Washingtonia robusta* – Washington fan palm

### POACEAE – GRASS FAMILY

* *Avena fatua* – wild oat
* *Bromus diandrus* – ripgut brome
* *Bromus rubens* – red brome

* signifies introduced (non-native) species

# Appendix B
## Wildlife Species Observed on Site

# Wildlife Species

## Amphibians

### Frogs

#### HYLIDAE – TREEFROGS

*Pseudacris hypochondriaca* – Baja California treefrog

#### RANIDAE – TRUE FROGS

* *Lithobates catesbeianus* – American bullfrog

## Birds

### Blackbirds, Orioles and Allies

#### ICTERIDAE – BLACKBIRDS

*Agelaius phoeniceus* – red-winged blackbird

*Euphagus cyanocephalus* – Brewer's blackbird

*Icterus cucullatus* – hooded oriole

* *Molothrus ater* – brown-headed cowbird

### Bushtits

#### AEGITHALIDAE – LONG-TAILED TITS AND BUSHTITS

*Psaltriparus minimus* – bushtit

### Cardinals, Grosbeaks and Allies

#### CARDINALIDAE – CARDINALS AND ALLIES

*Pheucticus melanocephalus* – black-headed grosbeak

### Cormorants

#### PHALACROCORACIDAE – CORMORANTS

*Nannopterum auritus* – double-crested cormorant

### Finches

#### FRINGILLIDAE – FRINGILLINE AND CARDUELINE FINCHES AND ALLIES

*Haemorhous mexicanus* – house finch

*Spinus psaltria* – lesser goldfinch

## Flycatchers

### TYRANNIDAE – TYRANT FLYCATCHERS

*Myiarchus cinerascens* – ash-throated flycatcher
*Sayornis nigricans* – black phoebe
*Tyrannus vociferans* – Cassin's kingbird

## Grebes

### PODICIPEDIDAE – GREBES

*Podilymbus podiceps* – pied-billed grebe

## HAWKS

### ACCIPITRIDAE – HAWKS, KITES, EAGLES, AND ALLIES

*Accipiter cooperii* – Cooper's hawk
*Buteo jamaicensis* – red-tailed hawk
*Buteo lineatus* – red-shouldered hawk

## Herons and Bitterns

### ARDEIDAE – HERONS, BITTERNS, AND ALLIES

*Ardea alba* – great egret
*Egretta thula* – snowy egret
*Nycticorax nycticorax* – black-crowned night-heron

## Hummingbirds

### TROCHILIDAE – HUMMINGBIRDS

*Calypte anna* – Anna's hummingbird

## Jays, Magpies and Crows

### CORVIDAE – CROWS AND JAYS

*Corvus brachyrhynchos* – American crow

## Mockingbirds and Thrashers

### MIMIDAE – MOCKINGBIRDS AND THRASHERS

*Mimus polyglottos* – northern mockingbird

## Old World Sparrows

### PASSERIDAE – OLD WORLD SPARROWS

* *Passer domesticus* – house sparrow

## Old World Warblers and Gnatcatchers

### POLIOPTILIDAE – GNATCATCHERS

*Polioptila caerulea* – blue-gray gnatcatcher

## Pigeons and Doves

### COLUMBIDAE – PIGEONS AND DOVES

*Zenaida macroura* – mourning dove

## Rails, Gallinules and Coots

### RALLIDAE – RAILS, GALLINULES, AND COOTS

*Fulica americana* – American coot

## Silky Flycatchers

### PTILOGONATIDAE – SILKY-FLYCATCHERS

*Phainopepla nitens* – phainopepla

## Thrushes

### TURDIDAE – THRUSHES

*Turdus migratorius* – American robin

## Vireos

### VIREONIDAE – VIREOS

*Vireo bellii pusillus* – least Bell's vireo

## Waterfowl

### ANATIDAE – DUCKS, GEESE, AND SWANS

*Anas platyrhynchos* – mallard

*Branta canadensis* – Canada goose

*Bucephala albeola* – bufflehead

*Mareca americana* – American wigeon

## Wood Warblers and Allies

### PARULIDAE – WOOD-WARBLERS

*Geothlypis trichas* – common yellowthroat

*Setophaga petechia* – yellow warbler

## Woodpeckers

### PICIDAE – WOODPECKERS AND ALLIES

*Dryobates nuttallii* – Nuttall's woodpecker

## Wrens

### TROGLODYTIDAE – WRENS

*Troglodytes aedon* – house wren

*Thryomanes bewickii* – Bewick's wren

## Waxbills

### ESTRILDIDAE – WAXBILLS

* *Lonchura punctulata* – scaly-breasted munia

## New World Sparrows

### PASSERELLIDAE – NEW WORLD SPARROWS

*Melospiza melodia* – song sparrow

*Melozone crissalis* – California towhee

*Pipilo maculatus* – spotted towhee

## Chats

### ICTERIIDAE – YELLOW-BREASTED CHAT

*icteria virens* – yellow-breasted chat

## Typical Warblers, Parrotbills, Wrentit

### SYLVIIDAE – SYLVIID WARBLERS

*Chamaea fasciata* – wrentit

# Mammals

## Hares and Rabbits

### LEPORIDAE – HARES AND RABBITS

*Sylvilagus bachmani* – brush rabbit

## Squirrels

### SCIURIDAE – SQUIRRELS

*Otospermophilus beecheyi* – California ground squirrel

## Raccoons

### PROCYONIDAE – RACCOONS AND RELATIVES

*Procyon lotor* – northern raccoon

# Reptiles

## Lizards

### PHRYNOSOMATIDAE – IGUANID LIZARDS

*Sceloporus occidentalis* – western fence lizard

*Uta stansburiana* – common side-blotched lizard

* signifies introduced (non-native) species

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# Appendix C

Special-Status Plant Species Potential to Occur

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Acanthomintha ilicifolia* | San Diego thorn-mint | FT/SE/1B.1 | Chaparral, coastal scrub, valley and foothill grassland, vernal pools; clay, openings/ annual herb/Apr–June/35–3,145 | Not expected to occur. No suitable vegetation present. |
| *Acmispon prostratus* | Nuttall's acmispon | None/None/1B.1 | Coastal dunes, coastal scrub (sandy)/annual herb/Mar–June(July)/0–35 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Adolphia californica* | California adelphia | None/None/2B.1 | Chaparral, coastal scrub, valley and foothill grassland; clay/perennial deciduous shrub/Dec–May/35–2,425 | Not expected to occur. No suitable vegetation present. |
| *Allium marvinii* | Yucaipa onion | None/None/1B.2 | Chaparral (clay, openings)/perennial bulbiferous herb/Apr–May/2,490–3,490 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Ambrosia chenopodiifolia* | San Diego bur-sage | None/None/2B.1 | Coastal scrub/perennial shrub/ Apr–June/180–510 | Not expected to occur. No suitable vegetation present. |
| *Ambrosia monogyra* | singlewhorl burrobrush | None/None/2B.2 | Chaparral, Sonoran desert scrub; sandy/perennial shrub/Aug–Nov/35–1,640 | Not expected to occur. No suitable vegetation present. |
| *Ambrosia pumila* | San Diego ambrosia | FE/None/1B.1 | Chaparral, coastal scrub, valley and foothill grassland, vernal pools; alkaline (sometimes), clay (sometimes), disturbed areas (often), loam (sometimes), sandy (sometimes)/ perennial rhizomatous herb/Apr–Oct/ 65–1,360 | Not expected to occur. No suitable vegetation present. |
| *Aphanisma blitoides* | aphanisma | None/None/1B.2 | Coastal bluff scrub, coastal dunes, coastal scrub; gravelly (sometimes), sandy (sometimes)/annual herb/Feb–June/ 5–1,000 | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Arctostaphylos glandulosa* ssp. *crassifolia* | Del Mar manzanita | FE/None/1B.1 | Chaparral (maritime, sandy)/perennial evergreen shrub/June–Apr/0–1,195 | Not expected to occur. No suitable vegetation present. |
| *Arctostaphylos otayensis* | Otay manzanita | None/None/1B.2 | Chaparral, cismontane woodland/perennial evergreen shrub/Jan–Apr/900–5,575 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Artemisia palmeri* | San Diego sagewort | None/None/4.2 | Chaparral, coastal scrub, riparian forest, riparian scrub, riparian woodland; mesic, sandy/perennial deciduous shrub/ (Feb) May–Sep/15–3,000 | Not expected to occur. No suitable vegetation present. |
| *Asplenium vespertinum* | western spleenwort | None/None/4.2 | Chaparral, cismontane woodland, coastal scrub; rocky/perennial rhizomatous herb/Feb–June/590–3,280 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Astragalus deanei* | Dean's milk-vetch | None/None/1B.1 | Chaparral, cismontane woodland, coastal scrub, riparian forest/perennial herb/ Feb–May/245–2,280 | Not expected to occur. No suitable vegetation present. |
| *Astragalus oocarpus* | San Diego milk-vetch | None/None/1B.2 | Chaparral (openings), cismontane woodland/ perennial herb/May–Aug/1,000–5,000 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Atriplex coulteri* | Coulter's saltbush | None/None/1B.2 | Coastal bluff scrub, coastal dunes, coastal scrub, valley and foothill grassland; alkaline (sometimes), clay (sometimes)/perennial herb/Mar–Oct/10–1,505 | Not expected to occur. No suitable vegetation present. |
| *Atriplex pacifica* | south coast saltscale | None/None/1B.2 | Coastal bluff scrub, coastal dunes, coastal scrub, playas/annual herb/Mar–Oct/0–460 | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Baccharis vanessae* | Encinitas baccharis | FT/SE/1B.1 | Chaparral (maritime), cismontane woodland; sandstone/perennial deciduous shrub/ Aug–Nov/195–2,360 | Not expected to occur. No suitable vegetation present. |
| *Bergerocactus emoryi* | golden-spined cereus | None/None/2B.2 | Chaparral, closed-cone coniferous forest, coastal scrub; sandy/perennial stem/ May–June/10–1,295 | Not expected to occur. No suitable vegetation present. |
| *Bloomeria clevelandii* | San Diego goldenstar | None/None/1B.1 | Chaparral, coastal scrub, valley and foothill grassland, vernal pools; clay/perennial bulbiferous herb/Apr–May/165–1,525 | Not expected to occur. No suitable vegetation present. |
| *Brodiaea filifolia* | thread-leaved brodiaea | FT/SE/1B.1 | Chaparral (openings), cismontane woodland, coastal scrub, playas, valley and foothill grassland, vernal pools; clay (often)/perennial bulbiferous herb/Mar–June/80–3,670 | Not expected to occur. No suitable vegetation present. |
| *Brodiaea orcuttii* | Orcutt's brodiaea | None/None/1B.1 | Chaparral, cismontane woodland, closed-cone coniferous forest, meadows and seeps, valley and foothill grassland, vernal pools; clay, mesic/perennial bulbiferous herb/ May–July/100–5,550 | Not expected to occur. No suitable vegetation present. |
| *Calandrinia breweri* | Brewer's calandrinia | None/None/4.2 | Chaparral, coastal scrub; burned areas, disturbed areas, loam (sometimes), sandy (sometimes)/annual herb/ (Jan) Mar–June/35–4,000 | Not expected to occur. No suitable vegetation present. |
| *Calochortus dunnii* | Dunn's mariposa-lily | None/SR/1B.2 | Chaparral, closed-cone coniferous forest, valley and foothill grassland; gabbroic (sometimes), rocky/perennial bulbiferous herb/(Feb) Apr–June/605–6,000 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Carex obispoensis* | San Luis Obispo sedge | None/None/1B.2 | Chaparral, closed-cone coniferous forest, coastal prairie, coastal scrub, valley and foothill grassland; clay (often), gabbroic (sometimes), seeps (often), serpentinite (often)/perennial cespitose herb/ Apr–June/35–2,690 | Not expected to occur. No suitable vegetation present. |
| *Castilleja plagiotoma* | Mojave paintbrush | None/None/4.3 | Great Basin scrub (alluvial), Joshua tree "woodland," lower montane coniferous forest, pinyon and juniper woodland/perennial herb (hemiparasitic)/Apr–June/985–8,200 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Ceanothus cyaneus* | Lakeside ceanothus | None/None/1B.2 | Chaparral, closed-cone coniferous forest/perennial evergreen shrub/ Apr–June/770–2,475 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Ceanothus otayensis* | Otay Mountain ceanothus | None/None/1B.2 | Chaparral (gabbroic, metavolcanic)/perennial evergreen shrub/Jan–Apr/1,965–3,605 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Ceanothus verrucosus* | wart-stemmed ceanothus | None/None/2B.2 | Chaparral/perennial evergreen shrub/ Dec–May/5–1,245 | Not expected to occur. No suitable vegetation present. |
| *Centromadia pungens* ssp. *laevis* | smooth tarplant | None/None/1B.1 | Chenopod scrub, meadows and seeps, playas, riparian woodland, valley and foothill grassland; alkaline/annual herb/Apr–Sep/ 0–2,095 | Not expected to occur. No suitable vegetation present. |
| *Chloropyron maritimum* ssp. *maritimum* | salt marsh bird's-beak | FE/SE/1B.2 | Coastal dunes, marshes and swamps (coastal salt)/annual herb (hemiparasitic)/ May–Oct (Nov)/0–100 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Chorizanthe polygonoides* var. *longispina* | long-spined spineflower | None/None/1B.2 | Chaparral, coastal scrub, meadows and seeps, valley and foothill grassland, vernal pools; clay (often)/annual herb/ Apr–July/100–5,015 | Not expected to occur. No suitable vegetation present. |
| *Clarkia delicata* | delicate clarkia | None/None/1B.2 | Chaparral, cismontane woodland; gabbroic (often)/annual herb/Apr–June/770–3,280 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Clinopodium chandleri* | San Miguel savory | None/None/1B.2 | Chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland; gabbroic (sometimes), rocky (sometimes)/perennial shrub/Mar–July/ 395–3,525 | Not expected to occur. No suitable vegetation present. |
| Comarostaphylis *diversifolia* ssp. *diversifolia* | summer holly | None/None/1B.2 | Chaparral, cismontane woodland/perennial evergreen shrub/Apr–June/100–2,590 | Not expected to occur. No suitable vegetation present. |
| *Convolvulus simulans* | small-flowered morning-glory | None/None/4.2 | Chaparral (openings), coastal scrub, valley and foothill grassland; clay, seeps, serpentinite/annual herb/ Mar–July/100–2,425 | Not expected to occur. No suitable vegetation present. |
| *Corethrogyne filaginifolia* var. *incana* | San Diego sand aster | None/None/1B.1 | Chaparral, coastal bluff scrub, coastal scrub/perennial herb/June–Sep/10–375 | Not expected to occur. No suitable vegetation present. |
| *Cylindropuntia californica* var. *californica* | snake cholla | None/None/1B.1 | Chaparral, coastal scrub/perennial stem/ Apr–May/100–490 | Not expected to occur. No suitable vegetation present. |
| *Deinandra conjugens* | Otay tarplant | FT/SE/1B.1 | Coastal scrub, valley and foothill grassland; clay/annual herb/(Apr)May–June/80–985 | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Deinandra floribunda* | Tecate tarplant | None/None/1B.2 | Chaparral, coastal scrub/annual herb/ Aug–Oct/230–4,000 | Not expected to occur. No suitable vegetation present. |
| *Dicranostegia orcuttiana* | Orcutt's bird's-beak | None/None/2B.1 | Coastal scrub/annual herb (hemiparasitic)/ (Mar)Apr-July (Sep)/35–1,145 | Not expected to occur. No suitable vegetation present. |
| *Dudleya variegata* | variegated dudleya | None/None/1B.2 | Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland, vernal pools; clay/perennial herb/Apr–June/ 10–1,900 | Not expected to occur. No suitable vegetation present. |
| *Ericameria palmeri* var. *palmeri* | Palmer's goldenbush | None/None/1B.1 | Chaparral, coastal scrub; mesic/perennial evergreen shrub/(July)Sep–Nov/100–1,965 | Not expected to occur. No suitable vegetation present. |
| *Eriodictyon sessilifolium* | sessile-leaved yerba santa | None/None/2B.1 | Coastal scrub; volcanic/perennial shrub/July/560–560 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Eriogonum evanidum* | vanishing wild buckwheat | None/None/1B.1 | Chaparral, cismontane woodland, lower montane coniferous forest, pinyon and juniper woodland; gravelly (sometimes), sandy (sometimes)/annual herb/ July–Oct/3,605–7,295 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Eryngium aristulatum* var. *parishii* | San Diego button-celery | FE/SE/1B.1 | Coastal scrub, valley and foothill grassland, vernal pools; mesic/annual/perennial herb/ Apr–June/65–2,030 | Not expected to occur. No suitable vegetation present. |
| *Euphorbia abramsiana* | Abrams' spurge | None/None/2B.2 | Mojavean desert scrub, Sonoran desert scrub; sandy/annual herb/(Aug)Sep–Nov/-15–4,295 | Not expected to occur. No suitable vegetation present. |
| *Euphorbia misera* | cliff spurge | None/None/2B.2 | Coastal bluff scrub, coastal scrub, Mojavean desert scrub; rocky/perennial shrub/ (Oct)Dec–Aug/35–1,640 | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Ferocactus viridescens* | San Diego barrel cactus | None/None/2B.1 | Chaparral, coastal scrub, valley and foothill grassland, vernal pools/perennial stem/ May–June/10–1,475 | Not expected to occur. No suitable vegetation present. |
| *Frankenia palmeri* | Palmer's frankenia | None/None/2B.1 | Coastal dunes, marshes and swamps (coastal salt), playas/perennial herb/May–July/0–35 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Fraxinus parryi* | chaparral ash | None/None/2B.2 | Chaparral/perennial shrub/Mar–May/ 700–2,030 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Fremontodendron mexicanum* | Mexican flannelbush | FE/SR/1B.1 | Chaparral, cismontane woodland, closed-cone coniferous forest; gabbroic, serpentinite/perennial evergreen shrub/ Mar–June/35–2,345 | Not expected to occur. No suitable vegetation present. |
| *Galium proliferum* | desert bedstraw | None/None/2B.2 | Joshua tree woodland, Mojavean desert scrub, pinyon and juniper woodland; carbonate, rocky/annual herb/ Mar–June/3,900–5,345 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Geothallus tuberosus* | Campbell's liverwort | None/None/1B.1 | Coastal scrub (mesic), vernal pools/ephemeral liverwort/35–1,965 | Not expected to occur. No suitable vegetation present. |
| *Githopsis diffusa* ssp. *filicaulis* | Mission Canyon bluecup | None/None/3.1 | Chaparral (disturbed areas, mesic)/annual herb/Apr–June/1,475–2,295 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Grindelia hallii* | San Diego gumplant | None/None/1B.2 | Chaparral, lower montane coniferous forest, meadows and seeps, valley and foothill grassland/perennial herb/ May–Oct/605–5,725 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Harpagonella palmeri* | Palmer's grapplinghook | None/None/4.2 | Chaparral, coastal scrub, valley and foothill grassland; clay, openings/annual herb/ Mar–May/65–3,130 | Not expected to occur. No suitable vegetation present. |
| *Hesperocyparis forbesii* | Tecate cypress | None/None/1B.1 | Chaparral, closed-cone coniferous forest; clay, gabbroic (sometimes)/perennial evergreen tree/260–4,920 | Not expected to occur. No suitable vegetation present. |
| *Heterotheca sessiliflora* ssp. *sessiliflora* | beach goldenaster | None/None/1B.1 | Chaparral (coastal), coastal dunes, coastal scrub/perennial herb/Mar–Dec/0–4,015 | Not expected to occur. No suitable vegetation present. |
| *Holocarpha virgata* ssp. *elongata* | graceful tarplant | None/None/4.2 | Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland/annual herb/May–Nov/195–3,605 | Not expected to occur. No suitable vegetation present. |
| *Horkelia truncata* | Ramona horkelia | None/None/1B.3 | Chaparral, cismontane woodland; clay, gabbroic/perennial herb/ May–June/1,310–4,265 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Isocoma menziesii* var. *decumbens* | decumbent goldenbush | None/None/1B.2 | Chaparral, coastal scrub (often disturbed areas, sandy)/perennial shrub/Apr–Nov/ 35–820 | Not expected to occur. No suitable vegetation present. |
| *Iva hayesiana* | San Diego marsh-elder | None/None/2B.2 | Marshes and swamps, playas/perennial herb/Apr–Oct/0–1,640 | Not expected to occur. No suitable vegetation present. |
| *Juglans californica* | Southern California black walnut | None/None/4.2 | Chaparral, cismontane woodland, coastal scrub, riparian woodland/perennial deciduous tree/Mar–Aug/165–2,950 | Not expected to occur. No suitable vegetation present. |
| *Juncus acutus* ssp. *leopoldii* | southwestern spiny rush | None/None/4.2 | Coastal dunes (mesic), coastal scrub, marshes and swamps (coastal salt), meadows and seeps (alkaline seeps)/perennial rhizomatous herb/(Mar)May–June/10–2,950 | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Lasthenia glabrata* ssp. *coulteri* | Coulter's goldfields | None/None/1B.1 | Marshes and swamps (coastal salt), playas, vernal pools/annual herb/Feb–June/5–4,000 | Not expected to occur. No suitable vegetation present. |
| *Lathyrus splendens* | pride-of-California | None/None/4.3 | Chaparral/perennial herb/Mar–June/ 655–5,000 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Lepechinia cardiophylla* | heart-leaved pitcher sage | None/None/1B.2 | Chaparral, cismontane woodland, closed-cone coniferous forest/perennial shrub/ Apr–July/1,705–4,490 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Lepechinia ganderi* | Gander's pitcher sage | None/None/1B.3 | Chaparral, closed-cone coniferous forest, coastal scrub, valley and foothill grassland; gabbroic (sometimes)/perennial shrub/ June–July/1,000–3,295 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Lepidium virginicum* var. *robinsonii* | Robinson's pepper-grass | None/None/4.3 | Chaparral, coastal scrub/annual herb/ Jan–July/5–2,900 | Not expected to occur. No suitable vegetation present. |
| *Leptosyne maritima* | sea dahlia | None/None/2B.2 | Coastal bluff scrub, coastal scrub/perennial herb/Mar–May/15–490 | Not expected to occur. No suitable vegetation present. |
| *Monardella breweri* ssp. *microcephala* | small-headed monardella | None/None/2B.2 | Chaparral, cismontane woodland, lower montane coniferous forest; disturbed areas (sometimes), granitic, openings/annual herb/May–Aug/755–3,935 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Monardella hypoleuca* ssp. *lanata* | felt-leaved monardella | None/None/1B.2 | Chaparral, cismontane woodland/perennial rhizomatous herb/June–Aug/985–5,165 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Monardella viminea* | willowy monardella | FE/SE/1B.1 | Chaparral, coastal scrub, riparian forest, riparian scrub, riparian woodland; alluvial terraces, washes/perennial herb/ June–Aug/165–740 | Not expected to occur. No suitable vegetation present. |
| *Myosurus minimus* ssp. *apus* | little mousetail | None/None/3.1 | Valley and foothill grassland, vernal pools (alkaline)/annual herb/Mar–June/65–2,095 | Not expected to occur. No suitable vegetation present. |
| *Nama stenocarpa* | mud nama | None/None/2B.2 | Marshes and swamps (lake margins, riverbanks)/annual/perennial herb/ Jan–July/15–1,640 | Not expected to occur. No suitable vegetation present. |
| *Navarretia fossalis* | spreading navarretia | FT/None/1B.1 | Chenopod scrub, marshes and swamps (shallow freshwater), playas, vernal pools/annual herb/Apr–June/100–2,145 | Not expected to occur. No suitable vegetation present. |
| *Navarretia prostrata* | prostrate vernal pool navarretia | None/None/1B.2 | Coastal scrub, meadows and seeps, valley and foothill grassland (alkaline), vernal pools; mesic/annual herb/Apr–July/10–3,965 | Not expected to occur. No suitable vegetation present. |
| *Nemacaulis denudata* var. *denudata* | coast woolly-heads | None/None/1B.2 | Coastal dunes/annual herb/Apr–Sep/0–330 | Not expected to occur. No suitable vegetation present. |
| *Nolina interrata* | Dehesa nolina | None/SE/1B.1 | Chaparral (gabbroic, metavolcanic, serpentinite)/perennial herb/ June–July/605–2,805 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Orcuttia californica* | California Orcutt grass | FE/SE/1B.1 | Vernal pools/annual herb/ Apr–Aug/50–2,165 | Not expected to occur. No suitable vegetation present. |
| *Packera ganderi* | Gander's ragwort | None/SR/1B.2 | Chaparral (burned areas, gabbroic outcrops)/ perennial herb/Apr–June/1,310–3,935 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Pentachaeta aurea* ssp. *aurea* | golden-rayed pentachaeta | None/None/4.2 | Chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, riparian woodland, valley and foothill grassland/annual herb/Mar–July/260–6,065 | Not expected to occur. No suitable vegetation present. |
| *Piperia cooperi* | chaparral rein orchid | None/None/4.2 | Chaparral, cismontane woodland, valley and foothill grassland/perennial herb/ Mar–June/50–5,200 | Not expected to occur. No suitable vegetation present. |
| *Pogogyne abramsii* | San Diego mesa mint | FE/SE/1B.1 | Vernal pools/annual herb/ Mar–July/295–655 | Not expected to occur. No suitable vegetation present. |
| *Pogogyne nudiuscula* | Otay Mesa mint | FE/SE/1B.1 | Vernal pools/annual herb/ May–July/295–820 | Not expected to occur. No suitable vegetation present. |
| *Pseudognaphalium leucocephalum* | white rabbit-tobacco | None/None/2B.2 | Chaparral, cismontane woodland, coastal scrub, riparian woodland; gravelly, sandy/perennial herb/(July) Aug–Nov (Dec)/ 0–6,885 | Not expected to occur. No suitable vegetation present. |
| *Quercus cedrosensis* | Cedros Island oak | None/None/2B.2 | Chaparral, closed-cone coniferous forest, coastal scrub/perennial evergreen tree/ Apr–May/835–3,145 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Quercus dumosa* | Nuttall's scrub oak | None/None/1B.1 | Chaparral, closed-cone coniferous forest, coastal scrub; clay, loam, sandy/perennial evergreen shrub/Feb–Apr (May–Aug)/ 50–1,310 | Not expected to occur. No suitable vegetation present. |
| *Quercus engelmannii* | Engelmann oak | None/None/4.2 | Chaparral, cismontane woodland, riparian woodland, valley and foothill grassland/perennial deciduous tree/ Mar–June/165–4,265 | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Ribes canthariforme* | Moreno currant | None/None/1B.3 | Chaparral, riparian scrub/perennial deciduous shrub/Feb–Apr/1,115–3,935 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Romneya coulteri* | Coulter's matilija poppy | None/None/4.2 | Chaparral, coastal scrub; burned areas (often)/perennial rhizomatous herb/ Mar–July(Aug)/65–3,935 | Not expected to occur. No suitable vegetation present. |
| *Salvia munzii* | Munz's sage | None/None/2B.2 | Chaparral, coastal scrub/perennial evergreen shrub/Feb–Apr/375–3,490 | Not expected to occur. No suitable vegetation present. |
| *Selaginella cinerascens* | ashy spike-moss | None/None/4.1 | Chaparral, coastal scrub/perennial rhizomatous herb/65–2,095 | Not expected to occur. No suitable vegetation present. |
| *Senecio aphanactis* | chaparral ragwort | None/None/2B.2 | Chaparral, cismontane woodland, coastal scrub; alkaline (sometimes)/annual herb/ Jan–Apr(May)/50–2,620 | Not expected to occur. No suitable vegetation present. |
| *Sphaerocarpos drewiae* | bottle liverwort | None/None/1B.1 | Chaparral, coastal scrub; openings/ ephemeral liverwort/295–1,965 | Not expected to occur. No suitable vegetation present. |
| *Stemodia durantifolia* | purple stemodia | None/None/2B.1 | Sonoran desert scrub (often mesic, sandy)/ perennial herb/(Jan) Apr–Dec/590–985 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Stipa diegoensis* | San Diego County needle grass | None/None/4.2 | Chaparral, coastal scrub; mesic (often), rocky/ perennial herb/Feb–June/35–2,620 | Not expected to occur. No suitable vegetation present. |
| *Streptanthus bernardinus* | Laguna Mountains jewelflower | None/None/4.3 | Chaparral, lower montane coniferous forest/ perennial herb/May–Aug/2,195–8,200 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State/CRPR) | Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet) | Potential to Occur |
|---|---|---|---|---|
| *Stylocline citroleum* | oil neststraw | None/None/1B.1 | Chenopod scrub, coastal scrub, valley and foothill grassland; clay/annual herb/ Mar–Apr/165–1,310 | Not expected to occur. No suitable vegetation present. |
| *Suaeda esteroa* | estuary seablite | None/None/1B.2 | Marshes and swamps (coastal salt)/perennial herb/(Jan–May)July–Oct/0–15 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Tetracoccus dioicus* | Parry's tetracoccus | None/None/1B.2 | Chaparral, coastal scrub/perennial deciduous shrub/Apr–May/540–3,280 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |
| *Texosporium sancti-jacobi* | woven-spored lichen | None/None/3 | Chaparral (openings)/crustose lichen (terricolous)/195–2,165 | Not expected to occur. No suitable vegetation present. |
| *Triquetrella californica* | coastal triquetrella | None/None/1B.2 | Coastal bluff scrub, coastal scrub/moss/ 35–330 | Not expected to occur. No suitable vegetation present. |
| *Viguiera laciniata* | San Diego County viguiera | None/None/4.3 | Chaparral, coastal scrub/perennial shrub/Feb–June(Aug)/195–2,460 | Not expected to occur. No suitable vegetation present. |
| *Xanthisma junceum* | rush-like bristleweed | None/None/4.3 | Chaparral, coastal scrub/perennial herb/ Jan–Oct/785–3,280 | Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. |

**Status** Legend
**Federal**
FE: Federally listed as endangered
FT: Federally listed as threatened
**State**
SE: State listed as endangered
SR: State listed as rare
**CRPR: California Rare Plant Rank**
1B: Plants rare, threatened, or endangered in California and elsewhere
2B: Plants rare, threatened, or endangered in California, but more common elsewhere

3: Plants about which more information is needed – A Review List
4: Plants of Limited Distribution – A Watch List

**Threat Rank**

0.1 – Seriously threatened in California (over 80% of occurrences threatened/high degree and immediacy of threat)
0.2 – Moderately threatened in California (20%–80% occurrences threatened/moderate degree and immediacy of threat)
0.3 – Not very threatened in California (less than 20% of occurrences threatened/low degree and immediacy of threat or no current threats known)

# Appendix D

Special-Status Wildlife Species Potential to Occur

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| **Amphibians** | | | | |
| *Anaxyrus californicus* | arroyo toad | FE/SSC | Semi-arid areas near washes, sandy riverbanks, riparian areas, palm oasis, Joshua tree, mixed chaparral and sagebrush; stream channels for breeding (typically third order); adjacent stream terraces and uplands for foraging and wintering | Not expected to occur. No suitable vegetation present. |
| *Spea hammondii* | western spadefoot | None/SSC | Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley–foothill woodlands, pastures, and other agriculture | Not expected to occur. No suitable vegetation present. |
| **Reptiles** | | | | |
| *Anniella stebbinsi* | southern California legless lizard | None/SSC | Coastal dunes, stabilized dunes, beaches, dry washes, valley–foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils | Not expected to occur. No suitable vegetation present. |
| *Arizona elegans occidentalis* | California glossy snake | None/SSC | Arid scrub, rocky washes, grasslands, chaparral, open areas with loose soil | Not expected to occur. No suitable vegetation present. |
| *Aspidoscelis hyperythra* | orange-throated whiptail | None/WL | Low-elevation coastal scrub, chaparral, and valley–foothill hardwood | Not expected to occur. No suitable vegetation present. |
| *Aspidoscelis tigris stejnegeri* | San Diegan tiger whiptail | None/SSC | Hot and dry areas with sparse foliage, including chaparral, woodland, and riparian areas. | Not expected to occur. No suitable vegetation present. |
| *Chelonia mydas* | green sea turtle | FT/None | Shallow waters of lagoons, bays, estuaries, mangroves, eelgrass, and seaweed beds | Not expected to occur. No suitable vegetation present. |
| *Coleonyx variegatus abbotti* | San Diego banded gecko | None/SSC | Rocky areas within coastal scrub and chaparral | Not expected to occur. No suitable vegetation present. |
| *Crotalus ruber* | red diamondback rattlesnake | None/SSC | Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats | Not expected to occur. No suitable vegetation present. |
| *Diadophis punctatus similis* | San Diego ringneck snake | None/None | Moist habitats, including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland habitats | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| *Emys marmorata* | western pond turtle | None/SSC | Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter | Not expected to occur. No suitable vegetation present. |
| *Masticophis fuliginosus* | Baja California coachwhip | None/SSC | In California restricted to southern San Diego County, where it is known from grassland and coastal sage scrub; open areas in grassland and coastal sage scrub | Not expected to occur. No suitable vegetation present. |
| *Phrynosoma blainvillii* | Blainville's horned lizard | None/SSC | Open areas of sandy soil in valleys, foothills, and semi-arid mountains, including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats | Not expected to occur. No suitable vegetation present. |
| *Plestiodon skiltonianus interparietalis* | Coronado skink | None/WL | Woodlands, grasslands, pine forests, and chaparral; rocky areas near water | Not expected to occur. No suitable vegetation present. |
| *Salvadora hexalepis virgultea* | coast patch-nosed snake | None/SSC | Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites | Not expected to occur. No suitable vegetation present. |
| *Thamnophis hammondii* | two-striped gartersnake | None/SSC | Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools | Not expected to occur. No suitable vegetation present. |
| **Birds** | | | | |
| *Accipiter cooperii* (nesting) | Cooper's hawk | None/WL | Nests and forages in dense stands of live oak, riparian woodlands, or other woodland habitats often near water | Not expected to occur. No suitable vegetation present. |
| *Agelaius tricolor* (nesting colony) | tricolored blackbird | BCC/SSC, ST | Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture | Not expected to occur. No suitable vegetation present. |
| *Aimophila ruficeps canescens* | Southern California rufous-crowned sparrow | None/WL | Nests and forages in open coastal scrub and chaparral with low cover of scattered scrub interspersed with rocky and grassy patches | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| *Ammodramus savannarum* (nesting) | grasshopper sparrow | None/SSC | Nests and forages in moderately open grassland with tall forbs or scattered shrubs used for perches | Not expected to occur. No suitable vegetation present. |
| *Aquila chrysaetos* (nesting and wintering) | golden eagle | None/FP, WL | Nests and winters in hilly, open/semi-open areas, including shrublands, grasslands, pastures, riparian areas, mountainous canyon land, open desert rimrock terrain; nests in large trees and on cliffs in open areas and forages in open habitats | Not expected to occur. No suitable vegetation present. |
| *Artemisiospiza belli belli* | Bell's sage sparrow | None/WL | Nests and forages in coastal scrub and dry chaparral; typically in large, unfragmented patches dominated by chamise; nests in more dense patches but uses more open habitat in winter | Not expected to occur. No suitable vegetation present. |
| *Athene cunicularia* (burrow sites and some wintering sites) | burrowing owl | BCC/SSC | Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows | Not expected to occur. No suitable vegetation present. |
| *Buteo swainsoni* (nesting) | Swainson's hawk | None/ST | Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture | Not expected to occur. No suitable vegetation present. |
| *Campylorhynchus brunneicapillus sandiegensis* (San Diego and Orange Counties only) | coastal cactus wren | None/SSC | Southern cactus scrub patches | Not expected to occur. No suitable vegetation present. |
| *Charadrius nivosus nivosus* (nesting) | western snowy plover | FT, BCC/SSC | On coasts nests on sandy marine and estuarine shores; in the interior nests on sandy, barren or sparsely vegetated flats near saline or alkaline lakes, reservoirs, and ponds | Not expected to occur. No suitable vegetation present. |
| *Coccyzus americanus occidentalis* (nesting) | western yellow-billed cuckoo | FT/SE | Nests in dense, wide riparian woodlands and forest with well-developed understories | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| *Coturnicops noveboracensis* | yellow rail | BCC/SSC | Nesting requires wet marsh/sedge meadows or coastal marshes with wet soil and shallow, standing water | Not expected to occur. No suitable vegetation present. |
| *Elanus leucurus* (nesting) | white-tailed kite | None/FP | Nests in woodland, riparian, and individual trees near open lands; forages opportunistically in grassland, meadows, scrubs, agriculture, emergent wetland, savanna, and disturbed lands | Not expected to occur. No suitable vegetation present. |
| *Empidonax traillii extimus* (nesting) | southwestern willow flycatcher | FE/SE | Nests in dense riparian habitats along streams, reservoirs, or wetlands; uses variety of riparian and shrubland habitats during migration | Not expected to occur. No suitable vegetation present. |
| *Eremophila alpestris actia* | California horned lark | None/WL | This subspecies of horned lark occurs on the state's southern and central coastal slope and in the San Joaquin Valley; nests and forages in grasslands, disturbed lands, agriculture, and beaches | Not expected to occur. No suitable vegetation present. |
| *Falco mexicanus* (nesting) | prairie falcon | None/WL | Forages in grassland, savanna, rangeland, agriculture, desert scrub, alpine meadows; nests on cliffs or bluffs | Not expected to occur. No suitable vegetation present. |
| *Icteria virens* (nesting) | yellow-breasted chat | None/SSC | Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush | Not expected to occur. No suitable vegetation present. |
| *Ixobrychus exilis* (nesting) | least bittern | None/SSC | Nests in freshwater and brackish marshes with dense, tall growth of aquatic and semi-aquatic vegetation | Not expected to occur. No suitable vegetation present. |
| *Laterallus jamaicensis coturniculus* | California black rail | None/FP, ST | Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations | Not expected to occur. No suitable vegetation present. |
| *Pandion haliaetus* (nesting) | osprey | None/WL | Large waters (lakes, reservoirs, rivers) supporting fish; usually near forest habitats, but widely observed along the coast | Not expected to occur. No suitable vegetation present. |
| *Passerculus sandwichensis beldingi* | Belding's savannah sparrow | BCC/SE | Nests and forages in coastal saltmarsh dominated by pickleweed (*Salicornia* spp.) | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| *Polioptila californica californica* | coastal California gnatcatcher | FT/SSC | Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level | Not expected to occur. No suitable vegetation present. |
| *Rallus obsoletus levipes* | Ridgway's rail | FE/FP, SE | Coastal wetlands, brackish areas, coastal saline emergent wetlands | Not expected to occur. No suitable vegetation present. |
| *Setophaga petechia* (nesting) | yellow warbler | None/SSC | Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats | Not expected to occur. No suitable vegetation present. |
| *Sternula antillarum browni* (nesting colony) | California least tern | FE/FP, SE | Forages in shallow estuaries and lagoons; nests on sandy beaches or exposed tidal flats | Not expected to occur. No suitable vegetation present. |
| *Vireo bellii pusillus* (nesting) | least Bell's vireo | FE/SE | Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season | Not expected to occur. No suitable vegetation present. |
| *Nannopterum auritum* (nesting colony) | double-crested cormorant | None/WL | Nests in riparian trees near ponds, lakes, artificial impoundments, slow-moving rivers, lagoons, estuaries, and open coastlines; winter habitat includes lakes, rivers, and coastal areas | Not expected to occur. No suitable vegetation present. |
| **Mammals** | | | | |
| *Aeorestes cinereus* | northern hoary bat | None/None | Forest, woodland riparian, and wetland habitats; also juniper scrub, riparian forest, and desert scrub in arid areas; roosts in tree foliage and sometimes cavities, such as woodpecker holes | Not expected to occur. No suitable vegetation present. |
| *Antrozous pallidus* | pallid bat | None/SSC | Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in trees and human-built structures | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| *Chaetodipus californicus femoralis* | Dulzura pocket mouse | None/SSC | Open habitat, coastal scrub, chaparral, oak woodland, chamise chaparral, mixed-conifer habitats; disturbance specialist; 0 to 3,000 feet above mean sea level | Not expected to occur. No suitable vegetation present. |
| *Chaetodipus fallax fallax* | northwestern San Diego pocket mouse | None/SSC | Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon–juniper, and annual grassland | Not expected to occur. No suitable vegetation present. |
| *Choeronycteris mexicana* | Mexican long-tongued bat | None/SSC | Desert and montane riparian, desert succulent scrub, desert scrub, and pinyon–juniper woodland; roosts in caves, mines, and buildings | Not expected to occur. No suitable vegetation present. |
| *Corynorhinus townsendii* | Townsend's big-eared bat | None/SSC | Mesic habitats characterized by coniferous and deciduous forests and riparian habitat, but also xeric areas; roosts in limestone caves and lava tubes, human-built structures, and tunnels | Not expected to occur. No suitable vegetation present. |
| *Dasypterus xanthinus* | western yellow bat | None/SSC | Valley–foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms | Not expected to occur. No suitable vegetation present. |
| *Eumops perotis californicus* | western mastiff bat | None/SSC | Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels | Not expected to occur. No suitable vegetation present. |
| *Lepus californicus bennettii* | San Diego black-tailed jackrabbit | None/None | Arid habitats with open ground; grasslands, coastal scrub, agriculture, disturbed areas, and rangelands | Not expected to occur. No suitable vegetation present. |
| *Myotis ciliolabrum* | western small-footed myotis | None/None | Arid woodlands and shrublands, but near water; roosts in caves, crevices, mines, abandoned buildings | Not expected to occur. No suitable vegetation present. |
| *Myotis evotis* | long-eared myotis | None/None | Brush, woodland, and forest habitats from sea level to 9,000 feet above mean sea level; prefers coniferous habitats; forages along habitat edges, in open habitats, and over water; roosts in buildings, crevices, under bark, and snags; uses caves as night roosts | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| *Myotis yumanensis* | Yuma myotis | None/None | Riparian, arid scrublands and deserts, and forests associated with water (streams, rivers, tinajas); roosts in bridges, buildings, cliff crevices, caves, mines, and trees | Not expected to occur. No suitable vegetation present. |
| *Neotoma lepida intermedia* | San Diego desert woodrat | None/SSC | Coastal scrub, desert scrub, chaparral, cacti, rocky areas | Not expected to occur. No suitable vegetation present. |
| *Nyctinomops femorosaccus* | pocketed free-tailed bat | None/SSC | Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings | Not expected to occur. No suitable vegetation present. |
| *Nyctinomops macrotis* | big free-tailed bat | None/SSC | Rocky areas; roosts in caves, holes in trees, buildings, and crevices on cliffs and rocky outcrops; forages over water | Not expected to occur. No suitable vegetation present. |
| *Taxidea taxus* | American badger | None/SSC | Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils | Not expected to occur. No suitable vegetation present. |
| *Lasiurus frantzii* | western red bat | None/SSC | Forest, woodland, riparian, mesquite bosque, and orchards, including fig, apricot, peach, pear, almond, walnut, and orange; roosts in tree canopy | Not expected to occur. No suitable vegetation present. |
| **Invertebrates** | | | | |
| *Bombus crotchii* | Crotch bumble bee | None/SCE | Open grassland and scrub communities supporting suitable floral resources | Not expected to occur. No suitable vegetation present. |
| *Branchinecta sandiegonensis* | San Diego fairy shrimp | FE/None | Vernal pools, non-vegetated ephemeral pools | Not expected to occur. No suitable vegetation present. |
| *Callophrys thornei* | Thorne's hairstreak | None/None | Interior cypress woodland dominated by host plant *Hesperocyparis forbesii* (Tecate cypress) | Not expected to occur. No suitable vegetation present. |
| *Carolella busckana* | Busck's gallmoth | None/None | Coastal scrub dunes | Not expected to occur. No suitable vegetation present. |
| *Cicindela gabbii* | western tidal-flat tiger beetle | None/None | Inhabits estuaries and mudflats along the coast of Southern California | Not expected to occur. No suitable vegetation present. |

| Scientific Name | Common Name | Status (Federal/State) | Habitat | Potential to Occur |
|---|---|---|---|---|
| *Deltaspis ivae* | marsh-elder long-horned beetle | None/None | Found in a few scattered locations in San Diego and Riverside Counties; larva breeds in San Diego marsh-elder (*Iva hayesiana*) root collars | Not expected to occur. No suitable vegetation present. |
| *Euphydryas editha quino* | Quino checkerspot butterfly | FE/None | Annual forblands, grassland, open coastal scrub and chaparral; often soils with cryptogamic crusts and fine-textured clay; host plants include *Plantago erecta*, P. *patagonica*, and *Antirrhinum coulterianum*, among others | Not expected to occur. No suitable vegetation present. |
| *Lycaena hermes* | Hermes copper | FT/None | Mixed woodlands, chaparral, and coastal scrub | Not expected to occur. No suitable vegetation present. |
| *Streptocephalus woottoni* | Riverside fairy shrimp | FE/None | Vernal pools, non-vegetated ephemeral pools | Not expected to occur. No suitable vegetation present. |
| *Cicindela latesignata* | western beach tiger beetle | None/None | Mudflats and beaches in coastal Southern California | Not expected to occur. No suitable vegetation present. |
| *Danaus plexippus plexippus* pop. 1 | monarch – California overwintering population | FC/None | Wind-protected tree groves with nectar sources and nearby water sources | Not expected to occur. No suitable vegetation present. |

**Status Legend**
**Federal**
BCC: U.S. Fish and Wildlife Service—Bird of Conservation Concern
FC: Candidate for federal listing as threatened or endangered
FE: Federally listed as endangered
FT: Federally listed as threatened
**State**
FP: California Department of Fish and Wildlife Fully Protected species
SCE: State candidate for listing as endangered
SE: State listed as endangered
SSC: California Species of Special Concern
ST: State listed as threatened
WL: CDFW Watch List species

# Appendix D
Arborist Report

# Arborist Report for the Palisade Santee Commerce Center Project

# 10990 North Woodside Avenue, City of Santee, California

**MAY 2024**

*Prepared for:*

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# Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|---|---|
| City | City of Santee |
| ISA | International Society of Arboriculture |
| Project | Palisade Santee Commerce Center |

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# 1 Introduction

This report summarizes Dudek's evaluation and analysis of tree resources within the tree survey area at the proposed Palisade Santee Commerce Center Project (project) site, located at 10990 N. Woodside Ave. in Santee, CA 92701 (APN 381-070-52-00). The project site is in the City of Santee, California (see Figure 1, Project Location) The site is on the existing Santee Drive In Theatre property and is surrounded by industrial uses on the east, west, and south and the San Diego River to the north. Access is provided via a single access road that extends to N. Woodside Ave. The project site is located within Township 15S, Range 12 West, of the San Bernardino U.S. Geological Survey 7.5-minute quadrangle map (Figure 1); the approximate centroid of the site is longitude 116°57'34.13"W and latitude 32°50'53.57"N.

The field inventory and assessments of the survey area's trees (development footprint) were conducted on March 9, 2023. The focus of Dudek's field evaluations was to identify and inventory all on-site trees that are subject to regulation by the City of Santee's Municipal Code that could be affected by the proposed development per the site plan. This report includes a discussion of tree inventory, evaluation and analysis methods, a summary of findings, identification of anticipated impacts, and tree protection and tree impact mitigation recommendations consistent with the City of Santee's Municipal Code and the tree removal permit process specified therein.

The City of Santee (City) requires a permit to trim, prune, cut, break, deface, destroy, burn or remove any tree, hedge or shrub from any City-owned public property or from a public highway.

The analysis of potential tree impacts in this report considers the requirements outlined in the appropriate sections of the City of Santee Municipal Code (Chapter 8.06 – Urban Forestry). In total, 140 trees were inventoried on and immediately adjacent to the proposed project site, all of which are located on private property. The proposed project would result in the removal of 109 private trees, encroachment of 24 trees, and preservation of seven trees with no impacts.

## 1.1 Summary

The field survey recorded 140 trees within the survey area, none of which are subject to regulation under the City of Santee Municipal Code. Trees identified within the survey area consisted of two native trees (one *Coast Live Oak (Quercus agrifolia) and one western sycamore (Platanus racemosa*)) and 138 non-native trees. The inventoried tree locations are depicted in Appendix A. The proposed project tree impacts are depicted in Appendix B.

Based on an evaluation of the most current project site plan, the project disturbance area is focused on the existing drive-in movie theater and its associated infrastructure. Construction of the proposed project is expected to require removal of 109 private trees. Furthermore, the protected zone of up to 24 trees would be encroached upon as a result of proposed grading and construction. The remaining seven trees would be preserved in place.

The City's municipal ordinance does not define a tree replacement ratio requirement. As such, the tree replacement recommendations contained herein propose a minimum 1:1 mitigation ratio with 15-gallon trees and recommendations for long-term maintenance and care for regulated trees that will be retained on site.

Based on the recommended 1:1 replacement ratio, Dudek recommends planting a minimum of 109 trees on site to mitigate for the anticipated removal of 109 trees. Species composition of the planted trees should be consistent of species appropriate for the region and planting location.

## 1.2 Assignment

Dudek's International Society of Arboriculture (ISA) Certified Arborists performed the following tasks:

- Assessed and inventoried all trees with protected zones within the survey area (based on project site plan) and documented species, general health, general structural condition, size, appearance, and presence of pests.
- Mapped the location of regulated oak and landmark trees on surveyed site base data and used GPS technology, as necessary, to develop a tree location exhibit and for planning reference.
- Prepared a tree information matrix that details the attributes of each regulated tree and identifies the species and landmark status.
- Analyzed tree attribute data and coordinated with the project design team to promote tree retention on site, to the maximum extent practicable.
- Evaluated tree impacts based on the project site plans.
- Prepared this report to document the results of field surveys and impact analyses and provide recommendations for tree protection and impact mitigation measures per the provisions of the City of Santee Municipal Code tree preservation requirements.

## 1.3 Project Description

North Palisade Partners (Applicant) proposes demolition of the existing Santee drive-in theatre for construction of a warehouse building equaling 291,290 SF, including a total of 10,000 SF of office use (5,000 SF of office mezzanines), associated truck loading docks (up to 42 Dock-Hi doors), employee parking, landscaping, access road widening and improvements, and frontage improvements on N Woodside Avenue. The proposed project includes tree, shrub, and groundcover landscaping throughout the post development landscape, which will include the planting of 213 trees based upon the March 2024 landscape plan. The proposed project would conform with the site's existing designation and zoning (General Plan designation for the site is Light Industrial-IL and zoning is Light Industrial District-IL).

## 1.4 Location/Setting

The project site is located at 10990 N. Woodside Ave., Santee, CA 92701 (APN 381-070-52-00) (Figure 1, project location). The site is on Santee Drive In Theatre property and is surrounded by industrial uses on the east, west, and south and the San Diego River to the north (Figure 1). Access is provided via a single access road that extends to N. Woodside Ave.

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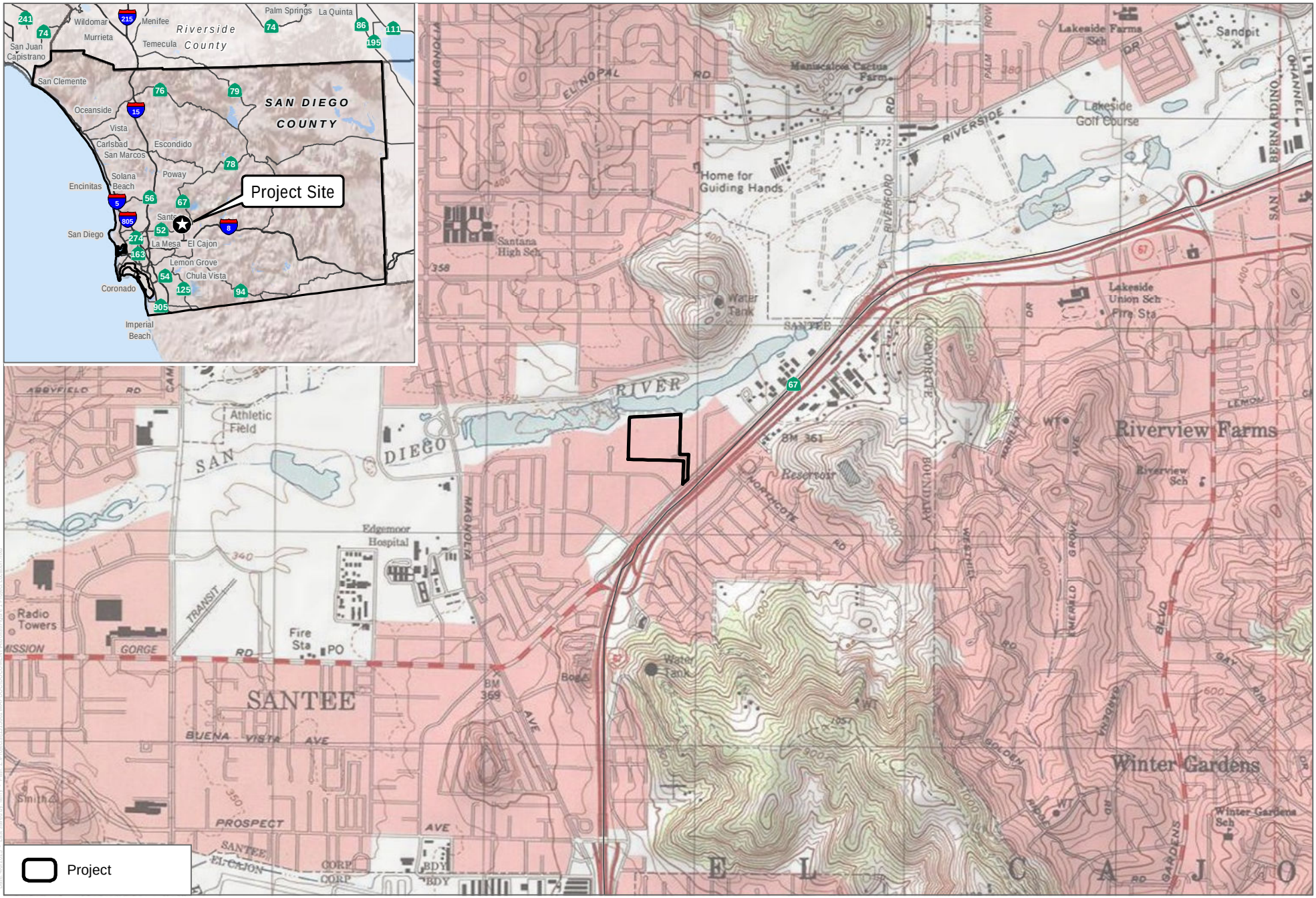


FIGURE 1

Project Location

Arborist Report for the Palisade Santee Commerce Center Project

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# 2 Methods

The following sections describe the methods used by Dudek's ISA Certified Arborists to inventory and evaluate trees in the tree survey area.

## 2.1 Field Tree Inventory and Evaluation

Dudek's ISA Certified Arborists Katrina Burritt (#WE-10771A) and Chris Kallstrand (#WE-82087A) conducted the following tree inventory and evaluation:

- March 9, 2023 – Tree inventory and evaluation to document tree locations and attribute information for all trees within the survey area.

The arborists examined trees that would be disturbed by the proposed development and mapped protection zones. Tree attribute data collected during the field survey included species, trunk diameter and circumference, tree height, canopy spread, general health condition, structural condition, and presences of observable pests or other tree maladies. Trunk diameters were measured using a diameter tape, which provides adjusted numbers for diameter measurements when wrapping the tape around the circumference of a tree trunk. Diameter measurements were collected using standard protocol described by the Council of Tree and Landscape Appraisers in its Guide for Plant Appraisal (ISA 2000), published by the ISA, and per guidance given in the City's Municipal Code.

Trunk diameter and circumference measurements were taken at 4.5 feet above the ground along the trunk axis, with a few common exceptions. In cases where the trunk of a tree split into multiple stems at approximately 4.5 feet above the ground, the measurement was made at the location that best represented the trunk's diameter. Tree height measurements were estimated by the arborist, and tree canopy radius measurements were documented by "pacing-off" the measurement based on the arborist's knowledge of their stride length or visually estimating the canopy width.

Pursuant to the Guide for Plant Appraisal (ISA 2000), tree health and structure were evaluated with respect to five distinct tree components: roots, trunk, scaffold branches, small branches, and foliage. Health and structure were graded as *good*, *good/fair*, *fair*, *fair/poor*, or *poor*. Good condition trees exhibit acceptable vigor, healthy foliage, minor if any structural issues, and no apparent maladies. Fair condition trees are typical, with few maladies, moderate structural issues, and may exhibit less vigor in foliage and new growth. Trees assigned a poor condition rating exhibit significant health or structural problems or damage.

The location of each individual tree was mapped using a Trimble Pathfinder Pro XH GPS receiver. The Pathfinder has a horizontal accuracy of 1-meter (1-sigma) using differential code positioning techniques. Because tree canopies can sometimes cause loss of satellite lock by blocking the line-of-sight to satellites, an electronic compass and reflectorless electronic distance measuring (EDM) device was also used in mapping tree locations. The EDM/compass combination operates in concert with the Pathfinder system to position offsets, and offset information is automatically attached to the GPS position data string. Dudek used the data collected to create a master tree inventory data set, inclusive of all trees within the tree survey area.

Individual tree locations are presented in Appendix A, Tree Location Exhibit, and individual tree attribute data and impact determination is presented in Appendices B, Tree Impact Exhibit, and Appendix C, Tree Information Matrix.

## 2.2 Tree Impact Analysis

Following data collection, processing, and analysis efforts, an impact determination was made for each tree based on proximity to the proposed disturbance area. Impact determinations used in this report are as follows:

- Not Impacted (tree not affected by project)
- Removal (tree to be removed)
- Encroachment (project disturbance would occur within the protected zone of the tree)

A summary of project-related tree impacts is presented in Section 3.2, Project-Related Impacts, and impact determination status for each tree recorded in the tree survey area is provided in Appendix C.

## 2.3 Scope of Work Limitations

This report presents tree information as observed in the field. No root crown excavations or investigations, internal probing, or aerial canopy inspections were performed during the tree assessment. Therefore, the presence or absence of internal decay or other hidden or inaccessible inferiorities in individual trees could not be confirmed.

# 3 Findings/Results

## 3.1 Inventory Summary

Dudek's arborist recorded 140 trees with protected zones on the proposed project site. Of the 140 trees found on the proposed project all 140 are located on private property. Table 1 provides a summary of the species and regulatory status of the trees mapped within the tree survey area.

**Table 1. Summary of Existing Trees**

| Scientific Name | Common Name | Tree Quantities |
|---|---|---|
| *Cupressus sempervirens* | Italian cypress | 24 |
| *Eucalyptus cladocalyx* | Sugar gum eucalyptus | 15 |
| *Eucalyptus polyanthemos* | Silver-dollar gum | 17 |
| *Grevillea robusta* | Silk oak | 4 |
| *Lophostemon confertus* | Brisbane box | 8 |
| *Olea europaea* | Olive | 1 |
| *Platanus racemosa* | Western sycamore | 1 |
| *Quercus agrifolia* | Coast live oak | 1 |
| *Rhus lancea* | African sumac | 24 |
| *Sambucus nigra* | Mexican elderberry | 3 |
| *Schinus molle* | Peruvian pepper | 28 |
| *Schinus terebinthifolius* | Brazillian pepper | 2 |
| *Syzygium paniculatum* | Bush cherry | 1 |
| *Washingtonia robusta* | Mexican fan palm | 11 |
| | **Total** | **140** |

As presented in Appendix C, 80 (57.14%) of the trees exhibit good (Rating B) health, 59 (42.14%) of the trees exhibit fair (Rating C) health, and 1 (0.71%) of the trees exhibited poor (Rating D) health. Thirty-one trees (22.14%) trees have good (Rating B) structure, 107 (76.43%) trees exhibit fair (Rating C) structure, and 2 (1.43%) trees have poor (Rating D) structure.

Trees in the tree survey area vary in size and stature according to species. Tree diameters range from 1 inch to 40 inches. Tree heights vary from 15 feet to 50 feet. Tree canopy extents range from 5 feet to 45 feet at their widest location. Individual attributes of each tree are presented in Appendix C, Tree Information Matrix.

## 3.2 Project-Related Impacts

There is wide variation in tolerance to construction impacts among tree species, and the response of an individual tree to impacts also varies with age and condition. Impacts assessed for this project include trees with protected zones within the proposed improvement and disturbance areas as defined in the project site plan. The impact

discussion in this section identifies all impacts anticipated to result to regulated trees based on an evaluation of tree locations compared with the project site plan. Much of the survey area will be graded to accommodate construction of the project and necessary infrastructure (e.g., utilities, access roads, fire lanes). Trees identified for retention and removal are graphically presented in the Tree Impact Exhibit (Appendix B).

Based on grading and development plans for the proposed project, it is estimated that 109 private trees will be removed. Project disturbance is expected to encroach on the protected zone of 24 private trees. The project would result in no direct impacts to seven trees that would remain in place with no impacts.

Table 2 summarizes impact determinations for trees within the tree survey area.

### Table 2. Summary of Protected Tree Impact Determinations

| Species | Impact Determination | | | Total |
|---|---|---|---|---|
| | Removal | Encroachment | No Impact | |
| African sumac | 24 | - | - | 24 |
| Brazillian pepper | 2 | - | - | 2 |
| Brisbane box | - | 7 | 1 | 8 |
| Brush cherry | *1* | - | - | *1* |
| Coast live oak | - | - | 1 | 1 |
| Italian cypress | 24 | - | - | 24 |
| Mexican elderberry | 3 | - | - | 3 |
| Mexican fan palm | 4 | 6 | 1 | 11 |
| Olive | 1 | - | - | 1 |
| Peruvian pepper | 28 | - | - | 28 |
| Silk oak | 4 | - | - | 4 |
| Silver dollar gum | 17 | - | - | 17 |
| Sugar gum | - | 11 | 4 | 15 |
| Western sycamore | 1 | - | - | 1 |
| **Total Trees** | **109** | **24** | **7** | **140** |

# 4 Mitigation and Management Recommendations

## 4.1 Mitigation Recommendations

### Removals

The City's municipal ordinance does not define a tree replacement ratio requirement. As such, the tree replacement recommendations contained herein propose a minimum 1:1 mitigation ratio with 15-gallon trees and recommendations for long-term maintenance and care for regulated trees that will be retained on site.

The proposed site plan would require removal of 109 trees, encroachment upon 24 trees, and preservation of seven trees. Based on the recommended 1:1 mitigation ratio, Dudek recommends planting a minimum of 109 15-gallon mitigation trees. Based upon a review of the proposed landscape plan (March 2024) , a total of 213 trees would be planted in post construction landscape. The total number of proposed tree plantings exceed the recommend replacement ratio of 1:1, resulting in a mitigation ratio of nearly 2:1. A copy of the site's proposed landscape plan can be found in Appendix D, Proposed Landscape Plan.

### Encroachment into Protected Zone and Retained Trees

As previously stated, the project will encroach up and preserve seven trees. As such, in an effort to minimize damage to the encroachment and preserved trees, *Appendix E provides tree protection recommendations* provides reccomendations to mitigate impacts from construction encroachment into the protected zone of the preserved and encroached up trees. The measures included in Appendix E are consistent with Best Management Practices for tree protection on construction sites and would help minimize impacts to preserved and encroached trees. Appendix E includes measures to implement prior to, during, and following construction. This includes measures such as exclusion fencing and worker training to avoid direct impacts to trees, and measures such as irrigation and monthly inspections by an arborist to promote the long-term health of retained trees. Arborist monitoring during construction when encroachments into tree protection zones would occur is also recommend minimizing root disturbance and determine the best course of actions for root pruning, supplemental irrigation, branch trimming, or other measures that would minimize impacts from ground-disturbing and other potential impactful activities. Please refer to Appendix E for detailed recommendations for trees retained on or adjacent to the project site.

# 5 Disclosure

This arborist report provides conclusions and recommendations based only on a visual examination of the trees within the tree survey area by ISA Certified Arborists and reasonable reliance on the completeness and accuracy of the information provided to the arborists. The examination did not include subterranean or internal examination of the trees.

Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near them. Although trees provide many benefits to those who live near them, they also include inherent risks from breakage or failure that can be minimized but not eliminated.

Arborists cannot detect every condition that could possibly lead to the failure of a tree. Trees are living organisms subject to attack by disease, insects, fungi, weather, and other forces of nature, and conditions that lead to failure are often hidden within trees and belowground. There are some inherent risks with trees that cannot be predicted with any degree of certainty, even by a skilled and experienced arborist. Arborists cannot predict acts of nature, including, without limitation, storms of sufficient strength, which can cause an apparently healthy tree to fail. Additionally, arborists cannot guarantee that a tree will be healthy or safe under all circumstances or for any specific period of time. A tree's condition could change over a short or long period of time due to climatic, cultural, or environmental conditions. Further, there is no guarantee or certainty that recommendations or efforts to correct unsafe conditions will prevent future breakage or failure of a tree.

To live or work near trees is to accept some degree of risk. Neither the author of this arborist report nor Dudek assume any responsibility for or will be liable for any claims, losses, or damages for damage to any tree, death or injury to any person, or any loss of or damage to any personal or real property.

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# 6 References

ISA (International Society of Arboriculture). 2000. *Guide for Plant Appraisal* (9th Edition).

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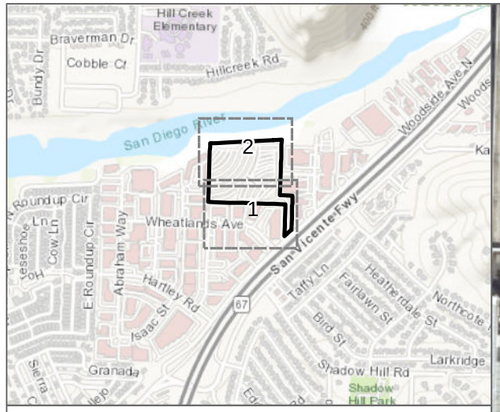
# Appendix A

Tree Location Exhibit




Project Boundary

Species

- *Cupressus sempervirens*, Italian cypress
- *Eucalyptus cladocalyx*, Sugar Gum
- *Eucalyptus polyanthemos*, Silver-dollar gum
- *Grevillea robusta*, Silk oak
- *Lophostemon confertus*, Brisbane box
- *Olea europaea*, Olive
- *Platanus racemosa*, Western Sycamore
- *Quercus agrifolia*, Coast Live Oak
- *Rhus lancea*, African sumac
- *Sambucus nigra*, Mexican elderberry
- *Schinus molle*, Peruvian pepper
- *Schinus terebinthifolius*, Brazilian Pepper
- *Syzygium paniculatum*, Brush Cherry
- *Washingtonia robusta*, Mexican Fan Palm

WHEATLANDS AV

WHEATLANDS RD

N WOODSIDE AV

SR-67 SB

SOURCE: SOURCE: AERIAL-SANGIS IMAGERY 2020

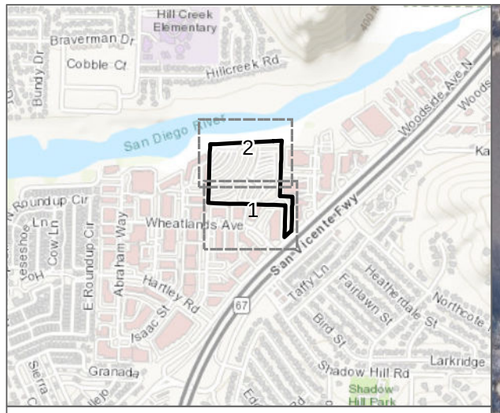
DUDEK

0 40 80 Feet

APPENDIX A1

Tree Locations

Arborist Report for the Palisade Santee Commerce Center Project




Project Boundary

Species

- *Cupressus sempervirens*, Italian cypress
- *Eucalyptus cladocalyx*, Sugar Gum
- *Eucalyptus polyanthemos*, Silver-dollar gum
- *Grevillea robusta*, Silk oak
- *Lophostemon confertus*, Brisbane box
- *Olea europaea*, Olive
- *Platanus racemosa*, Western Sycamore
- *Quercus agrifolia*, Coast Live Oak
- *Rhus lancea*, African sumac
- *Sambucus nigra*, Mexican elderberry
- *Schinus molle*, Peruvian pepper
- *Schinus terebinthifolius*, Brazilian Pepper
- *Syzygium paniculatum*, Brush Cherry
- *Washingtonia robusta*, Mexican Fan Palm

MISSION PARK CT

SOURCE: SOURCE: AERIAL-SANGIS IMAGERY 2020

DUDEK

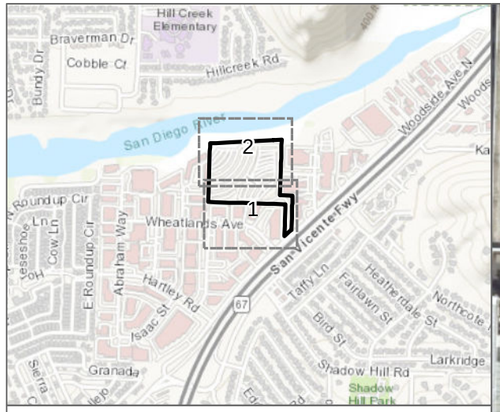
0 40 80 Feet

APPENDIX A2

Tree Locations

Arborist Report for the Palisade Santee Commerce Center Project

# Appendix B
Tree Impact Exhibit




Project Boundary

Disposition

- Removed
- Encroached
- Preserve



SOURCE: SOURCE: AERIAL-SANGIS IMAGERY 2020; SITE PLAN-HERDMAN ARCHITECTURE+DESIGN 2023

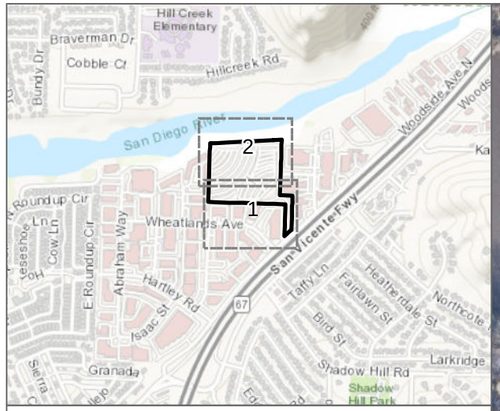
DUDEK

0 40 80 Feet

APPENDIX A1

Tree Locations

Arborist Report for the Palisade Santee Commerce Center Project




Project Boundary

Disposition

- Removed
- Encroached
- Preserve




SOURCE: SOURCE: AERIAL-SANGIS IMAGERY 2020; SITE PLAN-HERDMAN ARCHITECTURE+DESIGN 2023

DUDEK

0 40 80 Feet

APPENDIX A2

Tree Locations

Arborist Report for the Palisade Santee Commerce Center Project

# Appendix C

Tree Information Matrix

| Tree No. | Botanical Name | Common Name | No. of Stems | Individual Stem | | | | | | Height (ft.) | Crown Width | Health | Structure | Notes | Dispostion | X | Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | D1 | D2 | D3 | D4 | D5 | D6 | | | | | | | | |
| 1 | *Cupressus sempervirens* | Italian cypress | 1 | 27 | 0 | | | | | 55 | 10 | Good | Good | | Removal | 6344287.1900 | 1888557.8579 |
| 2 | *Cupressus sempervirens* | Italian cypress | 1 | 27 | 0 | | | | | 55 | 10 | Good | Good | | Removal | 6344287.5259 | 1888585.9654 |
| 3 | *Cupressus sempervirens* | Italian cypress | 1 | 25 | 0 | | | | | 55 | 10 | Good | Good | | Removal | 6344287.3869 | 1888608.8124 |
| 4 | *Olea europaea* | Olive | 2 | 9 | 12 | | | | | 25 | 15 | Fair | Fair | | Removal | 6344285.2669 | 1888617.3075 |
| 5 | *Cupressus sempervirens* | Italian cypress | 1 | 26 | 0 | | | | | 55 | 10 | Good | Good | | Removal | 6344289.1386 | 1888631.4275 |
| 6 | *Cupressus sempervirens* | Italian cypress | 1 | 22 | 0 | | | | | 55 | 10 | Fair | Fair | | Removal | 6344289.3241 | 1888655.8555 |
| 7 | *Cupressus sempervirens* | Italian cypress | 1 | 22 | 0 | | | | | 55 | 10 | Fair | Fair | | Removal | 6344290.9676 | 1888679.0467 |
| 8 | *Cupressus sempervirens* | Italian cypress | 1 | 22 | 0 | | | | | 55 | 10 | Fair | Fair | | Removal | 6344292.2182 | 1888700.0431 |
| 9 | *Cupressus sempervirens* | Italian cypress | 1 | 17 | 0 | | | | | 55 | 10 | Fair | Fair | | Removal | 6344290.9669 | 1888718.8542 |
| 10 | *Cupressus sempervirens* | Italian cypress | 1 | 26 | 0 | | | | | 55 | 10 | Fair | Fair | | Removal | 6344293.5513 | 1888773.8169 |
| 11 | *Cupressus sempervirens* | Italian cypress | 1 | 13 | 0 | | | | | 55 | 10 | Fair | Fair | | Removal | 6344293.1615 | 1888798.7116 |
| 12 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 19 | 0 | | | | | 50 | 8 | Good | Good | | Removal | 6344284.8140 | 1888868.1920 |
| 13 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 19 | 0 | | | | | 40 | 8 | Good | Good | | Removal | 6344293.7220 | 1888885.1247 |
| 14 | *Cupressus sempervirens* | Italian cypress | 3 | 12 | 3 | 3 | | | | 45 | 7 | Fair | Fair | | Removal | 6344217.1563 | 1888887.5368 |
| 15 | *Cupressus sempervirens* | Italian cypress | 1 | 16 | 0 | | | | | 45 | 8 | Fair | Fair | | Removal | 6344199.8123 | 1888885.0646 |
| 16 | *Cupressus sempervirens* | Italian cypress | 1 | 14 | 0 | | | | | 30 | 8 | Fair | Fair | | Removal | 6344177.9529 | 1888889.6397 |
| 17 | *Cupressus sempervirens* | Italian cypress | 1 | 16 | 0 | | | | | 30 | 8 | Fair | Fair | | Removal | 6344171.0827 | 1888912.5576 |
| 18 | *Cupressus sempervirens* | Italian cypress | 1 | 16 | 0 | | | | | 30 | 8 | Fair | Fair | | Removal | 6344174.7947 | 1888935.2254 |
| 19 | *Cupressus sempervirens* | Italian cypress | 1 | 16 | 0 | | | | | 40 | 9 | Fair | Fair | | Removal | 6344177.1000 | 1889009.2839 |
| 20 | *Cupressus sempervirens* | Italian cypress | 1 | 17 | 0 | | | | | 40 | 9 | Fair | Fair | | Removal | 6344175.8345 | 1889031.1645 |
| 21 | *Cupressus sempervirens* | Italian cypress | 1 | 13 | 0 | | | | | 35 | 9 | Fair | Fair | | Removal | 6344176.7183 | 1889041.9109 |
| 22 | *Platanus racemosa* | Western Sycamore | 2 | 26 | 5 | | | | | 35 | 40 | Fair | Fair | | Removal | 6344185.4660 | 1889112.2342 |
| 23 | *Schinus molle* | Peruvian pepper | 1 | 30 | 0 | | | | | 33 | 38 | Good | Fair | | Removal | 6344180.3165 | 1889146.1854 |
| 24 | *Syzygium paniculatum* | Brush Cherry | 1 | 13 | 0 | | | | | 20 | 20 | Good | Fair | | Removal | 6344187.3122 | 1889170.6919 |
| 25 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 16 | 0 | | | | | 12 | 10 | Good | Good | | Removal | 6344133.3179 | 1889074.0243 |
| 26 | *Cupressus sempervirens* | Italian cypress | 1 | 13 | 0 | | | | | 40 | 8 | Fair | Fair | | Removal | 6344119.1442 | 1888963.3101 |
| 27 | *Schinus molle* | Peruvian pepper | 1 | 20 | 0 | | | | | 35 | 30 | Fair | Fair | | Removal | 6343929.1428 | 1888800.5889 |
| 28 | *Schinus molle* | Peruvian pepper | 1 | 20 | 0 | | | | | 35 | 30 | Fair | Fair | | Removal | 6343950.8661 | 1888799.9384 |
| 29 | *Schinus molle* | Peruvian pepper | 1 | 20 | 0 | | | | | 35 | 30 | Fair | Fair | | Removal | 6343971.7377 | 1888805.6944 |
| 30 | *Cupressus sempervirens* | Italian cypress | 1 | 13 | 0 | | | | | 35 | 30 | Fair | Fair | | Removal | 6344119.6554 | 1888801.3846 |
| 31 | *Rhus lancea* | African sumac | 6 | 6 | 9 | 3 | 4 | 10 | | 22 | 35 | Fair | Fair | | Removal | 6344114.8518 | 1888795.1077 |
| 32 | *Cupressus sempervirens* | Italian cypress | 1 | 12 | 0 | | | | | 35 | 30 | Fair | Fair | | Removal | 6344125.3268 | 1888802.4343 |
| 33 | *Cupressus sempervirens* | Italian cypress | 1 | 27 | 0 | | | | | 40 | 8 | Good | Good | | Removal | 6344127.5864 | 1888812.9101 |
| 34 | *Cupressus sempervirens* | Italian cypress | 1 | 27 | 0 | | | | | 40 | 8 | Good | Good | | Removal | 6344143.0033 | 1888816.8910 |
| 35 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 16 | 0 | | | | | 50 | 8 | Good | Good | | Removal | 6344144.7703 | 1888808.7788 |
| 36 | *Cupressus sempervirens* | Italian cypress | 2 | 12 | 2 | | | | | 40 | 8 | Good | Good | | Removal | 6344215.6720 | 1888797.2319 |
| 37 | *Schinus terebinthifolius* | Brazilian Pepper | 21 | 15 | 9 | 10 | 12 | 12 | 15 | 23 | 40 | Fair | Fair | 6,7,4,5,3,2,2,2,7,2,rest 2 | Removal | 6343392.8876 | 1888830.5140 |
| 38 | *Eucalyptus polyanthemos* | Silver-dollar gum | 2 | 22 | 11 | | | | | 30 | 20 | Fair | Fair | | Removal | 6343420.6472 | 1888823.5629 |
| 39 | *Eucalyptus polyanthemos* | Silver-dollar gum | 5 | 25 | 26 | 14 | 22 | 5 | | 30 | 20 | Fair | Fair | | Removal | 6343444.3139 | 1888823.2267 |
| 40 | *Eucalyptus polyanthemos* | Silver-dollar gum | 3 | 13 | 6 | 2 | 2 | | | 25 | 20 | Fair | Poor | | Removal | 6343468.0922 | 1888824.7219 |
| 41 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 35 | 0 | | | | | 35 | 20 | Fair | Fair | | Removal | 6343482.5786 | 1888826.7205 |
| 42 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 12 | 0 | | | | | 15 | 10 | Fair | Fair | | Removal | 6343499.9875 | 1888826.2095 |
| 43 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 40 | 0 | | | | | 35 | 25 | Fair | Fair | | Removal | 6343510.6080 | 1888826.6671 |
| 44 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 23 | 0 | | | | | 33 | 20 | Fair | Fair | | Removal | 6343547.6641 | 1888824.4719 |
| 45 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 38 | 0 | | | | | 35 | 22 | Fair | Fair | | Removal | 6343570.5574 | 1888825.4226 |

| Tree No. | Botanical Name | Common Name | No. of Stems | Individual Stem | | | | | | Height (ft.) | Crown Width | Health | Structure | Notes | Dispostion | X | Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | D1 | D2 | D3 | D4 | D5 | D6 | | | | | | | | |
| 46 | *Eucalyptus polyanthemos* | Silver-dollar gum | 2 | 14 | 11 | | | | | 35 | 22 | Fair | Fair | | Removal | 6343577.8266 | 1888816.2669 |
| 47 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 30 | 0 | | | | | 30 | 20 | Fair | Fair | | Removal | 6343595.3829 | 1888814.0695 |
| 48 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 33 | 0 | | | | | 35 | 22 | Fair | Fair | | Removal | 6343614.8624 | 1888816.7567 |
| 49 | *Eucalyptus polyanthemos* | Silver-dollar gum | 4 | 29 | 36 | 12 | 15 | | | 35 | 25 | Fair | Fair | | Removal | 6343650.5898 | 1888814.8773 |
| 50 | *Schinus terebinthifolius* | Brazilian Pepper | 12 | 8 | 6 | 5 | 7 | 6 | 7 | 15 | 30 | Fair | Fair | Additional Stems 6,4,4,3,3,3 | Removal | 6343697.9801 | 1888812.7261 |
| 51 | *Eucalyptus polyanthemos* | Silver-dollar gum | 3 | 34 | 16 | 8 | | | | 38 | 25 | Fair | Fair | | Removal | 6343771.5199 | 1888807.0555 |
| 52 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 27 | 0 | | | | | 35 | 25 | Fair | Fair | | Removal | 6343824.2399 | 1888809.2980 |
| 53 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 24 | 0 | | | | | 30 | 20 | Fair | Fair | | Removal | 6343857.3039 | 1888806.7724 |
| 54 | *Eucalyptus polyanthemos* | Silver-dollar gum | 1 | 30 | 0 | | | | | 40 | 26 | Fair | Fair | | Removal | 6343397.8169 | 1889231.5598 |
| 55 | *Eucalyptus polyanthemos* | Silver-dollar gum | 2 | 30 | 35 | | | | | 35 | 28 | Fair | Fair | | Removal | 6343400.2333 | 1889265.0060 |
| 56 | *Grevillea robusta* | Silk oak | 1 | 21 | 0 | | | | | 40 | 12 | Fair | Fair | | Removal | 6343396.3057 | 1889277.7641 |
| 57 | *Grevillea robusta* | Silk oak | 1 | 28 | 0 | | | | | 48 | 12 | Fair | Fair | | Removal | 6343395.8143 | 1889299.0155 |
| 58 | *Grevillea robusta* | Silk oak | 3 | 16 | 8 | 1 | | | | 35 | 12 | Fair | Fair | | Removal | 6343399.5265 | 1889312.2775 |
| 59 | *Grevillea robusta* | Silk oak | 1 | 17 | 0 | | | | | 35 | 10 | Fair | Fair | | Removal | 6343399.0758 | 1889323.9605 |
| 60 | *Schinus molle* | Peruvian pepper | 1 | 24 | 0 | | | | | 30 | 20 | Good | Fair | | Removal | 6343706.9739 | 1889451.8425 |
| 61 | *Schinus molle* | Peruvian pepper | 1 | 21 | 0 | | | | | 30 | 20 | Good | Fair | | Removal | 6343716.4368 | 1889461.3432 |
| 62 | *Schinus molle* | Peruvian pepper | 1 | 14 | 0 | | | | | 25 | 20 | Good | Fair | | Removal | 6343730.3006 | 1889473.8532 |
| 63 | *Schinus molle* | Peruvian pepper | 1 | 13 | 0 | | | | | 25 | 20 | Good | Fair | | Removal | 6343743.6676 | 1889477.9056 |
| 64 | *Schinus molle* | Peruvian pepper | 1 | 14 | 0 | | | | | 25 | 20 | Fair | Fair | | Removal | 6343799.4049 | 1889479.4424 |
| 65 | *Schinus molle* | Peruvian pepper | 1 | 20 | 0 | | | | | 25 | 20 | Good | Fair | | Removal | 6343818.3246 | 1889482.0322 |
| 66 | *Schinus molle* | Peruvian pepper | 1 | 22 | 0 | | | | | 34 | 30 | Good | Fair | | Removal | 6343831.0405 | 1889481.8202 |
| 67 | *Schinus molle* | Peruvian pepper | 1 | 17 | 0 | | | | | 35 | 30 | Good | Fair | | Removal | 6343862.0257 | 1889479.9808 |
| 68 | *Schinus molle* | Peruvian pepper | 1 | 24 | 0 | | | | | 35 | 30 | Good | Fair | | Removal | 6343878.7568 | 1889484.1995 |
| 69 | *Schinus molle* | Peruvian pepper | 1 | 12 | 0 | | | | | 20 | 20 | Fair | Fair | | Removal | 6343895.3480 | 1889483.0279 |
| 70 | *Schinus molle* | Peruvian pepper | 1 | 15 | 0 | | | | | 20 | 20 | Poor | Fair | | Removal | 6343909.9658 | 1889484.4261 |
| 71 | *Schinus molle* | Peruvian pepper | 1 | 16 | 0 | | | | | 25 | 20 | Fair | Fair | | Removal | 6343925.0904 | 1889487.2087 |
| 72 | *Schinus molle* | Peruvian pepper | 1 | 16 | 0 | | | | | 18 | 20 | Fair | Fair | | Removal | 6343950.6802 | 1889490.1914 |
| 73 | *Schinus molle* | Peruvian pepper | 1 | 21 | 0 | | | | | 25 | 20 | Good | Fair | | Removal | 6343965.1205 | 1889491.0120 |
| 74 | *Schinus molle* | Peruvian pepper | 1 | 13 | 0 | | | | | 20 | 15 | Good | Fair | | Removal | 6343982.4441 | 1889489.9949 |
| 75 | *Schinus molle* | Peruvian pepper | 1 | 16 | 0 | | | | | 27 | 23 | Good | Fair | | Removal | 6343999.5363 | 1889490.5523 |
| 76 | *Schinus molle* | Peruvian pepper | 1 | 11 | 0 | | | | | 10 | 8 | Fair | Fair | | Removal | 6344009.7582 | 1889492.4893 |
| 77 | *Schinus molle* | Peruvian pepper | 1 | 22 | 0 | | | | | 28 | 25 | Good | Fair | | Removal | 6344023.8071 | 1889495.2251 |
| 78 | *Schinus molle* | Peruvian pepper | 1 | 22 | 0 | | | | | 28 | 25 | Good | Fair | | Removal | 6344054.7417 | 1889495.3523 |
| 79 | *Schinus molle* | Peruvian pepper | 1 | 14 | 0 | | | | | 20 | 25 | Good | Fair | | Removal | 6344098.0087 | 1889497.9578 |
| 80 | *Schinus molle* | Peruvian pepper | 1 | 21 | 0 | | | | | 26 | 25 | Good | Fair | | Removal | 6344115.3430 | 1889494.5699 |
| 81 | *Schinus molle* | Peruvian pepper | 1 | 15 | 0 | | | | | 26 | 25 | Good | Fair | | Removal | 6344133.5017 | 1889493.9426 |
| 82 | *Schinus molle* | Peruvian pepper | 1 | 20 | 0 | | | | | 26 | 25 | Good | Fair | | Removal | 6344148.3934 | 1889496.4295 |
| 83 | *Schinus molle* | Peruvian pepper | 1 | 24 | 0 | | | | | 27 | 30 | Good | Fair | | Removal | 6344174.9033 | 1889492.8848 |
| 84 | *Rhus lancea* | African sumac | 2 | 1 | 1 | | | | | 5 | 4 | Good | Fair | | Removal | 6344082.3383 | 1889492.2879 |
| 85 | *Quercus agrifolia* | Coast Live Oak | 2 | 11 | 10 | | | | | 25 | 20 | Good | Fair | | Preserve | 6343813.8811 | 1889505.4909 |
| 86 | *Sambucus nigra* | Mexican elderberry | 6 | 12 | 16 | 11 | 3 | 2 | 2 | 12 | 35 | Good | Fair | No tag for offsite | Removal | 6343409.0875 | 1889394.7038 |
| 87 | *Rhus lancea* | African sumac | 3 | 2 | 2 | 1 | 3 | | | 12 | 8 | Good | Fair | No tag for offsite | Removal | 6343416.4691 | 1889388.1731 |
| 88 | *Rhus lancea* | African sumac | 3 | 2 | 2 | 1 | 3 | | | 12 | 8 | Good | Fair | No tag for offsite | Removal | 6343414.2969 | 1889375.5033 |
| 89 | *Sambucus nigra* | Mexican elderberry | 6 | 4 | 4 | 4 | 4 | | | 12 | 8 | Good | Fair | No tag for offsite | Removal | 6343402.6492 | 1889376.3746 |

| Tree No. | Botanical Name | Common Name | No. of Stems | Individual Stem | | | | | | Height (ft.) | Crown Width | Health | Structure | Notes | Dispostion | X | Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | D1 | D2 | D3 | D4 | D5 | D6 | | | | | | | | |
| 90 | *Sambucus nigra* | Mexican elderberry | 6 | 4 | 4 | 4 | 4 | | | 12 | 8 | Good | Fair | No tag for offsite | Removal | 6343406.6806 | 1889368.4015 |
| 91 | *Rhus lancea* | African sumac | 6 | 6 | 4 | 4 | 4 | 6 | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343448.5448 | 1889430.1013 |
| 92 | *Rhus lancea* | African sumac | 6 | 6 | 4 | 4 | 4 | 6 | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343466.3117 | 1889432.8228 |
| 93 | *Rhus lancea* | African sumac | 6 | 6 | 4 | 4 | 4 | 6 | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343484.0394 | 1889438.8754 |
| 94 | *Rhus lancea* | African sumac | 2 | 13 | 0 | | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343489.9647 | 1889450.5818 |
| 95 | *Rhus lancea* | African sumac | 3 | 10 | 9 | 6 | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343495.5960 | 1889451.2681 |
| 96 | *Rhus lancea* | African sumac | 1 | 3 | 0 | | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343497.0817 | 1889433.3172 |
| 97 | *Rhus lancea* | African sumac | 4 | 8 | 8 | 7 | 6 | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343514.0205 | 1889444.8541 |
| 98 | *Rhus lancea* | African sumac | 3 | 8 | 6 | 4 | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343524.3275 | 1889444.4893 |
| 99 | *Rhus lancea* | African sumac | 3 | 17 | 10 | 8 | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343531.9718 | 1889444.4465 |
| 100 | *Rhus lancea* | African sumac | 2 | 13 | 4 | | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343550.8730 | 1889441.5534 |
| 101 | *Rhus lancea* | African sumac | 3 | 13 | 11 | 3 | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343554.7463 | 1889441.8258 |
| 102 | *Rhus lancea* | African sumac | 3 | 18 | 14 | 12 | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343556.7330 | 1889439.3901 |
| 103 | *Rhus lancea* | African sumac | 1 | 14 | 0 | | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343559.5884 | 1889439.0008 |
| 104 | *Rhus lancea* | African sumac | 4 | 12 | 8 | 12 | 5 | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343594.5689 | 1889439.1374 |
| 105 | *Rhus lancea* | African sumac | 3 | 12 | 16 | 10 | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343590.7589 | 1889443.7888 |
| 106 | *Rhus lancea* | African sumac | 6 | 12 | 16 | 10 | 10 | 8 | 10 | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343609.6409 | 1889449.4171 |
| 107 | *Rhus lancea* | African sumac | 3 | 12 | 12 | 6 | | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343607.4870 | 1889447.9591 |
| 108 | *Rhus lancea* | African sumac | 6 | 12 | 16 | 10 | 10 | 13 | 10 | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343642.0248 | 1889436.9371 |
| 109 | *Rhus lancea* | African sumac | 7 | 12 | 8 | 10 | 8 | 13 | 6 | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343651.1469 | 1889440.1759 |
| 110 | *Rhus lancea* | African sumac | 4 | 12 | 10 | 12 | 13 | | | 15 | 15 | Good | Fair | No tag for offsite | Removal | 6343662.3601 | 1889438.2548 |
| 111 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 4 | 0 | | | | | 12 | 5 | Good | Good | No tag for offsite | Preserve | 6343969.1155 | 1888787.6071 |
| 112 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 6 | 0 | | | | | 12 | 5 | Good | Good | No tag for offsite | Preserve | 6343975.5193 | 1888789.0456 |
| 113 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 4 | 0 | | | | | 15 | 5 | Good | Good | No tag for offsite | Preserve | 6343982.3594 | 1888793.8175 |
| 114 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 7 | 0 | | | | | 15 | 5 | Good | Good | No tag for offsite | Preserve | 6343992.4749 | 1888792.4505 |
| 115 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 7 | 0 | | | | | 15 | 8 | Good | Good | No tag for offsite | Encroached | 6344003.4243 | 1888791.0657 |
| 116 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 8 | 0 | | | | | 15 | 12 | Good | Good | No tag for offsite | Encroached | 6344009.2423 | 1888793.3098 |
| 117 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 12 | 0 | | | | | 15 | 10 | Good | Fair | No tag for offsite | Encroached | 6344015.9833 | 1888790.9124 |
| 118 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 12 | 0 | | | | | 15 | 10 | Good | Fair | No tag for offsite | Encroached | 6344025.5919 | 1888791.3894 |
| 119 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 11 | 0 | | | | | 15 | 10 | Good | Fair | No tag for offsite | Encroached | 6344032.1198 | 1888790.9595 |
| 120 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 14 | 0 | | | | | 20 | 15 | Good | Fair | No tag for offsite | Encroached | 6344042.9728 | 1888788.1590 |
| 121 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 12 | 0 | | | | | 20 | 15 | Good | Fair | No tag for offsite | Encroached | 6344053.3891 | 1888789.9830 |
| 122 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 10 | 0 | | | | | 20 | 15 | Good | Fair | No tag for offsite | Encroached | 6344066.4037 | 1888793.0203 |
| 123 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 11 | 0 | | | | | 20 | 15 | Good | Fair | No tag for offsite | Encroached | 6344075.0313 | 1888791.5637 |
| 124 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 12 | 0 | | | | | 20 | 15 | Good | Fair | No tag for offsite | Encroached | 6344083.0972 | 1888790.9696 |
| 125 | *Eucalyptus cladocalyx* | Sugar Gum | 1 | 12 | 0 | | | | | 20 | 15 | Good | Fair | No tag for offsite | Encroached | 6344094.7120 | 1888787.4677 |
| 126 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 10 | 0 | | | | | 5 | 3 | Good | Good | No tag for offsite | Preserve | 6344117.4623 | 1888789.5737 |
| 127 | *Lophostemon confertus* | Brisbane box | 1 | 10 | 0 | | | | | 15 | 8 | Fair | Good | No tag for offsite | Encroached | 6344129.5849 | 1888789.8706 |
| 128 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 14 | 0 | | | | | 10 | 6 | Good | Good | No tag for offsite | Encroached | 6344150.3793 | 1888789.1611 |
| 129 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 14 | 0 | | | | | 15 | 6 | Good | Good | No tag for offsite | Encroached | 6344160.0720 | 1888788.3595 |
| 130 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 20 | 0 | | | | | 18 | 8 | Good | Good | No tag for offsite | Encroached | 6344172.2857 | 1888788.8272 |
| 131 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 19 | 0 | | | | | 18 | 8 | Good | Good | No tag for offsite | Encroached | 6344181.5340 | 1888788.9299 |
| 132 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 18 | 0 | | | | | 18 | 8 | Good | Good | No tag for offsite | Encroached | 6344192.7813 | 1888787.1988 |
| 133 | *Washingtonia robusta* | Mexican Fan Palm | 1 | 18 | 0 | | | | | 18 | 8 | Good | Good | No tag for offsite | Encroached | 6344201.9384 | 1888787.6954 |
| 134 | *Lophostemon confertus* | Brisbane box | 1 | 6 | 0 | | | | | 18 | 8 | Fair | Good | No tag for offsite | Encroached | 6344218.7629 | 1888787.9886 |

| Tree No. | Botanical Name | Common Name | No. of Stems | Individual Stem | | | | | | Height (ft.) | Crown Width | Health | Structure | Notes | Dispostion | X | Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | D1 | D2 | D3 | D4 | D5 | D6 | | | | | | | | |
| 135 | *Lophostemon confertus* | Brisbane box | 1 | 6 | 0 | | | | | 20 | 8 | Fair | Good | No tag for offsite | Encroached | 6344233.5129 | 1888787.7657 |
| 136 | *Lophostemon confertus* | Brisbane box | 1 | 7 | 0 | | | | | 20 | 8 | Fair | Good | No tag for offsite | Preserve | 6344234.4170 | 1888770.0448 |
| 137 | *Lophostemon confertus* | Brisbane box | 1 | 7 | 0 | | | | | 20 | 8 | Fair | Good | No tag for offsite | Encroached | 6344235.6591 | 1888740.3806 |
| 138 | *Lophostemon confertus* | Brisbane box | 1 | 8 | 0 | | | | | 20 | 8 | Fair | Good | No tag for offsite | Encroached | 6344234.9125 | 1888709.4905 |
| 139 | *Lophostemon confertus* | Brisbane box | 1 | 9 | 0 | | | | | 20 | 8 | Fair | Good | No tag for offsite | Encroached | 6344233.3082 | 1888681.0263 |
| 140 | *Lophostemon confertus* | Brisbane box | 2 | 9 | 1 | | | | | 20 | 10 | Fair | Poor | No tag for offsite | Encroached | 6344231.5985 | 1888650.5648 |

# Appendix D
Proposed Landscape Plan

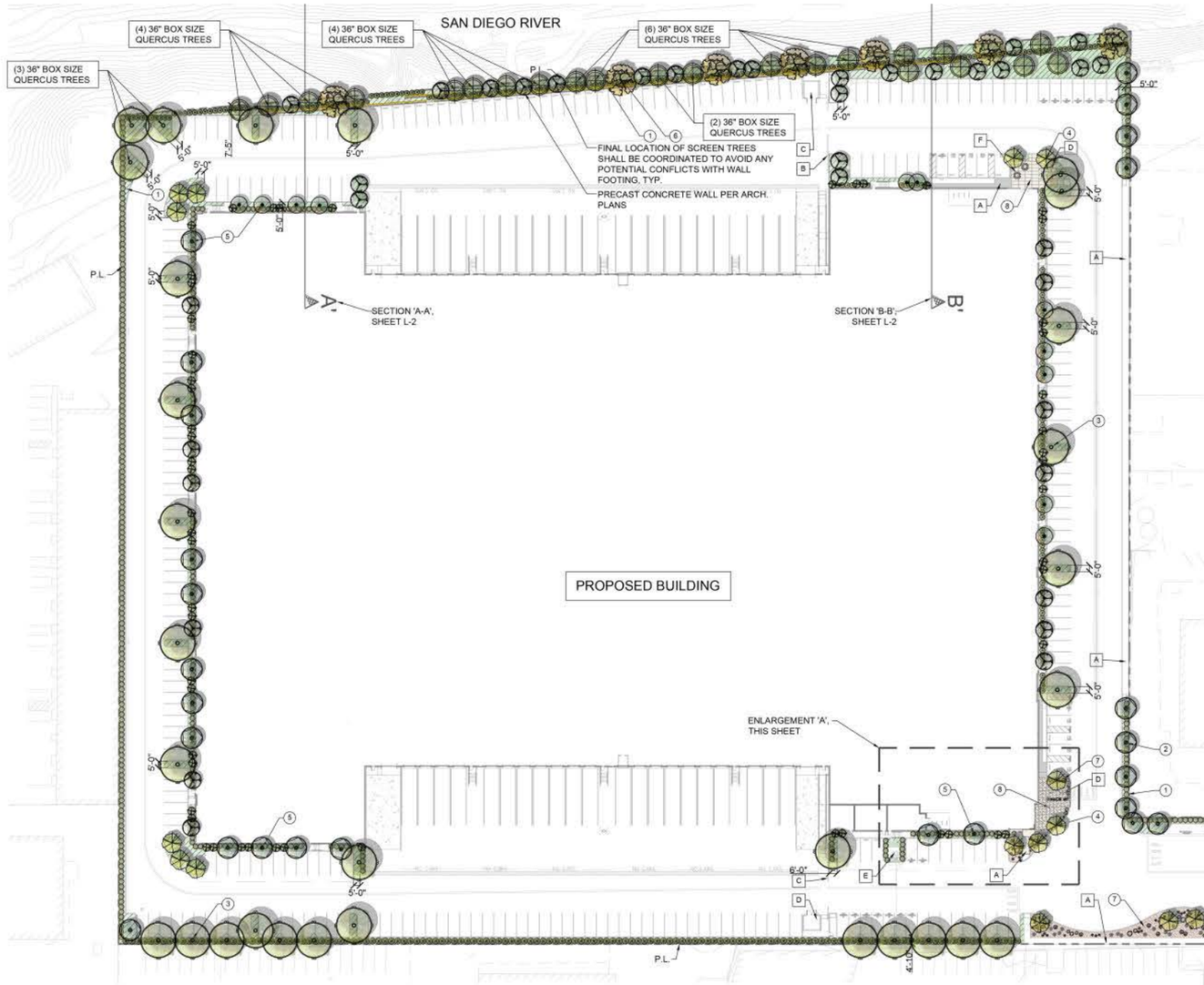
## PLANTING LEGEND

| TREES | | | |
|---|---|---|---|
| **SYMBOL** | **TREE NAME** | **QTY.** | **WUCOLS** |
| | PRUNUS CAROLINIANA 'COMPACTA',<br>CAROLINA LAUREL CHERRY<br>15 GAL. SIZE | 55 | L |
| | FLOWERING ACCENT TREE AT BLDG AND PROJECT ENTRIES<br>CERCIDIUM FLORIDUM, BLUE PALO VERDE<br>36" BOX SIZE. MULTI-TRUNK | 15 | L |
| | EVERGREEN PARKING LOT SHADE TREE<br>QUERCUS ILEX, HOLLY OAK<br>24" BOX SIZE<br>[SEE PLAN FOR LOCATION OF (3) 36" BOX SIZE] | 27 - 24"<br>3 - 36" | L |
| | EVERGREEN SCREEN TREE<br>SALIX SPP., WILLOW<br>24" BOX SIZE | 36 | L |
| | CALIFORNIA NATIVE SCREEN TREE<br>QUERCUS AGRIFOLIA, COAST LIVE OAK<br>24" BOX SIZE<br>[SEE PLAN FOR LOCATION OF (16) 36" BOX SIZE] | 6 - 24"<br>16 - 36" | L |
| | VERTICAL GROWING TREE ADJACENT TO BUILDING<br>TRISTANIA CONFERTA, BRISBANE BOX<br>15 GAL. SIZE | 11 | M |
| | VERTICAL GROWING TREE ADJACENT TO BUILDING<br>GEIJERIA PARVIFLORA, AUSTRALIAN WILLOW<br>15 GAL. SIZE | 37 | L |
| | CALIFORNIA NATIVE TREE<br>PLATANUS RACEMOSA, WESTERN SYCAMORE<br>15 GAL. SIZE | 7 | M |

| **SHRUBS -** SHRUBS SHALL BE CHOSEN FROM THE FOLLOWING: | | |
|---|---|---|
| **SYMBOL** | **NAME** | **WUCOLS** |
| | SAMBUCUS NIGRA, ELDERBERRY<br>5 GAL. SIZE | L |
| | SENNA ARTEMISIODES, FEATHERY CASSIA<br>5 GAL. SIZE | L |
| | LEUCOPHYLLUM FRUTESCENS, TEXAS RANGER<br>5 GAL. SIZE | L |
| | OLEA 'LITTLE OLLIE', DWARF OLIVE<br>5 GAL. SIZE | L |
| | LIGUSTRUM TEXANUM, TEXAS PRIVET<br>5 GAL. SIZE | L |
| | HETEROMELES ARBUTIFOLIA, TOYON<br>5 GAL. SIZE | L |
| | HETEROMELES ARBUTIFOLIA, TOYON<br>15 GAL. SIZE | L |

| **GROUND COVERS** | | |
|---|---|---|
| **SYMBOL** | **NAME** | **WUCOLS** |
| | ACHILLEA 'MOONSHINE', MOONSHINE YARROW<br>1 GAL. SIZE @ 24" O.C. | L |
| | LANTANA CAMARA 'DWARF GOLD', DWARF LANTANA<br>1 GAL. SIZE @ 30" O.C. | L |
| | STIPA PULCHRA, PURPLE NEEDGRASS<br>1 GAL. SIZE @ 24" O.C. | M |
| | SALVIA CLEVLANDII, CLEVLAND SAGE<br>5 GAL. SIZE @ 48" O.C. | L |
| | DIANELLA TASMANICA 'VARIEGATA', WHITE STRIPED TASMAN FLAX LILY<br>1 GAL. SIZE @ 24" O.C. | M |
| | MYOPORUM PARVIFOLIUM, CREEPING MYOPORUM<br>1 GAL. SIZE @ 24" O.C. | L |
| | CARISSA MACROCARPA 'GREEN CARPET', NATAL PLUM<br>1 GAL. SIZE @ 30" O.C. | M |
| | ENCELIA CALIFORNIA,<br>5 GAL. SIZE @ 36" O.C. | L |
| | AGAVE 'BLUE FLAME', BLUE FLAME AGAVE<br>5 GAL. SIZE @ 36" O.C. | L |
| | LEYMUS C. 'CANYON PRINCE', CANYON PRINCE WILD RYE<br>1 GAL. SIZE @ 36" O.C. | L |
| | DIETES BICOLOR, FORTNIGHT LILY<br>1 GAL. SIZE @ 24" O.C. | M |
| | VERBENA 'DE LA MINA', DE LA MINA VERBENA<br>1 GAL. SIZE @ 24" O.C. | L |
| | ASCLEPIAS SUBULATA, DESERT MILKWEED<br>1 GAL. SIZE @ 30" O.C. | L |
| | HESPERALOE PARVIFLORA, RED YUCCA<br>5 GAL. SIZE @ 30" O.C. | L |
| | YUCCA ROSTRATA, YUCCA<br>5 GAL. SIZE @ 36" O.C. | L |

NOTE: APPLY A 3" MIN. LAYER OF MULCH TOP DRESSING WITHIN ALL PLANTING AREAS. A SAMPLE IS REQUIRED PRIOR TO APPLICATION.




### REFERENCE NOTES:

- A. CONCRETE WALKWAY PER CIVIL PLANS.
- B. GATE PER ARCH. PLANS.
- C. TRASH ENCLOSURE PER ARCH. PLANS.
- D. BIKE RACK PER ARCH. PLANS.
- E. ELEC. TRANSFORMER PER ARCH. PLANS.
- F. EMPLOYEED BREAK PER ARCH. PLANS.

### DESIGN KEY NOTES:

1. SCREEN SHRUBS ALONG PROPERTY LINE PER PLANTING LEGEND.
2. SCREEN TREES ALONG PROPERTY LINE PER PLANTING LEGEND.
3. PARKING LOT SHADE TREE WITHIN 30' OF EACH CAR PARKING STALL, PER COUNTY OF SAN DIEGO LANDSCAPE REQUIREMENTS.
4. FLOWERING ACCENT TREES AT FOCAL AREAS PER PLANTING LEGEND.
5. VERTICAL TREE AT BUILDING PER PLANTING LEGEND.
6. RIVER ADJACENT CALIFORNIA NATIVE TREES PER PLANTING LEGEND.
7. SUCCULENT PLANTING AREA IN DECOMPOSED GRANITE AT BUILDING ENTRY.
8. ENHANCED PAVING AT BUILDING ENTRY. INTEGRAL COLORED CONCRETE WITH MEDIUM ETCH FINISH.

### LANDSCAPE CALCULATIONS

TOTAL SQ. FOOTAGE OF LANDSCAPE AREAS = 37,932 SQ FT
TOTAL PARKING AREA = 45,621 SQ FT
TOTAL PARKING AREA LANDSCAPED = 15,879 SQ FT (35% OF TOTAL PARKING AREA)
TOTAL TREE COUNT = 213 TREES

| **ACCENT SUCCULENTS** | | | |
|---|---|---|---|
| **SYMBOL** | **SHRUB NAME** | **QTY.** | **WUCOLS** |
| | AGAVE WEBERII, WEBER'S AGAVE<br>15 GAL. SIZE | 26 | VL |
| | AGAVE 'MEDIOPICTA ALBA', VARIEGATED AGAVE<br>5 GAL. SIZE @ 30" O.C. | 22 | VL |
| | AGAVE PARRYI VAR. 'TRUNCATA', ARTICHOKE AGAVE<br>5 GAL. SIZE @ 30" O.C. | 54 | VL |

CONCEPTUAL PLAN NOTE:

THIS IS A CONCEPTUAL LANDSCAPE PLAN. IT IS BASED ON PRELIMINARY INFORMATION WHICH IS NOT FULLY VERIFIED AND MAY BE INCOMPLETE. IT IS MEANT AS A COMPARATIVE AID IN EXAMINING ALTERNATE DEVELOPMENT STRATEGIES AND ANY QUANTITIES INDICATED ARE SUBJECT TO REVISION AS MORE RELIABLE INFORMATION BECOMES AVAILABLE.

WUCOLS PLANT FACTOR
THIS PROJECT IS LOCATED IN 'WUCOLS' REGION '3-SOUTH COASTAL.

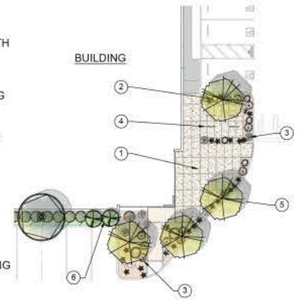
H = HIGH WATER NEEDS
M = MODERATE WATER NEEDS
L = LOW WATER NEEDS
VL= VERY LOW WATER NEEDS

NORTH

0 40' 80' 120'
SCALE: 1" = 40'-0"

ENLARGEMENT KEY NOTES:

1. INTEGRAL COLORED CONCRETE WITH MEDIUM ETCH FINISH
2. DECORATIVE ROCK MULCH OR DECOMPOSED GRANITE AT BUILDING ENTRY AREA
3. ACCENT SHRUBS AND SUCCULENTS AT DECORATIVE NON-ORGANIC MULCH AREA
4. BIKE RACK PER ARCH.
5. FLOWERING ACCENT TREE AT BUILDING ENTRY AREA
6. DROUGHT TOLERANT SHRUBS AND GROUND COVER (REGULAR PLANTING AREASS, GREEN NON DG)




ENLARGEMENT 'A' - SOUTH EAST BUILDING ENTRY
SCALE: 1"=20'

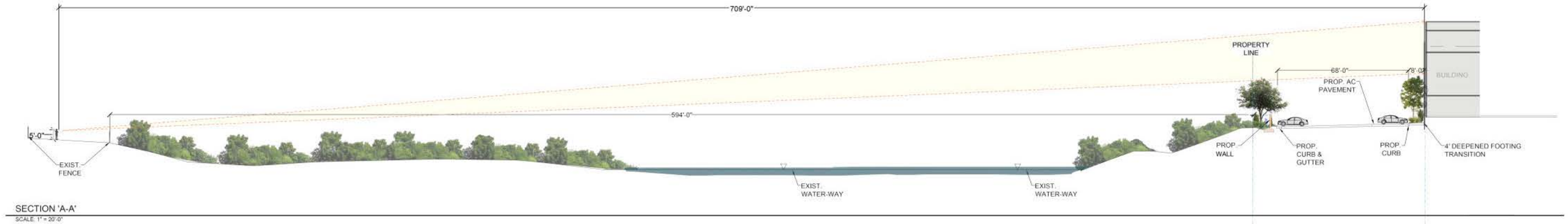
RODARTE LANDSCAPE ARCHITECTURE, INC.
HERDMAN ARCHITECTURE + DESIGN
NORTH PALISADE PARTNERS

# CONCEPTUAL LANDSCAPE PLAN
# PALISADE SANTEE BUSINESS CENTER

SANTEE, CA

DATE: 06/05/24

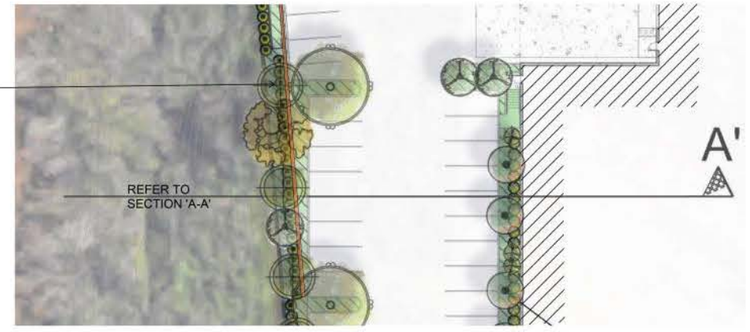
L-1

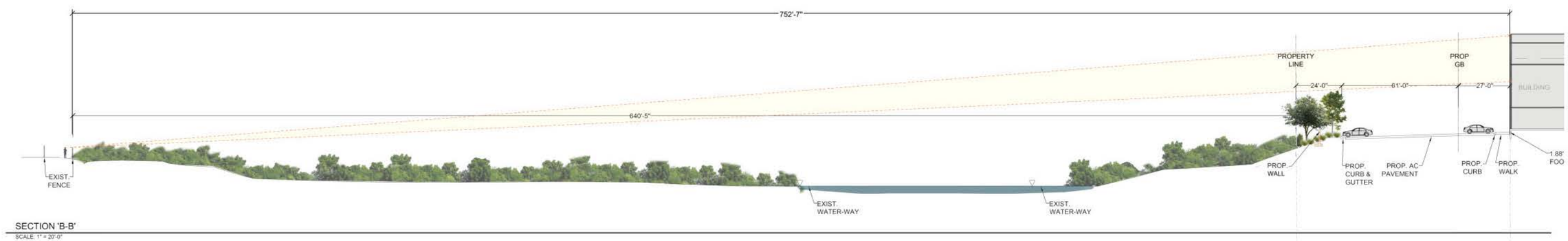



SECTION 'A-A'

SCALE: 1" = 20'-0"

FINAL LOCATION OF SCREEN TREES SHALL BE COORDINATED TO AVOID ANY POTENTIAL CONFLICTS WITH WALL FOOTING, TYP.

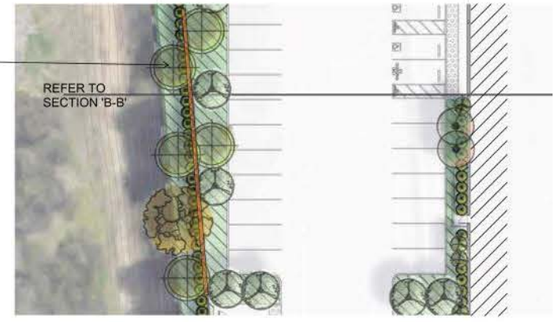



SECTION 'B-B'

SCALE: 1" = 20'-0"

FINAL LOCATION OF SCREEN TREES SHALL BE COORDINATED TO AVOID ANY POTENTIAL CONFLICTS WITH WALL FOOTING, TYP.




RODARTE LANDSCAPE ARCHITECTURE, INC.

HERDMAN ARCHITECTURE • DESIGN

NORTH PALISADE PARTNERS

# LANDSCAPE SECTIONS
# PALISADE SANTEE BUSINESS CENTER

SANTEE, CA

DATE: 06/05/24

L-2

# Appendix E

Tree Protection Measures

# Tree Protection Measures

The following tree protection measures are provided as general guidelines for tree protection from construction impacts. The measures presented should be monitored by arborists and enforced by contractors and developers for maximum benefit to the trees.

## Tree Protection Measures Prior to Construction

Prior to any construction activity (drainage, demolition, material removal or delivery), oak and landmark trees with canopies that fall within 30 feet of construction activity shall be protected by fencing and signage. All contractors shall be made aware of the tree protection measures. A project arborist shall be assigned to monitor tree health and construction activity near retained trees on site. The project arborist shall be an International Society of Arboriculture (ISA) Certified Arborist.

**Fencing.** A 6-foot high, chain link fence with tree protection signs shall be erected around all trees (or tree groups) with canopies that fall within 30 feet of construction activity. The protective fence should be installed at a distance from the trunk that is equal to the dripline radius plus 5 feet (protected tree zone). For any trees that would be encroached upon by construction activities, fencing shall be placed as far away from trunk of the tree as possible while still allowing the required construction activities to proceed. This fencing will delineate the tree protection zone and prevent unwanted activity in and around the trees in order to reduce soil compaction in the root zones of the trees and other damage from heavy equipment. Fences are to be mounted on two-inch diameter galvanized iron posts, driven into the ground to a depth of at least 2-feet at no more than 10-foot spacing. In areas where fencing is located on paving or concrete that will not be demolished, then the posts may be supported by an appropriate grade level concrete base. Tree protection signs should be attached to every fourth post. The contractor shall maintain the fence to keep it upright, taut, and aligned at all times. Fencing shall be removed only after all construction activities are complete.

**Pre-Construction Meeting.** A pre-construction meeting shall be held between all contractors and the arborist. The arborist will instruct the contractors on tree protection practices and answer any questions. All equipment operators and spotters, assistants, or those directing operators from the ground, shall provide written acknowledgement of their receiving tree protection training. This training shall include information on the location and marking of protected trees, the necessity of preventing damage, and the discussion of work practices that will accomplish such.

## Protection and Maintenance During Construction

Once construction activities have begun, the following measures shall be adhered to:

**Avoidance:** Signs, ropes, cables, or any other items shall not be attached to any tree.

**Equipment Operation and Storage.** Operating heavy machinery around the root zones of trees will increase soil compaction, which decreases soil aeration and subsequently reduces water penetration in the soil. All heavy equipment and vehicles shall stay out of the fenced tree protection zone, unless where specifically approved in writing by the City Arborist and under the supervision of an ISA Certified Arborist

**Storage and Disposal.** Do not store or discard any supply or material, including paint, lumber, concrete overflow, etc. within the fenced tree protection zone. Remove all foreign debris within the fenced tree protection zone; it is

important to leave the duff, mulch, chips, and leaves around the retained trees for water retention and nutrients. Avoid draining or leakage of equipment fluids near retained trees. Fluids such as: gasoline, diesel, oils, hydraulics, brake and transmission fluids, paint, paint thinners, and glycol (anti-freeze) should be disposed of properly. Keep equipment parked outside of the fenced tree protection zone of retained trees to avoid the possibility of leakage of equipment fluids into the soil. The effect of toxic equipment fluids on the retained trees could lead to decline and death.

**Moving Construction Materials.** Moving Construction Materials: Care will be taken when moving equipment or supplies near the trees, especially overhead. Avoid damaging the tree(s) when transporting or moving construction materials and working around retained trees (even outside of the fenced tree protection zone). Above ground tree parts that could be damaged (e.g., low limbs, trunks) should be flagged with red ribbon. If contact with the tree crown is unavoidable, prune the conflicting branch(es) using ISA or ANSI A300 standards.

**Grade Changes.** Grade changes, including adding fill, are not permitted within the tree protection zone, without special written authorization and under supervision by a Certified Arborist. Lowering the grade within this area will necessitate cutting main support and feeder roots, jeopardizing the health and structural integrity of the tree(s). Adding soil, even temporarily, on top of the existing grade will compact the soil further, and decrease both water and air availability to the trees' roots.

**Root Pruning.** Except where specifically approved in writing, all trenching shall be outside of the fenced tree protection zone. Roots primarily extend in a horizontal direction, forming a support base to the tree similar to the base of a wineglass. Where trenching is necessary in areas that contain tree roots, prune the roots using a Dosko root pruner or equivalent. All cuts shall be clean and sharp, to minimize ripping, tearing, and fracturing the root system. The trench shall be made no deeper than necessary.

**Trenching.** Unless a Tree Permit has been issued for trenching activity within the fenced tree protection zone, all trenching shall be outside of the fenced tree protection zone. Roots primarily extend in a horizontal direction forming a support base to the tree similar to the base of a wineglass. Where trenching is necessary in areas that contain tree roots, prune the roots using a Dosko root pruner or equivalent. All cuts should be clean and sharp, to minimize ripping, tearing, and fracturing of the root system. The trench should be made no deeper than necessary

**Irrigation.** Trees that have been substantially root pruned (30% or more of their root zone) will require irrigation for the first twelve months. The first irrigation should be within 48 hours of root pruning. They should be deep watered every two to four weeks during the summer and once a month during the winter (adjust accordingly with rainfall). One irrigation cycle should thoroughly soak the root zones of the trees to a depth of 3 feet. The soil should dry out between watering; avoid keeping a consistently wet soil. Designate one person to be responsible for irrigating (deep watering) the trees. Check soil moisture with a soil probe before irrigating. Irrigation is best accomplished by installing a temporary above ground micro-spray system that will distribute water slowly (to avoid runoff) and evenly throughout the fenced tree protection zone ***but never soaking the area located within 6- feet of the tree trunk***.

**Pruning.** Do not prune any of the trees until all construction is completed. This will help protect the tree canopies from damage. All pruning shall be completed under the direction of an ISA Certified Arborist and using ISA guidelines. Only dead wood shall be removed from tree canopies.

**Washing.** Periodic washing of the foliage is recommended during construction but no more than once every two weeks. Washing should include the upper and lower leaf surfaces and the tree bark. This should continue beyond the

construction period at a less frequent rate with a high-powered hose only in the early morning hours. Washing will help control dirt/dust buildup that can lead to mite and insect infestations.

**Inspection.** An ISA Certified Arborist shall inspect the trees on at least a monthly basis for the duration of construction activity. A summary report documenting observations and management recommendations shall be submitted to the owner following each inspection. Photographs of representative trees are to be included in each report.

# Maintenance After Construction

Once construction is complete the tree protection fencing may be removed and the following measures performed to sustain and enhance the vigor of the preserved trees.

**Mulch.** Provide a 4-inch mulch layer of mulch under the canopy of trees. Mulch shall be clean and organic and provide long-term soil conditioning, soil moisture retention, and soil temperature control.

**Pruning.** Pruning should only be done to maintain clearance and remove broken, dead or diseased branches. Pruning shall only take place following a recommendation by an ISA Certified Arborist and performed under the supervision of an ISA Certified Arborist. No more than 15% of the canopy shall be removed at any one time. All pruning shall conform to ISA or ANSI A300 standards.

**Watering.** Retained trees on site shall be watered as they were prior to the commencement of construction activity. Supplemental irrigation may be necessary for twelve months following substantial root pruning.

**Watering Adjacent Plant Material.** All plants near the trees shall be compatible with water requirements of said trees. Watering regime included in the site's landscape plan shall be developed with consideration for the water needs of retained trees.

**Spraying.** If the trees are maintained in a healthy state, regular spraying for insect or disease control should not be necessary. If a problem does develop, an ISA Certified Arborist should be consulted; the trees may require application of insecticides to prevent the intrusion of bark-boring beetles and other invading pests. All chemical spraying should be performed by a licensed applicator under the direction of a licensed pest control advisor.

**Inspection.** All trees within 30 feet of construction activity shall be monitored by an ISA Certified Arborist for the first two years after construction completion. An annual monitoring report shall be submitted to the City Arborist. Each report shall summarize the inspection efforts, document observations and management actions taken, include photographs of each tree, and compare postconstruction tree conditions with the original, pre-construction baseline condition. If any retained trees die within this inspection period, they shall be replaced at a ratio approved by the City.

# Appendix E

Archaeological Resources Inventory Report

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December 31, 2023 15138

North Palisade Partners
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**Subject: Archaeological Resources Inventory Report for the Palisade Santee Commerce Center Project, City of Santee, California**

To Whom it May Concern:

This letter documents the negative archaeological resources inventory conducted by Dudek for the Palisade Santee Commerce Center Project (Project), located in the City of Santee, California (Figure 1, Project Location). The proposed Project would involve the construction of one warehouse building (300,145 square feet), including office and mezzanine and approximately 42 dock-hi doors; parking spaces; improvements to internal roadways, driveway access, and Woodside Avenue North frontage; automated gates equipped with knox boxes; and landscaping. The City of Santee (City) is the lead agency responsible for compliance with the California Environmental Quality Act (CEQA). In accordance with CEQA, Dudek performed an archaeological resources inventory for the entire Project area. The Project area consists of almost 14 acres of mostly developed land currently dedicated to the Santee Drive-in Theatre (Figure 2, Project Area).

Dudek conducted a records search for the proposed Project and the surrounding one-mile radius at the South Coastal Information Center (SCIC). The records search did not identify any archaeological resources within the Project area; however, 20 archaeological resources were identified within the one-mile radius of the Project area. A Native American Heritage Commission (NAHC) Sacred Lands File (SLF) search was requested, and results were positive. Tribal outreach letters were mailed to Tribal representatives on April 5, 2023. To date, one response has been received, requesting Tribal monitoring during survey, site visits, and ground disturbance.

A qualified Dudek archaeologist and Native American monitor visited the Project area on March 31, 2023. The Project area consists mostly of paved parking and includes various built environment resources associated with the Santee Drive-in Theatre. While no archaeological resources were identified within the Project area, much of the surface was obscured by development, including pavement and minor landscaping. Archival research indicates the Project area has been utilized as a drive-in theatre since 1962, and before that, as irrigated cropland. Although the records search and pedestrian survey did not identify any archaeological resources within the Project area, based on its proximity to the San Diego River and the quantity and significance of the archaeological resources identified within a one-mile radius of the Project area, there is moderate potential for the inadvertent discovery of archaeological resources during Project implementation. Dudek recommends full time archaeological and Native American monitoring during initial ground disturbing activities for the Project. If disturbed sediments (e.g., fill) or other sediments and formations are identified that do not have the potential to contain archaeological resources, then monitoring may be reduced or terminated.

The Santee Drive-in Theatre identified as part of this Project will be addressed in a separate built environment inventory and evaluation report that is, to date, currently in process.

# 1 Project Description and Location

The proposed Project area is located on 13.66 acres at 10990 Woodside Avenue North (Woodside Avenue N.) in Santee, California. The Project area falls within Section 23 of Township 15 South, Range 1 West of the El Cajon, California 7.5-minute Quadrangle and encompasses one Assessor Parcel Number (APN): 381-070-52-00 (Figure 1 and Figure 2). The Project area contains the Santee Drive-In Theatre, an access road that extends to Woodside Avenue N., some landscaping, and an undeveloped area located along the northern boundary of the parcel. The Project area is bound by industrial uses to the east, west, and south, and the San Diego River to the north. Residential areas are located just north of the San Diego River. No change to current site zoning and land use designation are proposed.

The Project would redevelop the site for the construction of one warehouse building (280,000 to 300,000 square feet), including office and mezzanine and approximately 42 dock-hi doors; parking spaces; improvements to internal roadways, driveway access, and Woodside Avenue North frontage; automated gates equipped with knox boxes; and landscaping. This scope of work assumes project development would extend to the undeveloped northern boundary of APN 381-070-52-00 and that project access would be limited to the driveway access at Woodside Avenue N.

# 2 Regulatory Framework

## 2.1 CEQA and the California Register of Historic Resources

CEQA requires that all private and public activities not specifically exempted be evaluated for the potential to impact the environment, including effects to historical resources. Historical resources are recognized as part of the environment under CEQA. It defines historical resources as "any object, building, structure, site, area, or place, which is historically significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California" (Division I, Public Resources Code, Section 5021.1(b)).

Lead agencies have a responsibility to evaluate historical resources against the California Register of Historic Resources (CRHR, or California Register) criteria prior to making a finding as to a proposed project's impacts to historical resources. Mitigation of adverse impacts is required if the proposed project will cause substantial adverse change. Substantial adverse change includes demolition, destruction, relocation, or alteration such that the significance of a historical resource would be impaired. While demolition and destruction are fairly obvious significant impacts, it is more difficult to assess when change, alteration, or relocation crosses the threshold of substantial adverse change. The CEQA Guidelines provide that a project which demolishes or alters those physical characteristics of a historical resource that convey its historical significance (i.e., its character-defining features) can be considered to materially impair the resource's significance.

The California Register is used in the consideration of historic resources relative to significance for purposes of CEQA. The California Register includes resources listed in, or formally determined eligible for the National Register of Historic Places (NRHP) and some California State Landmarks and Points of Historical Interest. Properties of local significance that have been designated under a local preservation ordinance (local landmarks or landmark districts) or that have been identified in a local historical resources inventory may be eligible for listing in the California Register, and they are presumed to be significant resources for purposes of CEQA unless a preponderance of evidence indicates otherwise. Generally, a resource shall be considered by the lead agency to be "historically

significant" if the resource meets the criteria for listing on the CRHR (Pub. Res. Code SS5024.1, Title 14 CCR, Section 4850 et seq.), consisting of the following:

1. It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States; or
2. It is associated with the lives of persons important to local, California, or national history; or
3. It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values; or
4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

## 2.2 Native American Historic Cultural Sites (California Public Resources Code section 5097 et seq.)

State law addresses the disposition of Native American burials in archaeological sites and protects such remains from disturbance, vandalism, or inadvertent destruction; establishes procedures to be implemented if Native American skeletal remains are discovered during construction of a project; and establishes the NRHC to resolve disputes regarding the disposition of such remains. In addition, the Native American Historic Resource Protection Act makes it a misdemeanor punishable by up to 1 year in jail to deface or destroy an Indian historic or cultural site that is listed or may be eligible for listing in the CRHR.

## 2.3 California Native American Graves Protection and Repatriation Act

The California Native American Graves Protection and Repatriation Act (California Repatriation Act), enacted in 2001, required all state agencies and museums that receive state funding and that have possession or control over collections of human remains or cultural items, as defined, to complete an inventory and summary of these remains and items on or before January 1, 2003, with certain exceptions. The California Repatriation Act also provides a process for the identification and repatriation of these items to the appropriate tribes.

## 2.4 California Health and Safety Code section 7050.5 and Public Resources Code Section 5097.98

CEQA Guidelines Section 15064.5 assigns special importance to human remains and specifies procedures to be used when Native American remains are discovered. As described below, these procedures are detailed in California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98.

California law protects Native American burials, skeletal remains, and associated grave goods, regardless of their antiquity, and provides for the sensitive treatment and disposition of those remains. Health and Safety Code Section 7050.5 requires that if human remains are discovered in any place other than a dedicated cemetery, no further disturbance or excavation of the site or nearby area reasonably suspected to contain human remains shall occur until the County coroner has examined the remains (California Health and Safety Code Section 7050.5[b]). If the coroner determines or has reason to believe the remains are those of a Native American, the coroner must

contact the NAHC within 24 hours (California Health and Safety Code Section 7050.5[c]). In accordance with California Public Resources Code Section 5097.98(a), the NAHC will notify the Most Likely Descendant (MLD). With the permission of the landowner, the MLD may inspect the site of discovery. Within 48 hours of being granted access to the site, the MLD may recommend means of treatment or disposition, with appropriate dignity, of the human remains and associated grave goods.

## 2.5 Assembly Bill 52

California Assembly Bill 52, which took effect July 1, 2015, establishes a consultation process between California Native American Tribes and lead agencies in order to address tribal concerns regarding project impacts and mitigation to "tribal cultural resources" (TCR). Public Resources Code section 21074(a) defines TCRs and states that a project that has the potential to cause a substantial adverse change to a TCR is a project that may have an adverse effect on the environment. A TCR is defined as a site, feature, place, cultural landscape, sacred place, and object with cultural value to a California Native American tribe that is either:

1. listed or eligible for listing in the CRHR or a local register of historical resources, or
2. determined by a lead agency to be a TCR.

## 2.6 City of Santee General Plan

Divided into nine elements, the Santee General Plan is a statement of intent by the City as to the future development of the community. This is accomplished through objectives and policies that serve as a long-term policy guide for physical, economic, and environmental growth. The Conservation Element of the Santee General Plan discusses water resources, land resources, archaeological and cultural resources, biological resources, and open space. Section 4.3 of the Conservation Element discusses archaeological, cultural, and historic resources known to be within the City. The goal of the Conservation Element is to conserve open space, natural, and cultural resources. The following objective and policies contained in the Conservation Element of the Santee

- General Plan are relevant to the analysis found in this section:
  - Objective 8.0: Preserve significant cultural resources.
    - Policy 8.1. The City shall require either the preservation of significant historic or prehistoric sites, or the professional retrieval of artifacts prior to the development of a site, consistent with the provisions of the California Environmental Quality Act. Preservation may include various measures including avoidance, preservation in place, incorporation into open space, or covering or capping. The type of preservation would depend upon the nature and significance of the archaeological resource and the practical requirements of the proposed land use.
    - Policy 8.2. The City should require curation of any recovered artifacts as a condition of any cultural resources mitigation program.

## 2.7 Guidelines for Determining Significance

According to CEQA (§15064.5b), a project with an effect that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. CEQA defines a substantial adverse change:

> Substantial adverse change in the significance of an historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired.

The significance of an historical resource is materially impaired when a project:

- Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for inclusion in, the CRHR; or
- Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or
- Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its eligibility for inclusion in the CRHR as determined by a lead agency for purposes of CEQA.

Section 15064.5(c) of CEQA applies to effects on archaeological sites and contains the following additional provisions regarding archaeological sites:

- When a project will impact an archaeological site, a lead agency shall first determine whether the site is an historical resource, as defined in subsection (a).
- If a lead agency determines that the archaeological site is a historical resource, it shall refer to the provisions of Section 21084.1 of the Public Resources Code, and this section, Section 15126.4 of the Guidelines, and the limits contained in Section 21083.2 of the Public Resources Code do not apply.
- If an archaeological site does not meet the criteria defined in subsection (a), but does meet the definition of a unique archaeological resource in Section 21083.2 of the Public Resources Code, the site shall be treated in accordance with the provisions of section 21083.2. The time and cost limitations described in Public Resources Code Section 21083.2 (c–f) do not apply to surveys and site evaluation activities intended to determine whether the project location contains unique archaeological resources.
- If an archaeological resource is neither a unique archaeological nor a historical resource, the effects of the project on those resources shall not be considered a significant effect on the environment. It shall be sufficient that both the resource and the effect on it are noted in the Initial Study or Environmental Impact Report (EIR), if one is prepared to address impacts on other resources, but they need not be considered further in the CEQA process.

Section 15064.5(d) and (e) contain additional provisions regarding human remains. Regarding Native American human remains, paragraph (d) provides:

> When an initial study identifies the existence of, or the probable likelihood of, Native American human remains within the project, a lead agency shall work with the appropriate Native Americans as identified by the Native American Heritage Commission as provided in Public Resources Code SS5097.98. The applicant may develop an agreement for treating or disposing of, with appropriate dignity, the human remains and any items associated with Native American burials with the appropriate Native Americans as identified by the Native American Heritage Commission. Action implementing such an agreement is exempt from:
>
> 1. The general prohibition on disinterring, disturbing, or removing human remains from any location other than a dedicated cemetery (Health and Safety Code Section 7050.5); and
> 2. The requirement of CEQA and the Coastal Act.

Under CEQA, an EIR is required to evaluate any impacts on unique archaeological resources (California Public Resources Code section 21083.2.) A "unique archaeological resource" is defined as:

> [A]n archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:
>
> 1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.
> 2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
> 3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

(California Public Resources Code section 21083.2(g)). An impact to a non-unique archaeological resource is not considered a significant environmental impact and such non-unique resources need not be further addressed in the EIR (Public Resources Code section 21083.2(a); CEQA Guidelines section 15064.5(c)(4)).

As stated above, CEQA contains rules for mitigation of "unique archaeological resources." For example, "[i]f it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of that treatment, in no order of preference, may include, but are not limited to, any of the following:

1. Planning construction to avoid archaeological sites.
2. Deeding archaeological sites into permanent conservation easements.
3. Capping or covering archaeological sites with a layer of soil before building on the sites.
4. Planning parks, greenspace, or other open space to incorporate archaeological sites." (Pub. Resources Code section 21083.2(b)(1)-(4).)

Public Resources Code section 21083.2(d) states that "[e]xcavation as mitigation shall be restricted to those parts of the unique archaeological resource that would be damaged or destroyed by the project. Excavation as mitigation shall not be required for a unique archaeological resource if the lead agency determines that testing or studies

already completed have adequately recovered the scientifically consequential information from and about the resource, if this determination is documented in the environmental impact report."

The rules for mitigating impacts to archaeological resources to qualify as "historic resources" are slightly different. According to CEQA Guidelines section 15126.4(b), "[p]ublic agencies should, whenever feasible, seek to avoid damaging effects on any historic resource of an archaeological nature. The following factors shall be considered and discussed in an EIR for a project involving such an archaeological site:

A. Preservation in place is the preferred manner of mitigating impacts to archaeological sites. Preservation in place maintains the relationship between artifacts and the archaeological context. Preservation may also avoid conflict with religious or cultural values of groups associated with the site.
B. Preservation in place may be accomplished by, but is not limited to, the following:
    1. Planning construction to avoid archaeological sites;
    2. Incorporation of sites within parks, greenspace, or other open space;
    3. Covering the archaeological sites with a layer of chemically stable soil before building tennis courts, parking lots, or similar facilities on the site[; and]
    4. Deeding the site into a permanent conservation easement.

Thus, although section 21083.2 of the Public Resources Code, in addressing "unique archaeological sites," provides for specific mitigation options "in no order of preference," CEQA Guidelines section 15126.4(b), in addressing "historical resources of an archaeological nature," provides that "[p]reservation in place is the preferred manner of mitigating impacts to archaeological sites."

Under CEQA, "[w]hen data recovery through excavation is the only feasible mitigation," the lead agency may cause to be prepared and adopt a "data recovery plan," prior to any excavation being undertaken. The data recovery plan must make "provision for adequately recovering the scientifically consequential information from and about the historic resource." (CEQA Guidelines section 15126.4(b)(3)(C).) The data recovery plan also "must be deposited with the California Historical Resources Regional Information Center." (*Ibid*.) Further, "[i]f an artifact must be removed during project excavation or testing, curation may be an appropriate mitigation." (*Ibid*.)

However, "[d]ata recovery shall not be required for an historical resource if the lead agency determines that testing or studies already completed have adequately recovered the scientifically consequential information from and about the archaeological or historic resource, provided that determination is documented in the EIR and that the studies are deposited with the California Historical Resources Regional Information Center." (CEQA Guidelines Section 15126.4(b)(3)(D).)

# 3 Results

## 3.1 Records Search

Dudek performed a California Historical Resources Information Systems (CHRIS) records search on March 15, 2023, at the South Coastal Information Center (SCIC) located on the campus of California State University, San

Diego. The records search provided information on all documented cultural resources and previous archaeological investigations within the Project area and a one-mile radius of the Project aera.

### 3.1.1 Previous Cultural Resources Reports

The records search results revealed that 82 previous cultural resources studies have been conducted within a one-mile radius of the Project area. Of the 82 previous studies, four studies intersect the Project area and are listed in Table 1 below. These studies consist of a regional archaeological survey, two archaeological resources inventory reports, and an extended phase I and phase II testing and evaluation report. Overall, approximately 10% of the Project area has been subject to previous cultural resources investigations. All intersecting studies have resulted in negative findings within the overlapping portions of the Project area. The results of this records search are attached as part of Confidential Appendix A.

**Table 1. Cultural Resources Studies Intersecting Project Area**

| Report Number | Authors | Date | Title |
|---|---|---|---|
| SD-00546 | Cupples, Sue Ann | 1975 | An Archaeological Survey of the San Diego River Valley |
| SD-05043 | Corum, Joyce | 1985 | First Addendum Archaeological Survey for Proposed State Route 52 Santo Road to State Route 67 (Portion) 11-SD-52 P.M. 7.3/17.2 11222-047050 |
| SD-04934 | Caltrans | 1986 | Extended Phase I and Phase II Archaeological Test Excavations at Sites CA-SDi-205, 5053, 8594, 9242, and 10,148 Santee, California 11-SD-52 P.M. 7.3/17.2 11222-047050 |
| SD-19383 | ASM Affiliates, Inc. | 2016 | Update to the Revised Preliminary Cultural Resources Study to Support the Padre Dam Municipal Water District Master Plan Update Pier, San Diego County, California |

### 3.1.2 Previously Recorded Cultural Resources

The SCIC records search did not identify any cultural resources within the Project area, though it did identify 20 cultural resources within a one-mile radius of the Project area (Table 2). Of the 20 resources identified within the one-mile radius, twelve are prehistoric resources, six are historic resources, and two are multicomponent resources. Additionally, two historic addresses, one with multiple historic structures, were recorded within the one-mile radius of the Project area, but do not intersect it. The results of this records search and all DPR forms are attached as part of Confidential Appendix A.

**Table 2. Previously Recorded Cultural Resources within One-Mile of Project Area**

| Primary Number | Trinomial | Age | Description | In/Out of Project Area |
|---|---|---|---|---|
| P-37-005148 | CA-SDI-005148 | Prehistoric | AP4; Bedrock milling slicks | Out |
| P-37-005669 | CA-SDI-005669 | Prehistoric | AP15; Lithic and groundstone scatter | Out |
| P-37-005827 | CA-SDI-005827 | Prehistoric | AP4; Bedrock milling slick | Out |

**Table 2. Previously Recorded Cultural Resources within One-Mile of Project Area**

| Primary Number | Trinomial | Age | Description | In/Out of Project Area |
|---|---|---|---|---|
| P-37-006936 | CA-SDI-006936 | Prehistoric | AP2; Lithic scatter | Out |
| P-37-006937 | CA-SDI-006937 | Prehistoric | AP12; Quartz quarry | Out |
| P-37-009248 | CA-SDI-009248 | Historic | HP11; Agricultural complex with silos, cement building foundations, and animal troughs | Out |
| P-37-010451 | CA-SDI-010451 | Prehistoric | AP2, AP4; Bedrock milling feature with associated lithic scatter | Out |
| P-37-014840 | - | Prehistoric | Lithic isolate | Out |
| P-37-014841 | - | Prehistoric | Lithic isolate | Out |
| P-37-019056 | CA-SDI-015815 | Historic | AH2, AH5; Hillside Meadows Homestead Complex | Out |
| P-37-019057 | - | Prehistoric | Lithic isolate | Out |
| P-37-020175 | - | Historic | Edgemoor Senior Center | Out |
| P-37-026563 | - | Prehistoric | AP10; Millingstone cache | Out |
| P-37-028466 | - | Prehistoric | Lithic isolate | Out |
| P-37-030482 | CA-SDI-019370 | Prehistoric | AP15; Lithic and groundstone scatter | Out |
| P-37-032655 | CA-SDI-020693 | Historic | AH5; Cistern | Out |
| P-37-032878 | CA-SDI-020778 | Multicomponent | AP15; Prehistoric midden deposit with HR and historic refuse | Out |
| P-37-034298 | - | Historic | HP2; James and Margaret O'Connell Residence and Barn | Out |
| P-37-036592 | CA-SDI-022115 | Historic | AH5; Cistern and refuse scatter | Out |
| P-37-039090 | CA-SDI-022955 | Multicomponent | AH2, AH11, AP4, AP15; Bedrock milling features and Santee School | Out |

## 3.2 Archival Research

In addition to the SCIC records search, Dudek conducted an online review of Bureau of Land Management (BLM) General Land Office Records, historical topographic (topo) maps, and historic aerial photographs to understand the development of the Project area and surrounding properties over time. The Project area was first recorded within Lot No. 37 of The Rancho El Cajon Land Grant in an 1883 original survey for the BLM by William H. Brown (BLM 2023). Historic topo maps of the Project area are available from 1893 to 1996 (USGS 2023). The first historic topo from 1883 shows the Project area within the natural path of the San Diego River. South of the Project area there is an established roadway and railway running roughly parallel to the San Diego River on a northeast to southwest axis. The surrounding areas remain undeveloped. There is little change within the Project area and its immediate surroundings as depicted in the historic topos until 1939. By then, it appears that the San Diego River has been diverted to the north of the Project area. By 1955, an established dirt road is shown running through the center of the Project area on a north to south axis. Although additional development appears to the south, the Project area remains undeveloped. By 1967, the Project area has been developed into a drive-in theatre. The historic topo shows a single structure in the middle of the Project area with an established road leading up to it from Riverford Road

(now Woodside Avenue N.). There are two additional structures to the east of the Project area, and a residential community to the southeast, across State Route 67 (SR 67). Although there is additional development within the surrounding areas over the next 20 years as depicted in the historic topos, the Project area remains unchanged (USGS 2023).

Historic aerial photographs (historic aerials) of the Project area are available from 1953 to 2020 and provide more detail on the historic development of the subject property and surrounding properties through time (NETR 2023). The earliest historic aerial from 1953 shows the Project area as irrigated cropland with an established dirt road running through it on a north to south axis. The San Diego Riverbed lies to the north of the Project area, and there are several structures to the south with frontage on Woodside Avenue N. By 1964, the Project area has been developed into a drive-in theatre and appears to be predominantly a dirt parking lot. There is a single structure in the middle of the Project area and a screen in the northwest corner of the Project area. Additionally, there appears to be a dirt road leading from the front of the Project area out to Woodside Avenue N. The northernmost portion of the project area abutting the San Diego Riverbank remains undeveloped. By 1968, an established pathway appears along the northern boundary of the Project area running parallel to the riverbank, while the remaining Project area remains unchanged. It is not until 1978 that the Project area appears to have been entirely paved over and the parking area has been rearranged to accommodate an additional screen, located opposite the first, in the southeast corner. There also appears to be another structure along the eastern boundary of the Project area. The Project area displays no discernible changes since the 1978 historical aerial photograph (NETR 2023).

## 3.3 Review of Geomorphological Context

According to the U.S. Department of Agriculture Natural Resources Conservation Services (USDA 2023), two soil types are mapped within the Project area. 98% of the Project area consists of Visalia sandy loam, 0 to 2 percent slopes. The Visalia sandy loam soil series generally occurs in settings with alluvial fans deriving from granite bedrock and is found in areas with elevations ranging from 600 to 1,200 feet above sea level. The remainder of the Project area (2%) consists of Riverwash. Riverwash is found along drainageway landforms and is characterized as a sandy, gravelly, or cobbly alluvium typically derived from mixed sources and occurs at elevations between 700 to 2,900 feet above sea level.

## 3.4 NAHC and Tribal Correspondence

Dudek requested a Native American Heritage Commission (NAHC) search of the Sacred Lands File (SLF) for the Project area on March 13, 2023. The SLF consists of a database of known Native American resources. These resources may not be included in the SCIC database. The NAHC SLF results, received March 28, 2023, reported that the Project area is positive for Native American Cultural resources (Appendix B). Additionally, the NAHC provided a list of 20 Native American tribes and individuals/organizations with traditional geographic associations that might have knowledge of cultural resources in the area. Tribal outreach letters were mailed on April 5, 2023, to all Native American group representatives included on the NAHC contact list (Appendix B). These letters attempted to solicit information relating to Native American resources that may be impacted by Project implementation. Native American representatives were requested to define a general area where known resources intersect the Project area. To date, Dudek has received one response to this information request. This response is paraphrased below:

Bernice Paipa of the Sycuan Band of the Kumeyaay Nation Cultural Resource Center and Museum (Sycuan Band) responded on April 13, 2023. Ms. Paipa's response indicated that the Project area is within the boundaries the Sycuan Band considers their Traditional Use Area and is near known locations of Kumeyaay cultural resources. No specific locational information or descriptions were provided. Ms. Paipa requests that a qualified Kumeyaay Cultural Monitor be on site for any surveys, site visits or ground disturbing activities.

Any additional responses to these outreach letters will be forwarded to the City and included in subsequent drafts of the report.

In compliance with Assembly Bill 52, the City, as lead agency, is responsible for conducting government to government consultation with pertinent tribal entities. For information regarding Assembly Bill 52, please refer to the Project's CEQA document.

## 3.5 Intensive Pedestrian Survey

Dudek archaeologist Matthew DeCarlo and Red Tail Environmental Native American Monitor Natasha Eggan conducted a site visit of the proposed Project area on March 31, 2023. The site visit employed standard archaeological procedures and techniques consistent with the Secretary of the Interior Standards. When possible, 15-meter interval survey transects were conducted oriented in cardinal direction. Where the ground surface was visible, the ground surface was examined for prehistoric artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools, ceramics, fire-affected rock), soil discoloration that might indicate the presence of a cultural midden, soil depressions, features indicative of the current or former presence of structures or buildings (e.g., standing exterior walls, post holes, foundations), and historic artifacts (e.g., metal, glass, ceramics, building materials). Ground disturbances such as rodent/reptile burrows, cut banks, and drainages were also visually inspected for exposed subsurface materials.

The Project area is flat and almost completely developed, consisting predominantly of paved parking areas, structures associated with the Santee Drive-In Theatre, and some minor landscaping. Only the northernmost portion of the Project area along the San Diego Riverbank was unpaved. Within the unpaved portion of the Project area, ground visibility was high because the southern bank of the San Diego River had been terraced and is level with minimal vegetation. Modern debris (e.g., refuse, plastic fragments, irrigation pipes, glass fragments) were strewn throughout this northern portion of the Project area. The pedestrian survey did not identify any archaeological resources within the Project area. The Santee Drive-in Theatre and its associated structures were noted as existing within the Project area during the pedestrian survey.

# 4 Summary and Management Considerations

## 4.1 Archaeological Recommendations

Dudek's archaeological resources inventory of the Project indicates that there is moderate potential for the inadvertent discovery of archaeological resources during Project implementation. Although the SCIC records search and the site visit did not identify any archaeological resources within the Project area, there are 20 cultural resources within a one-mile radius of the Project area. Additionally, the NAHC has indicated that known Native American cultural resources are in the vicinity of the Project area. Due to this and the Projects proximity to the bank of the San Diego River, there is an increased potential that Project associated ground disturbance will impact

unanticipated archaeological resources. Dudek recommends full-time archaeological and Native American monitoring during initial ground disturbance for this Project. If disturbed sediments (e.g., fill) or other sediments and formations are identified that do not have the potential to contain archaeological resources, then monitoring may be reduced or terminated.

## 4.2 Mitigation Measures

The following mitigation measures (MM) would reduce the potential for impacts on archaeological resources.

### MM-CUL-1

In order to mitigate impacts to cultural resources to a level that is less than significant, procedures for proper treatment of unanticipated archaeological finds must comply with the California Environmental Quality Act (CEQA) Guidelines. Adherence to the following requirements during initial earth-disturbing activities will assure the proper treatment of unanticipated archaeological or Native American cultural material:

1. An archaeological monitor and a Kumeyaay Native American monitor shall be present full-time during all initial ground-disturbing activities. If proposed project excavation later present evidence suggesting a decrease in cultural sensitivity, the monitoring schedule can be reduced pending archaeological, Native American, and City consultation.
2. In the event that there is an unanticipated discovery of potentially significant archaeological resources, the archaeological monitor, Native American monitor, construction or other personnel shall have the authority to divert or temporarily halt ground disturbance operations within at least 50 feet (dependent on characteristics of the discovery) in the area of the find. Construction activities may continue in other areas but should be redirected a safe distance from the find. The archaeological monitor shall evaluate and minimally document isolates and clearly non-significant deposits in the field. If the discovery is evaluated and found to be significant under CEQA and avoidance is not feasible, additional work such as data recovery may be warranted. A data recovery plan shall be developed by the qualified archaeologist in consultation with the City and Native American representatives, if applicable. Ground disturbance can continue only after the resources has been properly mitigated and with approval by the City.

### MM-CUL-2

In order to mitigate impacts to human remains to a level that is less than significant, procedures for proper treatment of unanticipated discoveries must comply with the California Environmental Quality Act (CEQA) Guidelines. In the event of discovery of unanticipated human remains, personnel shall comply with Public Resources Code Section 5097.98, CEQA Section 15064.5, and Health and Safety Code Section 7050.5 during earth-disturbing activities:

1. If any human remains are discovered, the construction personnel or the appropriate representative shall contact the County Coroner and the City. Upon identification of human remains, no further disturbance shall occur in the area of the find until the County Coroner has made the necessary findings as to origin. If the remains are determined to be of Native American origin, the Most Likely Descendant, as identified by the Native American Heritage Commission, shall be contacted by the property owner or their representative in order to

determine proper treatment and disposition of the remains. The immediate vicinity where the Native American human remains are located is not to be damaged or disturbed by further development activity until consultation with the Most Likely Descendant regarding their recommendations as required by California Public Resources Code Section 5097.98 has been conducted. California Public Resources Code Section 5097.98, CEQA Section 15064.5 and Health & Safety Code Section 7050.5 shall be followed.

Should you have any questions relating to this report and its findings, please do not hesitate to contact me at 760.557.0998 or rbakhtiary@dudek.com.

Respectfully Submitted,



Roshanne Bakhtiary, M.A.
Archaeologist

*Att.:* *Figure 1, Project Location Map*
*Figure 2, Project Area Map*
*Figure 3, Overview of Project area, view facing southeast*
*Figure 4, Northern boundary of Project area, view facing east*
*National Archaeological Database Information*
*Confidential Appendix A, SCIC Records Search Results*
*Appendix B, NAHC Correspondence and Tribal Outreach*
*cc:* *Matthew DeCarlo, Micah Hale, Dudek*

# 5 References

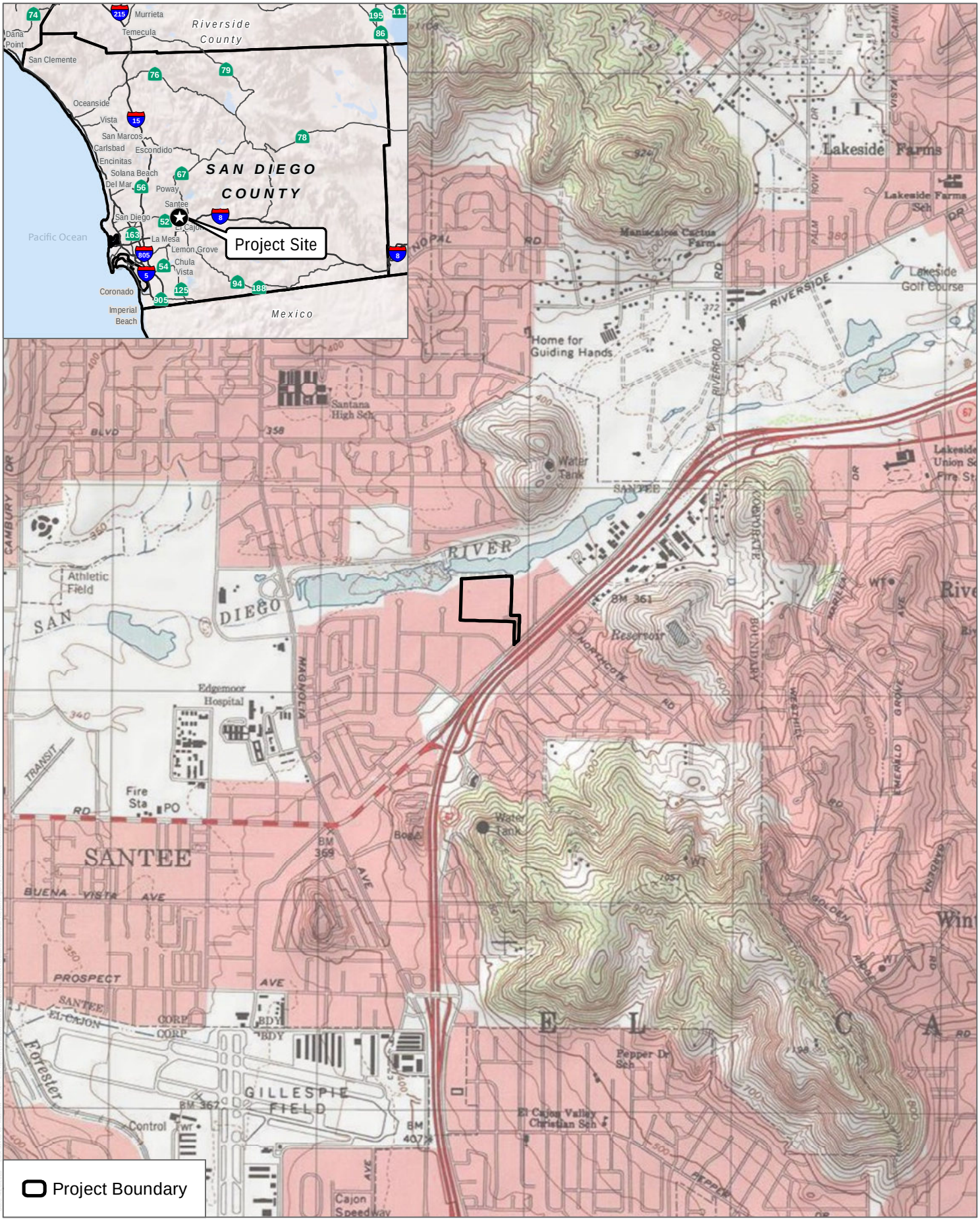
City of Santee General Plan. 2003. Accessed December 12, 2022. https://www.cityofsanteeca.gov/home/showpublisheddocument/7199/636336570186700000

BLM (Bureau of Land Management). 2023. General Land Office Records search for 10990 Woodside Ave N., Santee, CA 92071. Accessed May 5, 2023. https://glorecords.blm.gov/

NETR (National Environmental Title Research). 2023. Address search for 10990 Woodside Ave N., Santee, CA 92071. Accessed May 5, 2023. https://www.historicaerials.com/

USDA (United States Department of Agriculture). 2023. Natural Resources Conservation Service Soil Web Survey. Accessed May 02, 2023. https://websoilsurvey.nrcs.usda.gov/

USGS (United States Geological Survey). 2023. Address search for 10990 Woodside Ave N., City of Santee, California. Accessed May 5, 2023. https://www.historicaerials.com/




SOURCE: USGS 7.5-Minute Series El Cajon Quadrangle
Township 15S; Range 1W; Sections 23, 26.

DUDEK

FIGURE 1

Project Location

Santee Warehouse Project




SOURCE: SANGIS 2019

DUDEK

0 50 100 Feet

FIGURE 2

Project Area

Santee Warehouse Project



**Figure 3.** Overview of Project area, view facing southeast.



**Figure 4.** Northern boundary of Project area, view facing east.

# National Archaeological Database (NADB) Information

| | |
|---|---|
| **Authors:** | Roshanne Bakhtiary, MA, Matthew DeCarlo MA, RPA., Micah Hale PhD, RPA. |
| **Firm:** | Dudek |
| **Project Proponent:** | North Palisade Partners |
| **Report Date:** | December 2023 |
| **Report Title:** | Archaeological Resources Inventory Report for the Palisade Santee Commerce Center Project, City of Santee, California |
| **Type of Study:** | Archaeological Resources Inventory |
| **Resources:** | None |
| **USGS Quads:** | El Cajon, California, Township 15 South, Range 1 West, Section 23 |
| **Acreage:** | 13.66-acres |
| **Permit Numbers:** | N/A |
| **Keywords:** | Inventory, Negative, City of Santee, San Diego River, Santee Drive-In Theater |

# Confidential Appendix A

SCIC Records Search Results

# Appendix B

NAHC Correspondence and Tribal Outreach

From: Matthew DeCarlo

Sent: Monday, March 13, 2023 1:30 PM

To: NAHC@NAHC

Subject:Santee Warehouse Project (PN 15138)

Attachments: Records_Search_Map.pdf; Sacred Lands File Contact Form.pdf

Hello,

May I please request a search of the SLF for the Santee Warehouse Project (PN 15138). Attached is the request sheet and records search map.

Please let me know if any additional information is required.

-Matt

Matthew M. DeCarlo, MA

Archaeologist

605 Third Street, Encinitas, CA 92024

O: 760.479.4831  C: 760.815.7067

www.mdecarlo@dudek.com

# Sacred Lands File & Native American Contacts List Request

**NATIVE AMERICAN HERITAGE COMMISSION**
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95501
(916) 373-3710
(916) 373-5471 – Fax
nahc@nahc.ca.gov

*Information Below is Required for a Sacred Lands File Search*

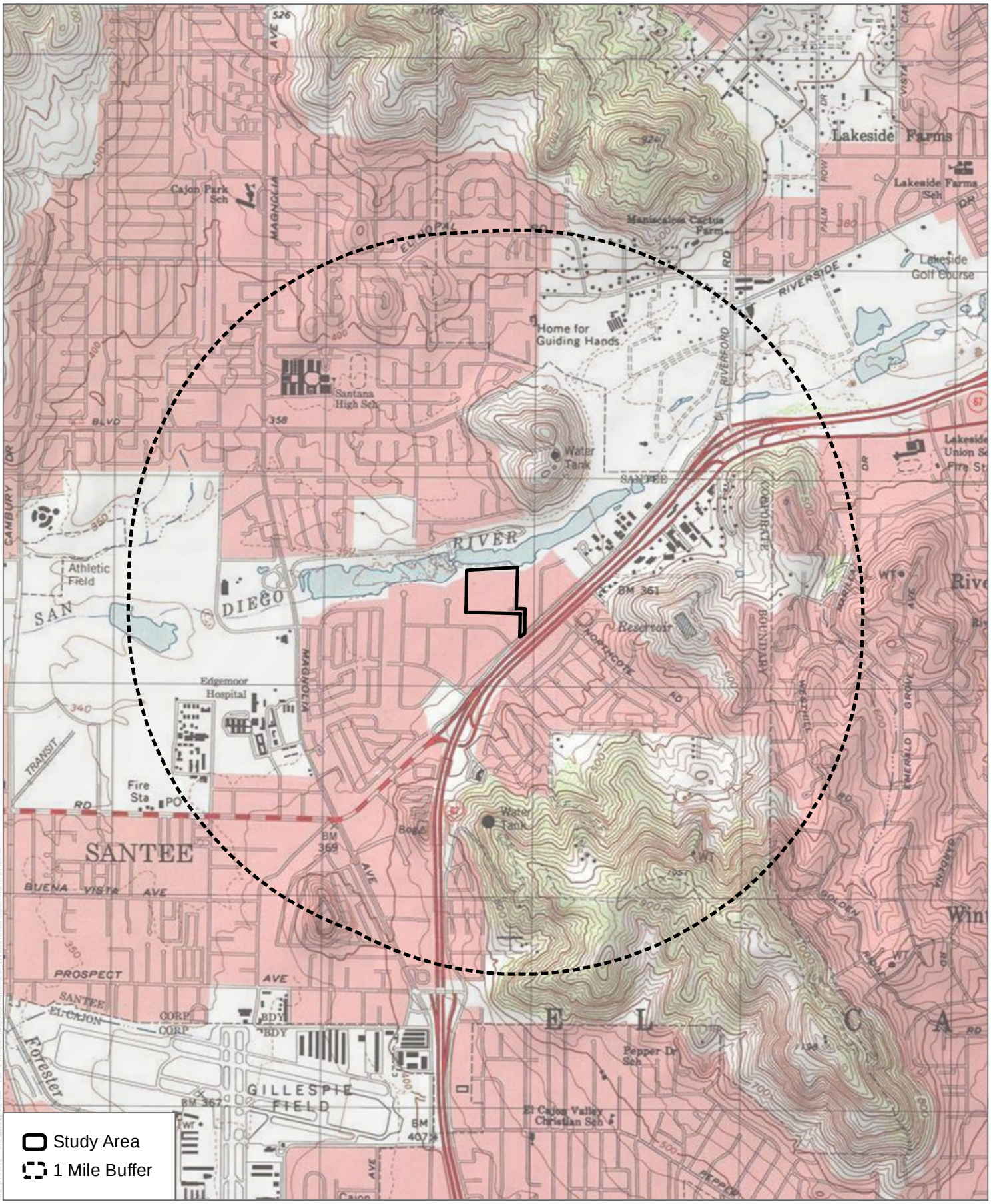
Project: Santee Warehouse Project - Dudek No. 15138
County: Dudek

USGS Quadrangle
Name: El Cajon
Township: 15 S Range: 1W Section(s): Unsectioned

Company/Firm/Agency:
Dudek
Contact Person: Matthew DeCarlo
Street Address: 605 Third Street
City: Encinitas, CA Zip: 92024
Phone: (760) 815-7067 Extension:
Fax: (760) 632-0164
Email: mdecarlo@dudek.com

Project Description:
Redevelopment of an existing drive-in theater into a warehouse.

☑ Project Location Map is attached




SOURCE: USGS 7.5-Minute Series El Cajon Quadrangle
Township 15S; Range 1W; Sections 14, 15, 22, 23, 24, 25, 26, 27

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

# Records Search

Santee Warehouse Project

From: Torres-Fuentes, Pricilla@NAHC <Pricilla.Torres-Fuentes@nahc.ca.gov>

Sent: Tuesday, March 28, 2023 4:16 PM

To: Matthew DeCarlo

Subject: Santee Warehouse - Dudek No. 15138 Project

Attachments: SLF All 2022 Santee Warehouse - Dudek No. 15138 Project 3.28.23.pdf; Santee Warehouse - Dudek No. 15138 list.pdf

Good afternoon,

Attached is the response to the project referenced above. If you have any additional questions, please feel free to contact our office email at nahc@nahc.ca.gov.

Regards,

Pricilla Torres-Fuentes

Native American Heritage Commission

1550 Harbor Blvd. Suite 100

West Sacramento, CA 95691

Pricilla.Torres-Fuentes@nahc.ca.gov

(916)373-3714 Direct

(916)373-3710 Office

# NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
**Laura Miranda**
*Luiseño*

VICE CHAIRPERSON
**Reginald Pagaling**
*Chumash*

SECRETARY
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*Miwok*

COMMISSIONER
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*Ohlone-Costanoan*

COMMISSIONER
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*Yokayo Pomo, Yuki, Nomlaki*

COMMISSIONER
**Wayne Nelson**
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COMMISSIONER
**Stanley Rodriguez**
*Kumeyaay*

COMMISSIONER
**[VAVANT]**

COMMISSIONER
**[VACANT]**

EXECUTIVE SECRETARY
**Raymond C. Hitchcock**
*Miwok/Nisenan*

**NAHC HEADQUARTERS**
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

March 28, 2023

Matthew DeCarlo
Dudek

Via Email to: mdecarlo@dudek.com

**Re: Santee Warehouse - Dudek No. 15138 Project, San Diego County**

Dear Mr. DeCarlo:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were positive. Please contact the tribes on the attached list for more information. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
*Cultural Resources Analyst*

Attachment

**Native American Heritage Commission**
**Native American Contact List**
**San Diego County**
**3/28/2023**

***Barona Group of the Capitan Grande***
Raymond Welch, Chairperson
1095 Barona Road Diegueno
Lakeside, CA, 92040
Phone: (619) 443 - 6612
Fax: (619) 443-0681
counciloffice@barona-nsn.gov

***Campo Band of Diegueno Mission Indians***
Ralph Goff, Chairperson
36190 Church Road, Suite 1 Diegueno
Campo, CA, 91906
Phone: (619) 478 - 9046
Fax: (619) 478-5818
rgoff@campo-nsn.gov

***Ewiiaapaayp Band of Kumeyaay Indians***
Robert Pinto, Chairperson
4054 Willows Road Diegueno
Alpine, CA, 91901
Phone: (619) 368 - 4382
Fax: (619) 445-9126
ceo@ebki-nsn.gov

***Ewiiaapaayp Band of Kumeyaay Indians***
Michael Garcia, Vice Chairperson
4054 Willows Road Diegueno
Alpine, CA, 91901
Phone: (619) 933 - 2200
Fax: (619) 445-9126
michaelg@leaningrock.net

***Iipay Nation of Santa Ysabel***
Clint Linton, Director of Cultural Resources
P.O. Box 507 Diegueno
Santa Ysabel, CA, 92070
Phone: (760) 803 - 5694
clint@redtailenvironmental.com

***Iipay Nation of Santa Ysabel***
Virgil Perez, Chairperson
P.O. Box 130 Diegueno
Santa Ysabel, CA, 92070
Phone: (760) 765 - 0845
Fax: (760) 765-0320

***Inaja-Cosmit Band of Indians***
Rebecca Osuna, Chairperson
2005 S. Escondido Blvd. Diegueno
Escondido, CA, 92025
Phone: (760) 737 - 7628
Fax: (760) 747-8568

***Jamul Indian Village***
Lisa Cumper, Tribal Historic Preservation Officer
P.O. Box 612 Diegueno
Jamul, CA, 91935
Phone: (619) 669 - 4855
lcumper@jiv-nsn.gov

***Jamul Indian Village***
Erica Pinto, Chairperson
P.O. Box 612 Diegueno
Jamul, CA, 91935
Phone: (619) 669 - 4785
Fax: (619) 669-4817
epinto@jiv-nsn.gov

***Kwaaymii Laguna Band of Mission Indians***
Carmen Lucas,
P.O. Box 775 Kwaaymii
Pine Valley, CA, 91962 Diegueno
Phone: (619) 709 - 4207

***La Posta Band of Diegueno Mission Indians***
Gwendolyn Parada, Chairperson
8 Crestwood Road Diegueno
Boulevard, CA, 91905
Phone: (619) 478 - 2113
Fax: (619) 478-2125
LP13boots@aol.com

***La Posta Band of Diegueno Mission Indians***
Javaughn Miller, Tribal Administrator
8 Crestwood Road Diegueno
Boulevard, CA, 91905
Phone: (619) 478 - 2113
Fax: (619) 478-2125
jmiller@LPtribe.net

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Santee Warehouse - Dudek No. 15138 Project, San Diego County.

**Native American Heritage Commission**
**Native American Contact List**
**San Diego County**
**3/28/2023**

***Manzanita Band of Kumeyaay Nation***
Angela Elliott Santos, Chairperson
P.O. Box 1302 Diegueno
Boulevard, CA, 91905
Phone: (619) 766 - 4930
Fax: (619) 766-4957

***Mesa Grande Band of Diegueno Mission Indians***
Michael Linton, Chairperson
P.O Box 270 Diegueno
Santa Ysabel, CA, 92070
Phone: (760) 782 - 3818
Fax: (760) 782-9092
mesagrandeband@msn.com

***San Pasqual Band of Diegueno Mission Indians***
John Flores, Environmental Coordinator
P. O. Box 365 Diegueno
Valley Center, CA, 92082
Phone: (760) 749 - 3200
Fax: (760) 749-3876
johnf@sanpasqualtribe.org

***San Pasqual Band of Diegueno Mission Indians***
Allen Lawson, Chairperson
P.O. Box 365 Diegueno
Valley Center, CA, 92082
Phone: (760) 749 - 3200
Fax: (760) 749-3876
allenl@sanpasqualtribe.org

***Sycuan Band of the Kumeyaay Nation***
Cody Martinez, Chairperson
1 Kwaaypaay Court Kumeyaay
El Cajon, CA, 92019
Phone: (619) 445 - 2613
Fax: (619) 445-1927
ssilva@sycuan-nsn.gov

***Sycuan Band of the Kumeyaay Nation***
Kristie Orosco, Kumeyaay Resource Specialist
1 Kwaaypaay Court Kumeyaay
El Cajon, CA, 92019
Phone: (619) 445 - 6917

***Viejas Band of Kumeyaay Indians***
Ernest Pingleton, Tribal Historic Officer, Resource Management
1 Viejas Grade Road Diegueno
Alpine, CA, 91901
Phone: (619) 659 - 2314
epingleton@viejas-nsn.gov

***Viejas Band of Kumeyaay Indians***
John Christman, Chairperson
1 Viejas Grade Road Diegueno
Alpine, CA, 91901
Phone: (619) 445 - 3810
Fax: (619) 445-5337

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Santee Warehouse - Dudek No. 15138 Project, San Diego County.

DUDEK
MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Mr. John Christman, Chairperson
Viejas Band of Kumeyaay Indians
1 Viejas Grade Rd.
Alpine, CA 91901

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Christman,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

If you have any information or concerns pertaining to such information, please contact me.

Respectfully,

Matthew H. DeCarlo

Matthew DeCarlo, M.A.
Archaeologist
DUDEK
Phone: (760) 815-7067
Email: mdecarlo@dudek.com

DUDEK
MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Ms. Lisa Cumper, THPO
Jamul Indian Village
P.O. Box 612
Jamul, CA 91935

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Cumper,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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Respectfully,

Matthew H. DeCarlo

Matthew DeCarlo, M.A.
Archaeologist
DUDEK
Phone: (760) 815-7067
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MAIN OFFICE
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ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Mr. John Flores, Environmental Coordinator
San Pasqual Band of Diegueno Mission Indians
P.O. Box 365
Valley Center, CA 92082

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Flores,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

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ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Mr. Michael Garcia, Vice Chairperson
Ewiiaapaayp Band of Kumeyaay Indians
4054 Willows Road
Alpine, CA 91901

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Garcia,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

If you have any information or concerns pertaining to such information, please contact me.

Respectfully,

Matthew H. DeCarlo

Matthew DeCarlo, M.A.
Archaeologist
DUDEK
Phone: (760) 815-7067
Email: mdecarlo@dudek.com

DUDEK
MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Mr. Ralph Goff, Chairperson
Campo Band of Diegueno Mission Indians
36190 Church Road, Suite 1
Campo, CA 91906

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Goff,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

If you have any information or concerns pertaining to such information, please contact me.

Respectfully,

Matthew H. DeCarlo

Matthew DeCarlo, M.A.
Archaeologist
DUDEK
Phone: (760) 815-7067
Email: mdecarlo@dudek.com

DUDEK
MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Mr. Allen E. Lawson, Chairperson
San Pasqual Band of Diegueno Mission Indians
P.O. Box 365
Valley Center, CA 92082

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Lawson,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

If you have any information or concerns pertaining to such information, please contact me.

Respectfully,

Matthew H. DeCarlo

Matthew DeCarlo, M.A.
Archaeologist
DUDEK
Phone: (760) 815-7067
Email: mdecarlo@dudek.com

DUDEK
MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Mr. Clint Linton, Director of Cultural Resources
Ipay Nation of Santa Ysabel
P.O. Box 507
Santa Ysabel, CA 92070

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Linton,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

If you have any information or concerns pertaining to such information, please contact me.

Respectfully,

Matthew H. DeCarlo

Matthew DeCarlo, M.A.
Archaeologist
DUDEK
Phone: (760) 815-7067
Email: mdecarlo@dudek.com

DUDEK
MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

March 31, 2023 15138

Mr. Michael Linton, Chairperson
Mesa Grande Band of Dieguneo Mission Indians
P.O. Box 270
Santa Ysabel, CA 92070

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Linton,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Ms. Carmen Lucas,
Kwaaymii Laguna Band of Mission Indians
P.O. Box 775
Pine Valley, CA 91962

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Lucas,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

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March 31, 2023 15138

Mr. Cody Martinez, Chairperson
Sycuan Band of the Kumeyaay Nation
1 Kwaaypaay Court
El Cajon, CA 92019

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Martinez,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Ms. Javaughn Miller, Tribal Administrator
La Posta Band of Diegueno Mission Indians
8 Crestwood Rd.
Boulevard, CA 91905

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Miller,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Ms. Kristie Orosco, Resource Specialist
Sycuan Band of the Kumeyaay Nation
1 Kwaaypaay Court
El Cajon, CA 92019

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Orosco,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Ms. Rebecca Osuna, Chairperson
Inaja-Cosmit Band of Indians
2005 S. Escondido Blvd.
Escondido, CA 92025

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Osuna,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

The Native American Heritage Commission conducted a Sacred Lands file search. The results were negative. I am writing as part of the cultural inventory process in order find out if you, or your tribal community, have any knowledge of cultural resources or places that may be impacted by the proposed project. This letter does not constitute formal government to government consultation pursuant to Assembly Bill 52.

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March 31, 2023 15138

Ms. Gwendolyn Parada, Chairperson
La Posta Band of Diegueno Mission Indians
8 Crestwood Rd.
Boulevard, CA 91905

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Parada,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Mr. Virgil Perez, Chairperson
Iipay Nation of Santa Ysabel
P.O. Box 130
Santa Ysabel, CA 92070

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Perez,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Mr. Ernest Pingleton, Tribal Historic Officer
Viejas Band of Kumeyaay Indians
1 Viejas Grade Rd.
Alpine, CA 91901

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Pingleton,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Mr. Robert Pinto, Chairperson
Ewiaapaayp Band of Kumeyaay Indians
4054 Willow Rd.
Alpine, CA 91901

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Pinto,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Ms. Erica Pinto, Chairperson
Jamul Indian Village
P.O. Box 612
Jamul, CA 91935

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Pinto,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Ms. Angela Elliott Santos, Chairperson
Manzanita Band of Kumeyaay Nation
P.O. Box 1302
Boulevard, CA 91905

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Ms. Santos,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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March 31, 2023 15138

Mr. Raymond Welch, Chairperson
Barona Group of the Capitan Grande
1095 Barona Road
Lakeside, CA 92040

Subject: Information Request for the Santee Warehouse Project in the City of Santee, CA, San Diego County, California

Dear Mr. Welch,

A private developer proposes the development of a currently paved lot into a warehouse in the City of Santee, CA. The area falls within unsectioned land of Township 15S/ Range 1W of the El Cajon, CA 1:24,000 USGS maps (Figure 1).

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Matthew H. DeCarlo

Matthew DeCarlo, M.A.
Archaeologist
DUDEK
Phone: (760) 815-7067
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April 13, 2023

Matthew DeCarlo, M.A., Archaeologist
DUDEK
Mdecarlo@dudek.com

RE: Santee Warehouse Project in the City of Santee, Ca San Diego County

Dear Matthew De Carlo,

The Sycuan Band of the Kumeyaay Nation cultural Resource Center and Museum has reviewed your request for information in regards to Santee Warehouse Project in the City of Santee, CA; San Diego County. This letter constitutes our response on behalf of Sycuan Tribal Chairman Cody Martinez.

We have consulted our maps and determined the project described is not within the boundaries of the recognized Sycuan Indian Reservation. However, The Kumeyaay Nation is recognized by Feral statutes under the 9th District courts and by State of California joint assembly resolution, RJR-60 Kumeyaay (Goldberg), which outlines boundaries of the Kumeyaay Nation.

We have determined it is within the boundaries of the territory Sycuan considers its Traditional Use Area (TUA). Santee and map you provided is located in the territory identified as Kumeyaay, and is near know locations of Kumeyaay Cultural resources. If there are surveys, site visits or ground disturbances of any sort planned, Sycuan asserts a qualified Kumeyaay Monitor be present.

In all cases, when the Native American Heritage Commission states "there are no records of sacred sites in the project area" the NAHC will always refer lead agencies to the respective Native American Tribe because the a NAHC is only aware of general information and are not the experts on each California Tribe. Please note, if they haven't been listed with the NAHC, it doesn't mean they are not there.

We urge you to contact the other respective Kumeyaay Bands of this area if you have not done so already. (i.e. Barona, Viejas, San Pasqual) Given their closer proximity to the area they may have knowledge of sensitive cultural resources and or sites that have not been made public. While the project may be located in an area that has been previously disturbed or developed, numerous examples can be shared to show there still is a possibility unknown, yet significant cultural resources will be encountered during ground disturbance activities.

*Please note the Sycuan Cultural Resource Center and Museum has had some recent department restructuring and along with Tribal Chairman Martinez, the person of contact for these future matters will include:

Sycuan Cultural Resource Center & Museum
Charlene Elliott, Director
910 Willow Glen Drive
El Cajon, CA 92019

cworrell@sycuan-sns.gov
619-445-6917 Ext. 102

and

Bernice Paipa, Culture Resource Specialist
910 Willow Glen Drive
El Cajon, CA 92019
bpaipa2@sycuan-nsn.gov
619-445-6917 Ext. 105

All information can be mailed or emailed to us directly.

Sincerely,

Bernice Paipa

Bernice Paipa
Cultural Resource Specialist

# Appendix F
Historical Assessment

March 2025

***HISTORICAL ASSESSMENT***
***OF THE***
***10990 NORTH WOODSIDE AVENUE PROPERTY***
***SANTEE, CALIFORNIA 92071***

## Executive Summary

This Historical Assessment was prepared at the request of North Palisade Partners in order to determine the potential historical significance of a former drive-in theatre/motion picture (film) complex, previously known as the "Santee Drive-In Theatre," (the "Former Drive-In Theatre") located at 10990 North Woodside Avenue in the City of Santee, California (the "Property"), according to National Register of Historic Places and California Register of Historical Resources designation criteria. The study was prepared in order to determine the potential significance of the Property in conjunction with environmental review of the "Palisade Santee Commerce Center Project" ("Project") under the California Environmental Quality Act ("CEQA"). The Former Drive-In Theatre has ceased operations.

The Former Drive-In Theatre on the Property consists of eight (8) main components: two (2) drive-in motion picture screens (Screen #1 and Screen #2); one (1) Concessions Building; two (2) parking lots (one for each movie screen); two (2) Ticket Booths; and one (1) Entrance Sign. The site was originally developed in 1962 with the construction of the Entrance Sign, Concessions Building, Screen #1 and parking lot. It was later expanded c.1976 with the construction of Screen #2 and parking lot, the Ticket Booths, and ancillary storage sheds. The identities of the architects, designers, and/or builders responsible for the construction of the structures are not known. Sometime between 1964-1967, the Property became used once a week, during the day, as the "Santee Swap Meet." Over the years, the Property has not been substantially modified and/or altered from that of its original design/construction, but it has naturally deteriorated over time. Today, the site functions as an open, surface parking lot.

Despite its unremarkable and undistinguished appearance, and the fact that the site no longer functions as a drive-in theatre, historical research indicates that the Former Drive-in Theatre on the Property could be architecturally significant under National Register of Historic Places Criterion C (Design/Construction) and California Register of Historical Resources Criterion 3 (Design/Construction) for its type, period, and method of 1960s-1970s drive-in movie theatre construction. As one of only two remaining drive-in movie theatres in San Diego County which displays character-defining features associated with drive-in movie theatre architecture, this Historical Assessment conservatively determines that the Former Drive-in Theatre on the Property is eligible for listing on the National Register of Historic Places and California Register of Historical Resources at the local level of significance.

Accordingly, the Former Drive-in Theatre on the Property is conservatively assumed to be a historical resource under CEQA, and therefore, mitigation measures have been

recommended, including Historic American Building Survey (HABS) documentation; an interpretative historic display; relocation and rehabilitation of the Entrance Sign as specified below, and funding for local historical preservation efforts. Although these measures have been proposed to preserve the history and architectural significance of the Former Drive-In Theatre, they will not mitigate the Project impact of demolition to a less-than-significant level under CEQA.

The conservative assumptions and determinations made in this Historical Assessment are made in the interest of a conservative CEQA analysis of the proposed demolition of the Former Drive-In Theatre on the Property as part of the Project. Other recent CEQA determinations involving the demolition of other drive-in theatres in the State of California have concluded that those drive-in theatres are not historical resources under CEQA. For example, the Hi-Way Drive-In Theatre in the City of Santa Maria, the Mission Drive-In Theatre in the City of Montclair, and the Mission Drive-In Theatre (later renamed the Valley Drive-In Theatre) in the City of Oceanside, all of which were built in the 1950s or 1960s, were all deemed to be ineligible for historic designation at the local, state and national levels.[1]

## Introduction

### Report Organization

This Historical Assessment was prepared in order to determine the potential historical and/or architectural significance of the Former Drive-In Theatre on the Property. The Former Drive-In Theatre on the Property was constructed between 1962-1976, and therefore, it is between 48-62 years of age. Sometime between 1964-1967, the site became used as the "Santee Swap Meet." Since structures that are at least 45 years of age may be considered potential historical resources under CEQA, the Former Drive-In Theatre on the Property was researched and evaluated as a potential historical resource in accordance with National Register of Historic Places (national) criteria California Register of Historical Resources (state) criteria by Scott A. Moomjian, Esq., Historic Property Consultant, from May 2023-January 2024.

This Historical Assessment includes a Title Page; Table of Contents; Executive Summary; Introduction (Report Organization; Project Area; Project Personnel); Project Setting (Physical Project Setting; Project Area and Vicinity; Historical Overview of the Santee community; Property History; and Drive-In Movie Theatres); Methods and Results (Archival Research; Field Survey; and Description Of Surveyed Resources with current photographs); Significance Evaluation; Findings and Conclusions; Bibliography; and Appendices. The Appendices consist of Photographs; San Diego County Commercial-Industrial Building Records; Regional Site Location Map; Project Site Location Map; Aerial Map with Identified Structures/Objects; California Department of Parks & Recreation (DPR) Inventory Forms; and Report Preparer Qualifications (Resume).

[1] See the City of Santa Maria Environmental Checklist/Initial Study for the Peoples Self Help Residential Project dated August 2021; the City of Montclair Draft Environmental Impact Report for the Mission Boulevard and Ramona Avenue Business Park Project dated January 2022; and the City of Oceanside Final Supplemental Environmental Impact Report for the Ocean Kamp Project dated July 2022.

Project Area

The Property is located in the City of Santee, California. It is defined as Assessor's Parcel Number 381-070-52-00. The Property consists of a 13.43-acre lot and contains the Former Drive-In Theatre which was originally built in 1962 and expanded in 1976. The site largely consists of eight (8) main components: two (2) drive-in motion picture screens (Screen #1 and Screen #2); one (1) Concessions Building; two (2) parking lots (one for each movie screen); two (2) Ticket Booths; and one (1) Entrance Sign.

The motion picture screens, and parking lots, are located along the northwest and southeast property elevations; the Concessions Building is located toward the center of the property, the Ticket Booths are located along the east elevation of the parcel, and the Entrance Sign is located toward the southeast elevation. Today, the site serves as an open, surface parking lot.

The Property is located in a built, suburban environment along North Woodside Avenue. It is bounded by the San Diego River to the north, the former drive-in driveway to the east and west, and by Wheatlands Avenue to the west. The area in and around the Property includes industrial uses, while residential development exists just north of the San Diego River. State Route (SR) 67 is also located south of the Property.

The surrounding neighborhood was largely developed beginning around the 1960s. Such development has continued to the present day. The original neighborhood setting in and around the Property generally consisted of open, undeveloped land, as well some with agricultural uses. Over the years, the surrounding area has experienced substantial change, particularly with the construction of newer and larger residential development, as well as the remodeling of existing buildings. Commercial and industrial uses have also proliferated throughout the area. Overall, architectural styles in and around the Property are generally Modern and/or Contemporary, expressed in a vernacular or utilitarian nature.

Project Personnel

Project personnel included Scott A. Moomjian, Esq., Historic Property Consultant, who conducted the field survey, archival research, and prepared the final report with its findings and conclusions.

## Project Setting

Physical Project Setting

The Property is located in the City of Santee, California. The physical setting largely developed beginning around the 1960s. Such development has continued to the present day. The original neighborhood setting in and around the Property generally consisted of open, undeveloped land, as well some with agricultural uses. Over the years, the surrounding area has experienced substantial change, particularly with the construction of

newer and larger residential development, as well as the remodeling of existing buildings. Commercial and industrial uses have also proliferated throughout the area. Overall, architectural styles in and around the Property are generally Modern and/or Contemporary, expressed in a vernacular or utilitarian nature.

Project Area and Vicinity

The overall area in and around the Property is residential, commercial, and industrial and consists of a variety of different single and multi-story buildings. The original neighborhood area in and around the Property generally consisted of open, undeveloped land, as well some with agricultural uses. Over the years, the surrounding area has experienced substantial change, particularly with the construction of newer and larger residential development, as well as the remodeling of existing buildings. Commercial and industrial uses have also proliferated throughout the area. Overall, architectural styles in and around the Property are generally Modern and/or Contemporary, expressed in a vernacular or utilitarian nature.

Study Area

The study area for the Project is the geographic area within which the Project may directly or indirectly cause changes to the character of a historic resource, which has been limited to the Property. Considerations used to justify the delineation of the study area include the following: (1) The area of direct physical effect, including ground disturbing activities, would be limited to construction activities within the Property; (2) Nearby properties do not appear to have been previously evaluated for historic significance and would not be affected by any of the proposed construction activities on the Property; and (3) There are no reasonably foreseeable Project activities that would occur later in time or that would be farther removed in distance that could indirectly affect historic resources.

History of Santee

The City of Santee is located in eastern San Diego County. The area was called several different names before it became known as “Santee” in 1893. Originally, the land was inhabited by the Kumeyaay tribe of Native Americans who resided on the banks of the San Diego River in the village of “Sinyeweche” (the present-day area of “Santee”). The Kumeyaay dominated the land until the arrival of the Spanish in 1779. At the direction of Father Junipero Serra, the Kumeyaay constructed the Old Mission Dam for the nearby Mission de Alcala. During this period, the land was divided among the Spanish soldiers as payment for their services, and the Native Americans were gathered to live at the Mission. In 1822, the Mission system was disbanded by the Mexican government and during the 1840s, American settlers arrived in California.

In 1870, George A. Cowles migrated to California from Florida. In 1877, he purchased 4,000 acres of land in the Santee area, in which he planted vineyards, pomegranate and magnolia trees. At this time, the Cuyamaca Railroad ran through the area and the local

station became known as "Cowles Station" due to its proximity to the vineyard and orchards owned by Cowles. The surrounding area soon became known as "Cowleston." After the death of George Cowles death in 1887, his wife, Jennie, married realtor and surveyor, Milton Santee. Several years later, Jennie Cowles Santee named the early post office "Santee," and by 1893, the town name was changed to Santee. Similarly, the Cowles School, established in 1891, and the Cowles School District subsequently changed their names to Santee as well.

In 1885, Hosmer P. McKoon purchased 9,543 acres of land in the Santee area for his "Fanita Ranch" (named after his wife, Fannie). However, over the next few years McKoon sold segments of the ranch to new arrivals, including 7,000 acres to the Scripps family in 1898. The Scripps used the ranch to raise cattle and built a country resort for their family. Like much of the rest of San Diego County during this period, Santee's economy was based in agriculture and ranching. Farms, such as the Edgemoor Stock Farm (established in 1908), drove the local economy and contributed to the city's rural identity. In 1914, the opening of the Panama Canal resulted in an increase in shipping ports in San Diego County that led to more growth in the surrounding areas. However, little growth came to San Diego during the early twentieth century.

In 1941, the United States' entry into the Second World War increased military activity on the West Coast and brought new development to Santee during the 1940s. The federal government used 2,300 acres of the Fanita Ranch as military training grounds, and the Marine Corps Base, Camp Pendleton, was established north of Santee. The wartime demand for manufacturing transformed San Diego County's industry and it became home to various aircraft and ship manufacturing as well as military training.

During the mid-twentieth century, Santee's economy increased, and the city became home to a variety of industries. After the war, Santee's agricultural industry had significantly decreased, and it began to suburbanize. Residential development in the area was built for military and worker housing during World War II, and the population rapidly increased. In 1967, the Las Colinas Detention Facility opened as a juvenile facility, and in 1979, it was converted to an adult women's institution to serve as the primary facility for women prisoners in San Diego County. The establishment of the detention center introduced employment opportunities in the local area and served as a catalyst for further population growth. Such rapid growth created concern about the character of the community, so Santee residents created the San Diego County Santee Citizen's Planning Committee. The committee was officially recognized by the San Diego County Board of Supervisors in December 1968, and it has continued to serve as a local land-use and planning advisory board to the county planning commission and the Board of Supervisors. In 1974, the Committee secured approval of the Santee Community Plan which acted as the area's General Plan until the Santee General Plan was adopted in 1984. In 1980, the citizens of Santee voted to incorporate in order to gain local control over the development of their city, and the creation of the General Plan was their first goal.

Santee's rapid population increase resulted in the need for more recreation and entertainment services. In 1974, two regional parks were established in the city-- Mission

Trails Regional Park and Santee Lakes Regional Park. Additionally, more commercial development and entertainment venues followed. During the late twenty-first century, much of Santee's economy has focused upon the hospitality and entertainment sectors, as well as health care assistance, retail trade, and educational services. Since the 1980s, the City has continued to grow, reaching a population of approximately 54,000 residents in 2020. Since this time, Santee has worked toward protecting and enhancing the San Diego River, expanded its park system, and boasts major commercial centers.

Property History

Historical research indicates that the property on which the Former Drive-In Theatre is today located was acquired by partners John Elliot Forte and Walt Long in 1958. Inspection of a 1953 historic aerial photograph of the property indicates that it was originally part of a larger agricultural area. Forte and Long labored on the construction of the drive-in for approximately four years before its grand opening on September 26, 1962. The identities of the designer, architect, and/or builder could not be ascertained. The facility was advertised as "California's Newest, Most Modern Drive-In Theatre" with an opening night that featured a sky diving exhibition before a screening of "The Horizontal Lieutenant" with Jim Hutton, Paula Prentiss, and Jack Carter, and "Ride The High Country" with Randolph Scott and Joel McCrea. Sometime between 1964-1967, the drive-in site also operated as the "Santee Swap Meet," once a week (on Sunday) during the day. In addition, during the mid-1970s, the Property became the subject of controversy by showing X-rated films to the public.

Inspection of a 1964 historic aerial photograph depicts the Property as a developed site with an unpaved driveway leading north from Woodside Avenue, then jogging west toward an unpaved, rectangular parking lot. A parking lot with semi-circular rows of sloped parking spaces and mounted speakers, and Screen #1, is visible at the northwest corner of the property. Similarly, the Entrance Sign is visible along the driveway, and a rectangular-shaped building, the Concessions Building, is visible at the center of the property. By 1966, no discernable changes are visible to the site. From 1966 onward, the Property and the surrounding area display no ascertainable changes until 1971.

In 1971, the southeastern half of the Property and the driveway leading from North Woodside Avenue appear to have been paved with sloping parking spots arranged in semi-circular rows, while the northwestern half of the property remained unpaved. By 1978, the Property had been entirely paved and the parking orientation divided and rearranged to accommodate the addition of Screen #2 at the southwestern corner of the Property. Parking for each screen was oriented in semi-circular rows of sloping parking spaces facing the direction of each respective screen. Fencing around the southwest side of the Property had delineated the parking lots for each of the screens. In addition, the Property included an addition to the northern portion of the site, and a driveway with two ticket booths had been constructed along the east boundary of the parcel. The driveway and ticket booths support a new entry orientation, turning the previous entrance into an exit. Historic aerial photographs from 1978 onward indicate that the Property had not experienced any substantial modifications or alterations.

Between 1962-2020, Forte and Long owned the Property, although Long and his son, Mike, managed the drive-in together. In 2020, the Long family retired, and management of the Property was subsequently taken over by the Forte family. The Former Drive-In Theatre on the Property continued under the operation of the Forte family until it closed on December 31, 2023. Historical research was unable to identify any further information related to the Long and Forte families.

History of Drive-In Theaters

Roadside commercial and entertainment properties emerged as major, landscape-altering trends in the twentieth century in California and throughout the United States. As automobiles and driving became integrated with American life in 1910 and the 1930s, new commercial property types emerged to cater specifically to automobile users. These included motel and motor courts, drive-through markets, restaurants, fast-food stands, strip malls, automobile-oriented signage, and gas stations, among others. Eventually, entertainment property types also adapted to the automobile user. Because automobile users could travel outside the urban center, entertainment businesses could feasibly set up larger properties in remote, suburban locations that could be accessed from the highways. Such properties included miniature golf courses, restaurants, and the drive-in movie theater.

While there were outdoor showings of motion pictures since at least the 1910s, the idea for the drive-in movie theatre was developed by Richard M. Hollingshead, Jr. of New Jersey during the early 1930s. During the Great Depression, people were reluctant to part with their automobiles, and movies kept them entertained. Hollingshead combined the two and opened the first drive-in movie theater in Camden, New Jersey in 1933. He also obtained a patent for his idea in May 1933, which is consistent with drive-in theaters through the present-day: a location in a field; proximity to a highway; a screen facing the field, shielded by a wind-resistant screen-housing structure; a series of inclined ramps for automobile parking, arranged in row radiating out in a semi-circle around the screen; and a projection booth. The drive-in theater trend immediately spread. The second drive-in, Shankweiler's opened in Orefields, Pennsylvania in 1934 as did the Pacific Drive-In (later the Pico Drive-In), which was the first drive-in movie theater to open in Los Angeles. There was some initial backlash by owners of indoor theaters, but most opposition had been cleared by the Second World War.

Drive-in theater popularity grew after World War II due to many factors. Veterans returning from the war were relocating to the suburbs and having families. Drive-in theaters were popular with families that had children because of the freedom within a private car and isolation from other patrons (a crying baby would not disturb an entire audience). In addition, technology improved in the late 1940s at drive-in theaters with the advent of in-car speakers. During the 1950s, Cinemascope screens were invented, which allowed for wide-screen film viewing. As a result, drive-in theaters became immensely popular from 1946 through the late 1950s. In 1940, just over 50 drive-in theatres operated, and by 1950, over 1,700 were in existence throughout the country.

Drive-in theater business models also added amenities to appear more child-friendly, including adding playground equipment, swimming pools, diaper and baby bottle services, and on-site entertainment and attractions such as miniature golf courses and petting zoos. In 1958, the number of drive-in theaters peaked at 4,063. This year also marked the peak in both attendance and in annual new construction. However, by the late 1960s, drive-in theater construction was in decline. This was caused by several factors, including limitations presented by seasonal operation, increased home television ownership, and suburban sprawl. Most drive-ins were initially located in rural areas away from city lights and pressures to develop. However, as suburban sprawl moved into spaces on the margins of cities, drive-ins were seen as an inefficient use of space. During the 1970s and 1980s, many drive-in theaters closed. Those that remained through the 1980s and 1990s had to complete with the "multiplexes," which were theaters that hosted multiple screens, rather than being limited to one or two indoor auditoriums. While many drive-in movie theaters were divided into two or four screens, they could not compete with the 18 and 24-screen multiplexes of the 1990s. Further, the development of the VCR system made it more appealing to stay at home and watch movies without paying for a film in the drive-in. To make up for lost revenue, drive-ins began losing their family-friendly atmosphere by showing exploitation films like slasher horrors as well as adult content. The decline was also attributable to more economically viable use of drive-in theater land.

Today, there are over 300 drive-in theatres still in operation across the United States. The states of Ohio, New York, and Pennsylvania have the most drive-ins (with each state having approximately 30 left). By contrast, Hawaii, North Dakota, Wyoming, Alaska, Delaware, and Louisiana no longer have any that are still in business.

Historical research indicates that, at its height, San Diego County was once home to over fifteen (15) drive-in theatres, of which most began operations during the mid-to-late 1950s. By 1986, several drive-in theatres had closed, including the "Alvarado" on El Cajon Boulevard, the "Big Sky" in Chula Vista, the "Del Mar" off Interstate 5, and the "Pacific" at Balboa and Mission Bay Drive, due to the popularity of direct-to-television (cable) viewing, the availability of large, in-home television display systems, and the value of large plots of land and their redevelopment potential. In later years, other drive-in theatres closed, such as the "Ace" in Lemon Grove at Broadway and Imperial (1986); the "Aero" in El Cajon (1999); the "Harbor" in National City (2003); and the "Mission" (later known as the "Valley") in Oceanside (c.2016/2020).

Within San Diego County, in addition to the Property, one drive-in still exists and operates as the "South Bay Drive-In" located at 2170 Coronado Boulevard, San Diego. Opened in 1958, this is San Diego's last remaining operating drive-in. The site has three screens and also functions as a swap meet.

Historical research indicates that character-defining features of drive-in movie theater property types include those features inside the property and on the perimeter of the property (much like a traditional indoor auditorium theater). Such features include sloped semi-circular parking spaces arranged in rows; screen towers with wind-resistant framing;

a centrally located clubhouse or concession stand which featured refreshments and restrooms; a projection tower (which may or may not be located atop the clubhouse or concession stand); and mounted speakers at individual parking spaces or around the lot. Perimeter features include ticket booths; long entrance driveways to reduce automobile traffic; oversized, double-sided, often pole-mounted marquee sign (intended to be read from passing cars); theater name signs (which may be themed, or neon lit); and fencing or landscaping as visual barrier from the street.

## Methods and Results

### Archival Research

The archival research for this Historical Assessment included, but was not necessarily limited to, obtaining the Commercial-Industrial Building Records from the San Diego County Assessor's/Recorder's Office; building permit application research at the City of Santee building records department; Sanborn Fire Insurance Maps, vertical files, and the *San Diego Union* index and newspaper articles at the San Diego Public Library, California Room; the San Diego History Center archives and photographic collection; and photographic collection; local, state, and federal inventories/surveys/database material; personal research/archival material in possession of Scott A. Moomjian, Esq.; standard and authoritative sources related to local history, architecture, and building development information; online information/documentation related to the history of drive-in theatres, and drive-in theatres throughout the San Diego County region; and online newspaper articles and historic aerial photographs.

### Field Survey

The field survey work was conducted by Scott A. Moomjian, Esq. on June 21, 2023. An intensive inspection of the Property, including all the exterior areas, as well as the surrounding neighborhood, were undertaken during this time. The Property was recorded on the appropriate DPR 523 forms according to instructions and publications produced by the California Office of Historic Preservation (See Attachment D).

### Description of Surveyed Resources

The Property consists of Modern Contemporary style, former drive-in theatre/motion picture (film) complex with undistinguished and unremarkable physical characteristics. Today, the Property functions as an open, surface parking lot. Located on an irregularly shaped parcel, the Property was originally developed in 1962 with subsequent additions built during the mid-1970s. When originally developed, the Property was unpaved and contained an Entrance Sign at the driveway entrance, Screen #1, and the Concessions Building located toward the center of the site. In addition, semi-circular rows of sloped parking spaces were arranged around the front-facing (southeast) side of Screen #1 and around the Concessions Building. Sometime between 1964-1967, the Property became used once a week, during the day, as the "Santee Swap Meet."

During the mid-1970s, Screen #2 was added at the southeast corner of the Property and the parking lot was divided into two separate parking lots arranged in semi- circular rows with sloped parking spaces for each screen. In addition, the Property was paved with asphalt, there was an addition of a driveway with two ticket booths along the eastern and northern boundaries of the Property, as well as two ancillary supply sheds, and corrugated metal fencing which separated the two parking lots for each of the screens. Landscaping includes shrubbery and rows of trees along the north and south boundaries of the Property.

Entrance Sign (1962)

Built in 1962, the Entrance Sign is located on the west side of the Property's driveway entrance. Of metal and wood construction, the sign has neon tubing outlining the word "Santee," with a star on atop the sign. The sign also includes a wood letterboard for movie showings. Access to the letterboard is made by a wooden platform encased by a low, wire fence at the base of the letterboard. Modifications to the Entrance Sign over the years include replacement of the neon (date unknown), and the addition of "Swap Meet" signage (date unknown). The Entrance Sign remained in use until the Former Drive-In Theatre ceased operation. The sign remains in place, however, overall, the sign appears to be in poor condition.

Concessions Building (1962)

Built in 1962, the Concessions Building is located at the center of the Property between the parking areas for Screen #1 and Screen #2. Designed in an unremarkable Modern Contemporary style, the building is utilitarian in nature and irregular in shape. It is one and one-half stories in height, with a flat roof with minimal eave overhang. The exterior consists of smooth stucco. Restrooms are located on the southeastern half of the building with concessions located in the northwestern half. A projection room sits atop the second story. The structure has single-panel wood doors at the northeast and southwest elevations. These doors provide access to the first story accommodations, with projecting stucco walls obscuring the restroom entrances. In addition, a wood staircase along the northwest (rear) elevation provides access to a single-panel wood door on the second story landing. Fenestration is irregular in shape and includes aluminum sliding windows on northeast, southwest, northwest, and southeast (primary) elevations of the second story. Two square projection windows with metal coverings are visible on the northwest and southeast second story elevations. Modifications to the building over the years include the addition of an air conditioning unit along the northeast and southwest elevations (date unknown); the addition of roof floodlights (date unknown); the addition of signage (date unknown); the addition of a security screen on the northwest (rear) elevation window (date unknown); and the addition of a projection window on the southeast second-story elevation (c.1976). Overall, the structure appears to be in fair condition.

Screen #1 and Parking Lot (1962)

Screen #1 is located at the northwestern property boundary of the property and was constructed in 1962. It is made of corrugated metal with a metal framing and metal

supports along the bottom. The southeast (front) side of the screen is painted white with a strip of black along the bottom where the metal supports are located. The parking for the screen is paved with asphalt and features sloped parking spaces arranged in semi-circular rows around the southeast (front) side. The paving for this area occurred c.1976. Overall, this structure appears to be in fair condition.

Screen #2 and Parking Lot (c.1976)

Screen #2 is located at the southeastern property boundary corner of the property and was constructed c.1976. It is made of corrugated metal with a metal framing and metal supports along the bottom. The northwest (front) side of the screen is painted white with a strip of black along the bottom where the metal supports are located. The parking for the screen is paved with asphalt and features sloped parking spaces arranged in semi-circular rows around the northwest (front) side. A corrugated metal fence encases the parking lot for Screen #2 as well as two ancillary sheds which are located southwest of the Concession Building. Overall, this structure appears to be in fair condition.

Ticket Booths (c.1976)

Two ticket booths, built c.1976, are located along the eastern property boundary at the end of the main driveway. The ticket booths are rectangular in shape with flat roofs and slight eave overhang. Built of corrugated metal with corrugated plastic signs atop each of their south elevations, they have partially glazed doors with aluminum sliding windows at their east and west elevations. Fenestration is grouped and includes aluminum casement windows on each of their south, east, and west elevations. Modifications to the structures over the years include the addition of signage on their south (main) elevations (dates unknown). Overall, the structures appear to be in fair condition.

Ancillary Storage Sheds (c.1976)

Two ancillary storage sheds are located west of the Concessions Building. Historic aerial photographs indicate that they were added onsite c.1976. The sheds are aligned with the placement of the fencing to further enclose the parking lot for Screen #2. Overall, the structures appear to be in fair condition.

## Significance Evaluation

Application of Local Register (Santee) Significance Criteria

The City of Santee does not maintain a local register of historic resources. As a result, the Property was not evaluated under local significance criteria. Nevertheless, the City of Santee General Plan serves to guide the City's future development. This is accomplished through objectives and policies that serve as a long-term guide for physical, economic, and environmental growth. The Conservation Element of the Santee General Plan addresses water resources, land resources, archaeological and cultural resources, biological resources, and open space. Section 4.3 of the Conservation Element discusses

archaeological, cultural, and historic resources known to be within the City, and does not include the Former Drive-In Theatre on the Property. The goal of the Conservation Element is to conserve open space, natural, and cultural resources.

According to Conservation Element Objective 8.0 (Preserve significant cultural resources) and Policy 8.1, the City "shall require either the preservation of significant historic or prehistoric sites, or the professional retrieval of artifacts prior to the development of a site, consistent with the provisions of the California Environmental Quality Act. Preservation may include various measures including avoidance, preservation in place, incorporation into open space, or covering or capping. The type of preservation would depend upon the nature and significance of the archaeological resource and the practical requirements of the proposed land use."

In this manner, evaluation of the Property in accordance with National and California Register significance criteria, as well under CEQA with proposed mitigation measures, achieves consistency with the City of Santee General Plan.

Application of National Register Significance Criteria

When evaluated within its historic context, a property must be shown to be significant for one or more of the four Criteria for Evaluation–A, B, C, or D. The Criteria describes how properties are significant for their association with important events or persons, for their importance in design or construction, or for their information potential. In addition, a property must not only be shown to be significant under the National Register criteria, but it also must have integrity.

National Register Criterion A: Event

*To be considered for listing under Criterion A, a property must be associated with one or more events important in the defined historic context.*

*The event or trends must clearly be important within the associated context. Mere association with historic events or trends is not enough, in and of itself, to qualify under Criterion A: the property's specific association must be considered important as well*.

The Property does not qualify under National Register Criterion A: Event at either the local, state, or national levels. Historical research failed to identify any important events associated with the Property over the course of its existence.

National Register Criterion B: Person

*Criterion B applies to properties associated with individuals whose specific contributions to history can be identified and documented.*

*Persons "significant in our past" refers to individuals whose activities are demonstrably important within a local, State, or national historic context. The criterion is generally*

*restricted to those properties that illustrate (rather than commemorate) a person's important achievements. The persons associated with the property must be individually significant within a historic context. Significant individuals must be directly associated with the nominated property. Properties eligible under Criterion B are usually those associated with a person's productive life, reflecting the time period when he or she achieved significance. Speculative associations are not acceptable. Documentation must make clear how the nominated property represents an individual's significant contributions. A property must retain integrity from the period of its significant historic associations. Architects are often represented by their works, which are eligible under Criterion C.*

The Property does not qualify under National Register Criterion B: Person at either the local, state, or national levels. No historical evidence was identified which indicates that the original developers of the Property, John Elliot Forte and Walt Long, nor any of the successors in interest in the Forte family were individuals whose activities are demonstrably important within a local, State, or national historic context. Further, historic research indicates that no other owners, or occupants associated with the Property performed any activities, achievements or contributions which were demonstrably important within the City, state, or nation. As a result, the theatre business, including the individuals responsible for its operation(s), does not meet the criteria for historic significance. Therefore, the Former Santee Drive-In Theatre does not qualify under National Register Criterion B.

National Register Criterion C: Design/Construction

*Properties may be eligible under Criterion C if they embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction. Properties which embody the distinctive characteristics of a type, period, or method of construction refer to the way in which a property was conceived, designed, or fabricated by a people or culture in past periods of history. Distinctive characteristics are the physical features or traits that commonly recur in individual types, periods, or methods of construction. To be eligible, a property must clearly contain enough of those characteristics to be considered a true representative of a particular type, period, or method of construction.*

*A master is a figure of generally recognized greatness in a field, a known craftsman of consummate skill, or an anonymous craftsman whose work is distinguishable from others by its characteristic style and quality. The property must express a particular phase in the development of the master's career, an aspect of his or her work, or a particular theme in his or her craft.*

Embodying The Distinctive Characteristics Of A Type, Period, Or Method Of Construction—Modern Contemporary Architecture

The Property does not qualify under National Register Criterion C: Design/Construction on the basis of its Modern Contemporary architecture at either the local, state, or national levels.

In June 2006, the City of San Diego received a grant through the Certified Local Government (CLG) program to prepare a city-wide thematic context statement for Modernist resources in San Diego. This "San Diego Modernism Historic Context Statement" ("Modernism Context Statement") was finalized in October 2007, and was financed, in part, with Federal funds from the National Park Service, Department of the Interior, through the California Office of Historic Preservation (OHP). It was specifically designed to address "the regional and local emergence of Modern architecture in San Diego; the architects, builders and other individuals significant in the development of Modernism in San Diego; as well as the property types and sub-styles which characterize San Diego Modernism and the criteria which should be applied to evaluate those resources and establish significance."

The stated purpose of the Modernism Context Statement is to "assist in the identification, evaluation and preservation of significant historic buildings, districts, sites and structures associated with the Modernism movement in San Diego from 1935 to 1970" and was created to better understand "Modern era resources and the types of resources that are significant to the history and development of San Diego." The Modernism Context Statement has been utilized to evaluate potential historical resources constructed from 1935-1970 within the San Diego Region, and specifically utilized in historical evaluations accepted by the County of San Diego, City of San Diego and City of Del Mar. The Modernism Context Statement "[uses] an approach based upon current professional methodology standards and procedures established by the National Park Service, the California Office of Historic Preservation, and preservation professionals." Therefore, although the City of Santee has not formally adopted the Modernism Context Statement, it serves as an appropriate regional tool by which to evaluate Modernist resources within the City.

Accordingly, the Modernism Context Statement is appropriate for use in evaluating the potential historic significance of the Property because:

1) The Modernism Context Statement was intended to guide evaluations within the region rather than being restricted to San Diego City limits. The Modernism Context Statement was prepared by the City of San Diego utilizing Federal funds from the National Park Service, Department of the Interior, through the California Office of Historic Preservation (OHP) as a regional and local tool to evaluate Modern Architecture in the San Diego.
2) This is the most regionally specific guide for evaluating Modern Architecture. There are no alternative guides or documents that offer better or more specific guidance than this one for evaluating Modern Architecture in the San Diego region.

Under the Modernism Context Statement, the Property was designed and constructed in the Modern Contemporary style between 1962-1976. The site no longer functions as a drive-in theatre. Today, it serves as an open, surface parking lot. An examination of the Property under the Modernism Context Statement indicates that it does not qualify under National Register Criterion C: Design/Construction on the basis of its Modern Contemporary architecture at either the local, state, or national levels.

Modernism Context Statement—General Characteristics Of The Modern Contemporary Style

According to the Modernism Context Statement, Modern Contemporary style structures were generally constructed between 1955-1965. They employed the latest styles and materials including such modern features as interior courtyards, aluminum framed windows, sliding-glass doors, and attached carports or garages. Some also included upgrades to basic model units, allowing a homeowner to customize their property. In addition to residential construction, Modern Contemporary buildings also included commercial structures and streetscapes. These buildings display many of the same design features as Contemporary style homes, such as angular massing, varied materials use, and unusual roof forms.

The Property possesses unremarkable and undistinguished physical characteristics, as well as only limited, general characteristics associated with the Modern Contemporary architectural style. These include aluminum-framed windows located on the Concessions Building and Ticket Booths, and angular massing on the Concessions Building. The remaining structures and/or objects constructed as part of the Property lack varied materials used in their construction and unusual roof forms. Based upon the foregoing, therefore, the Property does not possess an abundance of general characteristics indicative of Modern Contemporary construction as detailed in the Modernism Context Statement.

Modernism Context Statement—Primary-Character Defining Features

According to the Modernism Context Statement, there are three (3) "Primary" Character-Defining features of Modern Contemporary construction. The following Primary character-defining features noted in the Modernism Context Statement have been specifically applied to the Property, accordingly:

*1. Strong roof forms, including flat, gabled, shed or butterfly, typically with deep overhangs.*

The Property, including its structures and objects, lack strong roof forms with deep eave overhangs. Therefore, the Property does not possess this Primary Character-Defining feature of Modern Contemporary construction.

*2. Large windows, often aluminum framed.*

The Property contains aluminum framed windows on its Concessions Building and Ticket Booths. Therefore, the Property possesses this Primary Character-Defining feature of Modern Contemporary construction.

*3. Non-traditional exterior finishes, including vertical wood siding, concrete block, stucco, flagstone and mullion-free glass.*

The Property, including its structures and objects, feature exteriors composed of stucco and/or metal. Vertical wood siding, concrete block, flagstone, and mullion-free glass are lacking. Therefore, the Property does not possess this Primary Character-Defining feature of Modern Contemporary construction.

*Summary: Of the three Primary Character-Defining features of Modern Contemporary construction expressed in the Modernism Context Statement, the Property possesses one of these features—aluminum framed windows.*

Modernism Context Statement—Secondary Character-Defining Features

According to the Modernism Context Statement, there are eight (8) "Secondary" Character-Defining features of Modern Contemporary construction. The following Secondary character-defining features noted in the Modernism Context Statement have been specifically applied to the Property, accordingly:

*1. Angular massing.*

The Property features angular massing only on the Concessions Building. Therefore, the Property possesses this Secondary Character-Defining feature of Modern Contemporary construction.

*2. Sunshades, screens or shadow block accents.*

The Property, including its structures and objects, does not feature any sunshades, screens, or shadow block accents. Therefore, the Property does not possess this Secondary Character-Defining feature of Modern Contemporary construction.

*3. Attached garages or carports for homes.*

The Property is not residential in nature. Therefore, this Secondary Character-Defining feature of Modern Contemporary construction is not applicable.

*4. Split-level design, especially on sloped residential sites.*

The Property does not feature a split-level design on a sloped residential site. Therefore, this Secondary Character-Defining feature of Modern Contemporary construction is not applicable.

*5. Horizontally oriented commercial buildings.*

The Property, including its structures and objects, contain both horizontal and vertical elements. The Property contains two large horizontally oriented motion picture screens (Screens #1 and #2). Therefore, the Property possesses this Secondary Character-Defining feature of Modern Contemporary construction.

*6. Distinctive triangular, parabolic or arched forms.*

The Property does not feature any triangular, parabolic or arched forms. Therefore, the Property does not possess this Secondary Character-Defining feature of Modern Contemporary construction.

*7. "Eyebrow" overhangs on commercial buildings*; and

The Property does not have any "eyebrow" overhangs. Therefore, the Property does not possess this Secondary Character-Defining feature of Modern Contemporary construction.

*8. Integrated, stylized signage on commercial buildings.*

The Property contains integrated, stylized signage along its Entrance Sign. Therefore, the Property possesses this Secondary Character-Defining feature of Modern Contemporary construction.
*Summary: Of the six applicable Secondary Character-Defining features of Modern Contemporary construction expressed in the Modernism Context Statement, the Property possesses three of these features—angular massing, horizontal orientation, and integrated, stylized signage.*

Modernism Context Statement—Evaluation Criteria

In evaluating the potential significance and eligibility for designation of Modern Contemporary properties, the Modernism Context Statement notes the following:

•*"While this style was relatively popular in San Diego tract construction, many of these homes and buildings have been extensively remodeled diminishing their level of integrity and reducing the abundance of good examples from this sub-style substantially."*

The Property is located within the Santee community and has not been substantially modified and altered over the years. The Property retains a sufficient degree of original integrity.

•*"…Houses [buildings] may still poses [sic. possess] significance due to their association with a potential master architect."*

The Property does not possess significance due to an association with a potential "master architect." Historical research did not ascertain the identity of the architects and/or designers responsible for the design/construction.

• *"Good examples of this style that retain a high degree of integrity should therefore be considered for individual designation, especially if…associated with a significant architect. Due to the somewhat limited supply of unaltered examples, retention of all character defining features may not be necessary for listing, if comparative analysis demonstrates that the building retains a relatively high degree of integrity compared to other extant examples."*

The Property retains original integrity, however, it lacks a majority of Primary and Secondary Character-Defining features of the Modern Contemporary architectural style.

• *"The Contemporary style was widely used on major streets and boulevards such as El Cajon Boulevard in North Park, Girard Avenue in La Jolla, Washington Street in Mission Hills, and Rosecrans Boulevard in Point Loma. Buildings in these areas exemplify the style with long horizontal massing, extensive use of glass windows to open the interior space as to the street, updated Moderne elements such as "eyebrow" overhangs, and minimal architectural details on the façade….Signage for Contemporary commercial buildings that is original to the structure should be considered as part of the resource."*

The Property is a former commercial complex, located along a street which is typically associated with Modern Contemporary commercial buildings.

In summary, the Property does not possess a majority of the General, Primary, or Secondary Character-Defining features of Modern Contemporary construction to be considered a true, representative example which is significant under the Modernism Context Statement. The Property does not meet the potential significance and eligibility criteria for designation under the Modernism Context Statement. As such, the Property does not embody the distinctive characteristics of type, period, or method of Modern Contemporary construction.

<u>Embodying The Distinctive Characteristics Of A Type, Period, Or Method Of Construction—Drive-In Theatre Architecture</u>

The Former Drive-In Theatre on the Property could qualify under National Register Criterion C: Design/Construction on the basis of its drive-in theatre architecture at the local level of significance.

The Former Drive-In Theatre on the Property was originally constructed in 1962 at a time when the drive-in, as a recreational and entertainment venue, was popular across the United States. This popularity allowed the Former Drive-In Theatre on the Property to expand in 1976. Although many other drive-ins across the country closed during this period, the Santee Drive-In Theatre remained open until December 2023. Today, it functions as an open, surface parking lot. Within San Diego County, another drive-in theatre remains—

the South Bay Drive-In, located at 2170 Coronado Boulevard, San Diego which was built in 1958 and is still operating.

In its current appearance, albeit unremarkable and undistinguished, the Former Drive-In Theatre on the Property retains a number of character-defining features associated with drive-in movie theater architecture. These include its sloped semi-circular parking spaces arranged in rows; twin movie screens; centrally-located concession stand with attached, first floor refreshment area and restrooms, and second floor projection tower; ticket booths; long entry area (driveway); oversized, pole-mounted marquee sign with neon tubing; and fencing around the property perimeter. In this manner, the Former Drive-In Theatre on the Property, including its structures and parking lots, embody the distinctive characteristics of a type, period, and method of 1960s-1970s drive-in movie theatre construction, and retains a sufficient degree of original integrity. As a result, the Former Drive-In Theatre on the Property is architecturally significant and could qualify under National Register Criterion C: Design/Construction, as has been conservatively determined for purposes of this Historical Assessment.

Representing The Work Of A Master

The Property does not qualify under National Register Criterion C: Design/Construction at either the local, state, or national levels on the basis of its architects, designers, or builders. Historical research could not ascertain the identities of the architect, designers and/or builders responsible for the design/construction of the Property, including its structures and/or objects. In any event, the Property does not possess any remarkable or distinguished physical features which may reflect the work of a master architect, designer, builder, or craftsman. Consequently, the Property does not represent the work of a master.

Possessing High Artistic Values

The Property does not qualify under National Register Criterion C: Design/Construction as a Property which possesses high artistic values. The Property does not articulate a particular concept of design to the extent that an aesthetic ideal is expressed.

National Register Criterion D: Information Potential

*Property may be eligible under Criterion D if they have yielded, or may be likely to yield, information important in prehistory or history*.

The Property does not qualify under National Register Criterion D: Information Potential as the Property has not yielded, and is likely not to yield, information important in terms of history or prehistory.

Application of California Register of Historical Resources Significance Criteria

The California Register of Historical Resources was consciously designed on the model of the National Register. While the eligibility criteria of the two programs are similar, there are differences between them. When evaluated within its historic context, a property must

be shown to be significant for one or more of the four Criteria for Evaluation–1, 2, 3, or 4. The Criteria describes how properties are significant for their association with important events or persons, for their importance in design or construction, or for their information potential. In addition, a property must not only be shown to be significant under the California Register criteria, but it also must have integrity. Historical resources eligible for listing in the California Register must meet one of the significance criteria described above and retain enough of their historic character or appearance to be recognizable as historical resources and convey the reasons for their significance.

California Register Criterion 1: Event

*To be considered for listing under Criterion 1, a property must be associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.*

*The event or trends must clearly be important within the associated context. Mere association with historic events or trends is not enough, in and of itself, to qualify under Criterion 1: a property's specific association must be considered important as well*.

The Property does not qualify under California Register Criterion 1: Event at either the local, state, or national levels. Historical research failed to identify any important events associated with the Property over the course of its existence.

California Register Criterion 2: Person

*To be considered for listing under Criterion 2, a property must be associated with the lives of persons important in our past.*

*This Criterion applies to properties associated with individuals whose specific contributions to history can be identified and documented. Persons "significant in our past" refers to individuals whose activities are demonstrably important within a local, state, or national historic context. The criterion is generally restricted to those properties that illustrate (rather than commemorate) a person's important achievements. The persons associated with the property must be individually significant within a historic context. Significant individuals must be directly associated with the nominated property. Property eligible under Criterion 2 are usually those associated with a person's productive life, reflecting the time period when he or she achieved significance. Speculative associations are not acceptable. Documentation must make clear how the nominated property represents an individual's significant contributions. A property must retain integrity from the period of its significant historic associations. Architects are often represented by their works, which are eligible under Criterion 3.*

The Property does not qualify under California Register Criterion 2: Person at either the local, state, or national levels. No historical evidence was identified which indicates that the original developers of the Property, John Elliot Forte and Walt Long, nor any of the successors in interest in the Forte family were individuals whose activities are

demonstrably important within a local, State, or national historic context. Further, historic research indicates that no other owners, or occupants associated with the Property performed any activities, achievements or contributions which were demonstrably important within the City, state, or nation. As a result, the theatre business, including the individuals responsible for its operation(s), does not meet the criteria for historic significance. Therefore, the Former Santee Drive-In Theatre does not qualify under California Register Criterion 2.

California Register Criterion 3: Design/Construction

*Properties may be eligible under Criterion 3 if they embody the distinctive characteristics of a type, period, region, or method of construction; represent the work of an important, creative individual; or possess high artistic values.*

*Properties which embody the distinctive characteristics of a type, period, or method of construction refer to the way in which a property was conceived, designed, or fabricated by a people or culture in past periods of history. Distinctive characteristics are the physical features or traits that commonly recur in individual types, periods, or methods of construction. To be eligible, a property must clearly contain enough of those characteristics to be considered a true representative of a particular type, period, or method of construction.*

*A master is a figure of generally recognized greatness in a field, a known craftsman of consummate skill, or an anonymous craftsman whose work is distinguishable from others by its characteristic style and quality. A property must express a particular phase in the development of the master's career, an aspect of his or her work, or a particular theme in his or her craft.*

Embodying The Distinctive Characteristics Of A Type, Period, Or Method Of Construction—Modern Contemporary Architecture

The Property does not qualify under California Register Criterion 3: Design/Construction on the basis of its Modern Contemporary architecture at either the local, state, or national levels.

In June 2006, the City of San Diego received a grant through the Certified Local Government (CLG) program to prepare a city-wide thematic context statement for Modernist resources in San Diego. This "San Diego Modernism Historic Context Statement" ("Modernism Context Statement") was finalized in October 2007, and was financed, in part, with Federal funds from the National Park Service, Department of the Interior, through the California Office of Historic Preservation (OHP). It was specifically designed to address "the regional and local emergence of Modern architecture in San Diego; the architects, builders and other individuals significant in the development of Modernism in San Diego; as well as the property types and sub-styles which characterize San Diego Modernism and the criteria which should be applied to evaluate those resources and establish significance."

The stated purpose of the Modernism Context Statement is to "assist in the identification, evaluation and preservation of significant historic buildings, districts, sites and structures associated with the Modernism movement in San Diego from 1935 to 1970" and was created to better understand "Modern era resources and the types of resources that are significant to the history and development of San Diego." The Modernism Context Statement has been utilized to evaluate potential historical resources constructed from 1935-1970 within the San Diego Region "using an approach based upon current professional methodology standards and procedures established by the National Park Service, the California Office of Historic Preservation, and preservation professionals." Therefore, although the City of Santee has not formally adopted the Modernism Context Statement, it serves as an appropriate regional tool by which to evaluate Modernist resources within the City.

Under the Modernism Context Statement, the Property was designed and constructed in the Modern Contemporary style between 1962-1976. An examination of the Property under the Modernism Context Statement indicates that it does not qualify under National Register Criterion C: Design/Construction on the basis of its Modern Contemporary architecture at either the local, state, or national levels.

Modernism Context Statement—General Characteristics Of The Modern Contemporary Style

According to the Modernism Context Statement, Modern Contemporary style structures were generally constructed between 1955-1965. They employed the latest styles and materials including such modern features as interior courtyards, aluminum framed windows, sliding-glass doors, and attached carports or garages. Some also included upgrades to basic model units, allowing a homeowner to customize their property. In addition to residential construction, Modern Contemporary buildings also included commercial structures and streetscapes. These buildings display many of the same design features as Contemporary style homes, such as angular massing, varied materials use, and unusual roof forms.

The Property possesses unremarkable and undistinguished physical characteristics, as well as only limited, general characteristics associated with the Modern Contemporary architectural style. These include aluminum-framed windows located on the Concessions Building and Ticket Booths, and angular massing on the Concessions Building. The remaining structures and/or objects constructed as part of the Property lack varied materials used in their construction and unusual roof forms. Based upon the foregoing, therefore, the Property does not possess an abundance of general characteristics indicative of Modern Contemporary construction as detailed in the Modernism Context Statement.

Modernism Context Statement—Primary-Character Defining Features

According to the Modernism Context Statement, there are three (3) "Primary" Character-Defining features of Modern Contemporary construction. The following Primary

character-defining features noted in the Modernism Context Statement have been specifically applied to the Property, accordingly:

*1. Strong roof forms, including flat, gabled, shed or butterfly, typically with deep overhangs.*

The Property, including its structures and objects, lack strong roof forms with deep eave overhangs. Therefore, the Property does not possess this Primary Character-Defining feature of Modern Contemporary construction.

*2. Large windows, often aluminum framed.*

The Property contains aluminum framed windows on its Concessions Building and Ticket Booths. Therefore, the Property possesses this Primary Character-Defining feature of Modern Contemporary construction.

*3. Non-traditional exterior finishes, including vertical wood siding, concrete block, stucco, flagstone and mullion-free glass.*

The Property, including its structures and objects, feature exteriors composed of stucco and/or metal. Vertical wood siding, concrete block, flagstone and mullion-free glass are lacking. Therefore, the Property does not possess this Primary Character-Defining feature of Modern Contemporary construction.

*Summary: Of the three Primary Character-Defining features of Modern Contemporary construction expressed in the Modernism Context Statement, the Property possesses one of these features—aluminum framed windows.*

<u>Modernism Context Statement—Secondary Character-Defining Features</u>

According to the Modernism Context Statement, there are eight (8) "Secondary" Character-Defining features of Modern Contemporary construction. The following Secondary character-defining features noted in the Modernism Context Statement have been specifically applied to the Property, accordingly:

*1. Angular massing.*

The Property features angular massing only on the Concessions Building. Therefore, the Property possesses this Secondary Character-Defining feature of Modern Contemporary construction.

*2. Sunshades, screens or shadow block accents.*

The Property, including its structures and objects, does not feature any sunshades, screens, or shadow block accents. Therefore, the Property does not possess this Secondary Character-Defining feature of Modern Contemporary construction.

*3. Attached garages or carports for homes.*

The Property is not residential in nature. Therefore, this Secondary Character-Defining feature of Modern Contemporary construction is not applicable.

*4. Split-level design, especially on sloped residential sites.*

The Property does not feature a split-level design on a sloped residential site. Therefore, this Secondary Character-Defining feature of Modern Contemporary construction is not applicable.

*5. Horizontally oriented commercial buildings.*

The Property, including its structures and objects, contain both horizontal and vertical elements. The Property contains two large horizontally oriented motion picture screens (Screens #1 and #2). Therefore, the Property possesses this Secondary Character-Defining feature of Modern Contemporary construction.

*6. Distinctive triangular, parabolic or arched forms.*

The Property does not feature any triangular, parabolic or arched forms. Therefore, the Property does not possess this Secondary Character-Defining feature of Modern Contemporary construction.

*7. "Eyebrow" overhangs on commercial buildings*; and

The Property does not have any "eyebrow" overhangs. Therefore, the Property does not possess this Secondary Character-Defining feature of Modern Contemporary construction.

*8. Integrated, stylized signage on commercial buildings.*

The Property contains integrated, stylized signage along its Entrance Sign. Therefore, the Property possesses this Secondary Character-Defining feature of Modern Contemporary construction.

*Summary: Of the six applicable Secondary Character-Defining features of Modern Contemporary construction expressed in the Modernism Context Statement, the Property possesses three of these features—angular massing, horizontal orientation, and integrated, stylized signage.*

Modernism Context Statement—Evaluation Criteria

In evaluating the potential significance and eligibility for designation of Modern Contemporary properties, the Modernism Context Statement notes the following:

•*"While this style was relatively popular in San Diego tract construction, many of these homes and buildings have been extensively remodeled diminishing their level of integrity and reducing the abundance of good examples from this sub-style substantially."*

The Property is located within the Santee community and has not been substantially modified and altered over the years. The Property retains a sufficient degree of original integrity.

•*"…Houses [buildings] may still poses [sic. possess] significance due to their association with a potential master architect."*

The Property does not possess significance due to an association with a potential "master architect." Historical research did not ascertain the identity of the architects and/or designers responsible for the design/construction of the Property.

•*"Good examples of this style that retain a high degree of integrity should therefore be considered for individual designation, especially if…associated with a significant architect. Due to the somewhat limited supply of unaltered examples, retention of all character defining features may not be necessary for listing, if comparative analysis demonstrates that the building retains a relatively high degree of integrity compared to other extant examples."*

The Property retains original integrity; however, it lacks a majority of Primary and Secondary Character-Defining features of the Modern Contemporary architectural style.

•*"The Contemporary style was widely used on major streets and boulevards such as El Cajon Boulevard in North Park, Girard Avenue in La Jolla, Washington Street in Mission Hills, and Rosecrans Boulevard in Point Loma. Buildings in these areas exemplify the style with long horizontal massing, extensive use of glass windows to open the interior space as to the street, updated Moderne elements such as "eyebrow" overhangs, and minimal architectural details on the façade….Signage for Contemporary commercial buildings that is original to the structure should be considered as part of the resource."*

The Property is a former commercial complex, located along a street which is typically associated with Modern Contemporary commercial buildings.

In summary, the Property does not possess a majority of the General, Primary, or Secondary Character-Defining features of Modern Contemporary construction to be considered a true, representative example which is significant under the Modernism Context Statement. The Property does not meet the potential significance and eligibility criteria for designation under the Modernism Context Statement. As such, the Property does not embody the distinctive characteristics of type, period, or method of Modern Contemporary construction.

<u>Embodying The Distinctive Characteristics Of A Type, Period, Or Method Of Construction—Drive-In Theatre Architecture</u>

The Former Drive-In Theatre on the Property could qualify under California Register Criterion 3: Design/Construction on the basis of its drive-in theatre architecture at the local level of significance.

The Former Drive-In Theatre on the Property was originally constructed in 1962 at a time when the drive-in, as a recreational and entertainment venue, was popular across the United States. This popularity allowed the Property to expand in 1976. Although many other drive-ins across the country closed during this period, the Santee Drive-In Theatre remained open until December 2023. Today, it functions as an open, surface parking lot. Within San Diego County, another drive-in theatre remains—the South Bay Drive-In, located at 2170 Coronado Boulevard, San Diego which was built in 1958 and is still in operation.

In its current appearance, albeit unremarkable and undistinguished, the Former Drive-In Theatre on the Property retains a number of character-defining features associated with drive-in movie theater architecture. These include its sloped semi-circular parking spaces arranged in rows; twin movie screens; centrally-located concession stand with attached, first floor refreshment area and restrooms, and second floor projection tower; ticket booths; long entry area (driveway); oversized, pole-mounted marquee sign with neon tubing; and fencing around the property perimeter. In this manner, the Property, including its structures and parking lots, embody the distinctive characteristics of a type, period, and method of 1960s-1970s drive-in movie theatre construction, and retains a sufficient degree of original integrity. As a result, the Former Drive-In Theatre on the Property is architecturally significant and could qualify under California Register Criterion 3: Design/Construction, as has been conservatively determined for purposes of this Historical Assessment.

Work of an Important, Creative Individual

The Property does not qualify under California Register Criterion 3: Design/Construction at either the local, state, or national levels on the basis of its architects, designers, or builders. Historical research could not ascertain the identities of the architect, designers and/or builders responsible for the design/construction of the Property, including its structures and/or objects. In any event, the Property does not possess any remarkable or distinguished physical features which may reflect the work of an important, creative individual.

Possessing High Artistic Values

The Property does not qualify under California Register Criterion 3: Design/Construction as a property which possesses high artistic values. The Property does not articulate a particular concept of design to the extent that an aesthetic ideal is expressed.

California Register Criterion 4: Information Potential

*Properties may be eligible under Criterion 4 if they have yielded, or may be likely to yield, information important in prehistory or history*.

The Property does not qualify under California Register Criterion 4: Information Potential as it has not yielded, and is not likely to yield, information important in terms of history or prehistory.

Integrity Evaluation

In addition to determining the significance of a property under state and national criteria, a property must also possess integrity. Integrity is defined by the National Register of Historic Places as the "ability of a Property to convey and maintain its significance." Historic properties either retain integrity or they do not. Within the concept of integrity, the National Register recognizes seven aspects or qualities, that, in various combinations, define integrity. These are location, design, setting, materials, workmanship, feeling, and association. To retain historic integrity, a property will always possess several, and usually most, of the aspects. The retention of specific aspects of integrity is paramount for a property to convey its significance.

Integrity is defined by the California Register of Historical Resources as the "authenticity of a historical resource's physical identity evidenced by the survival of characteristics that existed during the resource's period of significance." Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. Alterations over time to a resource or historic changes in use may themselves have historical, cultural, or architectural significance.

*Location*

*Location is defined as "the place where the historic property was constructed or the place where the historic event occurred*."

The Property, including its structures and objects, was constructed in its original location between 1962-1976. As such, the Property retains its location element for integrity purposes.

*Design*

*Design is defined as the "combination of elements that create the form, plan, space, structure, and style of a property*."

The Property, including its structures and objects, has not been substantially modified and/or altered from that of its original appearance. The overall original combination of elements that create its form, plan, space, structure, and style have not been compromised. As such, the Property retains its design element for integrity purposes.

*Setting*

*Setting is defined as the physical environment of a historic property*.

The Property, including its structures and objects, has been located on the same parcel since its construction between 1962-1976. At the time the Property was first developed, the surrounding area was primarily open and/or agricultural in nature. Between 1964-1976, residential, commercial, and industrial development in the surrounding area substantially increased. Over the years, the setting has been further compromised by new residential, commercial, and industrial development. Therefore, the setting is no longer primarily undeveloped and/or agricultural in nature, as it was prior to site development and, therefore, the Property no longer retains its original setting element for integrity purposes.

*Materials*

*Materials are defined as "the physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property*."

The vast majority of the materials which today exist in the Property, including its structures and objects, are largely original. Consequently, the Property retains its original materials element for integrity purposes.

*Workmanship*

*Workmanship is as "the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory*."
As with the materials discussion above, the vast majority of the workmanship that has gone into the construction of the Property, including its structures and objects, is original. Consequently, the Property retains its original workmanship element for integrity purposes.

*Feeling*

*Feeling is defined as "a property's expression of the aesthetic or historic sense of a particular period of time."*
In its current appearance, the Property, including its structures and objects, conveys and evokes an aesthetic, original sense of past time or place (i.e. 1962-1976 drive-in theatre feeling). As a result, the Property retains its original feeling element for integrity purposes.

*Association*

*Association is defined as "the direct link between an important historic event or person and a historic property."*

The Property, including its structures and objects, is not directly linked to any important historic events or individuals. As a result, the Property does not possess an associative element for integrity purposes.

## Findings and Conclusions

Impacts Discussion

The present study has conservatively determined that the Former Drive-In Theatre on the Property is architecturally significant under state and national significance criteria because the Property embodies the distinctive characteristics of drive-in movie theatre construction from the 1960s and 1970s. These elements include:

a) Sloped semi-circular parking spaces arranged in rows
b) Twin movie screens
c) Centrally-located concession stand with attached first floor refreshment area and restrooms;
d) Second floor projection tower;
e) Ticket booths;
f) Long entry area (driveway);
g) Oversized, pole-mounted marquee sign with neon tubing;
h) Fencing around the property perimeter;
i) A sufficient degree of original integrity

While the individual elements of the Property are unremarkable and undistinguished in their appearance, the Property as a whole retains the character-defining features of a drive-in theater and remains largely unaltered since its original construction. Consequently, it is conservatively assumed to be a historical resource under CEQA (California Public Resources Code §5024.1).

This study examined other drive-in theatres that had either been slated for development or demolished and was unable to identify any other drive-in theatres that had been determined to meet the criteria for designation as a historical resource under CEQA. As an example, the Hi-Way Drive-In Theatre located in Santa Maria was not evaluated for historic significance by the lead agency, presumably because significant portions of the original improvements, such as ticket booths and concessions stands, had been demolished prior to the evaluation.

In another case, the Mission Tiki Drive-In Theatre in the City of Montclair was found not to be a historic resource because it had been converted into a Tiki/Polynesian themed drive-in, and its original architectural characteristics had been significantly altered. Last, in the City of Oceanside, the site of the former Valley Drive-In was evaluated under an EIR, which merely noted that the theater had been partially demolished at the time of the EIR's preparation.

Because this Property embodies the distinctive characteristics of a drive-in theater and remains largely unaltered since its original construction, it has been determined to qualify as a historic resource. This study was unable to identify any precedent indicating that a drive-in theater possessing the aforementioned elements and maintaining its original integrity would not qualify as such. While it may be theoretically possible to find an

alternative determination, the absence of relevant precedent necessitated a conservative finding that this Property does, in fact, constitute a historical resource under CEQA.

The Palisade Santee Commerce Center Project proposes to remove all existing structures and parking lots on the Property. In addition, the Project proposes the construction of one industrial/warehouse building (approximately 301,145 square feet), 10,000 square feet of office space, as well as associated improvements including loading docks, trailer stalls, passenger vehicle parking spaces, and street, sidewalk, and landscape improvements. Therefore, demolition of the Former Drive-In Theatre on the Property as part of proposed Project, has been conservatively assumed to cause a substantial, adverse change in the significance of an historical resource under CEQA, pursuant to California Public Resources Code §21084.1 and §f5020.1(q).

Again, the conservative assumptions and determinations made in this Historical Assessment are made in the interest of a conservative CEQA analysis of the proposed demolition of the Former Drive-In Theatre on the Property as part of the Project. Other recent CEQA determinations involving the demolition of other drive-in theatres in the State of California have concluded that those drive-in theatres are not historical resources under CEQA. As noted above, the Hi-Way Drive-In Theatre in the City of Santa Maria, the Mission Drive-In Theatre in the City of Montclair, and the Mission Drive-In Theatre (later renamed the Valley Drive-In Theatre) in the City of Oceanside, all of which were built in the 1950s or 1960s, were all deemed to be ineligible for historic designation at the local, state and national levels.[2]

Application of CEQA

Public Resources Code

CEQA (California Public Resources Code §21084.1) provides that any project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. Public Resources Code Section §5020.1(q) defines "substantial adverse change" as demolition, destruction, relocation, or alteration such that the significance of the historical resource would be impaired. According to Public Resources Code Section §5024.1, an historical resource is a resource that is listed in, or determined to be eligible for listing in, the California Register of Historical Resources. A resource may be listed as an historical resource in the California Register if it meets any of the following National Register of Historic Places criteria: 1) is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage; 2) is associated with the lives of persons important in our past; 3) embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or 4) has yielded, or may likely yield information important in prehistory or history. In addition, an historical resource is a resource that is listed in, or

[2] See the City of Santa Maria Environmental Checklist/Initial Study for the Peoples Self Help Residential Project dated August 2021; the City of Montclair Draft Environmental Impact Report for the Mission Boulevard and Ramona Avenue Business Park Project dated January 2022; and the City of Oceanside Final Supplemental Environmental Impact Report for the Ocean Kamp Project dated July 2022.

determined to be eligible for listing in, the California Register of Historical Resources; a resource that is included in a local register of historical resources; or is identified as significant in an historical resource survey if that survey meets specified criteria.

a) Event Association:

The Property does not qualify under event association as a resource which is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage. Historical research indicates that the Property was never associated with any event or events that have made a significant contribution to California's history and cultural heritage.

b) Individual Association:

The Property does not qualify under individual association as a resource which is associated with the lives of persons important in our past. None of the original developers, owners, or occupants identified with the Property performed any activities, achievements or contributions which were demonstrably important within the City, state, or nation.

c) Design/Construction:

The Property embodies the distinctive characteristics of a type, period, and method of drive-in movie theatre construction during the 1960s-1970s. The Property does not represent the work of an important creative individual or possess high artistic values.

d) Information Potential:

The Property does not qualify under information potential as a resource which has yielded, or may likely yield, information important in prehistory or history.

As a resource which could be significant on the basis of its design/construction, the Former Drive-In Theatre on the Property is conservatively determined to be eligible for listing in the National Register of Historic Places and the California Register of Historical Resources and is conservatively assumed to be a historical resource under CEQA (Public Resources Code Section §5024.1).

CEQA Guidelines

According to CEQA Guidelines §15064.5(a)(3), a lead agency can find a resource historic under CEQA if the resource has been determined to be significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, provided that the determination is supported by substantial evidence in light of the whole record.

CEQA Guidelines §15064.5(a)(3) provides that generally, a resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for

listing on the California Register of Historical Resources (Pub. Res. Code §5024.1), including where the resource embodies the distinctive characteristics of a type, period, region, or method of construction. As explained in more detail above, the Former Drive-In Theatre has been conservatively determined to embody the distinctive characteristics of a type, period, and method of drive-in movie theatre construction during the 1960s-1970s.

Mitigation Measures

As a resource which has been conservatively determined to be significant on the basis of its design/construction, the Former Drive-In Theatre on the Property is conservatively determined herein to be eligible for listing in the National Register of Historic Places and the California Register of Historical Resources and is therefore conservatively assumed to be a historical resource under CEQA for purposes of this Historic Assessment and environmental review of the Project under CEQA. Since the Palisade Santee Commerce Center Project proposes demolition of the Former Drive-In Theatre on the Property, including its structures and parking lots, this undertaking has been conservatively assumed to cause a substantial adverse change in the significance of a historical resource under CEQA.

The below feasible mitigation measures have therefore been recommended to preserve the history and architectural significance of the Former Drive-In Theatre. In this context, recordation of the history of the Former Drive-In Theatre serves a legitimate archival purpose. However, the following measures will not reduce the proposed impact of demolition of the Former Drive-In Theatre on the Property to a less-than-significant level under CEQA. The impact would remain significant and unavoidable.

(I) Historical American Building Survey (HABS)

Prior to the issuance of a demolition permit, the Applicant shall submit a Historic American Buildings Survey (HABS) Level II to the City of Santee for review and approval. This mitigation measure will provide an in-depth record of the Property's current state, including high-resolution photographs, detailed architectural drawings, and text explaining the drawings and photographs. The (HABS) Level II survey will help preserve a visual and documented history of the Property that may otherwise be lost after demolition. The submitted documentation not only serves to memorialize the Property for future generations but also allows for a future public appreciation of the Property's significance within the community.

The HABS documentation shall explicitly illustrate the significance of the Santee Drive-In Theatre for archival purposes, as specified below. The HABS will be made available for archival storage to the San Diego County Public Library, the San Diego History Center, and the City of Santee. The HABS shall include the following:

A. Drawings. The HABS documentation shall include measured drawings, including a Site Plan, Elevations, and known Construction Details prepared for the following

structures/objects: Entrance Sign; Concessions Building; Movie Screens; and Ticket Booths.

B. Photographs. The HABS documentation shall include professional-quality photographic documentation of the Entrance Sign; Concessions Building; Movie Screens; and Ticket Booths prior to any construction on the Property. The photographs should be 35-millimeter black-and-white photographs; 4x6-inch standard format; taken of all four structure/object exterior elevations; and be of archival quality and easily reproducible. Once the HABS documentation is deemed complete, one set of original HABS photographs shall be submitted for archival storage to the San Diego County Public Library, the San Diego History Center, and the City of Santee.

C. Written History & Description. The HABS documentation shall include a written history and description of the Santee Drive-In Theatre, developed in accordance with standards and format meeting the Department of the Interior's National Park Service requirements. The history will begin with a statement of significance supported by the development of the architectural and historical context in which the site was originally constructed and subsequently evolved. The written history will also include an architectural description and bibliographic information. The written history and description will also include a methodology section specifying the name of the researcher, date of research, and sources consulted.

(II) Interpretative Display.

Interpretative Display. Prior to the issuance of the certificate of occupancy for the Project, the Applicant shall work with the City of Santee to create an approximately 24-inch by 48-inch metal plaque or display outlining the history of the Santee Drive-In Theatre, including events and activities associated with the site.

The Applicant shall submit a plan to the City showing the location, size and content of the Interpretive Display. Upon request, the interpretive material shall be made available to schools, museums, archives and curation facilities, libraries, nonprofit organizations, the public, and other interested agencies. Prior to issuance of the certificate of occupancy for the Project, the Interpretive Display shall be installed by the Applicant on the Property or at the new location of the Entrance Sign, as described below. If the Interpretive Display is located on the Property, the Applicant shall record a covenant indicating that the property owner is responsible for implementing the long-term management of the Interpretive Display. If, at the City's discretion, the Interpretive Display is located on off-site property owned by the City, the City shall assume long-term management of the Interpretive Display.

The interpretive display is intended to be placed near the final location of the Entrance Sign, which, as described under Mitigation Measure (III), will either be preserved on-site or relocated to an off-site location. By situating the interpretative display in proximity to the Entrance Sign, the public will be able to gain a deeper understanding of the significance of the Santee Drive-In Theatre, its role in the community, and its history while enjoying

the visual backdrop of the Entrance Sign. The combination of the interpretive display and the Entrance Sign will provide visual interest to the community while providing a written context to serve as an educational resource for the community.

(III) Relocation & Rehabilitation Of The Entrance Sign.

Rehabilitation & Relocation of the Entrance Sign. The City and the Applicant may mutually agree to either preserve the Entrance Sign on the Property or relocate it to a City-owned property within the Arts and Entertainment neighborhood. Prior to the issuance of a demolition permit for the Project, the Applicant shall submit a plan to the City of Santee for approval to rehabilitate and temporarily store the Entrance Sign, which consists of the neon tubing outlining the word "Santee," the neon star, and the marquee. The plan, which is to be approved by the City, shall include information and details related to the rehabilitation, temporary storage and ultimate location of the Entrance Sign. Rehabilitation and storage of the Entrance Sign will be undertaken by the Applicant in a manner consistent with the Secretary of the Interior's Standards or other applicable industry standards . If the Entrance Sign is located on the Property, the Applicant shall record a covenant indicating that the property owner is responsible for implementing the long-term management of the Entrance Sign. If the Entrance Sign is located on off-site property owned by the City, the City shall assume long-term management of the Entrance Sign. If the City elects to require the Applicant to place the Entrance Sign and/or interpretative display on a City-owned off-site property, and the City, despite the Applicant's commercially reasonable efforts and through no fault of the Applicant, fails to provide the necessary authorization for the Applicant to begin the relocation of the Entrance Sign prior to the issuance of a Certificate of Occupancy for the project, the City shall not withhold the issuance of the Project's Certificate of Occupancy. Prior the issuance of a Certificate of Occupancy, the City and the Applicant shall mutually determine to reinstall the rehabilitated Entrance Sign at an appropriate location on the project site that is visible to the public from Woodside Avenue with recordation of a covenant by the Applicant indicating that the property owner is responsible for implementing the long-term management of the Entrance Sign. Alternatively, the City and the Applicant shall mutually determine an extended temporary storage plan for the sign with a security from the Applicant to complete the relocation after issuance of the Certificate of Occupancy or an Applicant provided funding mechanism for the City to complete this work.

The Entrance Sign is one of the most recognizable visual elements of the Santee Drive-In Theatre. Preserving this sign as a tangible, physical object ensures that the history of the Drive-In Theatre remains in order to be appreciated and viewed by the public. The Entrance Sign will provide a direct nexus to the history of the Drive-in Theatre and as outlined in Mitigation Measure (II), and the Entrance Sign will be complemented by an Interpretive Display. Together, the Entrance Sign and the Interpretive Display will provide historical context, detailing the Drive-In Theatre's history.

(IV) Historical Preservation Funding.

Historical Preservation Funding. In the event the Interpretive Display and Entrance Sign are relocated to City property, the City will be responsible for the long-term management of the Interpretive Display and Entrance Sign. Accordingly, if the Interpretive Display and Entrance Sign are located on City property or moved off of the Project site, after the Applicant completes the rehabilitation, storage, and relocation, the Applicant shall provide a donation to the City of Santee in the amount of $7,500 (seven thousand five hundred dollars) which is intended to fund the long-term management of the interpretive display and Entrance Sign by the City.

Summary Conclusion

The Former Drive-In Theatre on the Property consists of eight (8) main components: two (2) drive-in motion picture screens (Screen #1 and Screen #2); one (1) Concessions Building; two (2) parking lots (one for each movie screen); two (2) Ticket Booths; and one (1) Entrance Sign. The site was originally developed in 1962 with the construction of the Entrance Sign, Concessions Stand, and Screen #1 and parking lot. It later expanded c.1976 with the construction of Screen #2 and parking lot, the Ticket Booths, and ancillary storage sheds. The identities of the architects, designers, and/or builders responsible for the construction of the structures is not known, and the Modern Contemporary style of the structures is unremarkable. Sometime between 1964-1967, the Property became used once a week, during the day, as the "Santee Swap Meet." Over the years, the Former Drive-In Theatre on the Property has not been substantially modified and/or altered from that of its original design/construction, but it has naturally deteriorated over time. Today, the Property serves as an open, surface parking lot.

Historical research indicates that the Former Drive-In Theatre on the Property could be architecturally significant under National Register of Historic Places Criterion C (Design/Construction) and California Register of Historical Resources Criterion 3 (Design/Construction) for its type, period, and method of 1960s-1970s drive-in movie theatre construction. Although the Former Drive-In Theatre on the Property is unremarkable and undistinguished, it displays character-defining features associated with drive-in movie theatre architecture, and as a result, the Former Drive-In Theatre on the Property has conservatively been determined to be eligible for listing on the National Register of Historic Places and California Register of Historical Resources at the local level of significance.

As a Property which has conservatively been deemed to be eligible for listing in the National and California Registers, it is conservatively assumed to be a historical resource under CEQA, and therefore, mitigation measures have been recommended including Historic American Building Survey (HABS) documentation; an interpretative display; relocation and rehabilitation of the Entrance Sign as specified above, and funding for the long-term management of the interpretive display and Entrance Sign by the City (if applicable; otherwise the donation will be used to fund other local historic preservation efforts). Although these measures have been proposed to preserve the history and

architectural significance of the Former Drive-In Theatre, they will not mitigate the Project impact of demolition to a less-than-significant level under CEQA.

Again, the conservative assumptions and determinations made in this Historical Assessment are made in the interest of a conservative CEQA analysis of the proposed demolition of the Former Drive-In Theatre on the Property as part of the Project. Other recent CEQA determinations involving the demolition of other drive-in theatres in the State of California have concluded that those drive-in theatres are not historical resources under CEQA. For example, the Hi-Way Drive-In Theatre in the City of Santa Maria, the Mission Drive-In Theatre in the City of Montclair, and the Mission Drive-In Theatre (later renamed the Valley Drive-In Theatre) in the City of Oceanside, all of which were built in the 1950s or 1960s, were all deemed to be ineligible for historic designation at the local, state and national levels.[3]

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# Appendix G

Geotechnical Engineering Investigation

**Updated Geotechnical Engineering Investigation**
Proposed Industrial Warehouse Development
10229 N. Woodside Drive
Santee, California

Noth Palisade Partners, LLC
1330 Factory Place #105
Los Angeles, California 90013

Attn: Mr. William Jacobs

Project Number 23559-22
March 20, 2024

NorCal Engineering

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# NorCal Engineering

Soils and Geotechnical Consultants
10641 Humbolt Street Los Alamitos, CA 90720
(562) 799-9469

March 20, 2024 Project Number 23559-22

North Palisade Partners, LLC
1330 Factory Place #105
Los Angeles, California 90013

Attn.: Mr. William Jacobs

RE: **Updated Geotechnical Engineering Investigation** - Proposed Industrial Warehouse Development - Located at 10229 N. Woodside Drive, in the City of Santee, California

Dear Mr. Jacobs:

Pursuant to your request, this firm has performed an Updated Geotechnical Engineering Investigation for the above referenced project in accordance with your approval of our proposal dated September 1, 2022. The purpose of this investigation is to evaluate the geotechnical conditions of the subject site and to provide recommendations for the proposed industrial warehouse development. Additional reports were provided by this firm to address City of Santee - Geotechnical Plan Check Review Sheets and have been incorporated into this geotechnical study.

The scope of work included the following: 1) site reconnaissance; 2) subsurface geotechnical exploration and sampling; 3) laboratory testing; 4) soil infiltration testing; 5) engineering analysis of field and laboratory data; 6) preparation of a geotechnical engineering report. It is the opinion of this firm that the proposed development is feasible from a geotechnical standpoint provided that the recommendations presented in this report are followed in the design and construction of the project.

## 1.0 Project Description

It is proposed to construct an industrial warehouse development consisting of 294,045 square feet building as shown on the attached Site Plan by Herdman Architecture and Design, dated November 2023. The proposed concrete tilt-up structure will be supported by a conventional slab-on-grade foundation system with perimeter-spread footings and isolated interior footings. Other improvements will include asphalt and concrete pavement areas, screen walls, hardscape and landscaping. It is assumed that the proposed grading for the development will include cut and fill procedures on the order of a few feet to achieve finished grade elevations. Final building plans shall be reviewed by this firm prior to submittal for city approval to determine the need for any additional study and revised recommendations pertinent to the proposed development, if necessary.

## 2.0 Site Description

The 13.66-acre subject property is located within the north 10900 block and north side of Woodside Drive, west of Mission Park Place, in the City of Santee. The generally flag-shaped parcel is slightly elongated in an east to west direction with topography of the relatively level property descending from gradually from a south to north direction on the order of a few feet. The parcel is occupied by Santee Drive-In Theatre with a few small buildings and surrounding asphalt pavement. The San Diego River is located approximately 150 to 200 feet north of the subject site. The project site is elevated about 25 to 30 feet in height and gradually descends from property line at an overall gradient of 6 to 1 (horizontal to vertical) towards the river.

## 3.0 Site Exploration

The investigation consisted of the placement of nine (9) subsurface exploratory borings by a truck mounted hollow stem auger to depths ranging between 5 and 50 feet and three (3) CPT soundings to a depth of 50 feet below current ground elevations. The explorations were visually classified and logged by a field engineer. An on-field computer generated CPT log provides output data with the penetration resistance values and inferred soil description. The locations of the previous borings and recent CPT soundings are shown on the Geologic Map.

The exploratory borings revealed the existing earth materials to consist of fill and alluvium soil. Detailed descriptions of the subsurface conditions are listed on the boring logs in Appendix A. It should be noted that the transition from one soil type to another as shown on the boring logs is approximate and may in fact be a gradual transition. The soils encountered are described as follows:

**Fill (Af):** A man-made fill classifying as a brown, fine to coarse grained, silty SAND with occasional small gravel was encountered to a depth ranging from 1 to 2 feet below ground surface. These soils were noted to be medium dense and moist.

**Natural (Qoa):** An undisturbed alluvial soil classifying as a light brown, medium to coarse grained, SAND to a brown fine to coarse grained, slightly silty to silty SAND was encountered beneath the fill soils. These native soils were observed to be medium dense and damp to wet.

The overall engineering characteristics of the earth material were relatively uniform with each excavation. Groundwater was encountered at a depth of 23 and 24 feet below existing ground surface.

## 4.0 Laboratory Tests

Relatively undisturbed samples of the subsurface soils were obtained to perform laboratory testing and analysis for direct shear, consolidation tests, and to determine in-place moisture/densities. These relatively undisturbed ring samples were obtained by driving a thin-walled steel sampler lined with one-inch long brass rings with an inside diameter of 2.42 inches into the undisturbed soils. Bulk bag samples were obtained in the upper soils for expansion index tests and maximum density tests.

Standard penetration tests were obtained by driving a steel sampler unlined with an inside diameter of 1.5 inches into the soils. This standard penetrometer sampler was driven a total of eighteen inches with blow counts tallied every six inches. Blow count data is given on the Boring Logs in Appendix A. All test results are included in Appendix B, unless otherwise noted.

4.1 **Field Moisture Content** (ASTM: D 2216) and the dry density of the ring samples were determined in the laboratory. This data is listed on the logs of explorations.

4.2 **Sieve analyses** (ASTM: D 422-63) and the percent by weight of soil finer than the No. 200 sieve (ASTM: 1140) were performed on selected soil samples. These results are shown later within the body of this report.

4.3 **Maximum Density tests** (ASTM: D 1557) were performed on typical samples of the upper soils. Results of these tests are shown on Table I.

4.4 **Expansion Index tests** (ASTM: D 4829) were performed on remolded samples of the upper soils to determine expansive characteristics. Results of these tests are provided on Table II.

4.5 **Atterberg Limits** (ASTM: D 4318) consisting of liquid limit, plastic limit and plasticity index were performed on representative soil samples. Results are shown on Table III.

4.6 **Corrosion tests** consisting of sulfate, pH, resistivity and chloride analysis to determine potential corrosive effects of soils on concrete and underground utilities. Test results are provided on Table III.

4.7 **R-Value test** per California Test Method 301 was performed on a representative sample, which may be anticipated to be near subgrade to determine pavement design. Results are provided within the pavement design section of the report.

4.8 **Direct Shear tests** (ASTM: D 3080) were performed on undisturbed and/or remolded samples of the subsurface soils. The test is performed under saturated conditions at loads of 1,000 lbs./sq.ft., 2,000 lbs./sq.ft., and 3,000 lbs./sq.ft. with results shown on Plates A and B.

4.9 **Consolidation tests** (ASTM: D 2435) were performed on undisturbed samples to determine the differential and total settlement which may be anticipated based upon the proposed loads. Water was added to the samples at a surcharge of one KSF and the settlement curves are plotted on Plates C to E.

## 5.0 Seismicity Evaluation

The proposed development lies outside of any Alquist Priolo Special Studies Zone and the potential for damage due to direct fault rupture is considered unlikely. The site is situated in an area of high regional seismicity and the nearest fault is located about 15 kilometers from the site. Ground shaking originating from earthquakes along other active faults in the region is expected to induce lower horizontal accelerations due to smaller anticipated earthquakes and/or greater distances to other faults.

The seismic design acceleration parameters for the project site are provided on the following page based on the ASCE/SEI 7-16 American Society of Civil Engineers (ASCE) website, https://asce7hazardtool.online/. The seismic design report is attached is Appendix C

**Seismic Design Acceleration Parameters**

| | |
|---|---|
| Latitude | 32.848 |
| Longitude | -116.959 |
| Site Class | D |
| Risk Category | II |
| Mapped Spectral Response Acceleration | $S_S$ = 0.766<br>$S_1$ = 0.282 |
| Adjusted Maximum Acceleration | $S_{MS}$ = 1.194 |
| Design Spectral Response Acceleration Parameters | $S_{DS}$ = 0.610 |
| Peak Ground Acceleration | $PGA_M$ = 0.417 |

Use of these values is dependent on requirements of ASCE 7-16, 11-4.8, Exception 2 that requires the value of the seismic response coefficient $C_s$ be determined by Equation 12.8.2 for values of $T \leq 1.5T_s$ and taken as equal to 1.5 times the value computed in accordance with either 12.8-3 for $T_L \geq T \geq 1.5T_s$ or Equation 12.8-4 for $T > T_L$. Computations and verification of these conditions is referred to the structural engineer.

## 6.0 Liquefaction Evaluation

The site is expected to experience ground shaking and earthquake activity that is typical of Southern California area. It is during severe ground shaking that loose, granular soils below the groundwater table can liquefy. Based upon information shown on the "County of San Diego Hazard Mitigation Planning Map" dated 2009, the subject site is situated within an area of liquefaction. A review of the exploratory boring log and the laboratory test results on selected soil samples obtained indicate the following soil classifications, field blowcounts and amounts of fines passing through the No. 200 sieve.

**Field Blowcount and Gradation Data**

| Boring No. | Classification | Blowcounts (blows/ft) | Relative Density | % Passing No. 200 Sieve |
|---|---|---|---|---|
| B-3 @ 5' | SW | 7 | Medium Dense | 5 |
| B-3 @ 10' | SW | 12 | Medium Dense | 5 |
| B-3 @ 15' | SW | 12 | Medium Dense | 3 |
| B-3 @ 20' | CL | 12 | Medium Stiff | 64 |
| B-3 @ 25' | SW | 20 | Dense | 4 |
| B-3 @ 30' | SW | 20 | Very Dense | 4 |
| B-3 @ 35' | SW | 31 | Very Dense | 3 |
| B-3 @ 40' | SW | 37 | Very Dense | 3 |
| B-3 @ 45' | SW | 32 | Very Dense | 5 |
| B-3 @ 50' | SW | 33 | Very Dense | 8 |

Groundwater was encountered at a depth of 23 and 24 feet below ground surface. A nearby groundwater monitoring well located approximately 1.5 miles to the northeast from the subject site noted a groundwater depth ranging between 18 and 22 feet below ground surface measured between May 2016 and August 2022.

Our updated liquefaction evaluation was performed using a CPT-1, CPT-2A and CPT-3 output data due to a local Magnitude 6.9 earthquake with an historical high groundwater depth of 20 feet. The estimated seismic settlements are listed below based on a Peak Ground Acceleration of 0.42g with our calculations given in Appendix B.

| Location | Seismic Settlement |
|---|---|
| CPT-1 | 7/8" |
| CPT-2A | 5/8" |
| Boring B-3 | 7/8" |
| CPT-3 | 7/8" |

Very dense sands were encountered at depths of 36 to 44 feet in the CPT soundings. The seismic settlements should be 7/8 inch or less in the building pad area. Differential settlements would be on the order of ¼ inch over a 50 feet (horizontal) distance. Our seismic settlement calculations are included in Appendix C.

## 7.0 Infiltration Characteristics

The proposed infiltration chamber system is located towards the back of the property as shown on the attached Geologic Map. The field exploration consisted of three (3) exploratory borings by a truck mounted hollow stem auger to depths of 10 feet below ground surface (bgs) to determine the subsurface soil conditions. The borings encountered surficial fill underlain by alluvial deposits consisting of a brown, medium to coarse grained silty to slightly silty SAND with occasional gravel. These soils were noted to be medium dense and damp to moist. The location of the exploratory borings are shown on the attached Site Plan. Detailed description of the subsurface soils is shown on the attached logs in Appendix A.

Infiltration tests were performed in accordance with the County of San Diego BMP Design Manual Appendix D – Geotechnical Engineer Analysis dated September 15, 2020 with field infiltration rates calculated using the Porchet Method (aka Inverse Borehole Method). The borings consisted of six-inch diameter test holes. A three-inch diameter perforated PVC casing with solid end cap was installed in the borings and then surrounded with gravel materials to prevent caving.

The infiltration holes were carefully filled with clean water and refilled after two initial readings. Based upon the initial rates of infiltration at each location, test measurements were measured at selected maximum intervals thereafter. Measurements were obtained by using an electronic tape measure with 1/16-inch divisions and timed with a stopwatch.

Based upon the results of our testing, the soils encountered in the planned on-site drainage disposal system area exhibit the following field infiltration rates which do not include a factor of safety. The drainage disposal system shall utilize design infiltration rates based on the safety factor required by the county standard. Calculations are based on the Porchet Method and are provided in Appendix D.

| Boring/Test No. | Depth | Soil Classification | Field Infiltration Rate |
|---|---|---|---|
| TH-1 | 10' | Silty SAND | 50 in/hr |
| TH-2 | 10' | Silty SAND | 150 in/hr |
| TH-3 | 10' | Silty SAND | 150 in/hr |

Groundwater was encountered at a depth of 23 and 24 feet below ground surface. A nearby groundwater monitoring well located approximately 1.5 miles to the northeast from the subject site noted a groundwater depth ranging between 18 and 22 feet below ground surface measured between May 2016 and August 2022.

All systems must meet the latest city and/or county specifications and the California Regional Water Quality Control Board (CRWQCB) requirements. It is recommended that foundations shall be setback a minimum distance of 10 feet from the drainage disposal system and the bottom of footing shall be a minimum of 10 feet from the expected zone of saturation. The boundary of the zone of saturation may be assumed to project downward from the top of the permeable portion of the disposal system at an inclination of 1 to 1 or flatter, as determined by the geotechnical engineer.

## 8.0 Conclusions and Recommendations

Based upon our evaluations, the proposed development is acceptable from a geotechnical engineering standpoint. By following the recommendations and guidelines set forth in our report, the structures will be safe from excessive settlements under the anticipated design loadings and conditions. The proposed development shall meet all requirements of the City Building Ordinance and will not impose any adverse effect on existing adjacent structures.

The following recommendations are based upon soil conditions encountered in our field investigation; these near-surface soil conditions could vary across the site. Variations in the soil conditions may not become evident until the commencement of grading operations for the proposed development and revised recommendations from the geotechnical engineer may be necessary based upon the conditions encountered.

It is recommended that site inspections be performed by a representative of this firm during all grading and construction of the development to verify the findings and recommendations documented in this report. Any unusual conditions which may be encountered in the course of the project development may require the need for additional study and revised recommendations.

## 8.1 Site Grading Recommendations

Any vegetation and/or demolition debris shall be removed and hauled from proposed grading areas prior to the start of grading operations. Existing vegetation shall not be mixed or disced into the soils. Any removed soils may be reutilized as compacted fill once any deleterious material or oversized materials (in excess of eight inches) is removed. Grading operations shall be performed in accordance with the attached *Specifications for Placement of Compacted Fill.*

### 8.1.1 Removal and Recompaction Recommendations

All disturbed soils and/or fill (about 1 to 2 feet below ground surface) shall be removed to competent native material (relative compaction > 90%), the exposed surface scarified to a depth of 12 inches, brought to within 2% of optimum moisture content and compacted to a minimum of 90% of the laboratory standard (ASTM: D 1557) prior to placement of any additional compacted fill soils, foundations, slabs-on-grade and pavement. Grading shall extend a minimum of five horizontal feet outside the edges of foundations or equidistant to the depth of fill placed, whichever is greater.

It is possible that isolated areas of undiscovered fill not described in this report are present on site; if found, these areas should be treated as discussed earlier. A diligent search shall also be conducted during grading operations in an effort to uncover any underground structures, irrigation or utility lines. If encountered, these structures and lines shall be either removed or properly abandoned prior to the proposed construction.

Any imported fill material should be preferably soil similar to the upper soils encountered at the subject site. All soils shall be approved by this firm prior to importing at the site and will be subjected to additional laboratory testing to assure concurrence with the recommendations stated in this report.

If placement of slabs-on-grade and pavement is not completed immediately upon completion of grading operations, additional testing and grading of the areas may be necessary prior to continuation of construction operations. Likewise, if adverse weather conditions occur which may damage the subgrade soils, additional assessment by the soils engineer as to the suitability of the supporting soils may be needed.

Care should be taken to provide or maintain adequate lateral support for all adjacent improvements and structures at all times during the grading operations and construction phase. Adequate drainage away from the structures, pavement and slopes should be provided at all times.

### 8.1.2 Fill Blanket Recommendations

Due to the potential for differential settlement of foundations placed on compacted fill and native materials, it is recommended that all foundations including floor slab areas be underlain by a uniform compacted fill blanket at least two feet in thickness. This fill blanket shall extend a minimum of five horizontal feet outside the edges of foundations or equidistant to the depth of fill placed, whichever is greater.

## 8.2 Shrinkage and Subsidence

Results of our in-place density tests reveal that the soil shrinkage will be on the order of 10 to 15% due to excavation and recompaction, based upon the assumption that the fill is compacted to 92% of the maximum dry density per ASTM standards. Subsidence should be 0.2 feet die to earthwork operations. The volume change does not include any allowance for vegetation or organic stripping, removal of subsurface improvements, or topographic approximations. Although these values are only approximate, they represent our best estimate of lost yardage, which will likely occur during grading. If more accurate shrinkage and subsidence factors are needed, it is recommended that field testing the actual equipment and grading techniques should be conducted.

## 8.3 Temporary Excavations

Temporary unsurcharged excavations in the existing site materials may be made at vertical inclinations up to 3 feet in height unless cohesionless soils are encountered. In areas where soils with little or no binder are encountered, where adverse geological conditions are exposed, or where excavations are adjacent to existing structures, shoring or flatter excavations may be required. The temporary cut slope gradients given above do not preclude local raveling and sloughing. Additional recommendations regarding specific excavations may be provided once typical detail sections are made available.

All excavations shall be made in accordance with the requirements of the geotechnical engineer, CAL-OSHA and other public agencies having jurisdiction. Care should be taken to provide or maintain adequate lateral support for all adjacent improvements and structures at all times during the grading operations and construction phase.

## 8.4 Foundation Design

All foundations for the proposed building may be designed utilizing the following allowable bearing capacities for an embedded depth of 18 inches into approved engineered fill with the corresponding widths:

| Allowable Bearing Capacity (psf) | | |
|---|---|---|
| Width (feet) | Continuous Foundation | Isolated Foundation |
| 1.5 | 2000 | 2500 |
| 2.0 | 2075 | 2575 |
| 4.0 | 2075 | 2875 |
| 6.0 | 2500 | 3000 |

The bearing value may be increased by 500 psf for each additional foot of depth in excess of the 18-inch minimum depth, up to a maximum of 4,000 psf. A one-third increase may be used when considering short-term loading and seismic forces. Any foundations located along property line may utilize an allowable bearing capacity of 1,500 psf and embedded into competent native soils. A representative of this firm shall inspect all foundation excavations prior to pouring concrete.

## 8.5 Settlement Analysis

Resultant pressure curves for the consolidation tests are shown on Plates C to E. Computations utilizing these curves and the recommended allowable soil bearing capacities reveal that the foundations will experience settlements on the order of ¾ inch and differential settlements of less than ¼ inch.

## 8.6 Lateral Resistance

The following values may be utilized in resisting lateral loads imposed on the structure. Requirements of the California Building Code should be adhered to when the coefficient of friction and passive pressures are combined.

Coefficient of Friction - 0.40

Equivalent Passive Fluid Pressure = 250 lbs./cu.ft.

Maximum Passive Pressure = 2,500 lbs./cu.ft.

The passive pressure recommendations are valid only for approved compacted fill soils or competent native materials.

8.7 **Retaining Wall Design Parameters**

Active earth pressures against retaining walls will be equal to the pressures developed by the following fluid densities. These values are for **approved granular backfill material** placed behind the walls at various ground slopes above the walls.

| Surface Slope of Retained Materials (Horizontal to Vertical | Equivalent Fluid Density (lb./cu.ft.) |
|---|---|
| Level | 30 |
| 5 to 1 | 3● |
| 4 to 1 | 3● |
| 4 to 1 | 40 |
| 5 to 1 | 4● |

Any applicable short-term construction surcharges and seismic forces should be added to the above lateral pressure values. An equivalent fluid pressure of 45 pcf may be utilized for the restrained wall condition with a level grade behind the wall.

The seismic-induced lateral soil pressure for walls greater than 6 feet may be computed using a triangular pressure distribution with the maximum value at the top of the wall. The maximum lateral pressure of (20 pcf) H where H is the height of the retained soils above the wall footing should be used in final design of retaining walls. Sliding resistance values and passive fluid pressure values may be increased by 1/3 during short-term wind and seismic loading conditions.

All walls shall be waterproofed as needed and protected from hydrostatic pressure by a reliable permanent subdrain system. The granular backfill to be utilized immediately adjacent to retaining walls shall consist of an approved select granular soil with a sand equivalency greater than 30.

This backfill zone of free draining material shall consist of a wedge beginning a minimum of one horizontal foot from the base of the wall extending upward at an inclination of no less than ¾ to 1 (horizontal to vertical).

## 8.8 Slab Design

All concrete slabs shall be a minimum of six inches in thickness in the proposed warehouse areas and four inches in office and hardscape placed on approved subgrade soils. Additional reinforcement requirements and an increase in thickness of the slabs-on-grade may be necessary based upon proposed loading conditions in the structures and should be evaluated further by the project engineers and/or architect.

A vapor retarder (10-mil minimum thickness) should be utilized in areas which would be sensitive to the infiltration of moisture. This retarder shall meet requirements of ASTM E 96, *Water Vapor Transmission of Materials* and ASTM E 1745, *Standard Specification for Water Vapor Retarders used in Contact with Soil or Granular Fill Under Concrete Slabs.* The vapor retarder shall be installed in accordance with procedures stated in ASTM E 1643, *Standard practice for Installation of Water Vapor Retarders used in Contact with Earth or Granular Fill Under Concrete Slabs.*

The moisture retarder may be placed directly upon compacted subgrade soils conditioned to near optimum moisture levels, although one to two inches of sand beneath the membrane is desirable. The subgrade upon which the retarder is placed shall be smooth and free of rocks, gravel or other protrusions which may damage the retarder. Use of sand above the retarder is under the purview of the structural engineer; if sand is used over the retarder, it should be placed in a dry condition.

## 8.9 Pavement Section Design

The table on the following page provides a preliminary pavement design based upon an R-Value of 78 for the subgrade soils for the proposed pavement areas. Final pavement design may need to be based on R-Value testing of the subgrade soils near the conclusion of site grading to assure that these soils are consistent with those assumed in this preliminary design. *The recommendations are based upon estimated traffic loads. Client should submit any other anticipated traffic loadings to the geotechnical engineer, if necessary, so that pavement sections may be reviewed to determine adequacy to support the proposed loadings.*

| Type of Traffic | Traffic Index | Asphalt (in.) | Base Material (in.) |
|---|---|---|---|
| Automobile Parking Stalls | 4.0 | 4.0 | 4.0 |
| Light Vehicle Circulation Areas | 5.5 | 5.5 | 5.5 |
| Heavy Truck Access Areas | 7.0 | 4.0 | 8.0 |

Any concrete slab-on-grade in pavement areas shall be a minimum of seven inches in thickness and may be placed on approved subgrade soils. All pavement areas shall have positive drainage toward an approved outlet from the site. Drain lines behind curbs and/or adjacent to landscape areas should be considered by client and the appropriate design engineers to prevent water from infiltrating beneath pavement. If such infiltration occurs, damage to pavement, curbs and flow lines, especially on sites with expansive soils, may occur during the life of the project.

Any approved base material shall consist of a Class II aggregate or equivalent and should be compacted to a minimum of 95% relative compaction. All pavement materials shall conform to the requirements set forth by the City of Santee. The base material; and asphaltic concrete should be tested prior to delivery to the site and during placement to determine conformance with the project specifications. A pavement engineer shall designate the specific asphalt mix design to meet the required project specifications.

8.10 **Utility Trench and Excavation Backfill**

Trenches from installation of utility lines and other excavations may be backfilled with on-site soils or approved imported soils compacted to a minimum of 90% relative compaction. All utility lines shall be properly bedded with clean sand having a sand equivalency rating of 30 or more. This bedding material shall be thoroughly water jetted around the pipe structure prior to placement of compacted backfill soils.

8.11 **Corrosion Design Criteria**

Representative samples of the surficial soils, typical of the subgrade soils expected to be encountered within foundation excavations and underground utilities were tested for corrosion potential. The minimum resistivity value obtained for the samples tested is representative of an environment that may be severely corrosive to metals. The soil pH value was considered mildly acidic and may not have a significant effect on soil corrosivity. Consideration should be given to corrosion protection systems for buried metal such as protective coatings, wrappings or the use of PVC where permitted by local building codes.

According to Table 4.3.1 of ACI 318 Building Code and Commentary, these contents revealed negligible sulfate concentrations. Therefore, a Type II cement according to latest CBC specifications may be utilized for building foundations at this time. It is recommended that additional sulfate tests be performed at the completion of site grading to assure that the as graded conditions are consistent with the recommendations stated in this design. Corrosion test results may be found on the attached Table IV.

8.12 **Expansive Soil**

If expansive soils are encountered, special attention should be given to the project design and maintenance. The attached *Expansive Soil Guidelines* should be reviewed by the engineers, architects, owner, maintenance personnel and other interested parties and considered during the design of the project and future property maintenance.

## 9.0 Closure

The recommendations and conclusions contained in this report are based upon the soil conditions uncovered in our test excavations. No warranty of the soil condition between our excavations is implied. NorCal Engineering should be notified for possible further recommendations if unexpected to unfavorable conditions are encountered during construction phase. It is the responsibility of the owner to ensure that all information within this report is submitted to the Architect and appropriate Engineers for the project.

A preconstruction conference should be held between the developer, general contractor, grading contractor, city inspector, architect, and geotechnical engineer to clarify any questions relating to the grading operations and subsequent construction. Our representative should be present during the grading operations and construction phase to certify that such recommendations are complied within the field.

This geotechnical investigation has been conducted in a manner consistent with the level of care and skill exercised by members of our profession currently practicing under similar conditions in the Southern California area. No other warranty, expressed or implied is made.

We appreciate this opportunity to be of service to you. If you have any further questions, please do not hesitate to contact the undersigned.

Respectfully submitted,
NORCAL ENGINEERING

Keith D. Tucker
Project Engineer
R.G.E. 841

REGISTERED PROFESSIONAL ENGINEER
KEITH D. TUCKER
No. 841
Exp. 12/31/2024
GEOTECHNICAL
STATE OF CALIFORNIA

Scott D. Spensiero
Project Manager

## References

1. American Society of Civil Engineers (ASCE) website, https://asce7hazardtool.online/

2. California Building Code, 2022.

3. California Department of Conservation, California Geological Survey, 2007, Fault-Rupture Hazard Zones in California; Special Publication 42.

4. California Department of Water Resources, Internet Website, http://www.water.ca.gov/waterdatalibrary/index.cfm.

5. California Division of Mines and Geology, 2008, Guidelines for Evaluating and Mitigating Seismic Hazards in California: Special Publication 117A.

6. City of Santee - Safety Element.

7. County of San Diego BMP Design Manual Appendix D – Geotechnical Engineer Analysis dated September 15, 2020.

8. NorCal Engineering – "Response to Geotechnical Third-Party Review - Proposed Industrial Warehouse Development - Located at 10229 N. Woodside Drive, in the City of Santee, California" dated August 25, 2023.

9. NorCal Engineering – "Second Response to Geotechnical Third-Party Review - Proposed Industrial Warehouse Development - Located at 10229 N. Woodside Drive, in the City of Santee, California" dated January 5, 2024.

10. NorCal Engineering – "Updated Soil Infiltration Study - Proposed Industrial Warehouse Development - Located at 10229 N. Woodside Drive, in the City of Santee, California" dated March 18, 2024.

## SPECIFICATIONS FOR PLACEMENT OF COMPACTED FILL

### Excavation

Any existing low-density soils and/or saturated soils shall be removed to competent natural soil under the inspection of the Geotechnical Engineering Firm. After the exposed surface has been cleansed of debris and/or vegetation, it shall be scarified until it is uniform in consistency, brought to the proper moisture content and compacted to a minimum of 90% relative compaction (in accordance with ASTM: D 1557).

In any area where a transition between fill and native soil or between bedrock and soil are encountered, additional excavation beneath foundations and slabs will be necessary in order to provide uniform support and avoid differential settlement of the structure.

### Material for Fill

The on-site soils or approved import soils may be utilized for the compacted fill provided they are free of any deleterious materials and shall not contain any rocks, brick, asphaltic concrete, concrete or other hard materials greater than eight inches in maximum dimensions. Any import soil must be approved by the Geotechnical Engineering firm a minimum of 72 hours prior to importation of site.

### Placement of Compacted Fill Soils

The approved fill soils shall be placed in layers not excess of six inches in thickness. Each lift shall be uniform in thickness and thoroughly blended. The fill soils shall be brought to within 2% of the optimum moisture content, unless otherwise specified by the Soils Engineering firm. Each lift shall be compacted to a minimum of 90% relative compaction (in accordance with ASTM: D 1557) and approved prior to the placement of the next layer of soil. Compaction tests shall be obtained at the discretion of the Geotechnical Engineering firm but to a minimum of one test for every 500 cubic yards placed and/or for every 2 feet of compacted fill placed.

The minimum relative compaction shall be obtained in accordance with accepted methods in the construction industry. The final grade of the structural areas shall be in a dense and smooth condition prior to placement of slabs-on-grade or pavement areas. No fill soils shall be placed, spread or compacted during unfavorable weather conditions. When the grading is interrupted by heavy rains, compaction operations shall not be resumed until approved by the Geotechnical Engineering firm.

**Grading Observations**

The controlling governmental agencies should be notified prior to commencement of any grading operations. This firm recommends that the grading operations be conducted under the observation of a Soils Engineering firm as deemed necessary. A 24-hour notice must be provided to this firm prior to the time of our initial inspection.

Observation shall include the clearing and grubbing operations to assure that all unsuitable materials have been properly removed; approve the exposed subgrade in areas to receive fill and in areas where excavation has resulted in the desired finished grade and designate areas of overexcavation; and perform field compaction tests to determine relative compaction achieved during fill placement. In addition, all foundation excavations shall be observed by the Geotechnical Engineering firm to confirm that appropriate bearing materials are present at the design grades and recommend any modifications to construct footings.

## EXPANSIVE SOIL GUIDELINES

The following expansive soil guidelines are provided for your project. The intent of these guidelines is to inform you, the client, of the importance of proper design and maintenance of projects supported on expansive soils. ***You, as the owner or other interested party, should be warned that you have a duty to provide the information contained in the soil report including these guidelines to your design engineers, architects, landscapers and other design parties in order to enable them to provide a design that takes into consideration expansive soils.***

*In addition, you should provide the soil report with these guidelines to any property manager, lessee, property purchaser or other interested party that will have or assume the responsibility of maintaining the development in the future.*

Expansive soils are fine-grained silts and clays which are subject to swelling and contracting. The amount of this swelling and contracting is subject to the amount of fine-grained clay materials present in the soils and the amount of moisture either introduced or extracted from the soils. Expansive soils are divided into five categories ranging from "very low" to "very high". Expansion indices are assigned to each classification and are included in the laboratory testing section of this report. *If the expansion index of the soils on your site, as stated in this report, is 21 or higher, you have expansive soils.* The classifications of expansive soils are as follows:

**Classification of Expansive Soil***

| Expansion Index | Potential Expansion |
|---|---|
| 0-20 | Very Low |
| 21-50 | Low |
| 51-90 | Medium |
| 91-130 | High |
| Above 130 | Very High |

*From Table 18A-I-B of California Building Code (1988)

When expansive soils are compacted during site grading operations, care is taken to place the materials at or slightly above optimum moisture levels and perform proper compaction operations. Any subsequent excessive wetting and/or drying of expansive soils will cause the soil materials to expand and/or contract. These actions are likely to cause distress of foundations, structures, slabs-on-grade, sidewalks and pavement over the life of the structure. ***It is therefore imperative that even after construction of improvements, the moisture contents are maintained at relatively constant levels, allowing neither excessive wetting or drying of soils.***

Evidence of excessive wetting of expansive soils may be seen in concrete slabs, both interior and exterior. Slabs may lift at construction joints producing a trip hazard or may crack from the pressure of soil expansion. Wet clays in foundation areas may result in lifting of the structure causing difficulty in the opening and closing of doors and windows, as well as cracking in exterior and interior wall surfaces. In extreme wetting of soils to depth, settlement of the structure may eventually result. Excessive wetting of soils in landscape areas adjacent to concrete or asphaltic pavement areas may also result in expansion of soils beneath pavement and resultant distress to the pavement surface.

Excessive drying of expansive soils is initially evidenced by cracking in the surface of the soils due to contraction. Settlement of structures and on-grade slabs may also eventually result along with problems in the operation of doors and windows.

*Projects located in areas of expansive clay soils will be subject to more movement and "hairline" cracking of walls and slabs than similar projects situated on non-expansive sandy soils.* There are, however, measures that developers and property owners may take to reduce the amount of movement over the life the development. The following guidelines are provided to assist you in both design and maintenance of projects on expansive soils:

- Drainage away from structures and pavement is essential to prevent excessive wetting of expansive soils. Grades should be designed to the latest building code and maintained to allow flow of irrigation and rain water to approved drainage devices or to the street. Any "ponding" of water adjacent to buildings, slabs and pavement after rains is evidence of poor drainage; the installation of drainage devices or regrading of the area may be required to assure proper drainage. Installation of rain gutters is also recommended to control the introduction of moisture next to buildings. Gutters should discharge into a drainage device or onto pavement which drains to roadways.

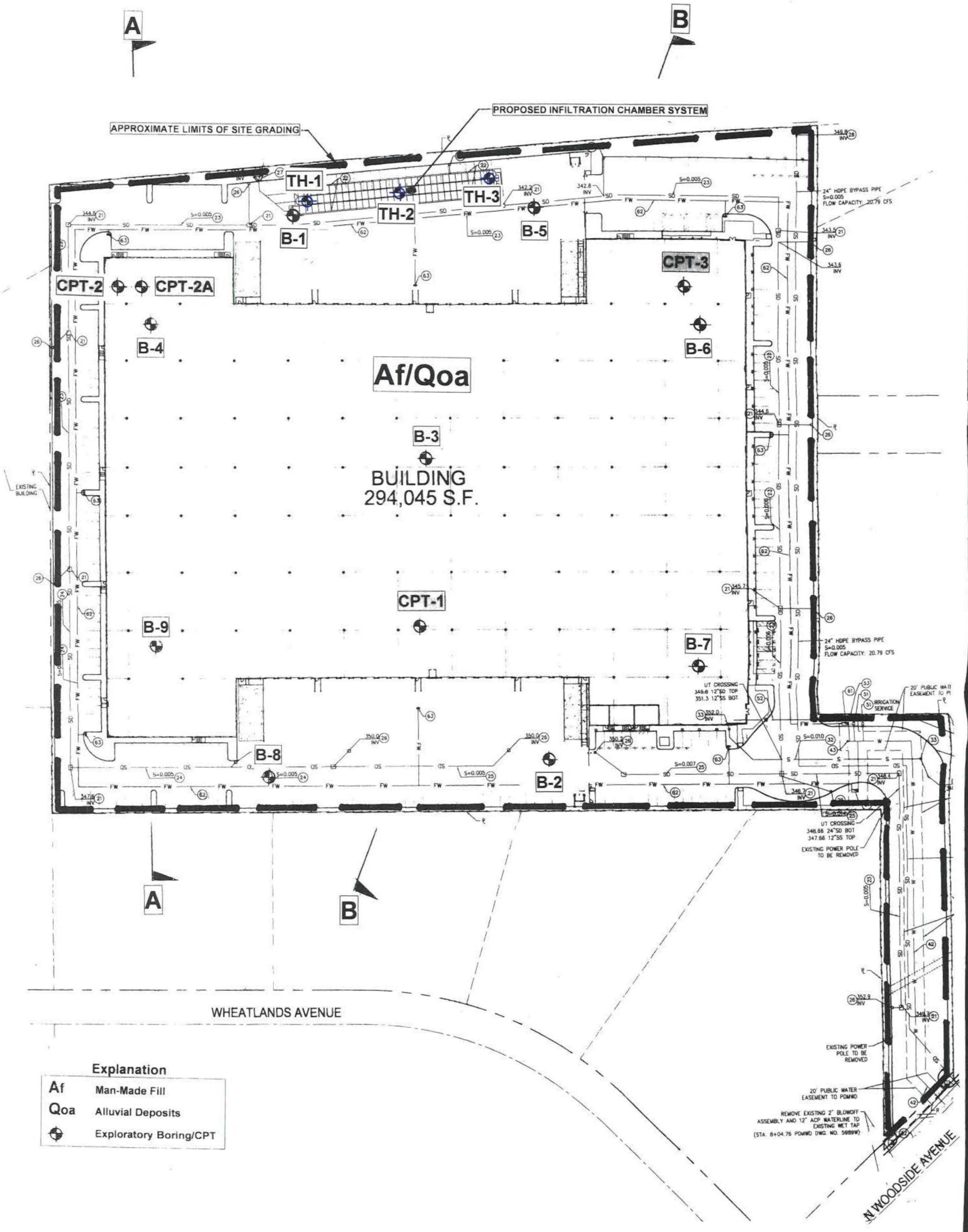
- Irrigation should be strictly controlled around building foundations, slabs and pavement and may need to be adjusted depending upon season. This control is essential to maintain a relatively uniform moisture content in the expansive soils and to prevent swelling and contracting. Over-watering adjacent to improvements may result in damage to those improvements. NorCal Engineering makes no specific recommendations regarding landscape irrigation schedules.

- Planting schemes for landscaping around structures and pavement should be analyzed carefully. Plants (including sod) requiring high amounts of water may result in excessive wetting of soils. Trees and large shrubs may actually extract moisture from the expansive soils, thus causing contraction of the fine-grained soils.

- Thickened edges on exterior slabs will assist in keeping excessive moisture from entering directly beneath the concrete. A six-inch thick or greater deepened edge on slabs may be considered. Underlying interior and exterior slabs with 6 to 12 inches or more of non-expansive soils and providing presaturation of the underlying clayey soils as recommended in the soil report will improve the overall performance of on-grade slabs.

- Increase the amount of steel reinforcing in concrete slabs, foundations and other structures to resist the forces of expansive soils. The precise amount of reinforcing should be determined by the appropriate design engineers and/or architects.

- Recommendations of the soil report should always be followed in the development of the project. Any recommendations regarding presaturation of the upper subgrade soils in slab areas should be performed in the field and verified by the Soil Engineer.




**Explanation**

| | |
|---|---|
| Af | Man-Made Fill |
| Qoa | Alluvial Deposits |
| ⊕ | Exploratory Boring/CPT |

Modified Site Plan by Herdman Architecture and Design dated November 2023.

NORTH

40 20 0 40 80

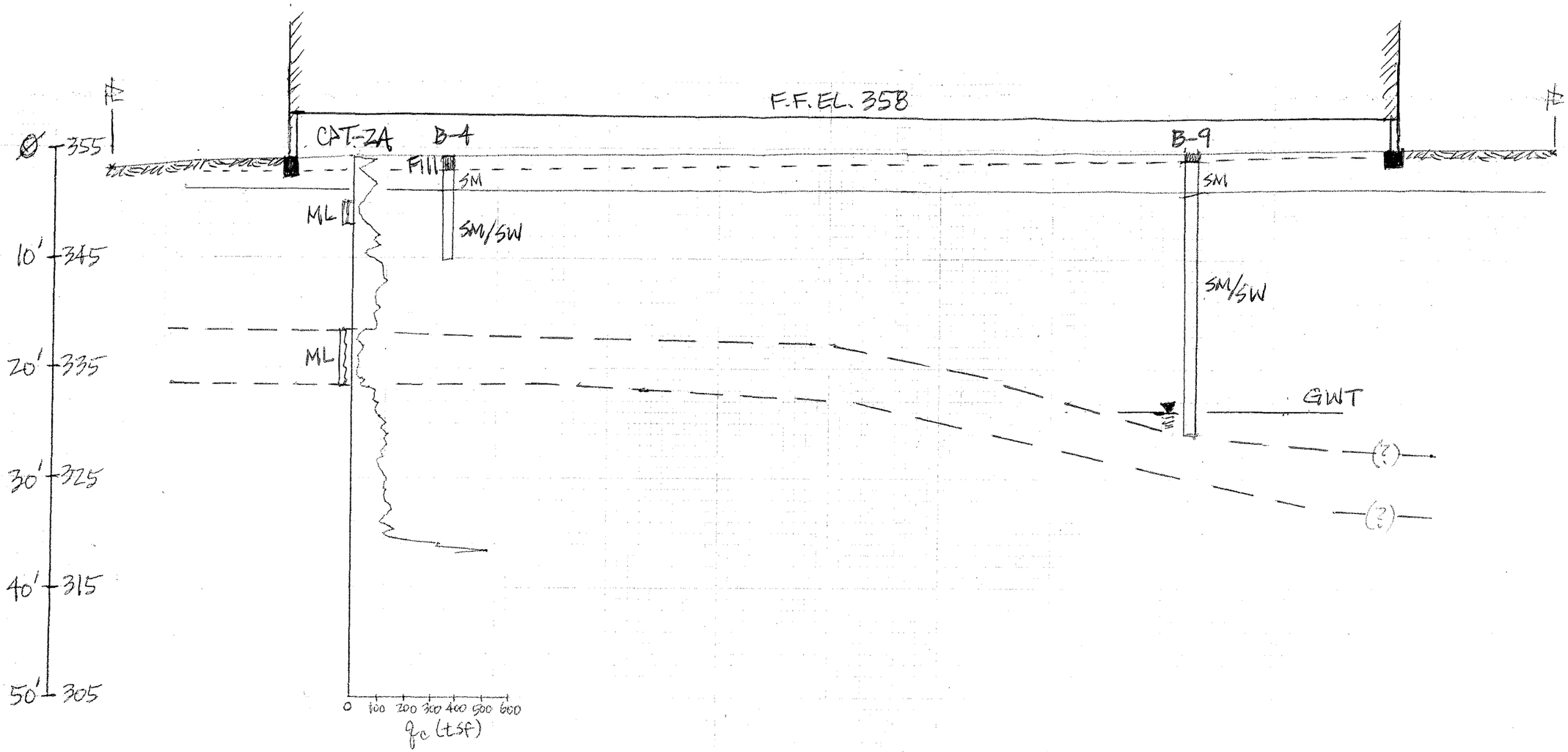
1 INCH = 100 FEET

# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT 23559-22 DATE MARCH 2024

## GEOLOGIC MAP

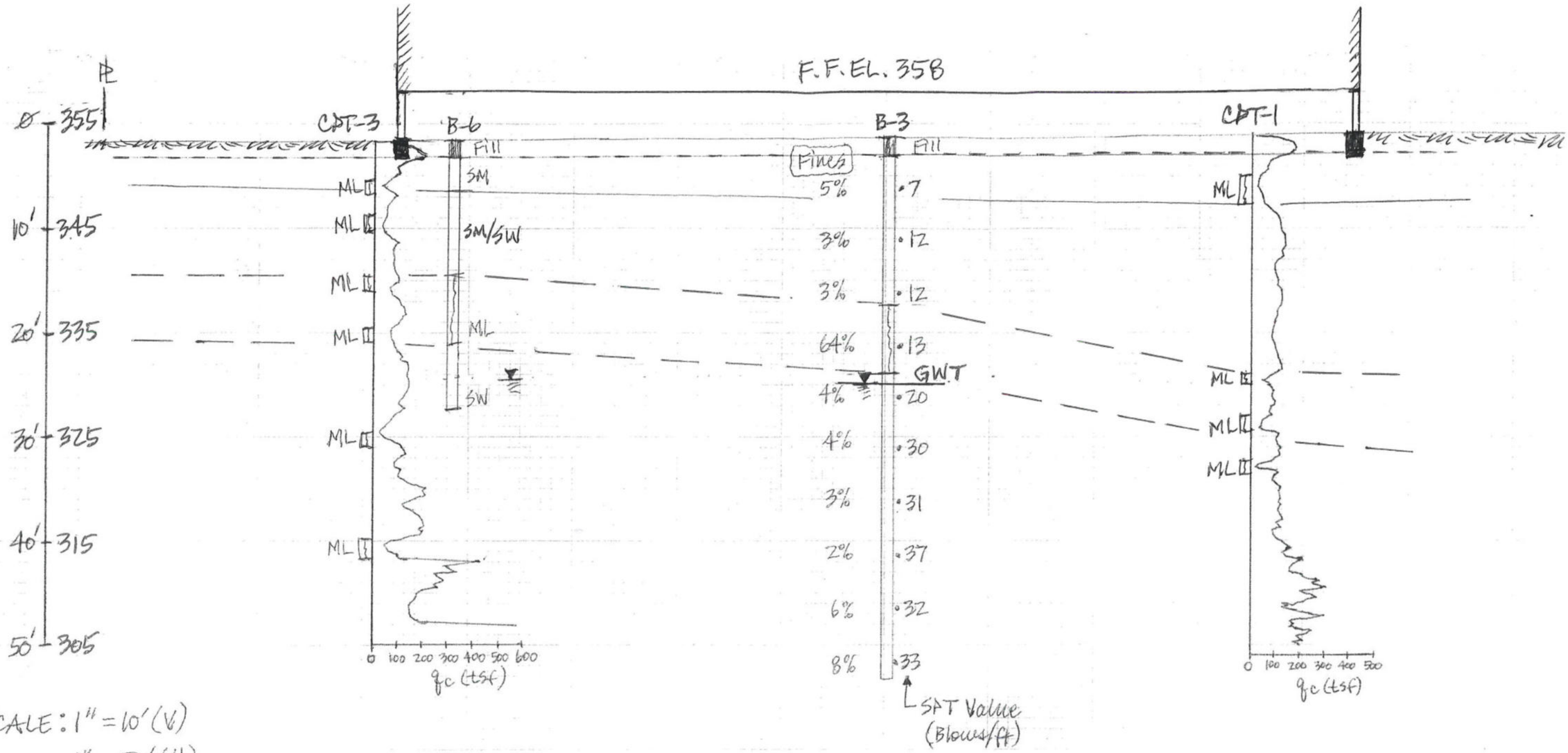



SCALE: 1" = 10' (V)
1" = 50' (H)

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT: 23559-22 | DATE: JANUARY 2024

# SECTION A-A

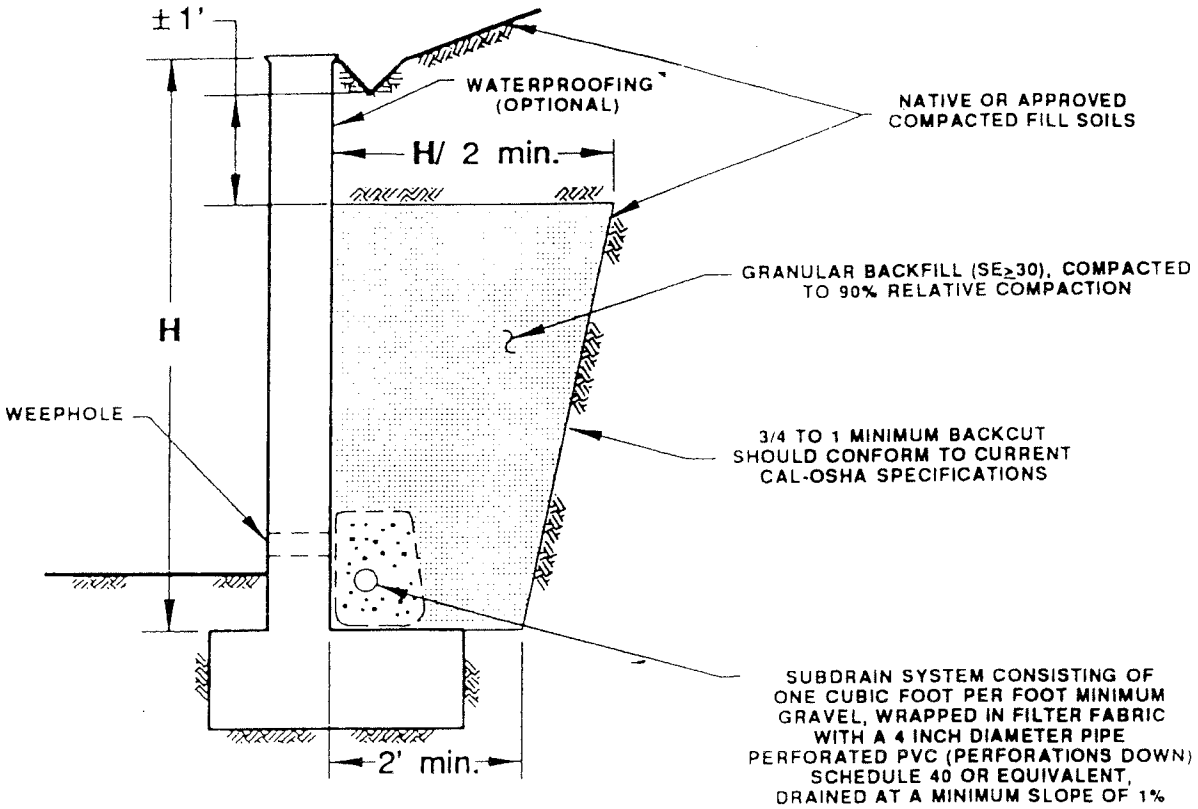



SCALE: 1" = 10' (V)
1" = 50' (H)

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT: 23559-22 | DATE: JANUARY 2024

**SECTION B-B**




INFORMATION DEPICTED ON THIS DETAIL IS FOR TYPICAL CONDITIONS AND ARE SUBJECT TO CHANGE BY THE GEOTECHNICAL CONSULTANT

| | |
|---|---|
| **NorCal Engineering**<br>SOILS AND GEOTECHNICAL CONSULTANTS | **RETAINING WALL DETAIL** |
| **PROJECT** 23559-22 | **DATE** JANUARY 2024 |

# List of Appendices
## (in order of appearance)

**Appendix A – Log of Excavations**

Log of Borings B-1 to B-9
Log of CPT-1 to CPT-3

**Appendix B – Laboratory Tests**

Table I – Maximum Dry Density
Table II – Expansion
Table III – Atterberg Limits
Table IV – Corrosion
R Value
Plates A and B – Direct Shear
Plates C to E - Consolidation

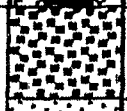
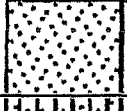
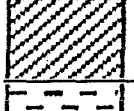
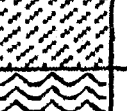
**Appendix C – Liquefaction Analysis**

ASCE/SEI 7-16 Seismic Design Report
Liquefaction Calculations

**Appendix D – Soil Infiltration Data**

Log of Test Holes TH-1 to TH-3
Field Data Sheets and Calculations

# Appendix A
## Log of Excavations

| MAJOR DIVISION | | | GRAPHIC SYMBOL | LETTER SYMBOL | TYPICAL DESCRIPTIONS |
|---|---|---|---|---|---|
| COARSE GRAINED SOILS | GRAVEL AND GRAVELLY SOILS | CLEAN GRAVELS (LITTLE OR NO FINES) |  | GW | WELL-GRADED GRAVELS, GRAVEL, SAND MIXTURES, LITTLE OR NO FINES |
| | | |  | GP | POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES |
| | MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE | GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES) |  | GM | SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES |
| | | |  | GC | CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES |
| | SAND AND SANDY SOILS | CLEAN SAND (LITTLE OR NO FINES) |  | SW | WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES |
| MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE | | |  | SP | POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES |
| | MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE | SANDS WITH FINE (APPRECIABLE AMOUNT OF FINES) |  | SM | SILTY SANDS, SAND-SILT MIXTURES |
| | | |  | SC | CLAYEY SANDS, SAND-CLAY MIXTURES |
| FINE GRAINED SOILS | SILTS AND CLAYS | LIQUID LIMIT LESS THAN 50 |  | ML | INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY |
| | | |  | CL | INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS |
| | | |  | OL | ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY |
| MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE | SILTS AND CLAYS | LIQUID LIMIT GREATER THAN 50 |  | MH | INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS |
| | | |  | CH | INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS |
| | | |  | OH | ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS |
| HIGHLY ORGANIC SOILS | | |  | PT | PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS |

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

# UNIFIED SOIL CLASSIFICATION SYSTEM

# KEY:

 Indicates 2.5-inch Inside Diameter. Ring Sample.

 Indicates 2-inch OD Split Spoon Sample (SPT).

 Indicates Shelby Tube Sample.

 Indicates No Recovery.

 Indicates SPT with 140# Hammer 30 in. Drop.

 Indicates Bulk Sample.

 Indicates Small Bag Sample.

 Indicates Non-Standard

 Indicates Core Run.

## COMPONENT PROPORTIONS

| DESCRIPTIVE TERMS | RANGE OF PROPORTION |
|---|---|
| Trace | 1 - 5% |
| Few | 5 - 10% |
| Little | 10 - 20% |
| Some | 20 - 35% |
| And | 35 - 50% |

## COMPONENT DEFINITIONS

| COMPONENT | SIZE RANGE |
|---|---|
| Boulders | Larger than 12 in |
| Cobbles | 3 in to 12 in |
| Gravel | 3 in to No 4 (4.5mm ) |
| Coarse gravel | 3 in to 3/4 in |
| Fine gravel | 3/4 in to No 4 ( 4.5mm ) |
| Sand | No. 4 ( 4.5mm ) to No. 200 ( 0.074mm ) |
| Coarse sand | No. 4 ( 4.5 mm ) to No. 10 ( 2.0 mm ) |
| Medium sand | No. 10 ( 2.0 mm ) to No. 40 ( 0.42 mm ) |
| Fine sand | No. 40 ( 0.42 mm ) to No. 200 ( 0.074 mm ) |
| Silt and Clay | Smaller than No. 200 ( 0.074 mm ) |

## MOISTURE CONTENT

| | |
|---|---|
| DRY | Absence of moisture, dusty, dry to the touch. |
| DAMP | Some perceptible moisture; below optimum |
| MOIST | No visible water; near optimum moisture content |
| WET | Visible free water, usually soil is below water table. |

## RELATIVE DENSITY OR CONSISTENCY VERSUS SPT N -VALUE

| COHESIONLESS SOILS | | COHESIVE SOILS | | |
|---|---|---|---|---|
| Density | N ( blows/ft ) | Consistency | N (blows/ft ) | Approximate Undrained Shear Strength (psf) |
| Very Loose | 0 to 4 | Very Soft | 0 to 2 | < 250 |
| Loose | 4 to 10 | Soft | 2 to 4 | 250 - 500 |
| Medium Dense | 10 to 30 | Medium Stiff | 4 to 8 | 500 - 1000 |
| Dense | 30 to 50 | Stiff | 8 to 15 | 1000 - 2000 |
| Very Dense | over 50 | Very Stiff | 15 to 30 | 2000 - 4000 |
| | | Hard | over 30 | > 4000 |

# North Palisade Partners
23559-22

# Log of Boring B-1

Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 3.5 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | Alluvium (Qoa) | | | | | |
| 5 | | SAND (medium to coarse graind) | | | | | |
| | | Light brown, medium dense, damp; slightly silty | | | | | |
| | | Boring completed at depth of 5' | | | | | |
| 10 | | | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23559-22.log Date: 3/19/2024

**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-2

Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 5 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | Alluvium (Qoa) | | | | | |
| 5 | | Silty (medium to coarse graind) SAND | | | | | |
| | | Brown, medium dense, moist; with occasional gravel | | | | | |
| | | SAND (medium to coarse graind) | | | | | |
| | | Light brown, medium dense, moist; slightly silty | | | | | |
| 10 | | Boring completed at depth of 10' | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

GWT not encountered

SuperLog CiviliTech Software, USA www.civiltech.com File: C:\Superlog4\23559-22.log Date: 3/19/2024

**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-3

Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: 24' Bgs

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 5 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist; with occasional small gravel | | | | | |
| | | Alluvium (Qoa) | | | | | |
| | | SAND (medium to coarse graind) | | | | | |
| 5 | | Light brown, medium dense, damp; slightly silty | X | 3/3/4 | 3.8 | | 5 |
| | | Intermingled lenses of Sandy to Clayey Silt | | | | | |
| 10 | | | X | 3/5/7 | 2.2 | | 3 |
| 15 | | | X | 5/5/7 | 2.6 | | 3 |
| | | Clayey SILT | | | | | |
| | | Brown, firm to medium stiff, very moist to saturated | | | | | |
| 20 | | | X | 5/5/8 | 20.9 | | 64 |
| | | Groundwater at 24' Bgs | | | | | |
| | | Silty (fine to coarse graind) SAND | | | | | |
| 25 | | Brown, medium dense to dense, wet; slightly silty with some gravel | X | 5/7/13 | 20.6 | | 4 |
| 30 | | | X | 8/10/20 | 24.2 | | 4 |
| 35 | | | | | | | |

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**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-3

Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: 24' Bgs

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 35 | | Alluvium (Qoa)<br>Silty (fine to coarse graind) SAND<br>Brown, medium dense to dense, wet; slightly silty with some gravel | | 10/14/17 | 19.4 | | 3 |
| 40 | | | | 11/17/20 | 18.8 | | 2 |
| 45 | | | | 14/14/18 | 21.9 | | 6 |
| 50 | | | | 14/16/17 | 25.0 | | 8 |
| | | Boring completed at depth of 51.5 | | | | | |
| 55 | | | | | | | |
| 60 | | | | | | | |
| 65 | | | | | | | |
| 70 | | | | | | | |

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23559-22.log Date: 3/19/2024

**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-4

Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 3.5 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist; with occasional small gravel | | | | | |
| | | Alluvium (Qoa) | ■ | 4/4 | 2.7 | 105.0 | |
| 5 | | Silty (fine to coarse graind) SAND | | | | | |
| | | Brown, medium dense, moist; with occasional gravel | | | | | |
| | | SAND (medium to coarse graind) | ■ | 4/6 | 2.9 | 106.9 | |
| | | Light brown, medium dense, moist; slightly silty | | | | | |
| | | | ■ | 8/8 | 2.4 | 109.7 | |
| 10 | | Boring completed at depth of 10' | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23559-22.log Date: 3/19/2024

**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-5

Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 3.5 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | Alluvium (Qoa) | ■ | 3/5 | 5.0 | 101.2 | |
| 5 | | SAND (medium to coarse graind) | | | | | |
| | | Light brown, medium dense, moist; slightly silty | ■ | 4/5 | 3.9 | 104.3 | |
| | | | ■ | 7/9 | 2.7 | 107.1 | |
| 10 | | Boring completed at depth of 10' | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23559-22.log Date: 3/19/2024

**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-6

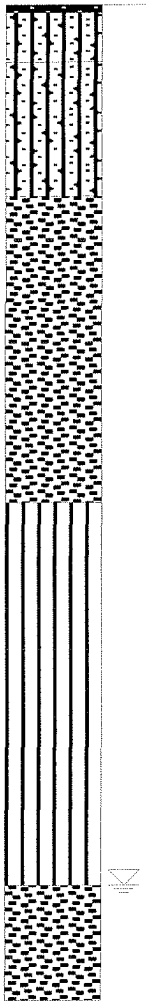
Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: 23' Bgs

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:



| Depth (feet) | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|
| 0 | Asphalt pavement 1.5 inch thickness<br>FILL (Af)<br>Silty (fine to coarse grained) SAND<br>Brown, medium dense, moist | | 2/3 | 12.8 | 98.0 | |
| 5 | Alluvium (Qoa)<br>Silty (fine to coarse graind) SAND<br>Brown, medium dense, moist | | 3/3 | 8.2 | 104.3 | |
| 10 | SAND (medium to coarse graind)<br>Light brown, medium dense, moist; slightly silty with occasional gravel | | 7/11 | 2.4 | 108.7 | |
| 15 | Sandy SILT<br>Grey brown, firm, moist | | 5/5 | 16.3 | 96.7 | |
| 20 | Groundwater at 23' Bgs | | 4/7 | 25.2 | 94.0 | |
| 25 | Silty (fine to coarse graind) SAND<br>Brown, medium dense, wet; slightly silty | | 4/8 | 21.9 | 106.0 | |
| | Boring completed at depth of 26' | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |

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**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-7

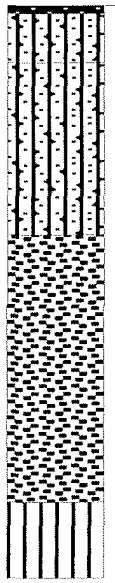
**Boring Location:** 10990 N. Woodside Drive, Santee

**Date of Drilling:** 10/13/2022 | **Groundwater Depth:** None Encountered

**Drilling Method:** Simco 2800 HS

**Hammer Weight:** 140 lbs. | **Drop:** 30"

**Surface Elevation:**




| Depth (feet) | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|
| 0 | Asphalt pavement 2 inch thickness<br>FILL (Af)<br>Silty (fine to coarse grained) SAND<br>Brown, medium dense, moist; with occasional small gravel | | | | | |
| | Alluvium (Qoa)<br>Silty (fine to coarse graind) SAND<br>Brown, medium dense, moist | ■ | 3/5 | 6.0 | 101.2 | |
| 5 | SAND (medium to coarse graind)<br>Light brown, medium dense, moist; slightly silty with occasional gravel | ■ | 8/12 | 5.2 | 107.7 | |
| 10 | | ■ | 7/11 | 3.1 | 110.2 | |
| | Sandy SILT<br>Grey brown, medium dense, moist | | | | | |
| 15 | Boring completed at depth of 15' | | | | | |
| 20 | | | | | | |
| 25 | | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |

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**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-8

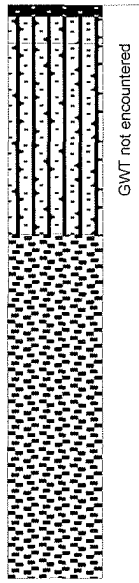
Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:




| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 3 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | Alluvium (Qoa) | ■ | 4/5 | 9.4 | 99.1 | |
| 5 | | Silty (fine to coarse graind) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | SAND (medium to coarse graind) | ■ | 6/7 | 5.8 | 104.7 | |
| | | Light brown, medium dense, moist; slightly silty with occasional gravel | | | | | |
| 10 | | | ■ | 10/11 | 2.9 | 109.4 | |
| | | | ■ | 8/19 | 2.7 | 111.2 | |
| 15 | | Boring completed at depth of 15' | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

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**NorCal Engineering**

# North Palisade Partners
23559-22

# Log of Boring B-9

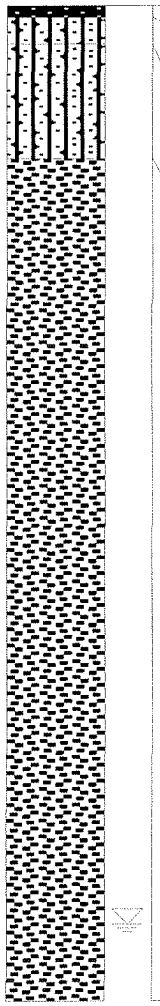
Boring Location: 10990 N. Woodside Drive, Santee

Date of Drilling: 10/13/2022 | Groundwater Depth: 24' Bgs

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:



| Depth (feet) | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|
| 0 | Asphalt pavement 3 inch thickness | | | | | |
| | FILL (Af) | | | | | |
| | Silty (fine to coarse grained) SAND | | | | | |
| | Brown, medium dense, moist | ■ | 4/4 | 4.8 | 98.7 | |
| | Alluvium (Qoa) | | | | | |
| 5 | Silty (fine to coarse graind) SAND | | | | | |
| | Brown, medium dense, moist | ■ | 5/6 | 3.6 | 100.1 | |
| | SAND (medium to coarse graind) | | | | | |
| | Light brown, medium dense, moist; slightly silty with occasional gravel | | | | | |
| 10 | | ■ | 5/7 | 3.8 | 105.5 | |
| 15 | | ■ | 4/9 | 2.3 | 103.1 | |
| 20 | | ■ | 7/12 | 6.0 | 99.5 | |
| | Groundwater at 24' Bgs | | | | | |
| 25 | | ■ | 8/14 | 19.6 | 105.9 | |
| | Boring completed at depth of 26' | | | | | |
| 30 | | | | | | |
| 35 | | | | | | |

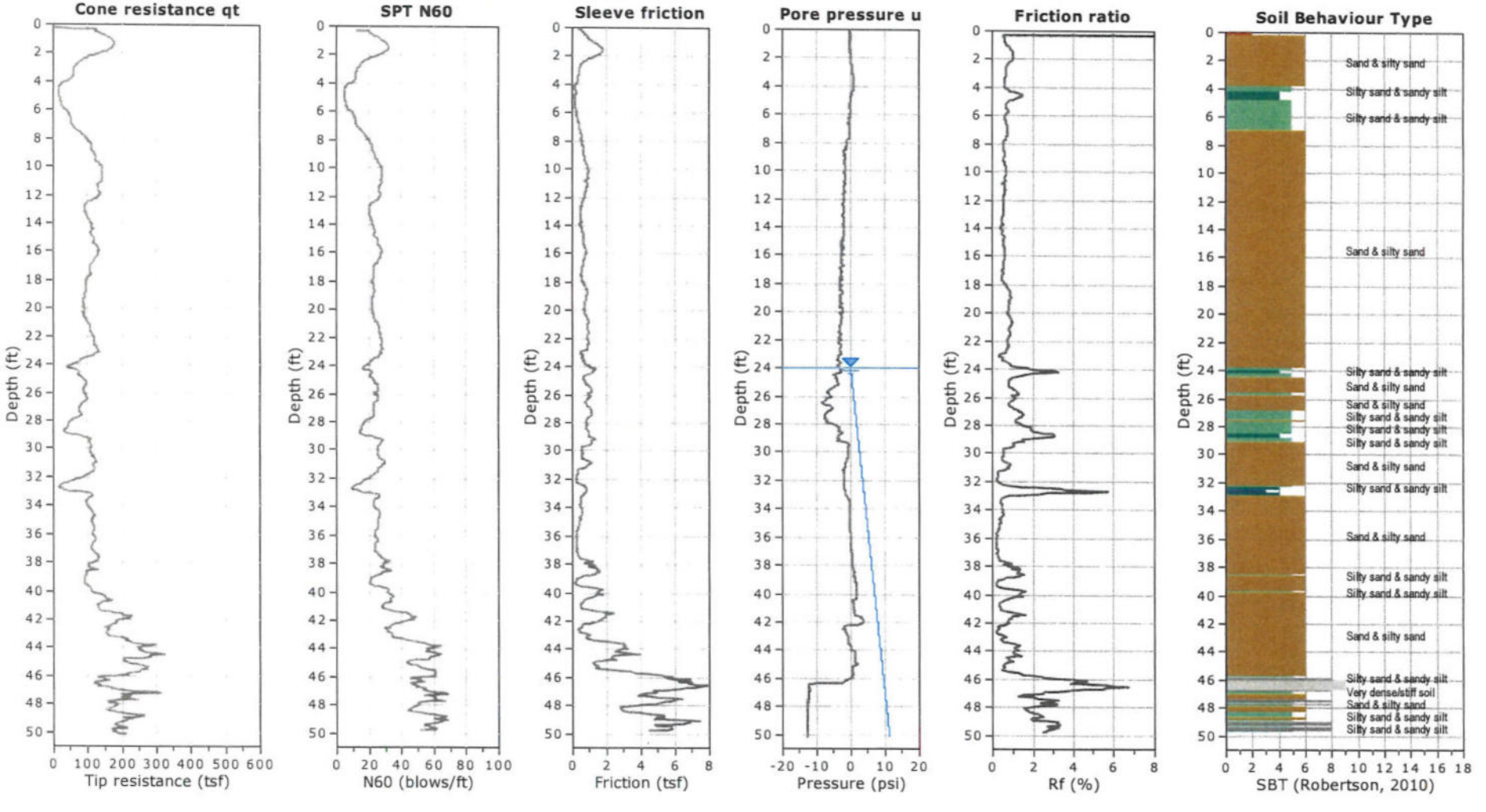
SuperLog CivilTech Software, USA www.civiltech.com File: C:\SuperlogA\23559-22.log Date: 3/19/2024

**NorCal Engineering**

**Kehoe Testing and Engineering**
714-901-7270
steve@kehoetesting.com
www.kehoetesting.com

**Project:** NorCal Engineering / North Palisade Partners
**Location:** 10990 N. Woodside Ave, Santee, CA

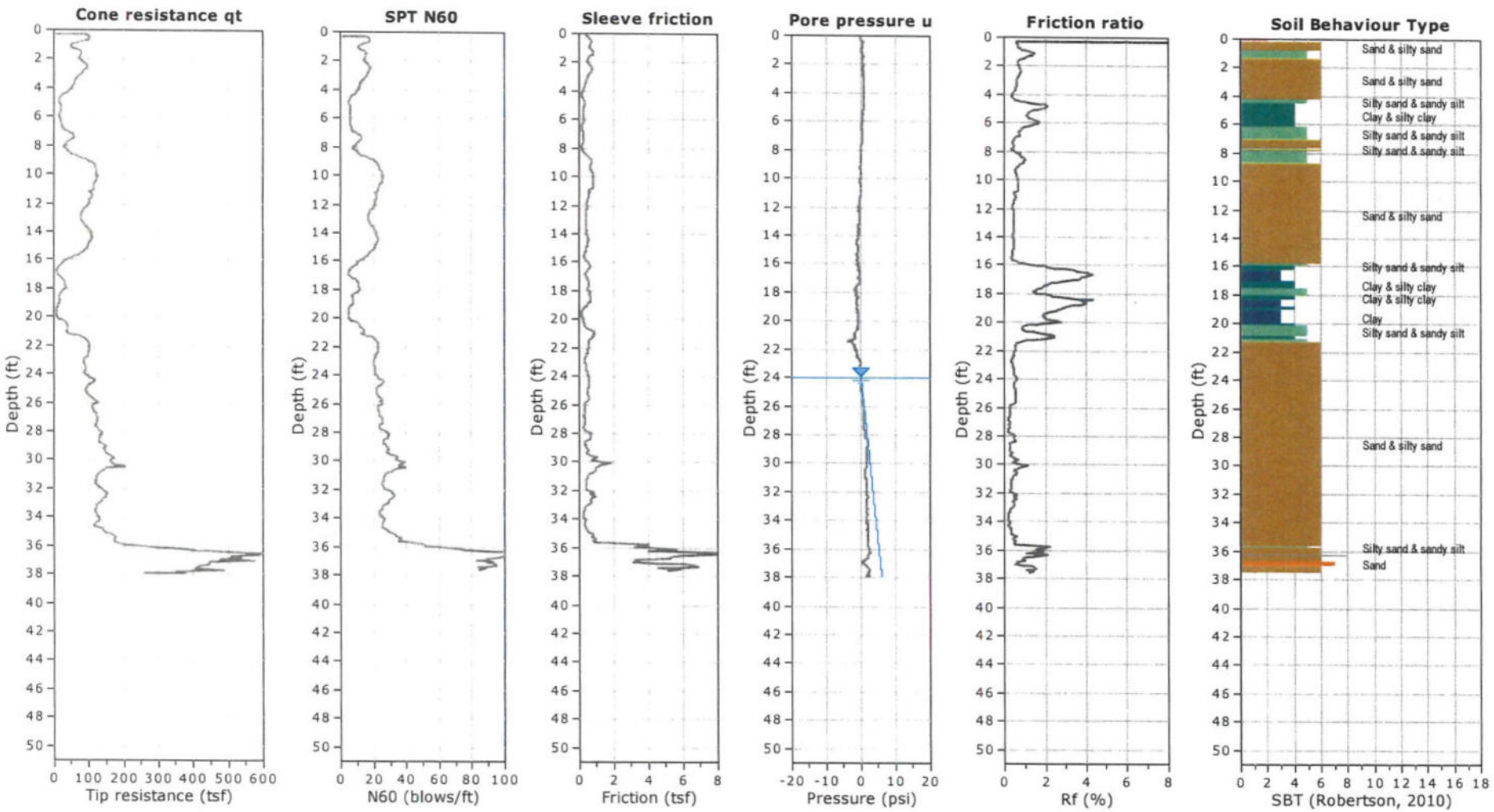
**CPT-1**
Total depth: 50.16 ft, Date: 8/18/2023



**Kehoe Testing and Engineering**
714-901-7270
steve@kehoetesting.com
www.kehoetesting.com

**Project:** NorCal Engineering / North Palisade Partners
**Location:** 10990 N. Woodside Ave, Santee, CA

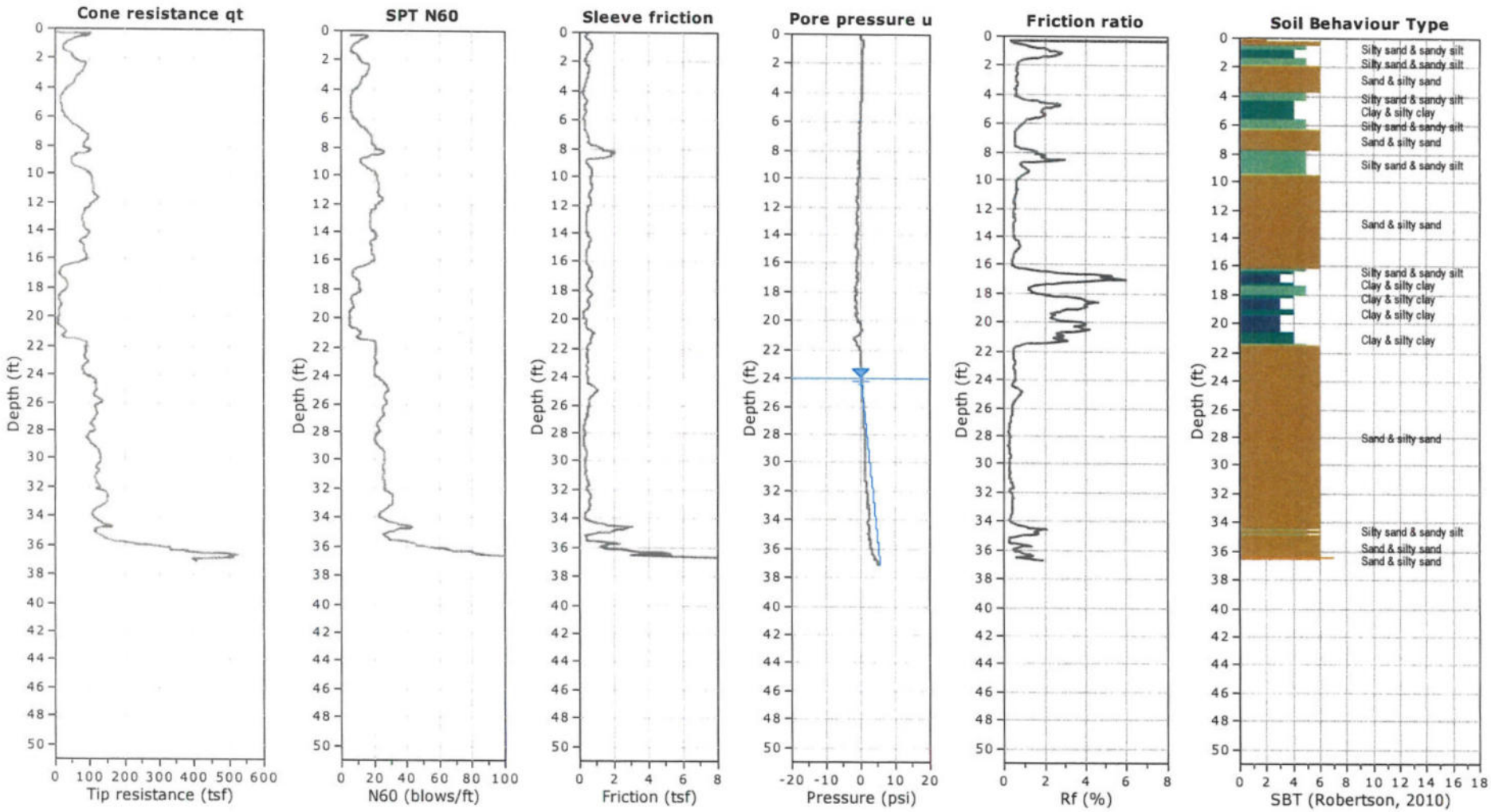
**CPT-2**
Total depth: 37.93 ft, Date: 8/18/2023



**Kehoe Testing and Engineering**
714-901-7270
steve@kehoetesting.com
www.kehoetesting.com

**Project:** NorCal Engineering / North Palisade Partners
**Location:** 10990 N. Woodside Ave, Santee, CA

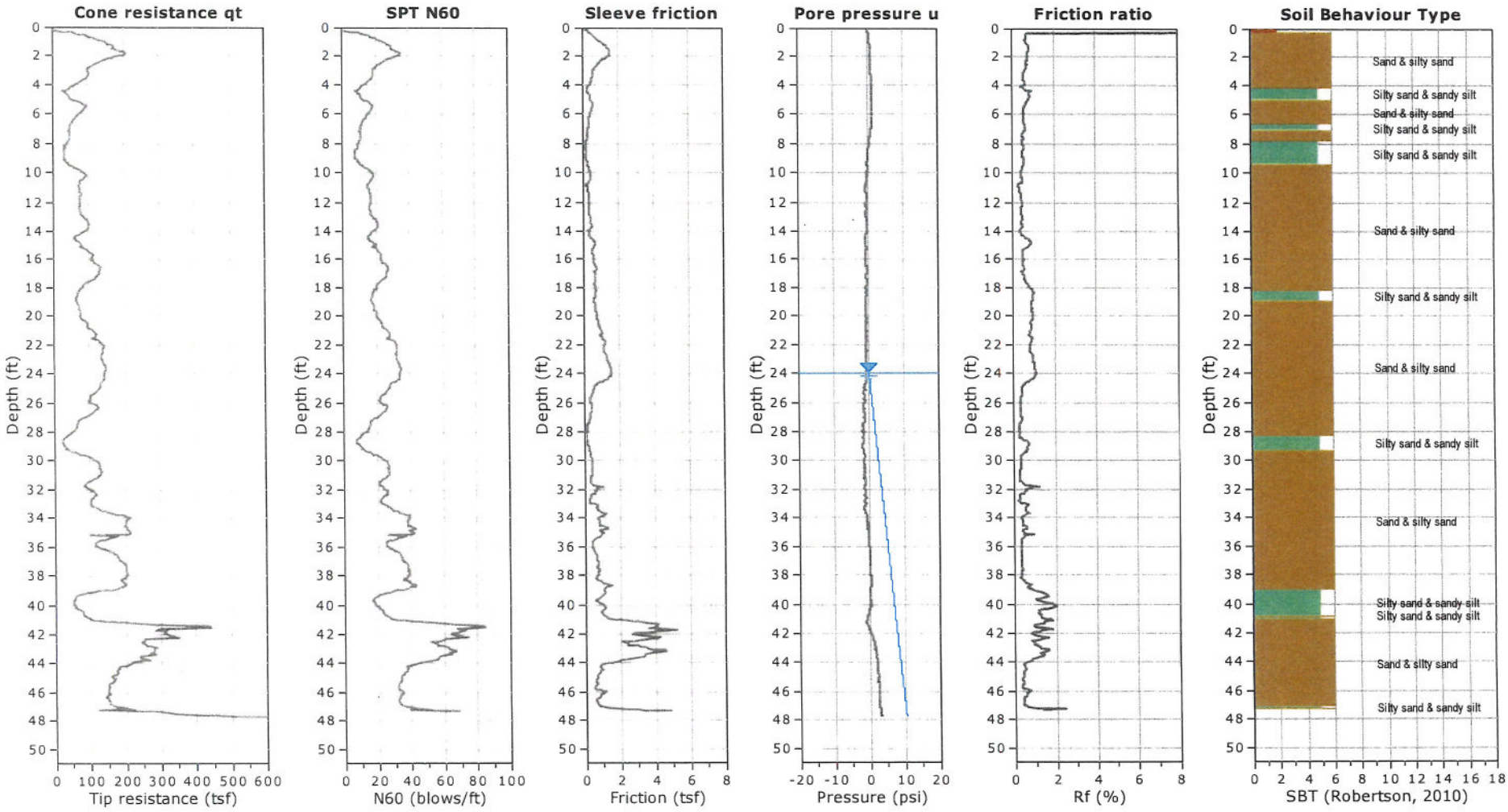
**CPT-2A**
Total depth: 37.09 ft, Date: 8/18/2023



**Kehoe Testing and Engineering**
714-901-7270
steve@kehoetesting.com
www.kehoetesting.com

**Project:** NorCal Engineering / North Palisade Partners
**Location:** 10990 N. Woodside Ave, Santee, CA

**CPT-3**
Total depth: 47.71 ft, Date: 8/18/2023



Kehoe Testing and Engineering
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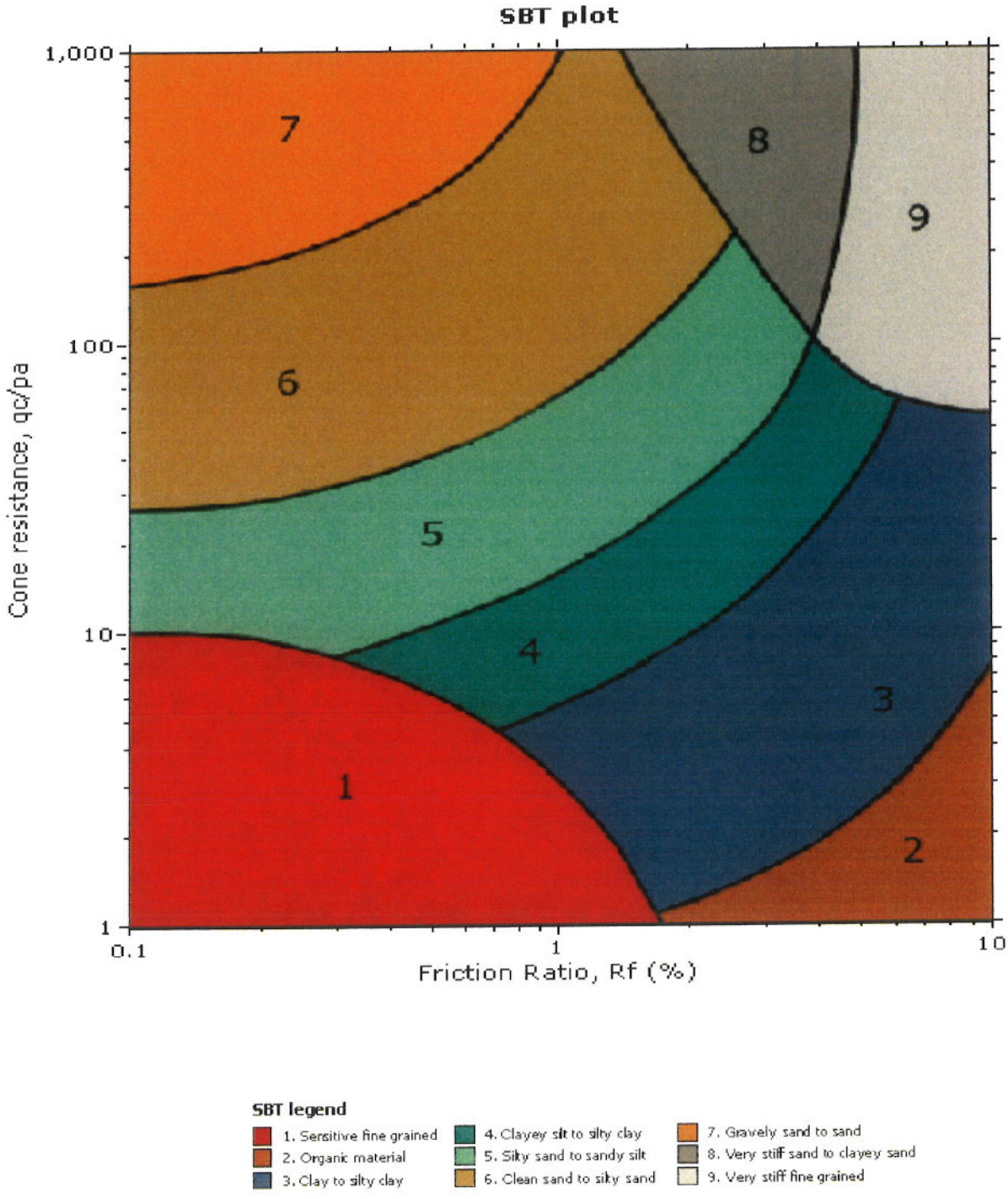


# Appendix B
## Laboratory Tests

## TABLE I
## MAXIMUM DENSITY TESTS

| Sample | Classification | Optimum Moisture (%) | Maximum Dry Density (lbs/cu.ft) |
|---|---|---|---|
| B-3 @ 2' | Silty SAND | 10.0 | 122.0 |

## TABLE II
## EXPANSION TESTS

| Sample | Classification | Expansion Index |
|---|---|---|
| B-3 @ 2' | Silty SAND | 0 |

## TABLE III
## ATTERBERG LIMITS

| Sample | Liquid Limit | Plastic Limit | Plasticity Index |
|---|---|---|---|
| B-3 @ 20 | 29 | 23 | 6 |

## TABLE IV
## CORROSION TESTS

| Sample | pH | Electrical Resistivity | Sulfate (%) | Chloride (ppm) |
|---|---|---|---|---|
| B-3 @ 2' | 6.8 | 5,740 | 0.001 | 146 |

% by weight
ppm – mg/kg

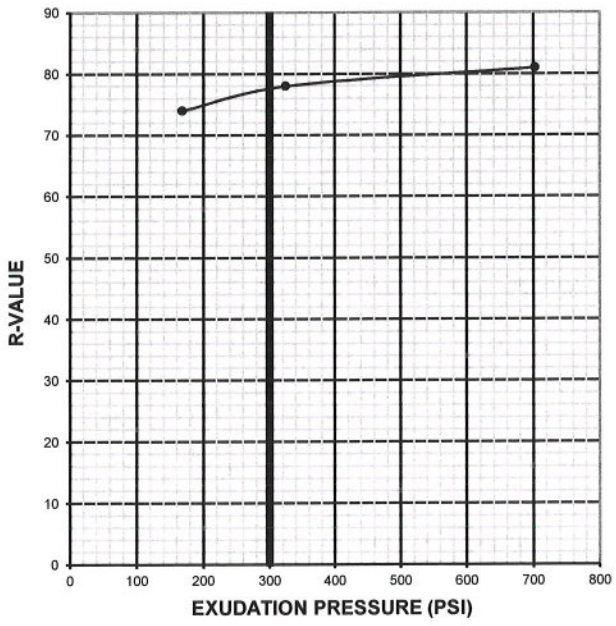
# R-VALUE TEST REPORT

☑ CT-301 ☐ ASTM-D2844

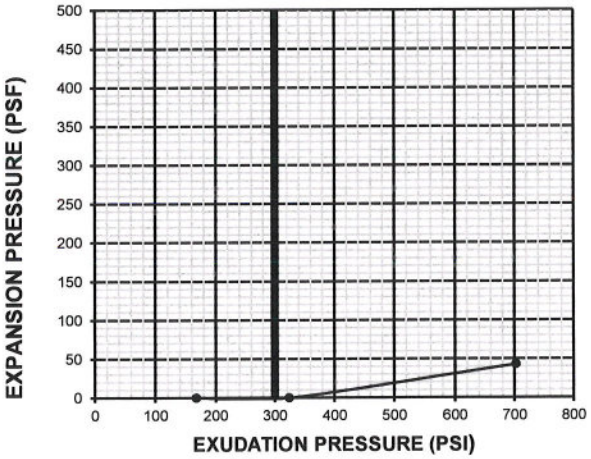
| | | | |
|---|---|---|---|
| PROJECT NAME: | Norcal: North Palisade Partners LLC | PROJECT NUMBER: | L-221101 |
| SAMPLE LOCATION: | 10990 N. woodside Drive | SAMPLE NUMBER: | B1 (23559-22) |
| SAMPLE DESCRIPTION: | SILTY SAND (SM), dark brown | SAMPLE DEPTH: | 2' |
| SAMPLED BY: | Norcal 10/13/22 | TESTED BY: | JPG |
| | | DATE TESTED: | 11/7/2022 |

| TEST SPECIMEN | A | B | C |
|---|---|---|---|
| MOISTURE AT COMPACTION % | 9.8 | 12.6 | 14.0 |
| WEIGHT OF SAMPLE, grams | 1082 | 1053 | 1068 |
| HEIGHT OF SAMPLE, Inches | 2.60 | 2.60 | 2.57 |
| DRY DENSITY, pcf | 114.8 | 109.0 | 110.5 |
| COMPACTOR AIR PRESSURE, psi | 250 | 200 | 150 |
| EXUDATION PRESSURE, psi | 703 | 324 | 168 |
| EXPANSION, Inches x 10exp-4 | 10 | 0 | 0 |
| STABILITY Ph 2,000 lbs (160 psi) | 18 | 20 | 23 |
| TURNS DISPLACEMENT | 4.92 | 5.17 | 5.30 |
| R-VALUE UNCORRECTED | 80 | 77 | 74 |
| R-VALUE CORRECTED | 81 | 78 | 74 |
| EXPANSION PRESSURE (psf) | 43.2 | 0.0 | 0.0 |

**R-VALUE VS. EXUDATION PRESSURE**



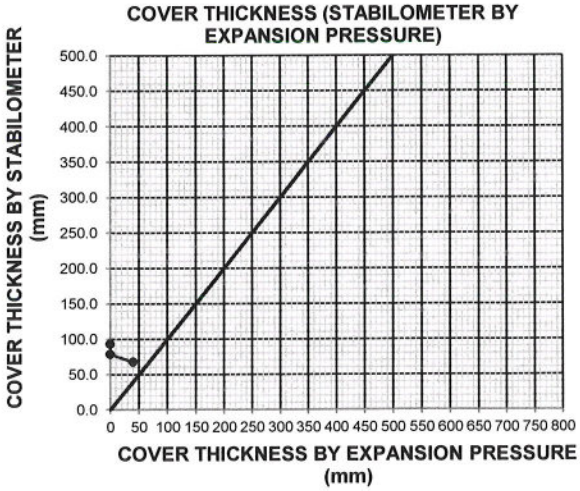

**EXPANSION PRESSURE VS. EXUDATION PRESSURE**




| | |
|---|---|
| R-VALUE AT EQUILIBRIUM: | 78 |

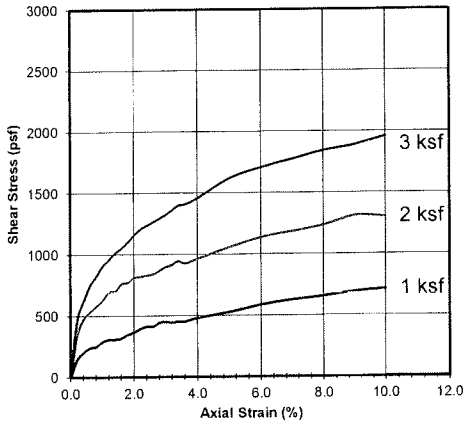
| | |
|---|---|
| R-VALUE BY EXUDATION PRESSURE: | 78 |
| R-VALUE BY EXPANSION PRESSURE: | N.A. |
| EXPANSION PRESSURE AT 300 PSI EXUDATION: | 0 |
| TRAFFIC INDEX (Assumed): | 5.5 |
| GRAVEL FACTOR (Assumed): | 1.5 |
| UNIT MASS OF COVER MATERIAL, kg/m^3 (Assumed): | 2100.0 |

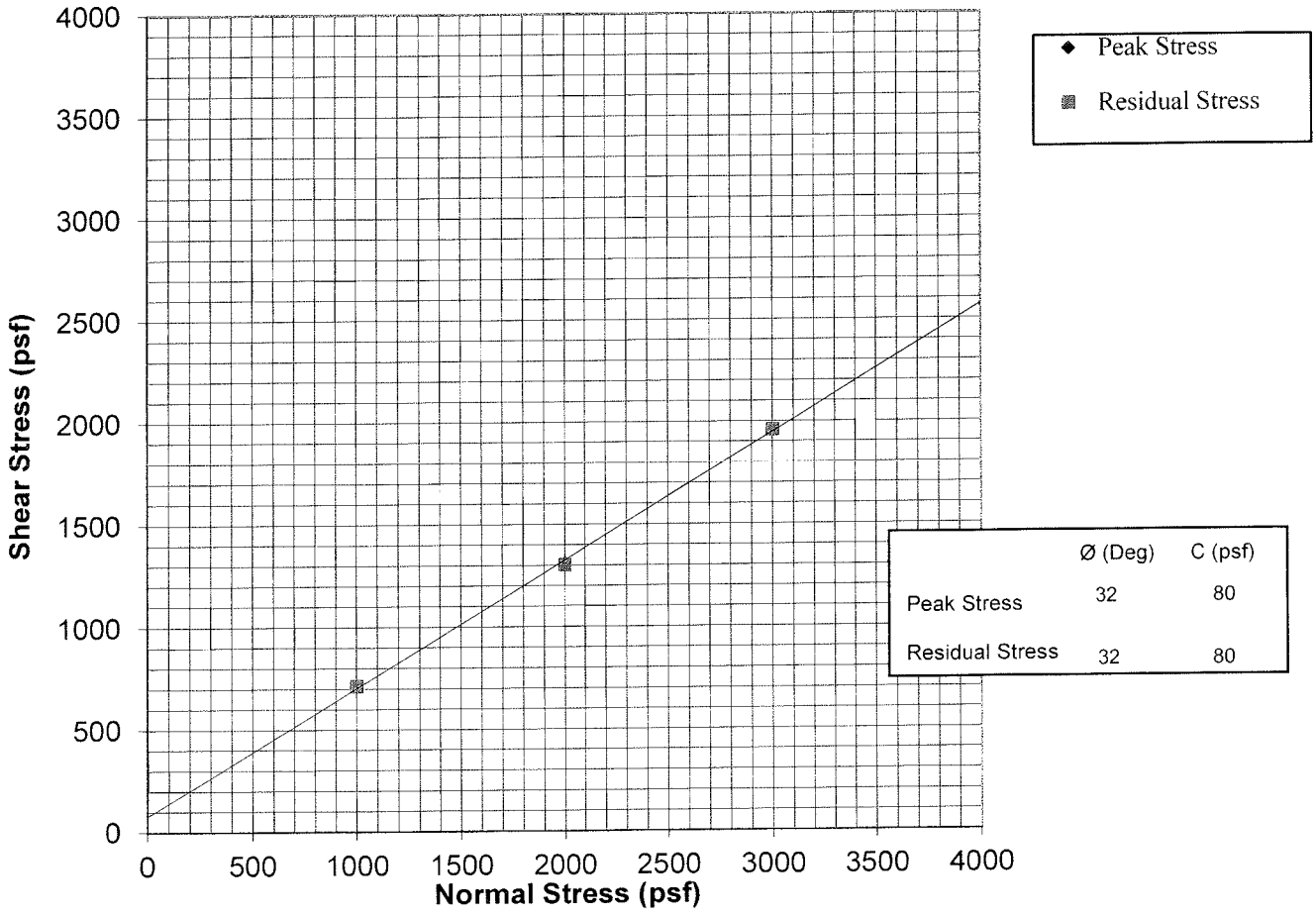
**COVER THICKNESS (STABILOMETER BY EXPANSION PRESSURE)**



| | |
|---|---|
| Sample No. | B6@2' |
| Sample Type: | Undisturbed-Saturated |
| Soil Description: | Silty Fine-Coarse Grained Sand |

| | | 1 | 2 | 3 |
|---|---|---|---|---|
| Normal Stress | (psf) | 1000 | 2000 | 3000 |
| Peak Stress | (psf) | 714 | 1312 | 1958 |
| Displacement | (in.) | 0.250 | 0.225 | 0.250 |
| Residual Stress | (psf) | 714 | 1302 | 1958 |
| Displacement | (in.) | 0.250 | 0.250 | 0.250 |
| Initial Dry Density | (pcf) | 98.0 | 98.0 | 98.0 |
| Initial Water Content | (%) | 12.8 | 12.8 | 12.8 |
| Strain Rate | (in./min.) | 0.020 | 0.020 | 0.020 |




| | Ø (Deg) | C (psf) |
|---|---|---|
| Peak Stress | 32 | 80 |
| Residual Stress | 32 | 80 |

# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

**North Palisade Partners**

PROJECT NUMBER: 23559-22 DATE: 10/31/2022

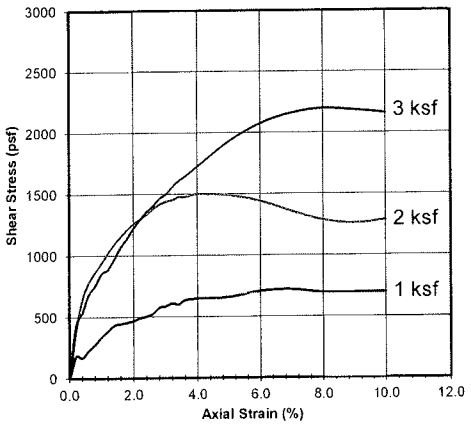
**DIRECT SHEAR TEST**

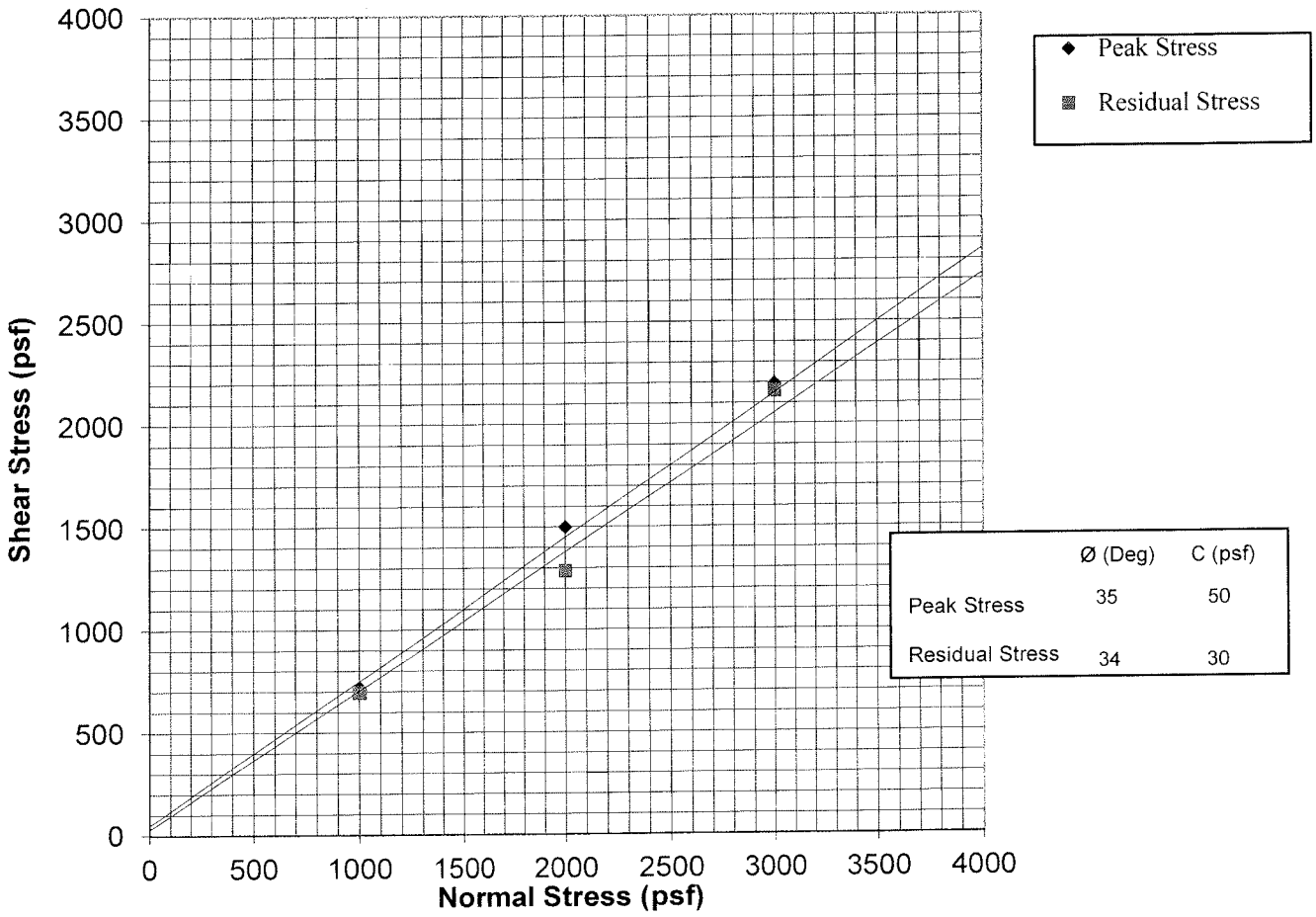
**ASTM D3080**

**Plate A**

| | |
|---|---|
| Sample No. | B9@5' |
| Sample Type: | Undisturbed-Saturated |
| Soil Description: | Medium-Coarse Grained Sand |

| | | 1 | 2 | 3 |
|---|---|---|---|---|
| Normal Stress | (psf) | 1000 | 2000 | 3000 |
| Peak Stress | (psf) | 720 | 1500 | 2196 |
| Displacement | (in.) | 0.175 | 0.100 | 0.200 |
| Residual Stress | (psf) | 696 | 1284 | 2160 |
| Displacement | (in.) | 0.250 | 0.250 | 0.250 |
| Initial Dry Density | (pcf) | 100.1 | 100.1 | 100.1 |
| Initial Water Content | (%) | 3.6 | 3.6 | 3.6 |
| Strain Rate | (in./min.) | 0.020 | 0.020 | 0.020 |




| | Ø (Deg) | C (psf) |
|---|---|---|
| Peak Stress | 35 | 50 |
| Residual Stress | 34 | 30 |

# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

**North Palisade Partners**

PROJECT NUMBER: 23559-22 DATE: 10/31/2022

**DIRECT SHEAR TEST**

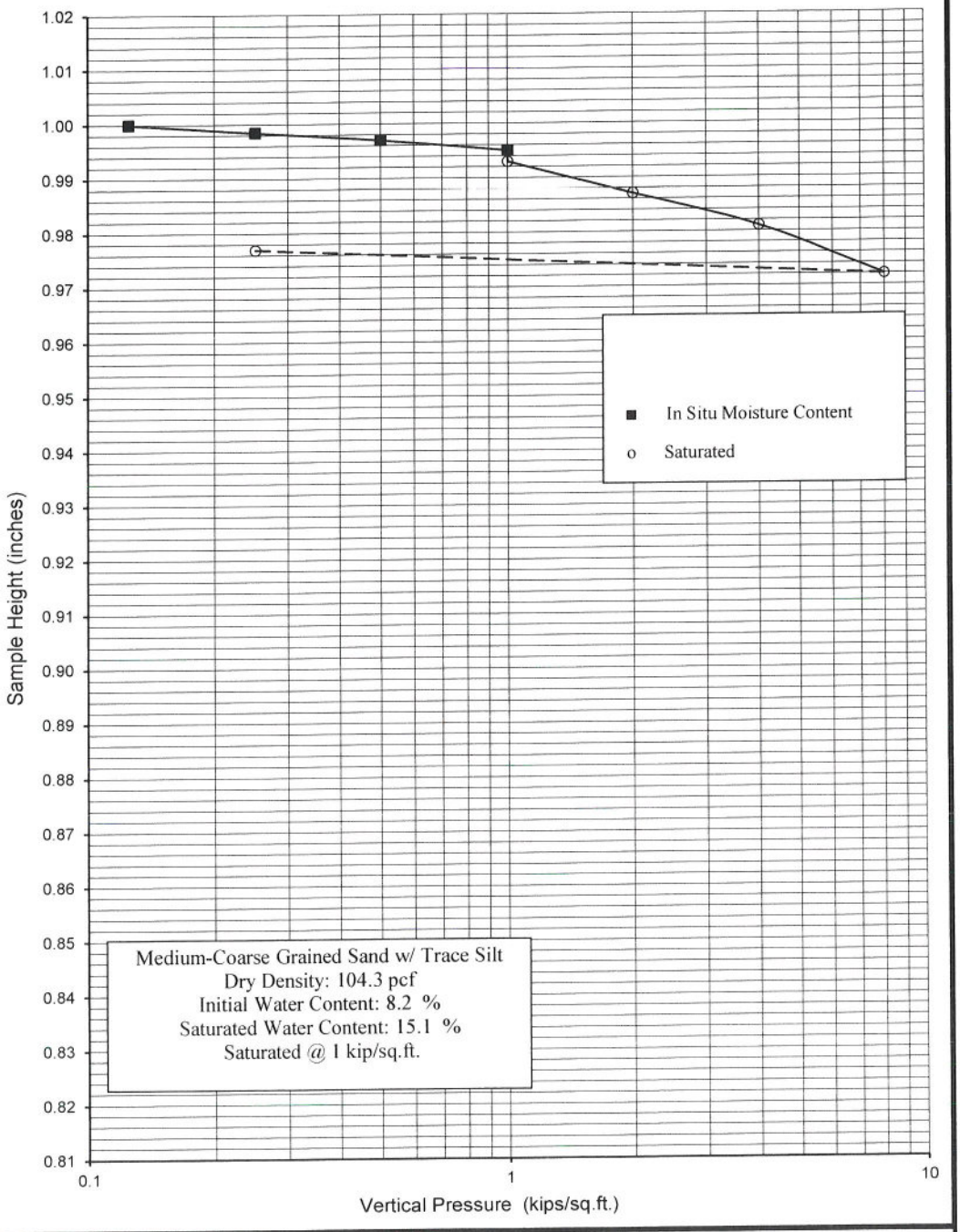
**ASTM D3080**

**Plate B**

| Vertical Pressure (kips/sq.ft.) | Sample Height (inches) | Consolidation (percent) | Sample No. B6 | Depth 5' | Date 10/31/2022 |
|---|---|---|---|---|---|
| 0.125 | 1.0000 | 0.0 | | | |
| 0.25 | 0.9985 | 0.2 | | | |
| 0.5 | 0.9970 | 0.3 | | | |
| 1 | 0.9950 | 0.5 | | | |
| 1 | 0.9930 | 0.7 | | | |
| 2 | 0.9870 | 1.3 | | | |
| 4 | 0.9810 | 1.9 | | | |
| 8 | 0.9720 | 2.8 | | | |
| 0.25 | 0.9770 | 2.3 | | | |

Saturated

**Date Tested:** 10/27/2022
**Sample:** B6
**Depth:** 5'




# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

**North Palisade Partners**

PROJECT NUMBER: 23559-22 DATE: 10/31/2022

**CONSOLIDATION TEST**

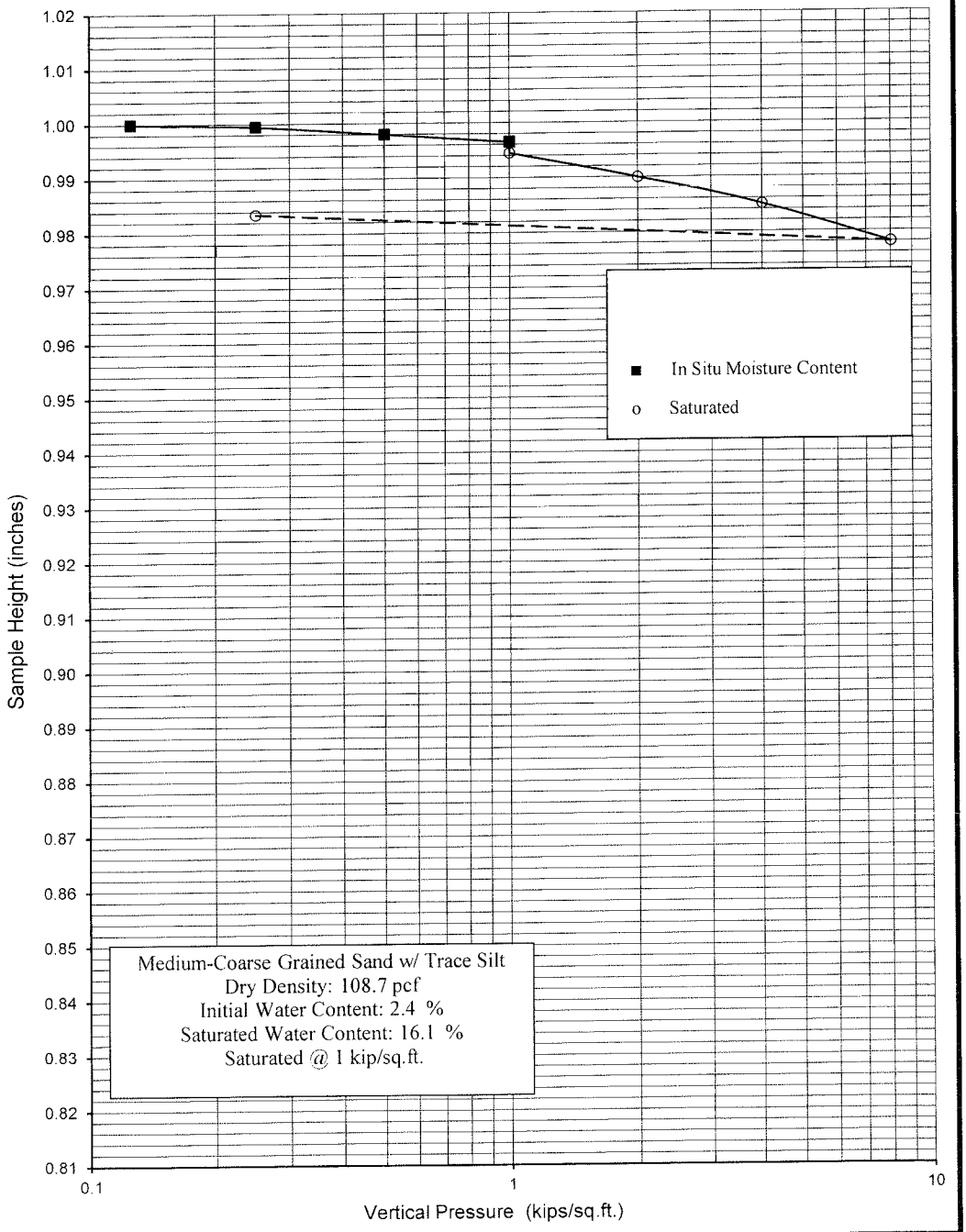
**ASTM D2435**

**Plate C**

| Vertical Pressure (kips/sq.ft.) | Sample Height (inches) | Consolidation (percent) | Sample No. B6 | Depth 10' | Date 10/31/2022 |
|---|---|---|---|---|---|
| 0.125 | 1.0000 | 0.0 | | | |
| 0.25 | 0.9995 | 0.0 | | | |
| 0.5 | 0.9980 | 0.2 | | | |
| 1 | 0.9965 | 0.4 | | | |
| 1 | 0.9945 | 0.6 | | | |
| 2 | 0.9900 | 1.0 | | | |
| 4 | 0.9850 | 1.5 | | | |
| 8 | 0.9780 | 2.2 | | | |
| 0.25 | 0.9835 | 1.7 | | | |

**Saturated**

**Date Tested:** 10/27/2022
**Sample:** B6
**Depth:** 10'




# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

**North Palisade Partners**

PROJECT NUMBER: 23559-22 DATE: 10/31/2022

**CONSOLIDATION TEST**

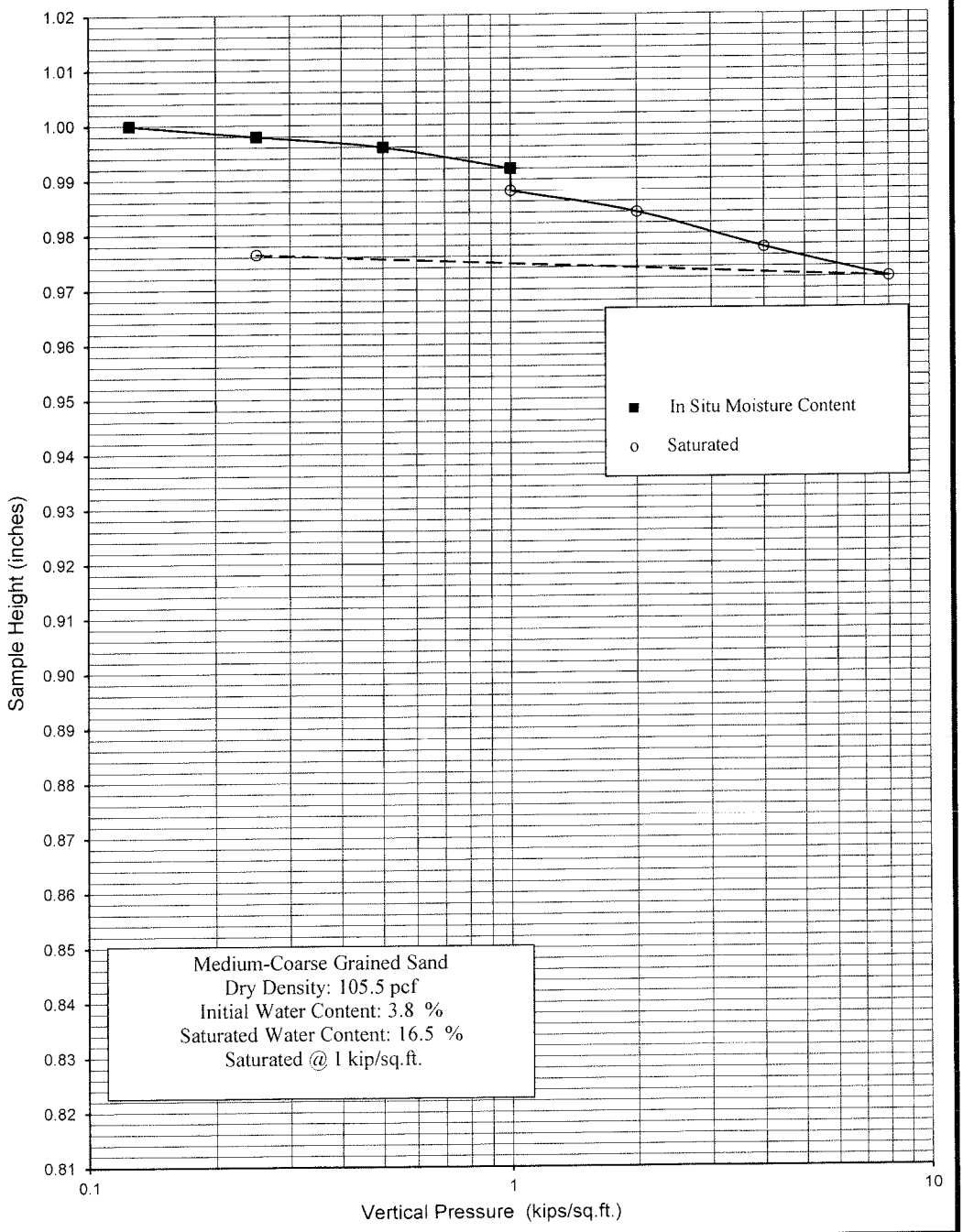
**ASTM D2435**

**Plate D**

| Vertical Pressure (kips/sq.ft.) | Sample Height (inches) | Consolidation (percent) | Sample No. | B9 | Depth | 10' | Date | 10/31/2022 |
|---|---|---|---|---|---|---|---|---|
| 0.125 | 1.0000 | 0.0 | | | | | | |
| 0.25 | 0.9980 | 0.2 | | | | | | |
| 0.5 | 0.9960 | 0.4 | | | | | | |
| 1 | 0.9920 | 0.8 | | | | | | |
| 1 | 0.9880 | 1.2 | | | | | | |
| 2 | 0.9840 | 1.6 | | | | | | |
| 4 | 0.9775 | 2.3 | | | | | | |
| 8 | 0.9720 | 2.8 | | | | | | |
| 0.25 | 0.9765 | 2.4 | | | | | | |

Saturated

**Date Tested:** 10/28/2022
**Sample:** B9
**Depth:** 10'




# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

**North Palisade Partners**

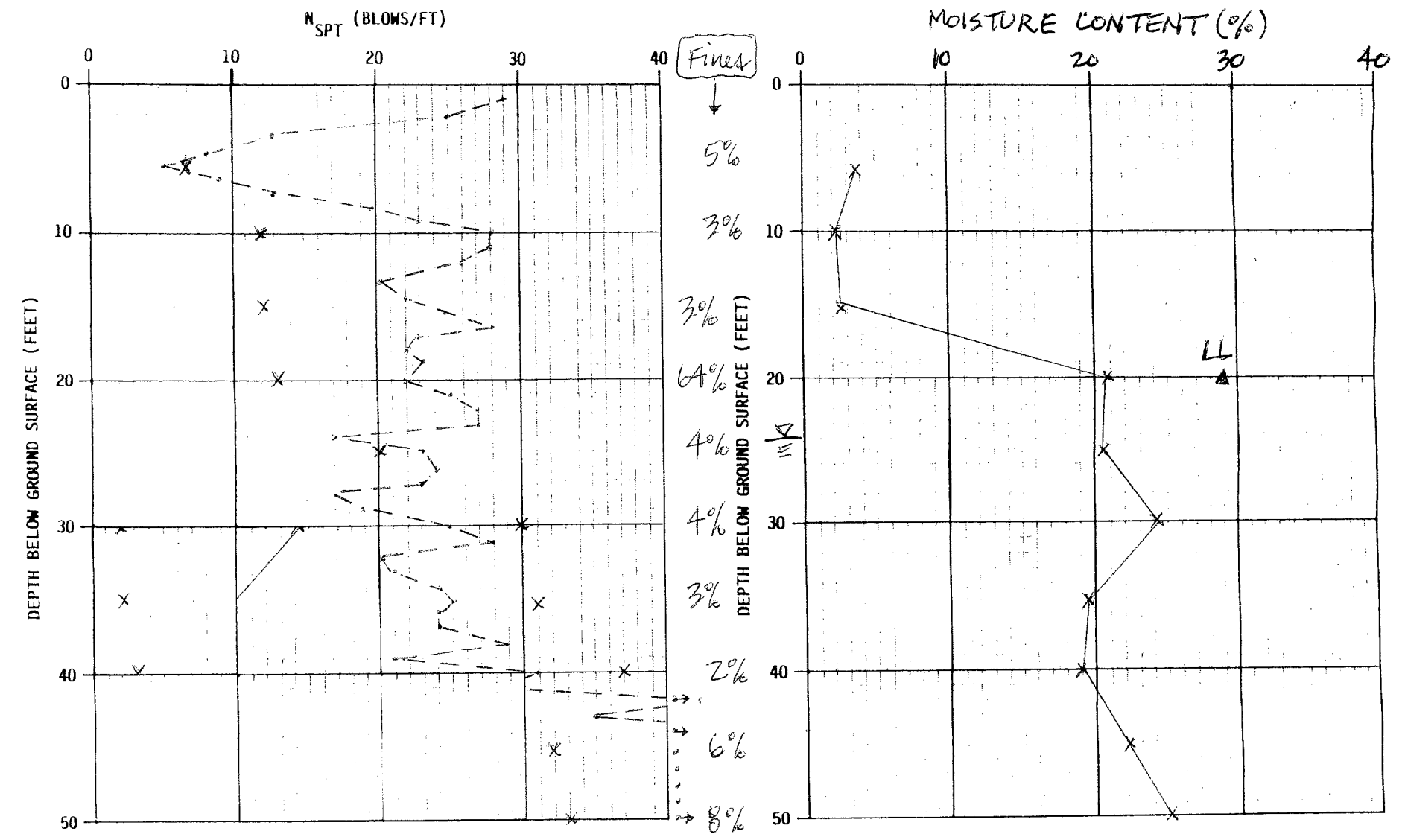
PROJECT NUMBER: 23559-22 DATE: 10/31/2022

**CONSOLIDATION TEST**

**ASTM D2435**

**Plate E**

# Appendix C
## Liquefaction Analysis




× B-3

∘ CPT-1

# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT

DATE

STANDARD PENETRATION TEST (SPT)
RESULTS AND MOISTURE CONTENT VERSUS DEPTH

B-3

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = 20'

EARTHQUAKE MAGNITUDE = 6.9

PEAK GROUND ACCELERATION = 0.42g

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_h/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/ft) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 110 | 550 | Same | 1.00 | 0.99 | 0.27 | 7 | 60 | >1.6 | 1.00 | 1.05 | 0.70 | 1.20 | >10 | 5 | >0.11 | 1.3 | >0.14 | >0.5 |
| 10 | 110 | 1100 | | | 0.96 | 0.26 | 12 | 70 | 1.3 | | | 0.75 | | 15 | 3 | 0.17 | | 0.22 | 0.9 |
| 15 | 115 | 1675 | | | 0.92 | 0.25 | 12 | 65 | 1.1 | | | 0.85 | | 14 | 3 | 0.15 | | 0.20 | 0.8 |
| 20 | 115 | 2250 | ↓ | ↓ | 0.87 | 0.24 | 13 | 60 | 0.95 | | | 0.90 | | 14 | 64 | >0.24 | | >0.31 | >1.3 |
| 25 | 125 | 2875 | 2563 | 1.12 | 0.80 | 0.24 | 20 | 70 | 0.90 | | | 0.95 | | 22 | 4 | 0.24 | | 0.31 | 1.3 |
| 30 | ↓ | 3500 | 2876 | 1.22 | 0.74 | 0.24 | 30 | 80 | 0.86 | | | 1.00 | | 33 | 4 | >0.50 | | >0.65 | >2.7 |
| 35 | | 4125 | 3189 | 1.29 | 0.68 | 0.24 | 31 | 80 | 0.82 | | | | | 32 | 3 | | | | >2.7 |
| 40 | | 4750 | 3502 | 1.36 | 0.64 | 0.23 | 37 | 85 | 0.79 | | | | | 37 | 2 | | | | >2.7 |
| 45 | | 5375 | 3815 | 1.41 | 0.61 | 0.23 | 32 | 75 | 0.77 | | | | | 31 | 6 | | | | >2.7 |
| 50 | ↓ | 6000 | 4129 | 1.45 | 0.58 | 0.23 | 33 | 75 | 0.74 | ↓ | ↓ | ↓ | ↓ | 31 | 8 | ↓ | ↓ | ↓ | >2.7 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

Actual Energy Ratio = 0.67-1.17 (Safety Hammer)
= 0.50-1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
~~= 1.2 Sampler W/o liners~~

- $C_E$ = Corr. - Energy Ratio = Energy Ratio/60%
- $C_B$ = Corr. - Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. - Rod Length
- $C_S$ = Corr. - Sampling Method

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT _____ DATE _____

EVALUATION OF LIQUEFACTION POTENTIAL

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = 20'

EARTHQUAKE MAGNITUDE = 6.9

PEAK GROUND ACCELERATION = 0.42g

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_h/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/ft) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 110 | 550 | Same | 1.00 | 0.99 | 0.27 | 7 | 60 | >1.6 | 1.00 | 1.05 | 0.70 | 1.20 | >10 | 5 | >0.11 | 1.3 | >0.14 | >0.5 |
| 10 | 120 | 1100 | ↓ | ↓ | 0.96 | 0.26 | 12 | 70 | 1.3 | ↓ | ↓ | 0.75 | ↓ | 15 | 3 | 0.17 | ↓ | 0.22 | 0.9 |
| 15 | 115 | 1675 | ↓ | ↓ | 0.92 | 0.25 | 12 | 65 | 1.1 | ↓ | ↓ | 0.85 | ↓ | 14 | 3 | 0.15 | ↓ | 0.20 | 0.8 |
| 20 | 115 | 2250 | ↓ | ↓ | 0.87 | 0.24 | 13 | 60 | 0.95 | ↓ | ↓ | 0.90 | ↓ | 14 | 64 | >0.24 | ↓ | >0.31 | >1.3 |
| 25 | 125 | 2875 | 2563 | 1.12 | 0.80 | 0.24 | 20 | 70 | 0.90 | ↓ | ↓ | 0.95 | ↓ | 22 | 4 | 0.24 | ↓ | 0.31 | 1.3 |
| 30 | ↓ | 3500 | 2876 | 1.22 | 0.74 | 0.24 | 30 | 80 | 0.86 | ↓ | ↓ | 1.00 | ↓ | 33 | 4 | >0.50 | ↓ | >0.65 | >2.7 |
| 35 | ↓ | 4125 | 3189 | 1.29 | 0.68 | 0.24 | 31 | 80 | 0.82 | ↓ | ↓ | ↓ | ↓ | 32 | 3 | ↓ | ↓ | ↓ | >2.7 |
| 40 | ↓ | 4750 | 3502 | 1.36 | 0.64 | 0.23 | 37 | 85 | 0.79 | ↓ | ↓ | ↓ | ↓ | 37 | 2 | ↓ | ↓ | ↓ | >2.7 |
| 45 | ↓ | 5375 | 3815 | 1.41 | 0.61 | 0.23 | 32 | 75 | 0.77 | ↓ | ↓ | ↓ | ↓ | 31 | 6 | ↓ | ↓ | ↓ | >2.7 |
| 50 | ↓ | 6000 | 4129 | 1.45 | 0.58 | 0.23 | 33 | 75 | 0.74 | ↓ | ↓ | ↓ | ↓ | 31 | 8 | ↓ | ↓ | ↓ | >2.7 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

Actual Energy Ratio = 0.67–1.17 (Safety Hammer)
= 0.50–1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
~~= 1.2 Sampler w/o liners~~

- $C_E$ = Corr. – Energy Ratio = Energy Ratio/60%
- $C_B$ = Corr. – Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. – Rod Length
- $C_S$ = Corr. – Sampling Method

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT | DATE

EVALUATION OF LIQUEFACTION POTENTIAL

CPT-1

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = 20'

EARTHQUAKE MAGNITUDE = 6.9

PEAK GROUND ACCELERATION = 0.42g

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_h/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/FT) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-4 | 110 | 440 | Same | 1.00 | 0.99 | 0.27 | 18 | | >1.6 | 1.00 | 1.00 | 1.00 | 1.00 | >29 | 5 | >0.40 | 1.3 | >0.52 | >1.9 |
| 4-6 | ↓ | 550 | ↓ | ↓ | 0.99 | 0.27 | 7 | | ↓ | ↓ | ↓ | ↓ | ↓ | 11 | >35 | >0.20 | ↓ | >0.26 | >1 |
| 6-8 | | 880 | | | 0.98 | 0.27 | 15 | | | | | | | 24 | 5 | 0.27 | | 0.35 | 1.3 |
| 8-13 | ↓ | 1100 | | | 0.96 | 0.26 | 24 | | ↓ | | | | | 38 | ↓ | >0.50 | | >0.65 | >2.5 |
| 13-17 | 115 | 1675 | | | 0.92 | 0.25 | 25 | | 1.15 | | | | | 29 | | 0.40 | | 0.52 | 2.0 |
| 17-20 | ↓ | 2250 | ↓ | ↓ | 0.87 | 0.24 | 22 | | 0.93 | | | | | 20.5 | | 0.22 | | 0.29 | 1.2 |
| 20-24 | 125 | | | | 0.85 | 0.24 | 25 | | 0.85 | | | | | 21 | | 0.23 | | 0.30 | 1.2 |
| 24-25 | | 2875 | 2563 | 1.12 | 0.80 | 0.24 | 17 | | 0.80 | | | | | 14 | | 0.16 | | 0.21 | 0.9 |
| 25-28 | | | | | 0.78 | 0.24 | 23 | | 0.77 | | | | | 18 | | 0.20 | | 0.26 | 1 |
| 28-29 | ↓ | | | | 0.75 | 0.24 | 17 | | 0.76 | ↓ | ↓ | ↓ | ↓ | 13 | 64 | >0.22 | ↓ | >0.29 | >1.2 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

- $C_E$ = Corr. - Energy Ratio = Energy Ratio/60%
- $C_B$ = Corr. - Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. - Rod Length
- $C_S$ = Corr. - Sampling Method

Actual Energy Ratio = 0.67-1.17 (Safety Hammer)
= 0.50-1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
= ~~1.2 Sampler w/o liners~~

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT | DATE

EVALUATION OF LIQUEFACTION POTENTIAL

CPT-1

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = 20'

EARTHQUAKE MAGNITUDE = 6.9

PEAK GROUND ACCELERATION = 0.42g

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_h/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/FT) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29-32 | 125 | 3500 | 2876 | 1.22 | 0.74 | 0.24 | 24 | | 0.75 | 1.00 | 1.00 | 1.00 | 1.00 | 18 | 5 | 0.20 | 1.3 | 0.26 | 1.1 |
| 32-33 | | | | | 0.71 | 0.24 | 20 | | 0.72 | | | | | 14.5 | | 0.16 | | 0.21 | 0. |
| 33-38 | | 4125 | 3189 | 1.29 | 0.68 | 0.24 | 24 | | 0.70 | | | | | 17 | | 0.19 | | 0.25 | 1.0 |
| 38-39 | | | | | 0.65 | 0.24 | 21 | | 0.67 | | | | | 14 | | 0.16 | | 0.21 | 0.9 |
| 39-41 | | 4750 | 3502 | 1.36 | 0.64 | 0.23 | 26 | | 0.66 | | | | | 17 | | 0.19 | | 0.25 | 1.1 |
| 41-43 | | | | | 0.63 | 0.23 | 35 | | 0.64 | | | | | 22 | | 0.24 | | 0.31 | 1.4 |
| 43-46 | | 5375 | 3815 | 1.41 | 0.61 | 0.23 | >40 | | 0.63 | | | | | >25 | 6 | >0.29 | | >0.38 | >1.6 |
| 46-50 | | 6000 | 4129 | 1.45 | 0.58 | 0.23 | >40 | | 0.60 | | | | | >24 | 8 | >0.30 | | >0.39 | >1.7 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

Actual Energy Ratio = 0.67-1.17 (Safety Hammer)
= 0.50-1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
~~= 1.2 Sampler W/o liners~~

- $C_E$ = Corr. - Energy Ratio = Energy Ratio/60%
- $C_B$ = Corr. - Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. - Rod Length
- $C_S$ = Corr. - Sampling Method

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT | DATE

EVALUATION OF LIQUEFACTION POTENTIAL

SEISMIC SETTLEMENT EVALUATION ⇒ GWT @ 20' CAT-1

EQ Magnitude = 6.9, Hor. Ground Acceleration = 0.42g

| Depth (ft) | $N_{1,60}$ (Blows/ft) | Fines (%) | EQ CSR | Mdesign $M_{7.5}$ | Design CSR | Vert. Strain | Seismic Settle | Liquefaction F.S. |
|---|---|---|---|---|---|---|---|---|
| 24-25' | 14 | 5 | 0.24 | 1.3 | 0.18 | 1.7% | 0.20" | 0.9 |
| 32-33' | 14.5 | 5 | 0.24 | | 0.18 | 1.5% | 0.18" | 0.9 |
| 33-38' | 17 | 5 | 0.24 | | 0.18 | 0.5% | 0.30" | 1.0 |
| 38-39' | 14 | 5 | 0.24 | | 0.18 | 1.7% | 0.20" | 0.9 |

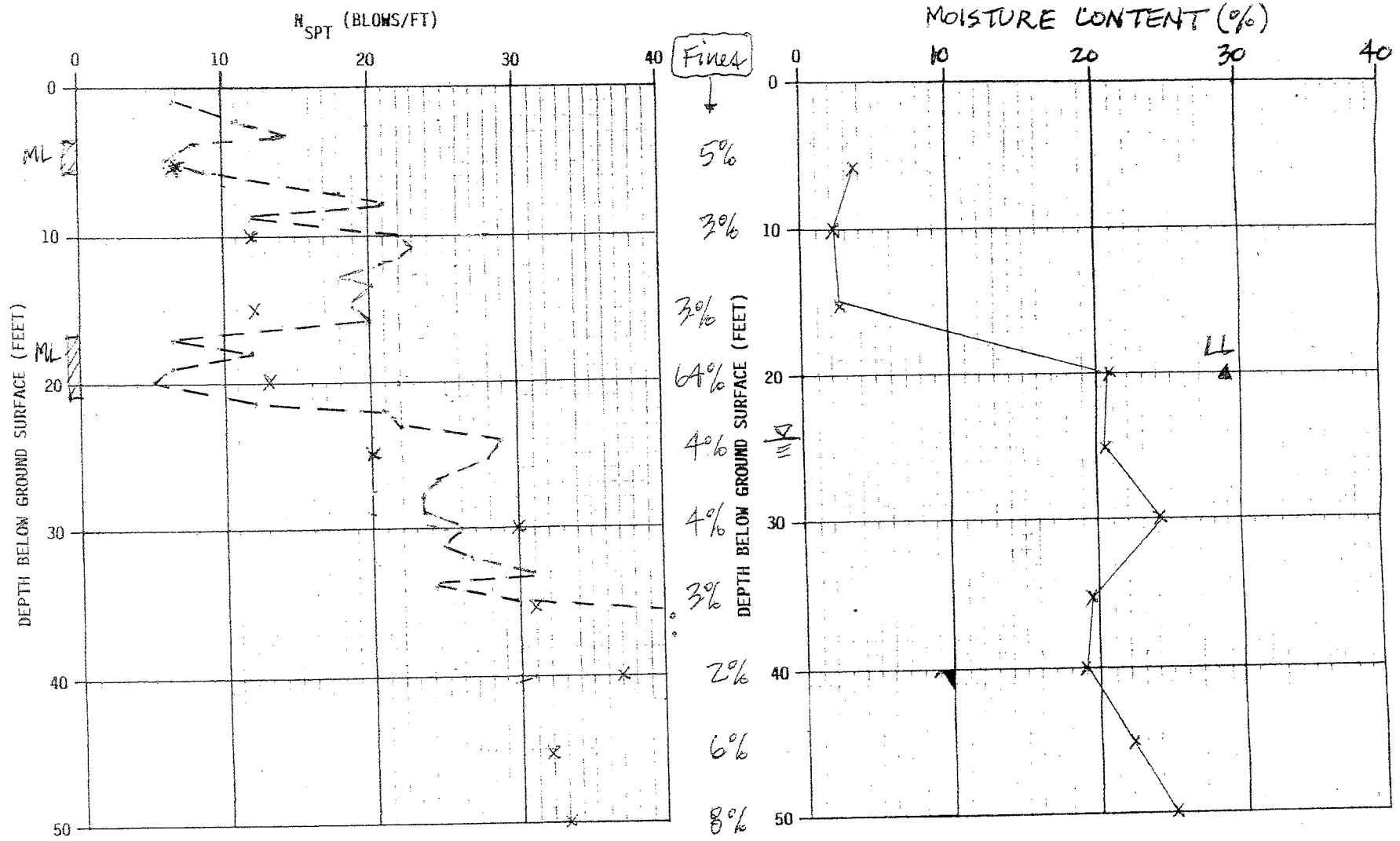
$\Sigma S = 0.88"$

Say $\Delta_{EQ} = 7/8"$ ←

NL - Non liquefiable soil layers with LL > 39% and PL > 18%

NorCal Engineering
SOILS AND GEOTECHNICAL CONSULTANTS

DATE




# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT

DATE

STANDARD PENETRATION TEST (SPT)
RESULTS AND MOISTURE
CONTENT VERSUS DEPTH

CPT-2A

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = 20'

EARTHQUAKE MAGNITUDE = 6.9

PEAK GROUND ACCELERATION = 0.42g

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_h/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/FT) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-4 | 110 | 440 | Same | 1.00 | 0.99 | 0.27 | 10 | | >1.6 | 1.00 | 1.00 | 1.00 | 1.00 | >16 | 5 | >0.18 | 1.3 | >0.23 | >0.9 |
| 4-6 | ↓ | 550 | ↓ | ↓ | 0.99 | 0.27 | 7 | | ↓ | ↓ | ↓ | ↓ | ↓ | 11 | >35 | >0.20 | ↓ | >0.26 | >1.0 |
| 6-8 | | 880 | | | 0.98 | 0.27 | 15 | | | | | | | 24 | 5 | 0.27 | | 0.35 | 1.3 |
| 8-13 | | 1100 | | | 0.96 | 0.26 | 18 | | | | | | | 29 | ↓ | 0.40 | | 0.52 | 2.0 |
| 13-17 | 115 | 1675 | | | 0.92 | 0.25 | 20 | | 1.15 | | | | | 23 | | 0.26 | | 0.34 | 1.4 |
| 17-20 | ↓ | 2250 | | | 0.87 | 0.24 | 8 | | 0.93 | | | | | 7.5 | >35 | >0.16 | | 0.21 | 0.9 |
| 20-22 | 125 | | | | 0.85 | 0.24 | 14 | | 0.85 | | | | | 12 | 5 | 0.13 | | 0.17 | 0.7 |
| 22-25 | ↓ | 2875 | 2563 | 1.12 | 0.80 | 0.24 | 25 | | 0.80 | | | | | 20 | ↓ | 0.22 | | 0.29 | 1.2 |
| 25-28 | | — | | | 0.78 | 0.24 | 27 | | 0.77 | | | | | 21 | | 0.23 | | 0.30 | 1.. |
| 28-29 | ↓ | ↓ | ↓ | ↓ | 0.75 | 0.24 | 23 | | 0.76 | ↓ | ↓ | ↓ | ↓ | 17.5 | 64 | >0.30 | ↓ | >0.39 | >1.6 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

Actual Energy Ratio = 0.67-1.17 (Safety Hammer)
= 0.50-1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
~~= 1.2 Sampler w/o liners~~

- $C_E$ = Corr. - Energy Ratio = Energy Ratio/60%
- $C_B$ = Corr. - Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. - Rod Length
- $C_S$ = Corr. - Sampling Method

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT | DATE

EVALUATION OF LIQUEFACTION POTENTIAL

CPT-7A

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = 20'

EARTHQUAKE MAGNITUDE = 6.9

PEAK GROUND ACCELERATION = 0.42g

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_{h}/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/FT) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29-31 | 125 | 3500 | 2876 | 1.22 | 0.74 | 0.24 | 24 | | 0.75 | 1.00 | 1.00 | 1.00 | 1.00 | 18 | 5 | 0.20 | 1.3 | 0.26 | 1.1 |
| 31-34 | | | | | 0.71 | 0.24 | 27 | | 0.72 | | | | | 19.5 | | 0.21 | | 0.27 | 1.1 |
| 34-36 | | 4125 | 3189 | 1.29 | 0.68 | 0.24 | 31 | | 0.70 | | | | | 22 | | 0.24 | | 0.31 | 1.3 |
| 36-34 | | | | | 0.65 | 0.24 | >40 | | 0.67 | | | | | >27 | | 0.33 | | 0.43 | 1.8 |
| 39-41 | ↓ | 4750 | 3502 | 1.36 | 0.64 | 0.23 | >40 | | 0.66 | ↓ | ↓ | ↓ | ↓ | >26 | ↓ | 0.30 | ↓ | 0.39 | 1.7 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

- $C_E$ = Corr. - Energy Ratio = Energy Ratio/60%
- $C_B$ = Corr. - Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. - Rod Length
- $C_S$ = Corr. - Sampling Method

Actual Energy Ratio = 0.67-1.17 (Safety Hammer)
= 0.50-1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
= 1.2 ~~Sampler w/o liners~~

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT | DATE

EVALUATION OF LIQUEFACTION POTENTIAL

SEISMIC SETTLEMENT EVALUATION → GWT @ 20' | CPT-2A

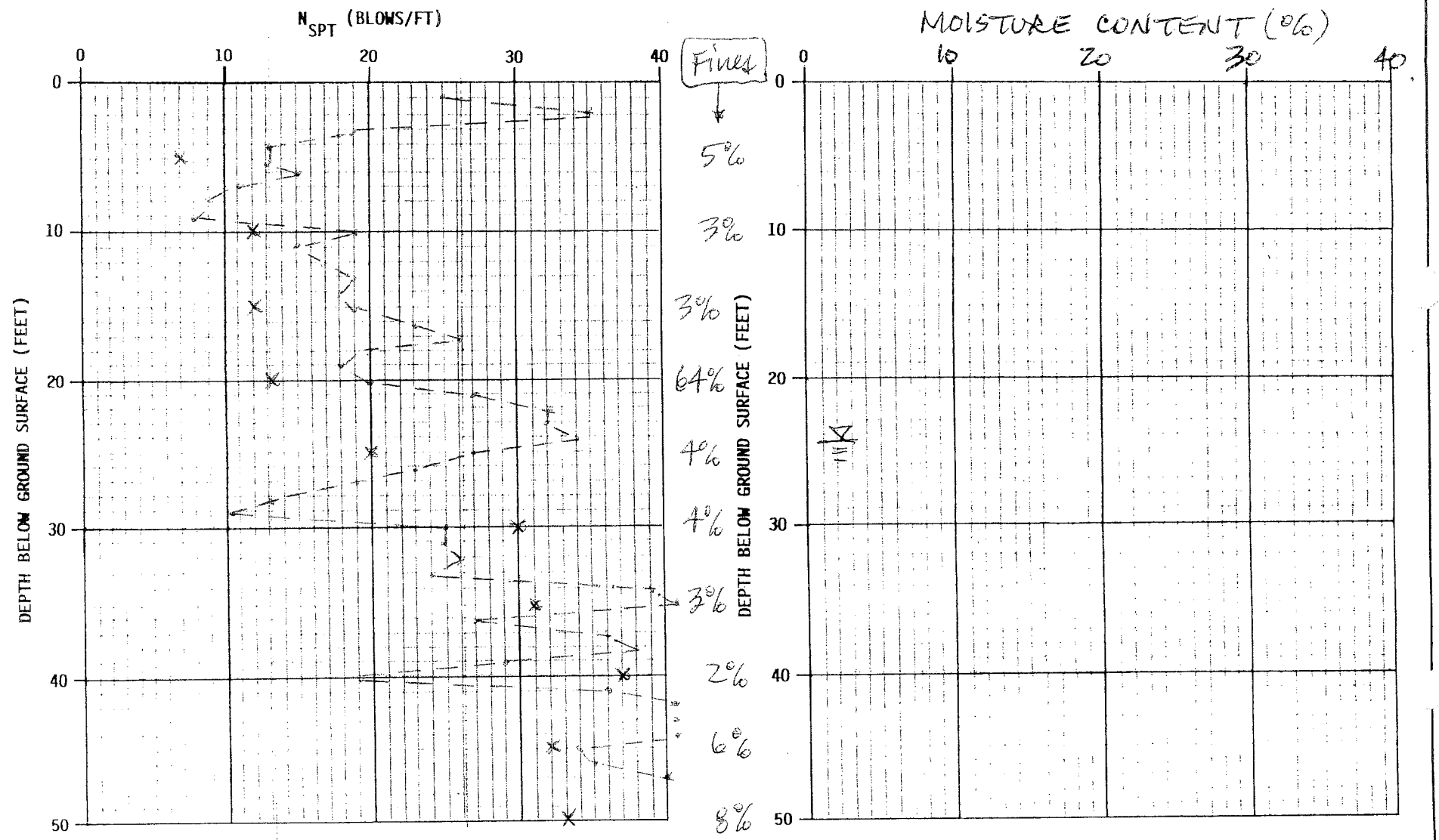
EQ Magnitude = 6.9, Hor. Ground Acceleration = 0.42g

| Depth (ft) | $N_{1,60}$ (Blows/ft) | Fines (%) | EQ CSR | $M_{design}$ / $M_{7.5}$ | Design CSR | Vert. Strain | Seismic Settle | Liquefaction F.S. |
|---|---|---|---|---|---|---|---|---|
| 20-22' | 12 | 5 | 0.24 | 1.3 | 0.18 | 2.1% | 0.50" | 0.7 |
| 29-31' | 18 | 5 | 0.24 | ↓ | 0.18 | 0.2% | 0.05" | 1.1 |
| 31-34' | 19.5 | 5 | 0.24 | ↓ | 0.18 | 0.1% | 0.04" | 1.1 |

$\Sigma S = 0.59"$

Say $\Delta_{EQ} = 5/8"$ ←

NL - Non liquefiable soil layers with LL > 39% and PL > 18%




× B-3

◦ CPT-3

DATE

STANDARD PENETRATION TEST (SPT)
RESULTS & MOISTURE CONTENT VERSUS DEPTH

CPT-3

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = 20'

EARTHQUAKE MAGNITUDE = 6.9

PEAK GROUND ACCELERATION = 0.42g

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_h/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/ft) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-4' | 110 | 440 | same | 1.00 | 0.99 | 0.27 | 25 | | >1.6 | 1.00 | 1.00 | 1.00 | 1.00 | >40 | 5 | >0.50 | 1.3 | >0.65 | >2.4 |
| 4-9' | ↓ | 990 | ↓ | ↓ | 0.97 | 0.26 | 11 | | >1.6 | ↓ | ↓ | ↓ | ↓ | >18 | 3 | >0.20 | ↓ | >0.26 | >1. |
| 9-11' | ↓ | 1100 | ↓ | ↓ | 0.96 | 0.26 | 14 | | 1.6 | ↓ | ↓ | ↓ | ↓ | 22 | >50 | >0.50 | ↓ | >0.65 | >2.5 |
| 11-15' | 115 | 1615 | ↓ | ↓ | 0.92 | 0.25 | 18 | | 1.15 | ↓ | ↓ | ↓ | ↓ | 21 | 3 | 0.23 | ↓ | 0.30 | 1.2 |
| 15-20' | ↓ | 2250 | ↓ | ↓ | 0.87 | 0.24 | 23 | | 0.95 | ↓ | ↓ | ↓ | ↓ | 22 | 4 | 0.24 | ↓ | 0.31 | 1.3 |
| 20-27' | 125 | 2875 | 2563 | 1.12 | 0.80 | 0.24 | 30 | | 0.85 | ↓ | ↓ | ↓ | ↓ | 26 | 4 | 0.30 | ↓ | 0.39 | 1.6 |
| 27-29' | ↓ | 3375 | 2813 | 1.20 | 0.75 | 0.24 | 15 | | 0.80 | ↓ | ↓ | ↓ | ↓ | 12 | >50 | >0.21 | ↓ | >0.27 | >1.1 |
| 29-33' | ↓ | 3500 | 2876 | 1.22 | 0.74 | 0.24 | 25 | | 0.78 | ↓ | ↓ | ↓ | ↓ | 20 | 4 | 0.21 | ↓ | 0.27 | 1.1 |
| 33-36' | ↓ | 4125 | 3189 | 1.29 | 0.68 | 0.24 | 36 | | 0.74 | ↓ | ↓ | ↓ | ↓ | 27 | 3 | 0.32 | ↓ | 0.42 | 1. |
| 36-39' | ↓ | 4625 | 3439 | 1.34 | 0.66 | 0.24 | 33 | | 0.70 | ↓ | ↓ | ↓ | ↓ | 23 | 3 | 0.26 | ↓ | 0.34 | 1.4 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

- $C_E$ = Corr. - Energy Ratio = Energy Ratio / 60%
- $C_B$ = Corr. - Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. - Rod Length
- $C_S$ = Corr. - Sampling Method

Actual Energy Ratio = 0.67-1.17 (Safety Hammer)
= 0.50-1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
= 1.2 ~~Sampler W/o liners~~

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT | DATE

EVALUATION OF LIQUEFACTION POTENTIAL

CPT-3

SITE LOCATION: _____

GEOTECHNICAL REPORT: _____

GEOLOGY REPORT: _____

DEPTH TO WATER TABLE = _____

EARTHQUAKE MAGNITUDE = _____

PEAK GROUND ACCELERATION = _____

| DEPTH BELOW FINAL GRADE (FEET) | MOIST DENSITY (PCF) | $\sigma_o$ TOTAL STRESS (PSF) | $\bar{\sigma}_o$ EFFECTIVE STRESS (PSF) | $\sigma_o/\bar{\sigma}_o$ (-) | $r_d$ (-) | ① $\tau_h/\bar{\sigma}_o$ (-) | N VALUE (BLOWS/FT) | RELATIVE DENSITY (%) | $C_N$ (-) | $C_E$ (-) | $C_B$ (-) | $C_R$ (-) | $C_S$ (-) | $(N_1)_{60}$ (BLOWS/FT) | FINES (%) | CRR M=7.5 | MSF (-) | CRR M=6.9 | LIQ. F.S. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39-40' | 125 | 4752 | 3502 | 1.36 | 0.64 | 0.23 | 19 | | 0.65 | 1.00 | 1.00 | 1.00 | 1.00 | 13 | >50 | >0.22 | 1.3 | >0.29 | >1.3 |
| 40-45' | | 5375 | 3845 | 1.40 | 0.61 | 0.23 | 40 | | 0.65 | | | | | 26 | 6 | 0.30 | | 0.39 | 1.7 |
| 45-47' | | 5625 | 3940 | 1.43 | 0.60 | 0.23 | 37 | | 0.63 | | | | | 23 | 7 | 0.28 | | 0.36 | 1.6 |
| 47-50' | ↓ | 6000 | 4129 | 1.45 | 0.58 | 0.23 | >40 | | 0.61 | | | | | 24 | 8 | 0.30 | | 0.39 | 1.7 |

① INDUCED CYCLIC STRESS RATIO = $\tau_{ave}/\bar{\sigma}_o = 0.65 \cdot \frac{a_{max}}{g} \cdot \frac{\sigma_o}{\bar{\sigma}_o} \cdot r_d$

Actual Energy Ratio = 0.67-1.17 (Safety Hammer)
= 0.50-1.00 (Donut Hammer)

Sampling Method = 1.0 Standard sampler
~~= 1.2 Sampler W/o liners~~

- $C_E$ = Corr. - Energy Ratio = Energy Ratio/60%
- $C_B$ = Corr. - Borehole Dia. = 1.15 for 8" dia. borehole
- $C_R$ = Corr. - Rod Length
- $C_S$ = Corr. - Sampling Method

**NorCal Engineering**
SOILS AND GEOTECHNICAL CONSULTANTS

PROJECT | DATE

EVALUATION OF LIQUEFACTION POTENTIAL

CAT-3

# SEISMIC SETTLEMENT EVALUATION ⇒ GWT @ 20'

EQ Magnitude = 6.9, Hor. Ground Acceleration = 0.42g

| Depth (ft) | $N_{1,60}$ (Blows/ft) | Fines (%) | EQ CSR | $M_{design}$ $M_{7.5}$ | Design CSR | Vert. Strain | Seismic Settle | Liquefaction F.S. |
|---|---|---|---|---|---|---|---|---|
| 27-29' | 12 (18) | >50 (5) | 0.24 | 1.3 | 0.18 | 0.2% | 0.05" | >1.1 |
| 29-33' | 20 | 4 | 0.24 | ↓ | 0.18 | 0.1% | 0.05" | 1.1 |

$\Sigma S = 0.10"$

Say $\Delta_{EQ} = 1/8"$ ←

NL - Non liquefiable soil layers with LL > 39% and PL > 18%

# Appendix D
## Soil Infiltration Data

North Palisade Partners
23559-22

# Log of Test Hole TH-1

Boring Location: 10990 N. Woodside Ave, Santee

Date of Drilling: 3/12/2024 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 2 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | Alluvium (Qoa) | | | | | |
| 5 | | Silty (medium to coarse graind) SAND | | | | | |
| | | Brown, medium dense, moist; with occasional gravel | | | | | |
| | | SAND (medium to coarse graind) | | | | | |
| | | Light brown, medium dense, damp; slightly silty | | | | | |
| 10 | | Boring completed at depth of 10' | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23559-22.log Date: 3/14/2024

**NorCal Engineering**

North Palisade Partners
23559-22

# Log of Test Hole TH-2

Boring Location: 10990 N. Woodside Ave, Santee

Date of Drilling: 3/12/2024 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 2 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | Alluvium (Qoa) | | | | | |
| 5 | | Silty (medium to coarse graind) SAND | | | | | |
| | | Brown, medium dense, moist; with occasional gravel | | | | | |
| | | SAND (medium to coarse graind) | | | | | |
| | | Light brown, medium dense, damp; slightly silty | | | | | |
| 10 | | Boring completed at depth of 10' | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

GWT not encountered

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**NorCal Engineering**

North Palisad[illegible]artners
23559-22

# Log of Test Hole TH-3

Boring Location: 10990 N. Woodside Ave, Santee

Date of Drilling: 3/12/2024 | Groundwater Depth: None Encountered

Drilling Method: Simco 2800 HS

Hammer Weight: 140 lbs. | Drop: 30"

Surface Elevation:

| Depth (feet) | Lith-ology | Material Description | Samples: Type | Samples: Blow Counts | Laboratory: Moisture | Laboratory: Dry Density | Laboratory: Fines Content % |
|---|---|---|---|---|---|---|---|
| 0 | | Asphalt pavement 2 inch thickness | | | | | |
| | | FILL (Af) | | | | | |
| | | Silty (fine to coarse grained) SAND | | | | | |
| | | Brown, medium dense, moist | | | | | |
| | | Alluvium (Qoa) | | | | | |
| 5 | | Silty (medium to coarse graind) SAND | | | | | |
| | | Brown, medium dense, moist; with occasional gravel | | | | | |
| | | SAND (medium to coarse graind) | | | | | |
| | | Light brown, medium dense, damp; slightly silty | | | | | |
| 10 | | Boring completed at depth of 10' | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |
| 35 | | | | | | | |

GWT not encountered

SuperLog CivilTech Software, USA www.civiltech.com File: C:\Superlog4\23559-22.log Date: 3/14/2024

**NorCal Engineering**

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SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| | |
|---|---|
| **Client:** North Palisade Partners | **Date:** 3/12/2024 |
| **Project No.:** 23559-22 | **Tested By:** J.S. |
| **Test Hole:** 1 | **USCS Soil Classification:** |
| **Depth of Test Hole:** 10' (120") | **Sides (if rectangular):** |
| **Diameter of Test Hole:** 6" | **Length:** |
| **Sandy Soil Criteria Test*:** | **Width:** |

| TRIAL NO. | START TIME | STOP TIME | TIME INTERVAL (MIN) | INITIAL DEPTH TO WATER (IN) | FINAL DEPTH TO WATER (IN) | CHANGE IN WATER LEVEL (IN) | GREATER THAN OR EQUAL TO 6" |
|---|---|---|---|---|---|---|---|
| 1 | 8:34 | 8:35 | 1 | 105.0 | 120.0 | 15.0 | |
| 2 | 8:35 | 8:36 | 1 | 105.0 | 120.0 | 15.0 | |

*If two consecutive measurements show that six inches of water seeps away in less than 25 minutes, the test shall be run for an additional hour with measurements taken every 10 minutes. Otherwise, pre-soak (fill) overnight. Obtain at least twelve measurements per hole over at least six hours (approximately 30-minute intervals) with a precision of at least 0.25".

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 1 | 8:36 | 8:38 | 2 | 105.0 | 120.0 | 15.0 | |
| 2 | 8:38 | 8:40 | 2 | 105.0 | 120.0 | 15.0 | |
| 3 | 8:40 | 8:42 | 2 | 105.0 | 120.0 | 15.0 | |
| 4 | 8:42 | 8:44 | 2 | 105.0 | 120.0 | 15.0 | |
| 5 | 8:44 | 8:46 | 2 | 105.0 | 120.0 | 15.0 | |
| 6 | 8:46 | 8:48 | 2 | 105.0 | 120.0 | 15.0 | |
| 7 | 8:48 | 8:50 | 2 | 105.0 | 120.0 | 15.0 | |
| 8 | 8:50 | 8:52 | 2 | 105.0 | 120.0 | 15.0 | |
| 9 | 8:52 | 8:55 | 3 | 105.0 | 120.0 | 15.0 | |
| 10 | 8:55 | 8:58 | 3 | 105.0 | 120.0 | 15.0 | |
| 11 | 8:58 | 9:01 | 3 | 105.0 | 120.0 | 15.0 | |
| 12 | 9:01 | 9:04 | 3 | 105.0 | 120.0 | 15.0 | |
| 13 | 9:04 | 9:07 | 3 | 105.0 | 120.0 | 15.0 | |
| 14 | 9:07 | 9:10 | 3 | 105.0 | 120.0 | 15.0 | |
| 15 | 9:10 | 9:13 | 3 | 105.0 | 120.0 | 15.0 | |

COMMENTS:

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 16 | 9:13 | 9:16 | 3 | 105.0 | 120.0 | 15.0 | |
| 17 | 9:16 | 9:19 | 3 | 105.0 | 120.0 | 15.0 | |
| 18 | 9:19 | 9:22 | 3 | 105.0 | 120.0 | 15.0 | |
| 19 | 9:22 | 9:25 | 3 | 105.0 | 120.0 | 15.0 | |
| 20 | 9:25 | 9:28 | 3 | 105.0 | 120.0 | 15.0 | |
| 21 | 9:28 | 9:31 | 3 | 105.0 | 120.0 | 15.0 | |
| 22 | 9:31 | 9:34 | 3 | 105.0 | 120.0 | 15.0 | |
| 23 | 9:34 | 9:37 | 3 | 105.0 | 120.0 | 15.0 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | |

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| | |
|---|---|
| **Client**: North Palisade Partners | **Date**: 3/12/2024 |
| **Project No.**: 23559-22 | **Tested By**: J.S. |
| **Test Hole**: 2 | **USCS Soil Classification**: |
| **Depth of Test Hole**: 10' (120") | **Sides (if rectangular)**: |
| **Diameter of Test Hole**: 6" | **Length**: |
| **Sandy Soil Criteria Test***: | **Width**: |

| TRIAL NO. | START TIME | STOP TIME | TIME INTERVAL (MIN) | INITIAL DEPTH TO WATER (IN) | FINAL DEPTH TO WATER (IN) | CHANGE IN WATER LEVEL (IN) | GREATER THAN OR EQUAL TO 6" |
|---|---|---|---|---|---|---|---|
| 1 | 9:44 | 9:45 | 1 | 105.0 | 120.0 | 15.0 | |
| 2 | 9:45 | 9:46 | 1 | 105.0 | 120.0 | 15.0 | |

*If two consecutive measurements show that six inches of water seeps away in less than 25 minutes, the test shall be run for an additional hour with measurements taken every 10 minutes. Otherwise, pre-soak (fill) overnight. Obtain at least twelve measurements per hole over at least six hours (approximately 30-minute intervals) with a precision of at least 0.25".

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 1 | 9:46 | 9:47 | 1 | 105.0 | 120.0 | 15.0 | |
| 2 | 9:47 | 9:48 | 1 | 105.0 | 120.0 | 15.0 | |
| 3 | 9:48 | 9:49 | 1 | 105.0 | 120.0 | 15.0 | |
| 4 | 9:49 | 9:50 | 1 | 105.0 | 120.0 | 15.0 | |
| 5 | 9:50 | 9:51 | 1 | 105.0 | 120.0 | 15.0 | |
| 6 | 9:51 | 9:52 | 1 | 105.0 | 120.0 | 15.0 | |
| 7 | 9:52 | 9:53 | 1 | 105.0 | 120.0 | 15.0 | |
| 8 | 9:53 | 9:54 | 1 | 105.0 | 120.0 | 15.0 | |
| 9 | 9:54 | 9:55 | 1 | 105.0 | 120.0 | 15.0 | |
| 10 | 9:55 | 9:56 | 1 | 105.0 | 120.0 | 15.0 | |
| 11 | 9:56 | 9:57 | 1 | 105.0 | 120.0 | 15.0 | |
| 12 | 9:57 | 9:58 | 1 | 105.0 | 120.0 | 15.0 | |
| 13 | 9:58 | 9:59 | 1 | 105.0 | 120.0 | 15.0 | |
| 14 | 9:59 | 10:00 | 1 | 105.0 | 120.0 | 15.0 | |
| 15 | 10:00 | 10:01 | 1 | 105.0 | 120.0 | 15.0 | |
| COMMENTS: | | | | | | | |

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 16 | 10:01 | 10:02 | 1 | 105.0 | 120.0 | 15.0 | |
| 17 | 10:02 | 10:03 | 1 | 105.0 | 120.0 | 15.0 | |
| 18 | 10:03 | 10:04 | 1 | 105.0 | 120.0 | 15.0 | |
| 19 | 10:04 | 10:05 | 1 | 105.0 | 120.0 | 15.0 | |
| 20 | 10:05 | 10:06 | 1 | 105.0 | 120.0 | 15.0 | |
| 21 | 10:06 | 10:07 | 1 | 105.0 | 120.0 | 15.0 | |
| 22 | 10:07 | 10:08 | 1 | 105.0 | 120.0 | 15.0 | |
| 23 | 10:08 | 10:09 | 1 | 105.0 | 120.0 | 15.0 | |
| 24 | 10:09 | 10:10 | 1 | 105.0 | 120.0 | 15.0 | |
| 25 | 10:10 | 10:11 | 1 | 105.0 | 120.0 | 15.0 | |
| 26 | 10:11 | 10:12 | 1 | 105.0 | 120.0 | 15.0 | |
| 27 | 10:12 | 10:13 | 1 | 105.0 | 120.0 | 15.0 | |
| 28 | 10:13 | 10:14 | 1 | 105.0 | 120.0 | 15.0 | |
| 29 | 10:14 | 10:15 | 1 | 105.0 | 120.0 | 15.0 | |
| 30 | 10:15 | 10:16 | 1 | 105.0 | 120.0 | 15.0 | |
| 31 | 10:16 | 10:17 | 1 | 105.0 | 120.0 | 15.0 | |
| 32 | 10:17 | 10:18 | 1 | 105.0 | 120.0 | 15.0 | |
| 33 | 10:18 | 10:19 | 1 | 105.0 | 120.0 | 15.0 | |
| 34 | 10:19 | 10:20 | 1 | 105.0 | 120.0 | 15.0 | |
| 35 | 10:20 | 10:21 | 1 | 105.0 | 120.0 | 15.0 | |
| 36 | 10:21 | 10:22 | 1 | 105.0 | 120.0 | 15.0 | |
| 37 | 10:22 | 10:23 | 1 | 105.0 | 120.0 | 15.0 | |
| 38 | 10:23 | 10:24 | 1 | 105.0 | 120.0 | 15.0 | |
| 39 | 10:24 | 10:25 | 1 | 105.0 | 120.0 | 15.0 | |
| 40 | 10:25 | 10:26 | 1 | 105.0 | 120.0 | 15.0 | |
| 41 | 10:26 | 10:27 | 1 | 105.0 | 120.0 | 15.0 | |
| 42 | 10:27 | 10:28 | 1 | 105.0 | 120.0 | 15.0 | |
| 43 | 10:28 | 10:29 | 1 | 105.0 | 120.0 | 15.0 | |
| 44 | 10:29 | 10:30 | 1 | 105.0 | 120.0 | 15.0 | |
| 45 | 10:30 | 10:31 | 1 | 105.0 | 120.0 | 15.0 | |
| 46 | 10:31 | 10:32 | 1 | 105.0 | 120.0 | 15.0 | |
| 47 | 10:32 | 10:33 | 1 | 105.0 | 120.0 | 15.0 | |
| COMMENTS: | | | | | | | |

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 48 | 10:33 | 10:34 | 1 | 105.0 | 120.0 | 15.0 | |
| 49 | 10:34 | 10:35 | 1 | 105.0 | 120.0 | 15.0 | |
| 50 | 10:35 | 10:36 | 1 | 105.0 | 120.0 | 15.0 | |
| 51 | 10:36 | 10:37 | 1 | 105.0 | 120.0 | 15.0 | |
| 52 | 10:37 | 10:38 | 1 | 105.0 | 120.0 | 15.0 | |
| 53 | 10:38 | 10:39 | 1 | 105.0 | 120.0 | 15.0 | |
| 54 | 10:39 | 10:40 | 1 | 105.0 | 120.0 | 15.0 | |
| 55 | 10:40 | 10:41 | 1 | 105.0 | 120.0 | 15.0 | |
| 56 | 10:41 | 10:42 | 1 | 105.0 | 120.0 | 15.0 | |
| 57 | 10:42 | 10:43 | 1 | 105.0 | 120.0 | 15.0 | |
| 58 | 10:43 | 10:44 | 1 | 105.0 | 120.0 | 15.0 | |
| 59 | 10:44 | 10:45 | 1 | 105.0 | 120.0 | 15.0 | |
| 60 | 10:45 | 10:46 | 1 | 105.0 | 120.0 | 15.0 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | |

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| | |
|---|---|
| **Client:** North Palisade Partners | **Date:** 3/12/2024 |
| **Project No.:** 23559-22 | **Tested By:** J.S. |
| **Test Hole:** 3 | **USCS Soil Classification:** |
| **Depth of Test Hole:** 10' (120") | **Sides (if rectangular):** |
| **Diameter of Test Hole:** 6" | **Length:** |
| **Sandy Soil Criteria Test*:** | **Width:** |

| TRIAL NO. | START TIME | STOP TIME | TIME INTERVAL (MIN) | INITIAL DEPTH TO WATER (IN) | FINAL DEPTH TO WATER (IN) | CHANGE IN WATER LEVEL (IN) | GREATER THAN OR EQUAL TO 6" |
|---|---|---|---|---|---|---|---|
| 1 | 11:00 | 11:01 | 1 | 105.0 | 120.0 | 15.0 | |
| 2 | 11:01 | 11:02 | 1 | 105.0 | 120.0 | 15.0 | |

*If two consecutive measurements show that six inches of water seeps away in less than 25 minutes, the test shall be run for an additional hour with measurements taken every 10 minutes. Otherwise, pre-soak (fill) overnight. Obtain at least twelve measurements per hole over at least six hours (approximately 30-minute intervals) with a precision of at least 0.25".

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 1 | 11:02 | 11:03 | 1 | 105.0 | 120.0 | 15.0 | |
| 2 | 11:03 | 11:04 | 1 | 105.0 | 120.0 | 15.0 | |
| 3 | 11:04 | 11:05 | 1 | 105.0 | 120.0 | 15.0 | |
| 4 | 11:05 | 11:06 | 1 | 105.0 | 120.0 | 15.0 | |
| 5 | 11:06 | 11:07 | 1 | 105.0 | 120.0 | 15.0 | |
| 6 | 11:07 | 11:08 | 1 | 105.0 | 120.0 | 15.0 | |
| 7 | 11:08 | 11:09 | 1 | 105.0 | 120.0 | 15.0 | |
| 8 | 11:09 | 11:10 | 1 | 105.0 | 120.0 | 15.0 | |
| 9 | 11:10 | 11:11 | 1 | 105.0 | 120.0 | 15.0 | |
| 10 | 11:11 | 11:12 | 1 | 105.0 | 120.0 | 15.0 | |
| 11 | 11:12 | 11:13 | 1 | 105.0 | 120.0 | 15.0 | |
| 12 | 11:13 | 11:14 | 1 | 105.0 | 120.0 | 15.0 | |
| 13 | 11:14 | 11:15 | 1 | 105.0 | 120.0 | 15.0 | |
| 14 | 11:15 | 11:16 | 1 | 105.0 | 120.0 | 15.0 | |
| 15 | 11:16 | 11:17 | 1 | 105.0 | 120.0 | 15.0 | |
| COMMENTS: | | | | | | | |

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 16 | 11:17 | 11:18 | 1 | 105.0 | 120.0 | 15.0 | |
| 17 | 11:18 | 11:19 | 1 | 105.0 | 120.0 | 15.0 | |
| 18 | 11:19 | 11:20 | 1 | 105.0 | 120.0 | 15.0 | |
| 19 | 11:20 | 11:21 | 1 | 105.0 | 120.0 | 15.0 | |
| 20 | 11:21 | 11:22 | 1 | 105.0 | 120.0 | 15.0 | |
| 21 | 11:22 | 11:23 | 1 | 105.0 | 120.0 | 15.0 | |
| 22 | 11:23 | 11:24 | 1 | 105.0 | 120.0 | 15.0 | |
| 23 | 11:24 | 11:25 | 1 | 105.0 | 120.0 | 15.0 | |
| 24 | 11:25 | 11:26 | 1 | 105.0 | 120.0 | 15.0 | |
| 25 | 11:26 | 11:27 | 1 | 105.0 | 120.0 | 15.0 | |
| 26 | 11:27 | 11:28 | 1 | 105.0 | 120.0 | 15.0 | |
| 27 | 11:28 | 11:29 | 1 | 105.0 | 120.0 | 15.0 | |
| 28 | 11:29 | 11:30 | 1 | 105.0 | 120.0 | 15.0 | |
| 29 | 11:30 | 11:31 | 1 | 105.0 | 120.0 | 15.0 | |
| 30 | 11:31 | 11:32 | 1 | 105.0 | 120.0 | 15.0 | |
| 31 | 11:32 | 11:33 | 1 | 105.0 | 120.0 | 15.0 | |
| 32 | 11:33 | 11:34 | 1 | 105.0 | 120.0 | 15.0 | |
| 33 | 11:34 | 11:35 | 1 | 105.0 | 120.0 | 15.0 | |
| 34 | 11:35 | 11:36 | 1 | 105.0 | 120.0 | 15.0 | |
| 35 | 11:36 | 11:37 | 1 | 105.0 | 120.0 | 15.0 | |
| 36 | 11:37 | 11:38 | 1 | 105.0 | 120.0 | 15.0 | |
| 37 | 11:38 | 11:39 | 1 | 105.0 | 120.0 | 15.0 | |
| 38 | 11:39 | 11:40 | 1 | 105.0 | 120.0 | 15.0 | |
| 39 | 11:40 | 11:41 | 1 | 105.0 | 120.0 | 15.0 | |
| 40 | 11:41 | 11:42 | 1 | 105.0 | 120.0 | 15.0 | |
| 41 | 11:42 | 11:43 | 1 | 105.0 | 120.0 | 15.0 | |
| 42 | 11:43 | 11:44 | 1 | 105.0 | 120.0 | 15.0 | |
| 43 | 11:44 | 11:45 | 1 | 105.0 | 120.0 | 15.0 | |
| 44 | 11:45 | 11:46 | 1 | 105.0 | 120.0 | 15.0 | |
| 45 | 11:46 | 11:47 | 1 | 105.0 | 120.0 | 15.0 | |
| 46 | 11:47 | 11:48 | 1 | 105.0 | 120.0 | 15.0 | |
| 47 | 11:48 | 11:49 | 1 | 105.0 | 120.0 | 15.0 | |
| COMMENTS: | | | | | | | |

NORCAL ENGINEERING

SOILS AND GEOTECHNICAL CONSULTANTS

## PERCOLATION TEST DATA

| TRIAL NO | START TIME | STOP TIME | ΔT TIME INTERVAL (MIN) | Do INITIAL DEPTH TO WATER (IN) | Df FINAL DEPTH TO WATER (IN) | ΔD CHANGE IN WATER LEVEL (IN) | PERCOLATION RATE (MIN/IN) |
|---|---|---|---|---|---|---|---|
| 48 | 11:49 | 11:50 | 1 | 105.0 | 120.0 | 15.0 | |
| 49 | 11:50 | 11:51 | 1 | 105.0 | 120.0 | 15.0 | |
| 50 | 11:51 | 11:52 | 1 | 105.0 | 120.0 | 15.0 | |
| 51 | 11:52 | 11:53 | 1 | 105.0 | 120.0 | 15.0 | |
| 52 | 11:53 | 11:54 | 1 | 105.0 | 120.0 | 15.0 | |
| 53 | 11:54 | 11:55 | 1 | 105.0 | 120.0 | 15.0 | |
| 54 | 11:55 | 11:56 | 1 | 105.0 | 120.0 | 15.0 | |
| 55 | 11:56 | 11:57 | 1 | 105.0 | 120.0 | 15.0 | |
| 56 | 11:57 | 11:58 | 1 | 105.0 | 120.0 | 15.0 | |
| 57 | 11:58 | 11:59 | 1 | 105.0 | 120.0 | 15.0 | |
| 58 | 11:59 | 12:00 | 1 | 105.0 | 120.0 | 15.0 | |
| 59 | 12:00 | 12:01 | 1 | 105.0 | 120.0 | 15.0 | |
| 60 | 12:01 | 12:02 | 1 | 105.0 | 120.0 | 15.0 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | |

# SOIL INFILTRATION RATE CALCS ⇒ PORCHET METHOD

| Location: | TH-1 | TH-2 |
|---|---|---|
| • Depth of Hole = | 5.0' | 10.0' |
| • Hole Radius = | 3" | 3" |
| • Drop = $\Delta h$ | 15" | 15" |
| • Time = $\Delta t$ Interval | 7 min | 8 min |
| • Initial Water Depth = $H_o$ | 15" | 15" |
| • Final Water Depth = $H_t$ | Ø | Ø |
| • Average Water Head = $H_{avg}$ | 7.5" | 7.5" |
| • INFILTRATION RATE | 21.4 in/hr | 18.8 in/hr |

$$\text{Infiltration Rate} = \frac{\Delta h\,(60)(r)}{\Delta t\,(r + 2 \cdot H_{avg})}$$

$$\text{Average Water Head} = \tfrac{1}{2}(H_t - H_o)$$

NorCal Engineering
SOILS AND GEOTECHNICAL CONSULTANTS

DATE

# Appendix H
Paleontological Resources Memorandum

DUDEK
MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

# MEMORANDUM

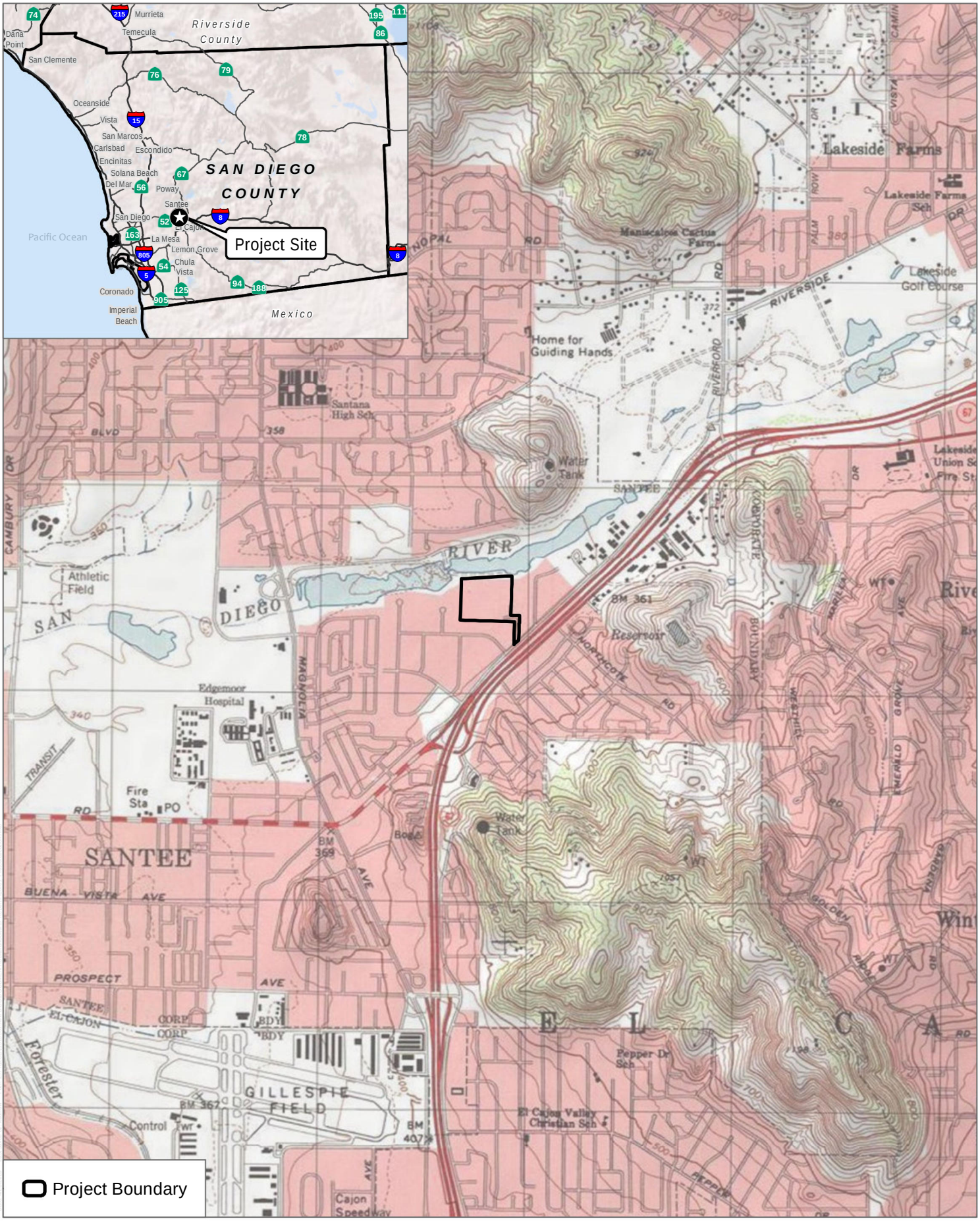
| | |
|---|---|
| **To:** | Marni Borg, Principal Environmental Planner, City of Santee |
| **From:** | Michael Williams, Ph.D. |
| **Subject:** | Paleontological Resources Memorandum – Palisade Santee Commerce Center Project |
| **Date:** | July 6, 2023 (Revised May 20, 2024) |
| **cc:** | Sarah Siren, Kristen Stoner, Dudek |
| **Attachment:** | A: San Diego Natural History Museum Records Search Results |

Dudek is providing this memo after completing a review of the potential for impacts to paleontological resources during construction activities for the Palisade Santee Commerce Center Project (Project or proposed Project), located in the City of Santee, San Diego County, California. The City of Santee (City) is the lead agency and responsible for compliance with the California Environmental Quality Act (CEQA). This paleontological resources study included a paleontological resources records search conducted by the San Diego Natural History Museum (SDNHM), in addition to a review of published geological maps and paleontological literature. Dudek conducted this paleontological resources study in accordance with CEQA and guidelines from the Society of Vertebrate Paleontology (SVP 2010).

## Project Location and Description

The proposed Project site is located on 13.66 acres at 10990 Woodside Avenue North (Woodside Avenue N.) in Santee, California. The Project site falls within Section 23 of Township 15 South, Range 1 West of the El Cajon, California 7.5-minute Quadrangle and encompasses one Assessor Parcel Number (APN): 381-070-52-00 (Figure 1). The Project site contains the Santee Drive-In Theatre, an access road that extends to Woodside Avenue N., some landscaping, and an undeveloped area located along the northern boundary of the parcel. The Project area is bound by industrial uses to the east, west, and south, and the San Diego River to the north. Residential areas are located just north of the San Diego River. No change to current site zoning and land use designation are proposed.

The Project would redevelop the site for the construction of one warehouse building (280,000 to 300,000 square feet), including office and mezzanine and approximately 42 dock-hi doors; parking spaces; improvements to internal roadways, driveway access, and Woodside Avenue North frontage; automated gates equipped with knox boxes; and landscaping. This scope of work assumes project development would extend to the undeveloped northern boundary of APN 381-070-52-00 and that Project access would be limited to the driveway access at Woodside Avenue N.




SOURCE: USGS 7.5-Minute Series El Cajon Quadrangle
Township 15S; Range 1W; Sections 23, 26.

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

Santee Warehouse Project

# Regulatory Framework

## California Environmental Quality Act

CEQA Guidelines require that all private and public activities not specifically exempted be evaluated against the potential for environmental damage, including effects to paleontological resources. Paleontological resources, which are limited, nonrenewable resources of scientific, cultural, and educational value, are recognized as part of the environment under these state guidelines. This study satisfies project requirements in accordance with CEQA (13 PRC, 2100 et seq.) and Public Resources Code Section 5097.5 (Stats 1965, c 1136, p. 2792). This analysis also complies with guidelines and significance criteria specified by the Society of Vertebrate Paleontology ([SVP] 2010).

Paleontological resources are explicitly afforded protection by CEQA, specifically in Section VII(f) of CEQA Guidelines Appendix G, the "Environmental Checklist Form," which addresses the potential for adverse impacts to "unique paleontological resource[s] or site[s] or … unique geological feature[s]." This provision covers fossils of significant importance – remains of species or genera new to science, for example, or fossils exhibiting features not previously recognized for a given animal group – as well as localities that yield fossils significant in their abundance, diversity, preservation, and so forth. Further, CEQA provides that generally, a resource shall be considered "historically significant" if it has yielded or may be likely to yield information important in prehistory (PRC 15064.5 [a][3][D]). Paleontological resources would fall within this category. The PRC, Chapter 1.7, sections 5097.5 and 30244 also regulates removal of paleontological resources from state lands, defines unauthorized removal of fossil resources as a misdemeanor, and requires mitigation of disturbed sites.

# Geological and Paleontological Setting

The proposed Project site lies within the Peninsular Ranges Geomorphic Province (California Geological Survey 2002). This province extends from the tip of the Baja California Peninsula to the Transverse Ranges (the San Gabriel and San Bernardino Mountains) and includes the Los Angeles Basin, offshore islands (Santa Catalina, Santa Barbara, San Nicholas, and San Clemente), and continental shelf. The eastern boundary is the Colorado Desert Geomorphic Province (California Geological Survey 2002; Morton and Miller 2006). The ancestral Peninsular Ranges were formed by uplift of plutonic igneous rock resulting from the subduction of the Farallon Plate underneath the North American Plate during the latter portion of the Mesozoic era (approximately 90 to 125 million years ago [mya]) (Abbott 1999).

Todd (2004) mapped the geology of the El Cajon 7.5-minute Topographic Quadrangle map, which includes the Project site, at a scale of 1:100,000. According to this mapping, the Project site is mapped as Holocene to late Pleistocene (< 11,700 years ago to approximately 129,000 years ago; Cohen et al. [2023]) Quaternary alluvium and colluvium undivided deposits (map unit Qu), which generally consists of silty, graded fine to medium grained sand with silt and clay. The geotechnical report prepared for the Project documented in their boring logs asphalt and fill ranging from 1 to 2 feet below the ground surface, followed by alluvial deposits from 3 to approximately 50 feet below the ground surface, which was the maximum depth explored.

Holocene to Pleistocene alluvial and colluvial deposits generally have low paleontological sensitivity at the surface because of their young age; however, because the age of sediments increases with depth below the ground surface,

the paleontological sensitivity may increase from the surface to the subsurface, where middle Holocene (approximately 5,000 years ago) to Pleistocene sediments can be found.

# Paleontological Records Search

A paleontological records search request covering the Project site and a one-mile radius buffer was sent to the San Diego Natural History Museum (SDNHM) on April 7, 2023, and the results were received on April 21, 2023. According to the records search results, no paleontological localities are documented within the Project site boundaries and there were no documented localities within the one-mile buffer area surrounding the Project. The SDNHM indicated that the Holocene to late Pleistocene deposits present on the surface of the Project site are likely underlain by early Cretaceous (approximately 126 mya) intrusive igneous rocks that have no paleontological sensitivity. Therefore, a paleontological mitigation program was not recommended.

# Findings and Recommendations

No paleontological resources were identified within the Project site as a result of the institutional records search, and desktop geological and paleontological review, and the Project site is not anticipated to be underlain by unique geologic features. Areas of the Project site underlain by Holocene to Pleistocene alluvial and colluvial deposits have low paleontological sensitivity but may increase at depth. In the event that intact paleontological resources are located beneath the Project site, ground-disturbing activities associated with construction of the Project, such as grading during site preparation and large diameter drilling (more than 2 feet diameter), have a low potential to destroy a unique paleontological resource or site. Without mitigation, the potential damage to paleontological resources during construction would be a potentially significant impact. However, upon implementation of **MM-CUL_1**, impacts would be reduced to below the level of significance. Impacts of the project are considered less than significant with mitigation incorporated during construction.

MM-CUL-3 Inadvertent Discovery. In the event that paleontological resources (e.g., fossils and associated data) are exposed during construction activities for the project, all construction work occurring within 50 feet of the find shall immediately stop until a qualified paleontologist meeting the professional standards of the Society of Vertebrate Paleontology can evaluate the significance of the find and determine whether or not additional study is warranted. If the discovery is clearly not significant, the qualified paleontologist may document the find and allow work to continue. If the discovery proves potentially significant under CEQA, additional work such as preparation of a paleontological treatment plan and paleontological monitoring may be warranted at the direction and discretion of the qualified paleontologist.

Should you have any questions relating to this report and its findings please contact Michael Williams (mwilliams@dudek.com).

Respectfully Submitted,

**Michael Williams,** Ph.D.
Paleontologist
Mobile: 225.892.7622
Email: mwilliams@dudek.com

*Att.: Attachment A- SDNHM Paleontological Records Search Results*
*cc: Sarah Siren, Dudek*
*Kristen Stoner, Dudek*

# References

Abbott, P.L. 1999. The Rise and Fall of San Diego: 150 Million Years of History Recorded in Sedimentary Rocks. San Diego, California: Sunbelt Publications.

California Geological Survey (CGS). 2002. California Geomorphic Provinces: Note 36. 4 pp.

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Morton, D.M. and F.K. Miller. 2006. Geologic Map of the San Bernardino and Santa Ana 30-minute x 60-minute quadrangles, California, Geology and Description of Map Units, Version 1.0: U.S. Geological Survey, Open-File Report OF-2006-1217. 194 pp.

NorCal Engineering 2024. Updated Geotechnical Engineering Investigation for the Proposed Industrial Warehouse Development, Santee California. Project Number 23559-22. Dated: March 20, 2024.

Society of Vertebrate Paleontology (SVP). 2010. Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources. Available: https://vertpaleo.org/wp-content/uploads/2021/01/SVP_Impact_Mitigation_Guidelines.pdf.

Todd, V.R., Alvarez, R.M., and Techni Graphic Systems, Inc., 2004. Preliminary geologic map of the El Cajon 30' X 60' quadrangle, southern California: U.S. Geological Survey, Open-File Report OF-2004-1361, scale 1:100,000

.

# Attachment A

San Diego Natural History Museum
Records Search Results

21 April 2023

Jason Collins
Dudek
605 3rd Street
Encinitas, CA 92024

RE: Paleontological Records Search – PN15138 Santee Warehouse Project

Dear Mr. Collins:

This letter presents the results of a paleontological records search conducted for the Santee Warehouse Project (Project), located in the City of Santee in southwestern San Diego County, California. The Project is bound to the north by Los Coches Creek and to the east, south, and west by commercial development. The Project site also includes a driveway connecting the parcel to North Woodside Avenue (Figure 1).

## Methods

A review of published geological maps covering the Project site and surrounding area was conducted to determine the specific geologic units underlying the Project site. Each geologic unit was subsequently assigned a paleontological resource sensitivity (Deméré and Walsh, 1993). In addition, a search of the paleontological collection records housed at the San Diego Natural History Museum (SDNHM) was conducted in order to determine if any documented fossil collection localities occur within the Project site or in the immediate surrounding area.

## Results

Published geological reports (e.g., Todd, 2004) covering the Project area indicate that the proposed Project has the potential to impact Holocene-age alluvial deposits and Early Cretaceous-age intrusive igneous rocks. These geologic units and their paleontological sensitivity are summarized below. The SDNHM does not have any recorded fossil localities that lie within one mile of the Project site.

**Young alluvial flood plain deposits –** Late Pleistocene- to Holocene-age (less than approximately 129,000 years old) young alluvial flood plain deposits underlie the northern margin of the Project site at the surface. These deposits consist of unconsolidated sandy, silty, or clay-bearing alluvium deposited by the action of recently active streams. These deposits are assigned a low paleontological sensitivity based on their relatively young geologic age and lack of recorded fossil collection localities (Deméré and Walsh, 1993).

**Alluvial deposits, undivided –** Late Pleistocene- to Holocene-age (less than approximately 129,000 years old) undivided alluvial deposits underlie the majority of the Project site at the surface. These deposits consist of mixed alluvial and colluvial sediments. These deposits are assigned a low paleontological sensitivity based on their relatively young geologic age and lack of recorded fossil collection localities (Deméré and Walsh, 1993).

**Intrusive igneous rocks –** Early Cretaceous-age (approximately 126 million years old) intrusive igneous rocks (specifically, granitoid rocks) likely underlie the Project site in the subsurface. These rocks comprise part of the northern end of the Peninsular Ranges Batholith. Plutonic igneous rocks do not preserve fossils because they crystallize at extremely high temperatures and pressures

several miles below the earth's surface. Consequently, these rocks are assigned no paleontological sensitivity.

## Summary and Recommendations

As discussed above, the Project site is underlain by young surficial deposits assigned a low paleontological sensitivity at the surface and non-fossil-bearing intrusive igneous rocks assigned no paleontological sensitivity in the subsurface. Construction-related earthwork activities (e.g., grading, trenching) are not anticipated to result in significant impacts to paleontological resources, and therefore paleontological monitoring is not recommended during construction of this Project.

If you have any questions concerning these findings, please feel free to contact me at kmueller@sdnhm.org.

Sincerely,



Kirstin Mueller
Assistant Report Writer
San Diego Natural History Museum

*Enc: Figure 1 – Project map*

## Literature Cited

Deméré, T.A., and S.L. Walsh. 1993. Paleontological Resources, County of San Diego. Unpublished technical report prepared for the San Diego County Department of Public Works: 1–68.

San Diego Natural History Museum (SDNHM), unpublished paleontological collections data.

Todd, V.R. 2004. Preliminary geologic map of the El Cajon 30' x 60' quadrangle, southern California. USGS Open-File Report 2004-1361.

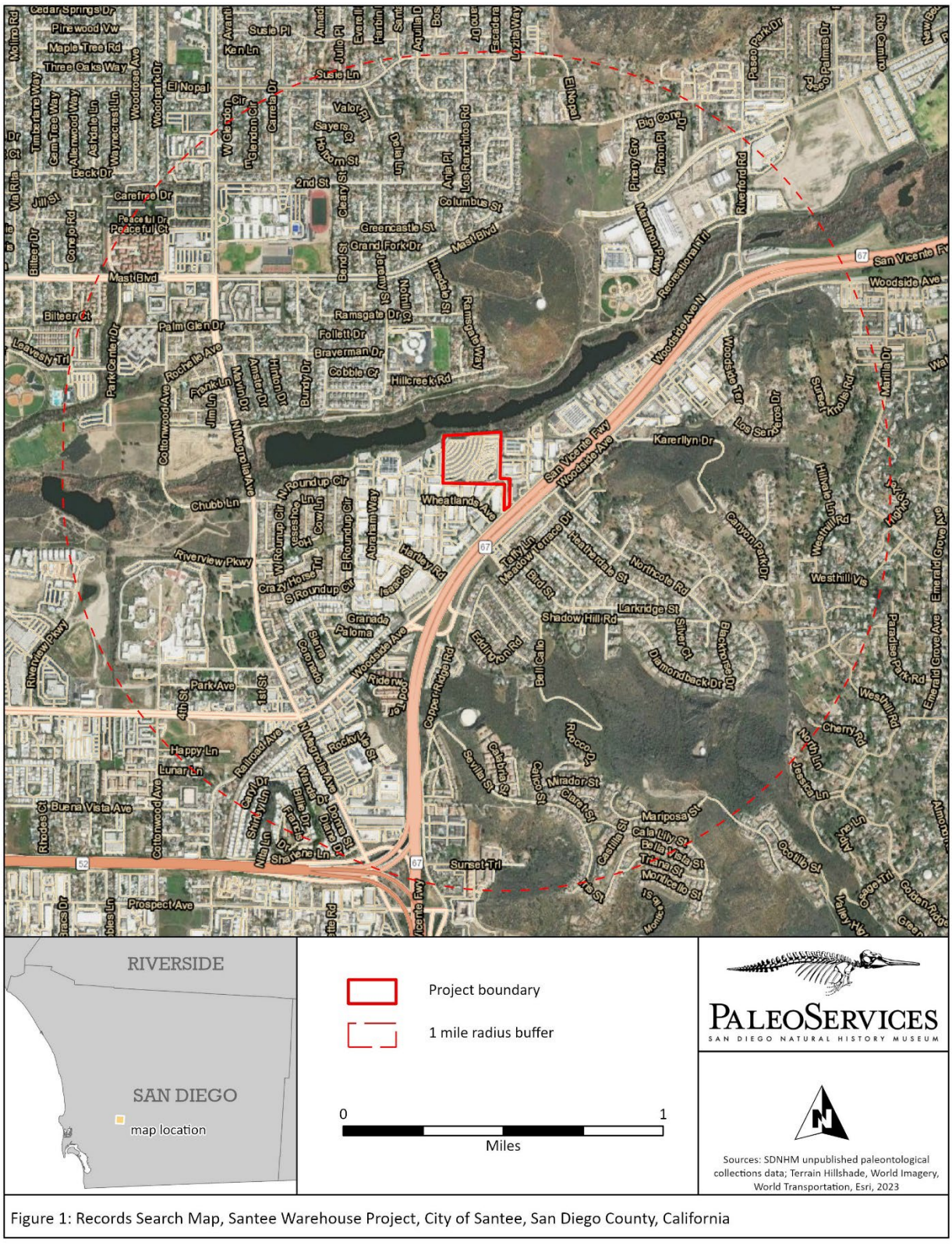


Figure 1: Records Search Map, Santee Warehouse Project, City of Santee, San Diego County, California

# Appendix I

Phase I Environmental Site Assessment

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

## 10990 North Woodside Avenue
## Santee, California 92071

Prepared for:

**North Palisade Partners, LLC**
**1330 Factory Place, Suite 105**
**Los Angeles, California 90013**

Prepared by:

Hazard Management Consulting, Inc.
211 W. Avenida Cordoba, Suite 200
San Clemente, CA 92672
(949) 361-3902

October 17, 2022

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C - Supporting Documents

## Executive Summary

Hazard Management Consulting, Inc. (HMC) is pleased to submit this Environmental Site Assessment (ESA) for the property referenced above in the City of Santee, California (Site) (Figures 1 & 2). This ESA was prepared to evaluate the Site for potential Recognized Environmental Conditions (RECs) that may be present and was conducted as part of your due diligence efforts to acquire the Site. The Site has been assigned Assessor's Parcel Number 3810-705-200 and measures approximately 13.38-acres containing the Santee Drive In Theatre. The Santee Swap Meet also utilizes the Site on weekends. Historically, the Site was used for agriculture until the 1950's.

The Site is relatively flat with an elevation of approximately 355 feet above mean sea level (msl) with a regional slope to the west southwest. The Site is located in the City of Santee, San Diego County and is set in an industrial use area located on the north side on North Woodside Avenue.

The Site is bound:

- to the north by the San Diego River;
- on the east by an auto body shop (10996 N. Woodside Ave.) auto detailing shop (9444 Mission Park Pl.), specialty heating and furnace manufacturer (11015 Mission Park Pl.), and a steel fabricator (9484 Mission Park Pl.);
- to the south by an auto body shop (10910 Wheatlands Ave.), auto supply shop (10928 Wheatlands Ave.), a machine shop (10940 Wheatlands Ave.), and a brewery/distillery (10960 Wheatlands Ave.); and,
- to the west by a metal fabricator (9425 Wheatlands Ct.) and two multitenant warehouses (9435 and 9437 Wheatlands Ct.).

Key findings of the Phase I ESA are as follows:

- The Site was first seen to have been agricultural land as late as the 1950's until the drive-in theatre was developed at the Site in mid-1960's. The Site was portrayed as vacant land as early as 1893 in the topographic map review. The Site remains in use as a drive-in theatre and swap meet today;
- The Site vicinity was also noted with vacant and agricultural land since the earliest records. Industrial and residential development in the Site vicinity was first seen in 1964. Since this time, the immediate Site vicinity has been observed with

industrial development with the exception of the San Diego River, north adjacent to the Site, as well as peripheral residential development. The Site vicinity remains in these uses today;

- During the Site reconnaissance, HMC observed the drive-in theatre/swap meet facility. A small amount of chemical storage for the maintenance for the Site was observed. The most notable observation included diminimus staining on asphalt surfaces. The stains appeared to result from leaking vehicles parked at the facility as well as food and drinks spills;
- Based on the review of the available regulatory information, the Site is located in an area with a history of industrial uses since the 1960's. Facilities in the Site vicinity were noted to use and store chemicals without evidence of release with the exception of a closed case for a release of oil from the east adjacent facility known as Western Construction Components. The case was closed in 1997;
- Per the findings of this investigation, it is HMC's opinion that there is a low likelihood of a vapor intrusion condition at the Site; and,
- Given the age of the structure at the Site, ACMs and/or LBPs may be present at the Site.

**Conclusions**

We have performed a Phase I Environmental Site Assessment in accordance with ASTM E1527-13 Guidelines for the property located at 10990 North Woodside Avenue in Santee, California. **No RECs, CRECs, or HRECs were identified at the Site**. The staining observed at the Site was de minimis to minor and considered an "issue of note".

While not RECs per ASTM definitions, ACMs and/or LBPs may present a hazard at the Site.

**Recommendations**

Based on the findings of this ESA, HMC recommends:

- The Owner and/or current tenant remove all chemicals, equipment, and vehicles from the Site prior to a transfer of property; and,
- Conduct ACM and LBP surveys at the Site, prior to any activities that may disturb suspect materials.

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

## 10990 North Woodside Avenue Santee, California 92071

## 1. INTRODUCTION

Hazard Management Consulting, Inc. (HMC) is pleased to submit this Environmental Site Assessment (ESA) for the property referenced above in the City of Santee, California (Site) (Figures 1 & 2). This ESA was prepared to evaluate the Site for potential Recognized Environmental Conditions (RECs) that may be present and was conducted as part of your due diligence efforts to acquire the Site. The Site has been assigned Assessor's Parcel Number 3810-705-200 and measures approximately 13.38-acres containing the Santee Drive In Theatre. The Santee Swap Meet also utilizes the Site on weekends. Historically, the Site was used for agriculture until the 1950's.

The Site is relatively flat with an elevation of approximately 355 feet above mean sea level (msl) with a regional slope to the west southwest. The Site is located in the City of Santee, San Diego County and is set in an industrial use area located on the north side on North Woodside Avenue.

### 1.1. Objective

In accordance with the ASTM E 1527-13 Standard Practice for Environmental Site Assessments, the objective of the ESA is to assess, to the extent feasible under the standard, the likelihood that Recognized Environmental Conditions (RECs), as defined by ASTM, are present at the Site.

A Recognized Environmental Condition "means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies" (ASTM Standard Practice E1527-13). Performance of a Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for Recognized Environmental Conditions in connection with a property, within reasonable limits of time and cost.

All Appropriate Inquires (AAI) as defined in the Final Rule (40 CFR, Part 312), must be conducted by persons seeking the landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) prior to acquiring a property or seeking or receiving federal brownfields grants under the authorities of CERCLA. The purpose of AAI, as defined in the AAI Final Rule, is to identify releases and threatened releases of hazardous substances, which cause or threaten to cause the incurrence of response costs. The U.S. Environmental Protection Agency (EPA) has stated that ASTM Standard E-1527-13 is consistent with the Standards and Practices for AAI and is compliant with the statutory criteria for AAI.

### 1.2. Scope of Services, Methodology and Limitations

The findings of this ESA must be viewed in recognition of certain limiting conditions. The scope of work commissioned for this project does not represent an exhaustive study, but rather a reasonable inquiry, consistent with good commercial practice, in general accordance with ASTM Practice E-1527-13.

The scope of work for this ESA included the following activities:

- A Site walk to document the current condition of the Site and neighboring facilities.
- Review of a regulatory database report.
- Review of previously prepared reports for the Site.
- Submittal of questionnaires to the current Owner and User of the report.
- Review of historical references including aerial photographs, city directories, Sanborn Maps and topographic maps.
- On-line research and file review requests concerning the Site and suspect off-Site sources at the State of California Regional Water Quality Control Board (RWQCB) and Department of Toxic Substances Control (DTSC) websites.
- Public records requests submitted to the City of Santee.
- Public records requests submitted to by the San Diego County Department of Environmental Health.

- Public records requests submitted to the San Diego County Air Pollution Control District.

- Preparation of this report of findings.

In the course of this assessment, HMC has relied on information provided by outside parties, such as regulatory agencies, previous reports and interview sources. For the purpose of this assessment, such third-party information is assumed to be accurate unless contradictory evidence is noted, and HMC does not express or imply any warranty regarding information provided by third-party sources.

## 2. SITE DESCRIPTION

### 2.1. Site Setting

The Site is an approximately 13.38-acres parcel. The Site is relatively flat with an elevation of approximately 355 feet above mean sea level (msl) with a regional slope to the west southwest. The Site is located in the City of Santee, San Diego County and is set in an industrial use area located on the north side on North Woodside Avenue.

The Site is bound:

- to the north by the San Diego River;
- on the east by an auto body shop (10996 N. Woodside Ave.) auto detailing shop (9444 Mission Park Pl.), specialty heating and furnace manufacturer (11015 Mission Park Pl.), and a steel fabricator (9484 Mission Park Pl.);
- to the south by an auto body shop (10910 Wheatlands Ave.), auto supply shop (10928 Wheatlands Ave.), a machine shop (10940 Wheatlands Ave.), and a brewery/distillery (10960 Wheatlands Ave.); and,
- to the west by a metal fabricator (9425 Wheatlands Ct.) and two multitenant warehouses (9435 and 9437 Wheatlands Ct.).

Utilities in the Site vicinity are provided by:

- Water: Padre Dam Municipal Water District
- Electricity: San Diego Gas & Electric
- Gas: San Diego Gas & Electric
- Sewer: Padre Dam Municipal Water District

## 2.2. Regional Geology and Hydrogeology

The Site lies within the San Diego River Valley Groundwater Basin which consists of alluvium deposited by the San Diego River and its tributaries. The basin is surrounded by contacts with semi-permeable rocks of the Eocene Poway Group, impermeable Cretaceous crystalline rock, and impermeable Jurassic to Cretaceous Santiago Peak volcanic rocks. Average annual precipitation ranges from 11 to 15 inches.

Quaternary alluvial deposits forms the principal water-bearing unit within the basin. The most productive portions of the alluvium are the well-sorted sands located in buried river channels, along with a layer of coarse gravel near the base of the aquifer. This gravel is thickest adjacent Moreno Valley. Well logs indicate the alluvium has more silt and clay present west of the town of Santee. In more productive parts of the alluvium, wells yield up to 2,000 gallons per minute. Alluvium thickness exceeds 200 feet near Lakeside but typically is about 70 feet. Specific yields range from 5 to 22 percent in the alluvium.

A groundwater monitoring report for a nearby facility reported groundwater to have been measured between approximately 29 and 33 feet bgs. Groundwater flow direction has been reported to the west southwest at a hydraulic gradient ranging between approximately 0.001 and 0.004 feet per foot.

# 3. INTERVIEWS AND USER PROVIDED INFORMATION

The User of this report is North Palisade Partners who is looking to acquire the Site and would be considered a “User” of the report per ASTM definitions. We requested all available information from the User.

## 3.1. Title Records

A Preliminary Title Report (PTR) prepared by Chicago Title Company dated September 21, 2022 was provided to HMC for review. The PTR stated that Title was vested in The Forte Family Limited Partnership, a California limited partnership, as to Parcels 1, 2, 3, 4 and 5; and, John E. Forte, Trustee under Declaration of Trust dated April 29, 1981, as to Parcel 6. The PTR included information regarding tax obligations, mortgage liens, easements for various utilities and related matters but did not contain any information of an environmental nature.

### 3.2. User Knowledge

We interviewed Mr. William Jacobs of North Palisade Partners who indicated that his firm has no previous knowledge or experience with the Site and is unaware of any chemical spills, releases, or ongoing environmental matters. He indicated that they are paying full market value for the Site.

### 3.3. Owner/Occupant Knowledge

Mr. Troy Taylor, Project Scientist for HMC, conducted an interview with Mr. Ted Eiter, Groundskeeper of the Santee Drive In Movie Theater/ Swap Meet, during the Site reconnaissance portion of this ESA (Section 5). Mr. Eiter was unaware of any suspect uses, chemical spills, releases, or other adverse environmental matters. A recreational vehicle was located at the Site which Mr. Eiter indicated was connected to the sewer.

### 3.4. Environmental Liens or Activity and Use Limitations

To the best of HMC's knowledge and after review of the information provided by third parties, no environmental liens or AULs were found to be on record for the Site.

## 4. SITE USE AND HISTORY

Past usage of the Site was assessed through a review of historical aerial photographs, topographic maps and an EDR search of city directories and prior reports. Review of the Sanborn Map collection indicates that Sanborn Maps were not produced for the Site.

### 4.1. Aerial Photograph Review

Aerial photographs covering the Site were obtained from Environmental Data Resources, Inc. (EDR). Photographs were available from the period 1949 through 2016. Copies of the aerial photographs are included in Appendix B. A summary of the observations noted from the aerial photographs are as follows:

| | |
|---|---|
| **1949-53** | The Site was first seen with agricultural fields. The Site vicinity was seen with agricultural fields in all directions with the San Diego River immediately north of the Site. The San Diego River was noted to be dry. |
| **1964** | The Site was first seen to have been developed into the drive-in movie theater present today. The northwestern screen and the projector house/snack bar was observed. Two industrial buildings were first seen approximately 500 feet east of the Site. A residential |

| | |
|---|---|
| | neighborhood was first seen approximately 600 feet southeast of the Site. |
| **1966** | No significant changes were observed at the Site. Two additional industrial buildings were noted immediately east of the Site. A small amount of surface water was seen in the river area slightly northeast of the Site. The 67 Freeway was first seen south of the Site. |
| **1970** | No significant changes were observed at the Site. One additional industrial building was noted immediately east of the Site. The San Diego River was noted to be full. |
| **1979** | No significant changes were observed at the Site. The land west and southwest of the Site was seen to have been cleared and building pads graded. |
| **1985** | No significant changes were observed at the Site. Approximately 17 industrial buildings were first seen west and southwest of the Site. |
| **1989** | No significant changes were observed at the Site. Additional industrial development was seen west and southwest of the Site with residential development beyond, beginning at approximately 0.25-mile from the Site |
| **1996-2016** | No significant changes were observed at the Site or Site vicinity with the exception of some additional industrial development in the Site vicinity. |

### 4.2. Topographic Maps

Historical topographic maps were also reviewed as part of this effort and aided in interpreting the overall Site history. Although, no specific observations were made from the review of these maps. The drive-in theatre was first mapped in 1967.

### 4.3. Sanborn Maps

Sanborn maps are maps that were created for the insurance industry to document site activities in metropolitan areas of the country and were used in underwriting. They often times contain detailed information about a site. While they were prepared for insurance underwriting and were not environmental maps per se, they often times contain information that is useful in evaluating the historical use of a site. Sanborn maps were not reported to have been generated for the Site.

### 4.4. EDR City Directory Review

EDR performed a search of the City Directory records for the Site addresses provided at the initiation of this Phase I ESA and nearby properties at approximately five-year intervals.

| ***26811 W. 5th St.*** | |
|---|---|
| **Year** | **Use** |
| **1971-2017** | Santee Drive In Theatre<br>Santee Swap Meet |

### 4.5. Summary

The Site was first seen to have been agricultural land as late as the 1950's until the drive-in theatre was developed at the Site in mid-1960's. The Site was portrayed as vacant land as early as 1893 in the topographic map review. The Site remains in use as a drive-in theatre and swap meet today.

The Site vicinity was also noted with vacant and agricultural land since the earliest records. Industrial and residential development in the Site vicinity was first seen in 1964. Since this time, the immediate Site vicinity has been observed with industrial development with the exception of the San Diego River, north adjacent to the Site, as well as peripheral residential development. The Site vicinity remains in these uses today.

## 5. PRIOR INVESTIGATIONS

To the best of HMC's knowledge, no prior investigations have been conducted at the Site.

## 6. SITE RECONNAISSANCE

Mr. Troy Taylor of HMC conducted a Site and Site vicinity reconnaissance on October 4, 2022. The reconnaissance was conducted in order to identify visible evidence of RECs at the Site and to assess possible conditions off-Site that may impact the Site. Mr. Taylor was granted access to the Site by Mr. Eiter but was otherwise unaccompanied during the Site reconnaissance.

The Site was observed to be an asphalt paved lot with a two story snack bar and projector house in the approximate center of the Site, projector screens located in the northwest and southeast, and ticket booths in the east. Two storage containers were located west

of the snack bar and one below the southeastern screen. A recreational vehicle (RV) trailer and maintenance equipment were also stored beneath the southeast screen. The RV was noted with sanitary waste piping which was connected to the sewer.

Chemicals observed at the Site included cleaning supplies, asphalt resurfacing material, gasoline, lubricants, and paint. Staining was observed on the asphalt surfaces at the Site, some noted to likely be from leaky vehicles parked at the drive-in and/or swap meet. Some stains observed were likely the result of food and drink spills by theatre/swap meet patrons. The oil stains ranged from de minimis to minor.

Given the age of the Site, asbestos containing materials and lead based paint may be present at the Site. It is recommended that surveys for these materials are conducted at the Site, prior to any activities that may disturb suspect materials.

Selected photographs illustrating the Site and nearby off-Site conditions are included in Appendix A. Summaries of the Site and observations are detailed below.

| | |
|---|---|
| **Description and Use of Site:** | The Site was noted to be a drive-in movie theatre and swap meet facility. |
| **Underground and Aboveground Storage Tanks:** | No evidence of UST or AST uses were observed at the Site. |
| **Hazardous Materials, Hazardous Wastes or Petroleum Products:** | Chemicals observed at the Site included cleaning supplies, asphalt resurfacing material, gasoline, lubricants, and paint. |
| **Drains, Drain Lines, and Sumps:** | Drainage features observed at the Site included typical sanitary receptors as well as floor drains and floor sinks in the snack bar area. |
| **Pits, Ponds, Lagoons** | These features were not observed at the Site. |
| **Industrial Wastewater:** | Industrial wastewater was not observed to be generated during the Site reconnaissance however it is assumed that wastewater is generated during food preparation activities in the snack bar. |

| | |
|---|---|
| **Stains:** | De minimis to minor oil staining was observed on the asphalt surfaces of the Site. Stains related to food and drink spills were also seen. |
| **Wells:** | No wells were observed at the Site. |
| **Transformers:** | A drop transformer was observed on the first floor of the snack bar with no evidence of a release. |
| **Other Features:** | Suspect ACMs and LBP may be present at the Site. |

### 6.1. Site Vicinity

The Site is bound:

- to the north by the San Diego River;
- on the east by an auto body shop (10996 N. Woodside Ave.) auto detailing shop (9444 Mission Park Pl.), specialty heating and furnace manufacturer (11015 Mission Park Pl.), and a steel fabricator (9484 Mission Park Pl.);
- to the south by an auto body shop (10910 Wheatlands Ave.), auto supply shop (10928 Wheatlands Ave.), a machine shop (10940 Wheatlands Ave.), and a brewery/distillery (10960 Wheatlands Ave.); and,
- to the west by a metal fabricator (9425 Wheatlands Ct.) and two multitenant warehouses (9435 and 9437 Wheatlands Ct.).

From a visual perspective, there were no threats assessed from off-Site facilities.

## 7. REGULATORY AGENCY DATABASE RESEARCH

Regulatory agency database information was obtained from a standard radius Site Assessment (ASTM) report by Environmental Data Resources, Inc. The center of the search was in the approximate center of the Site. Search distances for specific databases were one-quarter to one mile as specified in the ASTM 1527-13 standard. The database search includes over 70 federal, state, local, and proprietary records. A complete copy of this report is included in Appendix B.

### 7.1. Database Records Concerning the Target Property

The Site was not listed with records in the databases searched as part of the EDR Radius research.

### 7.2. Database Records Concerning the Site Vicinity

We reviewed the database report for off-Site potential sources within the relevant search distance. In review of the many entries on the database, we reviewed the following factors that affect the ability of a facility to affect the Site:

- Distance from the Site,
- Location from the Site with regard to the direction of groundwater flow,
- Nature of the release and whether the release has affected soil, groundwater or both,
- Status of the investigation (e.g. open or closed)

Groundwater was reported to generally flow to the west southwest in the Site vicinity, therefore facilities located adjacent to or to the east northeast were further considered. Only those facilities judged using these factors are discussed below. The following presents a summary of our findings:

| Location | Address | Dist. | Dir. | Lists | REC | RATIONALE |
|---|---|---|---|---|---|---|
| C&H Auto Body & Paint | 10996 Woodside Ave. N. | 103' | SE | CERS HAZ WASTE<br>EMI<br>CERS<br>HWTS<br>RCRA LISTINGS | NO | This automotive repair facility was reported as a RCRA generator without specific details. There were no records indicating chemical releases. |
| DS Fibertech Corporation | 11015 Mission Park Pl. | 170' | E | RCRA LISTINGS | NO | The facility was noted as a furnace and oven manufacturer. No evidence of suspect chemical use or chemical releases were found in the records. |
| Ketema Process Co., c/o Baker Process | 9884 Mission Park Place | 306' | ENE | ENVIROSTOR | NO | This facility was listed in the records with tiered permitting per a DTSC Phase I investigation and no action was required in 1998. There was no information for the tiered permitting however no releases or violations were reported. |

| | | | | | | |
|---|---|---|---|---|---|---|
| Altech Machining Inc. | 11000 N. Woodside Ave. | 282' | ESE | HMMD SAN DIEGO<br>CERS HAZ WASTE<br>CERS<br>RCRA LISTINGS | NO | This machining and manufacturing facility was noted with waste streams that included hydrocarbons solvents stored between two tanks. It was not indicated if the tanks were above or below ground. There were no records of releases of chemicals. |
| Western Construction Components | 9884 Mission Park Place | 306' | ENE | CPS-SLIC<br>HMMD SAN DIEGO<br>EMI<br>HAZNET<br>NPDES<br>CIWQS<br>CERS<br>HWTS<br>RCRA LISTINGS<br>FINDS<br>ECHO<br>SAN DIEGO CO. SAM<br>CERS HAZ WASTE<br>RCRA NONGEN/NLR | NO | This facility was reported as a metal fabrication facility. A clean-up was conducted at this facility for releases of oil reported to only have affected soil. The case was overseen by the San Diego County Local Oversight Program and the RWQCB. The case was closed in 1997. No documents of the clean-up were available in the RWQCB Geotracker case file.<br><br>Since this time this facility was reported with waste streams including hydrocarbon and oxygenated solvents as well as acidic solutions with metals. No additional reports of releases were found. |

*Orphan Sites*

Orphan Sites are those properties that are included on various agency lists, but for which the records do not have sufficient address information for the database program to map the site. No orphan sites identified in the EDR Radius report appear to be in the Site vicinity and/or of a location or nature to have adversely affected the Site.

### 7.3. Summary of Off-Site Issues

Based on the review of the available regulatory information, the Site is located in an area with a history of industrial uses since the 1960's. Facilities in the Site vicinity were noted to use and store chemicals without evidence of release with the exception of a closed case for a release of oil from the east adjacent facility known by Western Construction Components. The case was closed in 1997.

## 8. LOCAL AGENCY AND OTHER RECORDS REVIEW

### 8.1. Tribal Records

The Site is not located in a tribal area therefore there were no tribal records to review.

### 8.2. Oil and Gas Wells

The State of California Department of Conservation, Geologic Energy Management Division (CalGEM) online mapping website was reviewed for the location of active, plugged, or abandoned oil and gas wells in the vicinity of the Site. No oil or gas wells were listed as having been drilled on-Site. The nearest oil and gas well is an idle well located approximately 13,400 feet north of the Site.

### 8.3. State of California

The State of California Geotracker and EnviroStor websites were also reviewed for information on potential on or off-Site facilities that are being remediated under either RWQCB or DTSC oversight. No active cases were listed on these databases that were not listed in the EDR review.

HMC has also submitted public records requests to both agencies. No records were found by the RWQCB. The DTSC is still processing our PRR at the time of the issuance of this report.

### 8.4. San Diego County Department of Environmental Health

A public records request was submitted to the offices of the San Diego County DEH. The SDC DEH provided records of geotechnical boring conducted at the Site from 2008 and 2009. None of the records reported stained or odorous soil and stated no chemical analyses were completed. The records reported groundwater encountered between 23 and 24 feet.

### 8.5. City of San Diego

A public records request was submitted to the City of San Diego. The city reported no records for the Site.

### 8.6. San Diego County Air Pollution Control District

A public records request was submitted to the SDCAPCD. No records for the Site were found by the agency.

## 9. VAPOR INTRUSION, ASBESTOS AND OTHER CONCERNS

### 9.1. Vapor Intrusion

Per the findings of this investigation, it is HMC's opinion that there is low potential for a vapor intrusion condition at the Site.

### 9.2. Asbestos Containing Materials

Given the age of the structure at the Site, ACMs may be present at the Site.

### 9.3. Lead Based Paint

Given the age of the structure at the Site, LBPs may be present at the Site.

### 9.4. Radon

The Site is listed as being located in Zone 3 with regards to radon indicating that radon maybe present at concentrations less than 2 pico curies / liter.

### 9.5. Mold

No evidence of microbial growth was observed at the Site.

## 10. SUMMARY OF ESA FINDINGS

Key findings of the Phase I ESA are as follows:

- The Site was first seen to have been agricultural land as late as the 1950's until the drive-in theatre was developed at the Site in mid-1960's. The Site was portrayed as vacant land as early as 1893 in the topographic map review. The Site remains in use as a drive-in theatre and swap meet today;
- The Site vicinity was also noted with vacant and agricultural land since the earliest records. Industrial and residential development in the Site vicinity was first seen in 1964. Since this time, the immediate Site vicinity has been observed with industrial development with the exception of the San Diego River, north adjacent to the Site, as well as peripheral residential development. The Site vicinity remains in these uses today;
- During the Site reconnaissance, HMC observed the drive-in theatre/swap meet facility. A small amount of chemical storage for the maintenance for the Site was observed. The most notable observation included diminimus staining on asphalt

surfaces. The stains appeared to result from leaking vehicles parked at the facility as well as food and drinks spills;

- Based on the review of the available regulatory information, the Site is located in an area with a history of industrial uses since the 1960's. Facilities in the Site vicinity were noted to use and store chemicals without evidence of release with the exception of a closed case for a release of oil from the east adjacent facility known as Western Construction Components. The case was closed in 1997;
- Per the findings of this investigation, it is HMC's opinion that there is a low likelihood of a vapor intrusion condition at the Site; and,
- Given the age of the structure at the Site, ACMs and/or LBPs may be present at the Site.

## 11. DATA GAPS

The DTSC was still processing HMC's public records requests at the time of this report.

## 12. CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in accordance with ASTM E1527-13 Guidelines for the property located at 10990 North Woodside Avenue in Santee, California. **No RECs, CRECs, or HRECs were identified at the Site**. The staining observed at the Site was de minimis to minor and considered an "issue of note".

While not RECs per ASTM definitions, ACMs and/or LBPs may present a hazard at the Site.

## 13. RECOMMENDATIONS

Based on the findings of this ESA, HMC recommends:

- The Owner and/or current tenant remove all chemicals, equipment, and vehicles from the Site prior to a transfer of property; and,
- Conduct ACM and LBP surveys at the Site, prior to any activities that may disturb suspect materials.

## 14. QUALIFICATIONS

Mark S. Cousineau, NREP

Mr. Mark S. Cousineau, principal with HMC, has a diverse professional background in environmental management, which includes working as a generator, regulator, consultant, and corporate advisor in hazardous waste and other environmental issues.

Mr. Cousineau's technical background is focused in the area of overseeing large-scale environmental investigations and regulatory compliance management related to site assessments, subsurface investigations, facility surveys, and site remediation. To projects such as these, Mr. Cousineau brings expertise in evaluating complex sites and developing solutions to solve the technical, operational, regulatory, financial and timing issues. In addition, Mr. Cousineau routinely assists clients in developing environmental business plans for single assets and multi-site real estate portfolios and has designed and implemented several tenant audit programs involving the proactive management of environmental risk caused by on-site commercial and industrial tenant activities.

Mr. Cousineau has provided litigation support and has served, as a court-appointed expert on environmental issues, is a Member of the National Registry of Environmental Professionals, holds a M.S. in Environmental Sciences from California State University Fullerton and a B.S. in Chemistry from University California San Diego.

As signatory to this report, I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of this part. I have the specific qualifications based on education, training, and experience to assess the property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."



Mark Cousineau, NREP
Principal

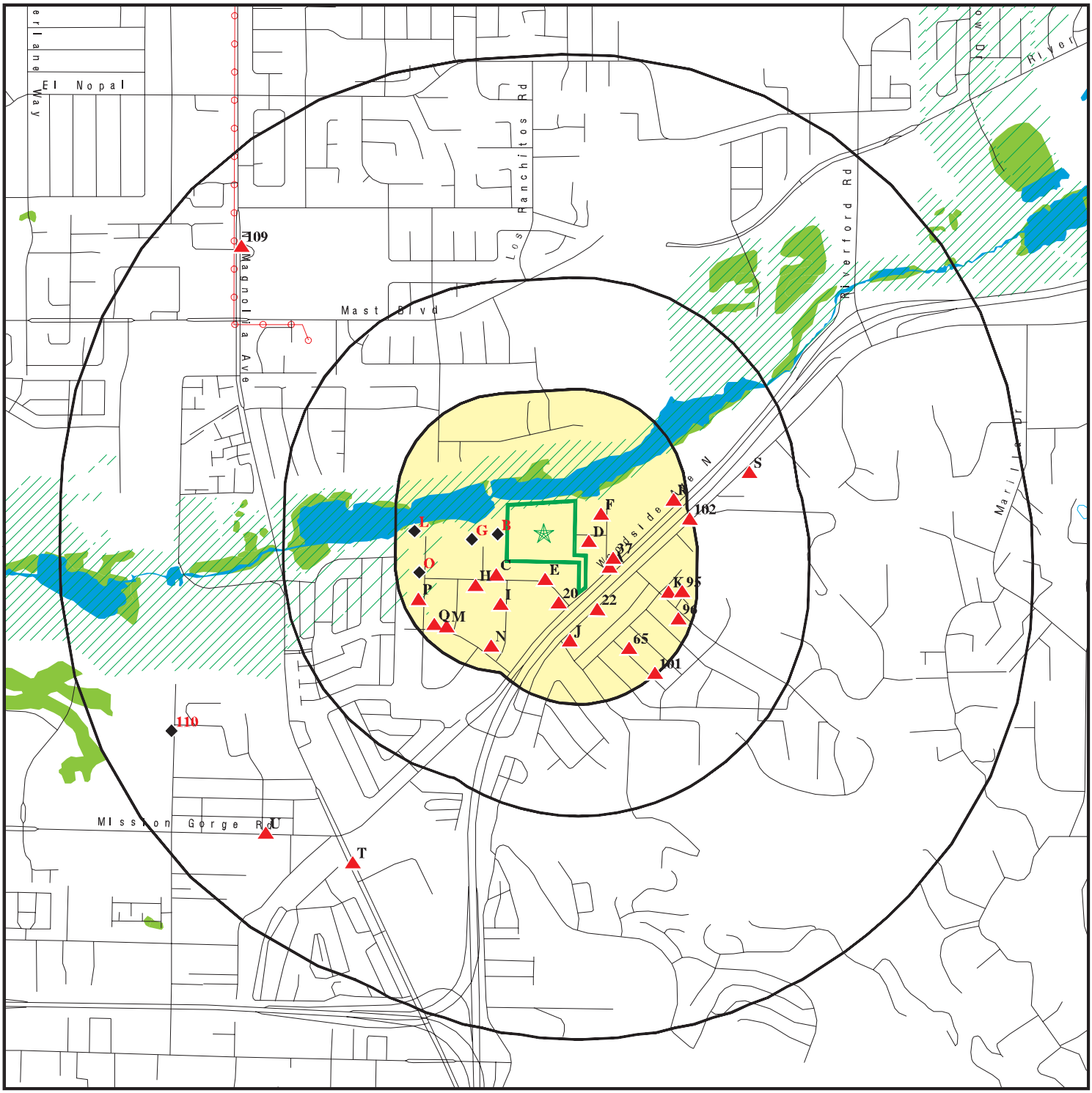
## 15. REFERENCES

California Department of Water Resources, California's Groundwater Bulletin 118 San Diego River Valley Groundwater Basin, February 27, 2004

SCS Engineers, Semi-Annual Groundwater Monitoring Fourth Quarter 2013 11427 Woodside Avenue Santee, California, April 4, 2014

# TABLES

# OVERVIEW MAP - 7126896.2S




Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | | | |
|---|---|---|---|
| SITE NAME: | 10990 WOODSIDE AVE N | CLIENT: | Hazard Management Consulting |
| ADDRESS: | 10990 WOODSIDE AVE N<br>SANTEE CA 92071 | CONTACT: | Troy Taylor |
| | | INQUIRY #: | 7126896.2s |
| LAT/LONG: | 32.848148 / 116.959312 | DATE: | September 22, 2022 6:15 pm |

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# DETAIL MAP - 7126896.2S




This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: 10990 WOODSIDE AVE N<br>ADDRESS: 10990 WOODSIDE AVE N<br>SANTEE CA 92071<br>LAT/LONG: 32.848148 / 116.959312 | CLIENT: Hazard Management Consulting<br>CONTACT: Troy Taylor<br>INQUIRY #: 7126896.2s<br>DATE: September 22, 2022 6:16 pm |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Lists of Federal NPL (Superfund) sites*** | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal Delisted NPL sites*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal sites subject to CERCLA removals and CERCLA orders*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal CERCLA sites with NFRAP*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA facilities undergoing Corrective Action*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal RCRA TSD facilities*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA generators*** | | | | | | | | |
| RCRA-LQG | 0.250 | | 1 | 1 | NR | NR | NR | 2 |
| RCRA-SQG | 0.250 | | 10 | 5 | NR | NR | NR | 15 |
| RCRA-VSQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Lists of state- and tribal (Superfund) equivalent sites*** | | | | | | | | |
| RESPONSE | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| ***Lists of state- and tribal hazardous waste facilities*** | | | | | | | | |
| ENVIROSTOR | 1.000 | | 1 | 0 | 0 | 3 | NR | 4 |
| ***Lists of state and tribal landfills and solid waste disposal facilities*** | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| ***Lists of state and tribal leaking storage tanks*** | | | | | | | | |
| LUST | 0.500 | | 0 | 0 | 2 | NR | NR | 2 |
| SAN DIEGO CO. SAM | 0.500 | | 2 | 0 | 1 | NR | NR | 3 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CPS-SLIC | 0.500 | | 2 | 0 | 1 | NR | NR | 3 |
| ***Lists of state and tribal registered storage tanks*** | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| UST | 0.250 | | 2 | 0 | NR | NR | NR | 2 |
| AST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Lists of state and tribal voluntary cleanup sites*** | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of state and tribal brownfield sites*** | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| WMUDS/SWAT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| HAULERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST Cal-Sites | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| SCH | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| San Diego Co. HMMD | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CERS HAZ WASTE | 0.250 | | 11 | 12 | NR | NR | NR | 23 |
| Toxic Pits | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| AQUEOUS FOAM | TP | | NR | NR | NR | NR | NR | 0 |
| PFAS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Registered Storage Tanks*** | | | | | | | | |
| SWEEPS UST | 0.250 | | 2 | 1 | NR | NR | NR | 3 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| HIST UST | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| CA FID UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CERS TANKS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DEED | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CHMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| LDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MCS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SPILLS 90 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 27 | 25 | NR | NR | NR | 52 |
| FUDS | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FINDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| ECHO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA BOND EXP. PLAN | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Cortese | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| CUPA Listings | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| EMI | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ENF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HAZNET | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST CORTESE | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| HWP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| HWT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MWMP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| NPDES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PEST LIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Notify 65 | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UIC GEO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WASTEWATER PITS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| WDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WIP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MILITARY PRIV SITES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROJECT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WDR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SAN DIEGO CO LOP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CIWQS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| NON-CASE INFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| OTHER OIL GAS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROD WATER PONDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SAMPLING POINT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WELL STIM PROJ | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HWTS | TP | | NR | NR | NR | NR | NR | 0 |
| MINES MRDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| **EDR HIGH RISK HISTORICAL RECORDS** | | | | | | | | |
| ***EDR Exclusive Records*** | | | | | | | | |
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR Hist Auto | 0.125 | | 1 | NR | NR | NR | NR | 1 |
| EDR Hist Cleaner | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| **EDR RECOVERED GOVERNMENT ARCHIVES** | | | | | | | | |
| ***Exclusive Recovered Govt. Archives*** | | | | | | | | |
| RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| - Totals -- | | 0 | 60 | 46 | 6 | 7 | 0 | 119 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

# FIGURES




**Figure 1**
10990 N. Woodside Ave.
Santee, CA

HMC
HAZARD MANAGEMENT CONSULTING

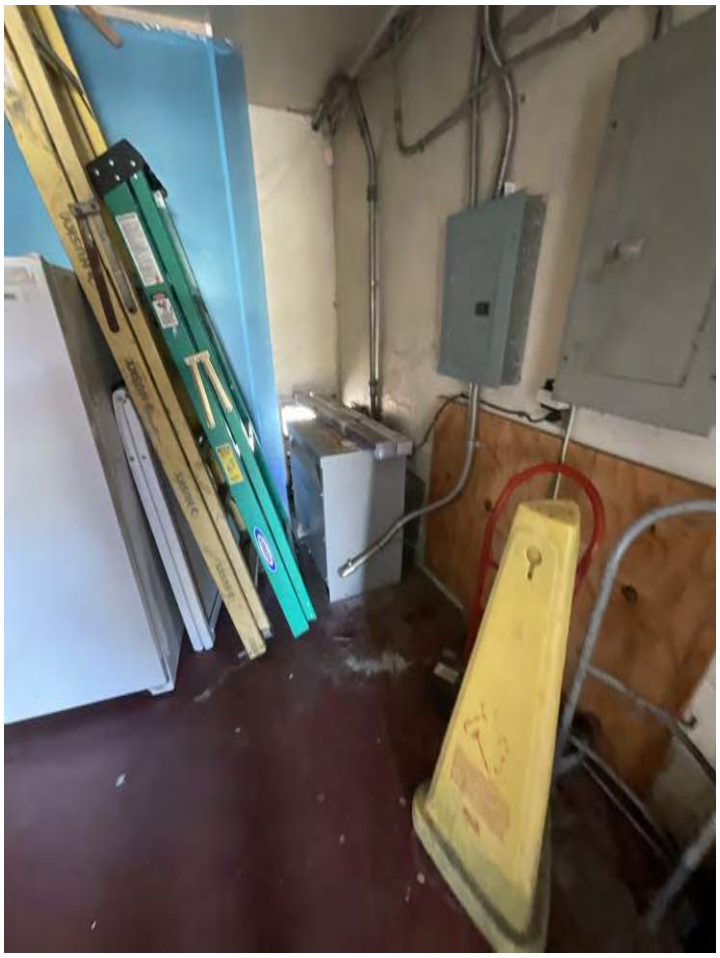



**Figure 1**
10990 N. Woodside Ave.
Santee, CA

# APPENDIX A




**Santee Drive-In Theatre/ Swap Meet**



**Drop Transformer**




**Snack Bar**



**Floor Sink**



**Janitorial Supplies**



**Projector House**



**Restroom**



**NW Screen**



View SE Across Site



Stormdrain Along Northern Border



Staining



Chemical Storage



**Chemical and Supply Storage**



**Equipment, Vehicles, and SE Screen**




**RC and Sewer Connection**

# APPENDIX B

10990 WOODSIDE AVE N

10990 WOODSIDE AVE N

SANTEE, CA 92071

Inquiry Number: 7126896.3

September 22, 2022

# Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# Certified Sanborn® Map Report

09/22/22

**Site Name:**

10990 WOODSIDE AVE N
10990 WOODSIDE AVE N
SANTEE, CA 92071
EDR Inquiry # 7126896.3

**Client Name:**

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Troy Taylor

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Hazard Management Consulting were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## *Certified Sanborn Results:*

**Certification #** 4831-4C78-880B

**PO #** NA

**Project** NPP - 10990 Woodside Ave. N.

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 4831-4C78-880B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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10990 WOODSIDE AVE N

10990 WOODSIDE AVE N

SANTEE, CA 92071

Inquiry Number: 7126896.4

September 22, 2022

# EDR Historical Topo Map Report

## with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Historical Topo Map Report

09/22/22

**Site Name:**

10990 WOODSIDE AVE N
10990 WOODSIDE AVE N
SANTEE, CA 92071
EDR Inquiry # 7126896.4

**Client Name:**

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Troy Taylor

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Hazard Management Consulting were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

***Search Results:***

**P.O.#** NA

**Project:** NPP - 10990 Woodside Ave. N

***Coordinates:***

| | |
|---|---|
| **Latitude:** | 32.848148 32° 50' 53" North |
| **Longitude:** | -116.959312 -116° 57' 34" West |
| **UTM Zone:** | Zone 11 North |
| **UTM X Meters:** | 503807.40 |
| **UTM Y Meters:** | 3634453.55 |
| **Elevation:** | 356.00' above sea level |

**Maps Provided:**

| | |
|---|---|
| 2018 | 1947 |
| 2015 | 1942 |
| 2012 | 1939 |
| 1996 | 1903 |
| 1975 | 1901 |
| 1967 | 1893 |
| 1955 | |
| 1948 | |

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## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2018 Source Sheets



El Cajon
2018
7.5-minute, 24000

### 2015 Source Sheets



El Cajon
2015
7.5-minute, 24000

### 2012 Source Sheets



El Cajon
2012
7.5-minute, 24000

### 1996 Source Sheets



El Cajon
1996
7.5-minute, 24000

## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1975 Source Sheets



El Cajon
1975
7.5-minute, 24000
Aerial Photo Revised 1975

### 1967 Source Sheets



El Cajon
1967
7.5-minute, 24000
Aerial Photo Revised 1966

### 1955 Source Sheets



El Cajon
1955
7.5-minute, 24000
Aerial Photo Revised 1953

### 1948 Source Sheets



EL CAJON
1948
15-minute, 50000

## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1947 Source Sheets



El Cajon
1947
15-minute, 62500

### 1942 Source Sheets



El Cajon
1942
15-minute, 62500

### 1939 Source Sheets



El Cajon
1939
15-minute, 62500

### 1903 Source Sheets



Elcajon
1903
15-minute, 62500



El Cajon
1903
15-minute, 62500

## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1901 Source Sheets



Elcajon
1901
15-minute, 62500

### 1893 Source Sheets



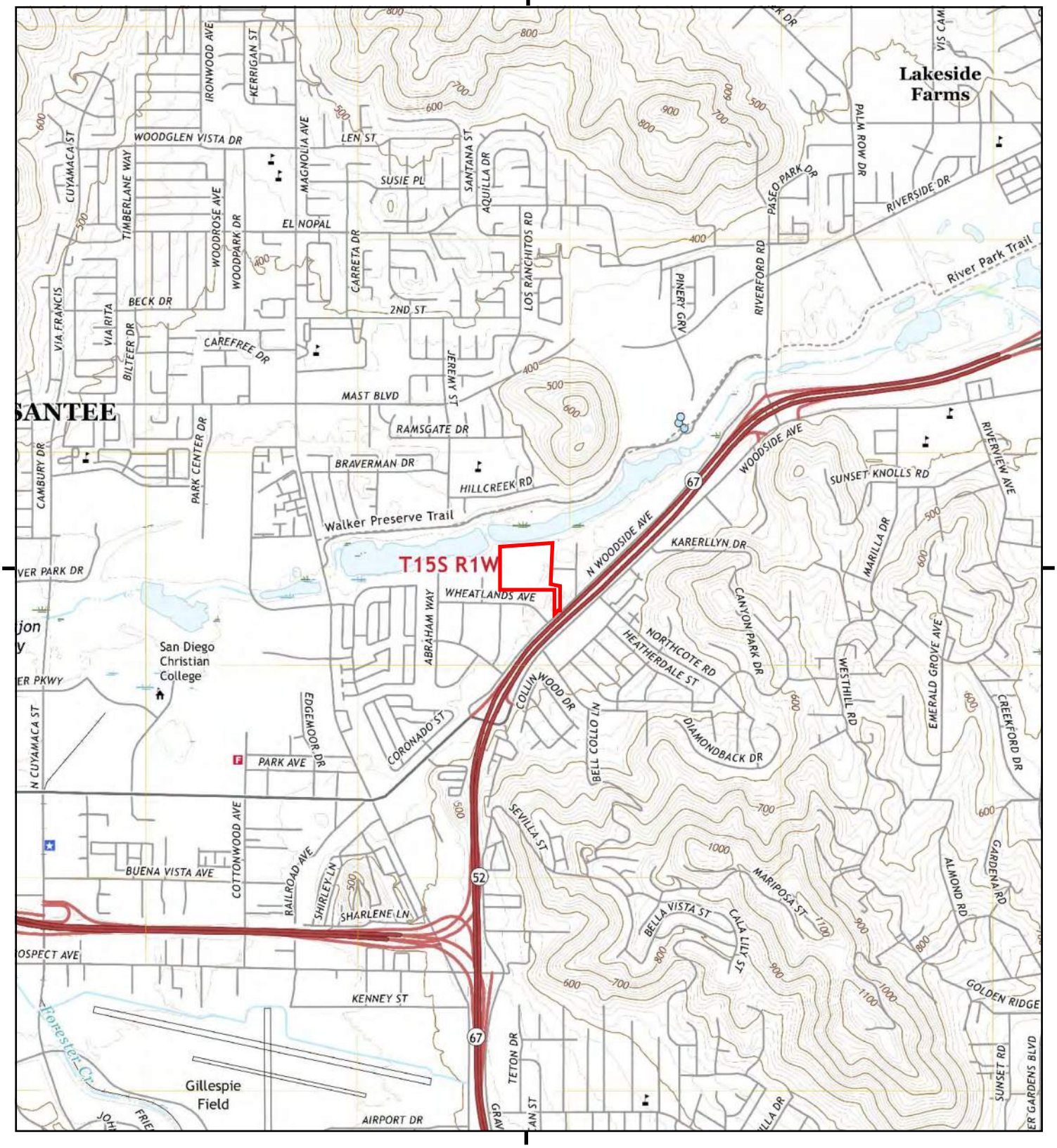
El Cajon
1893
15-minute, 62500



Elcajon
1893
15-minute, 62500

# Historical Topo Map

2018




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

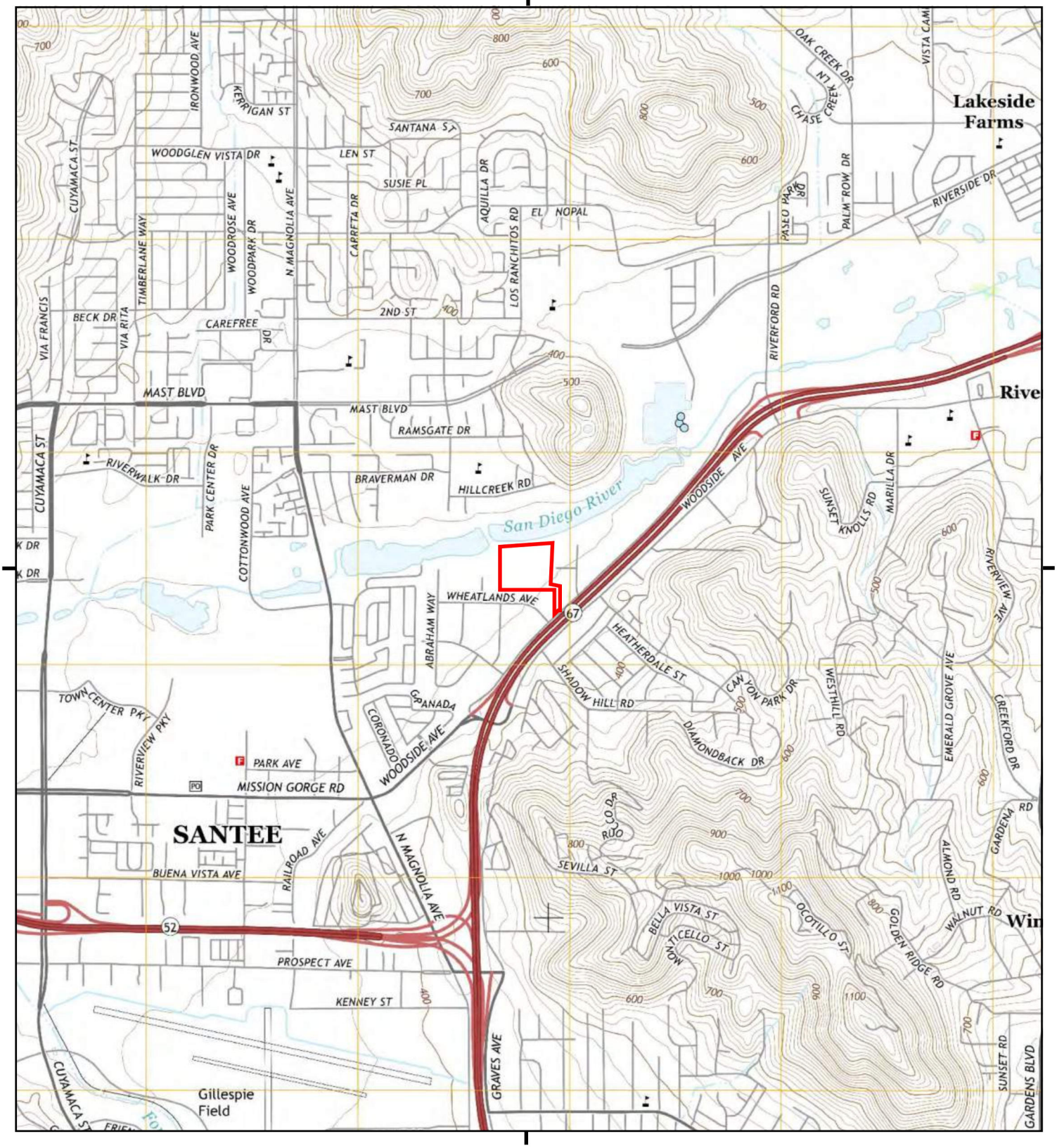
TP, El Cajon, 2018, 7.5-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N

# Historical Topo Map

2015




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

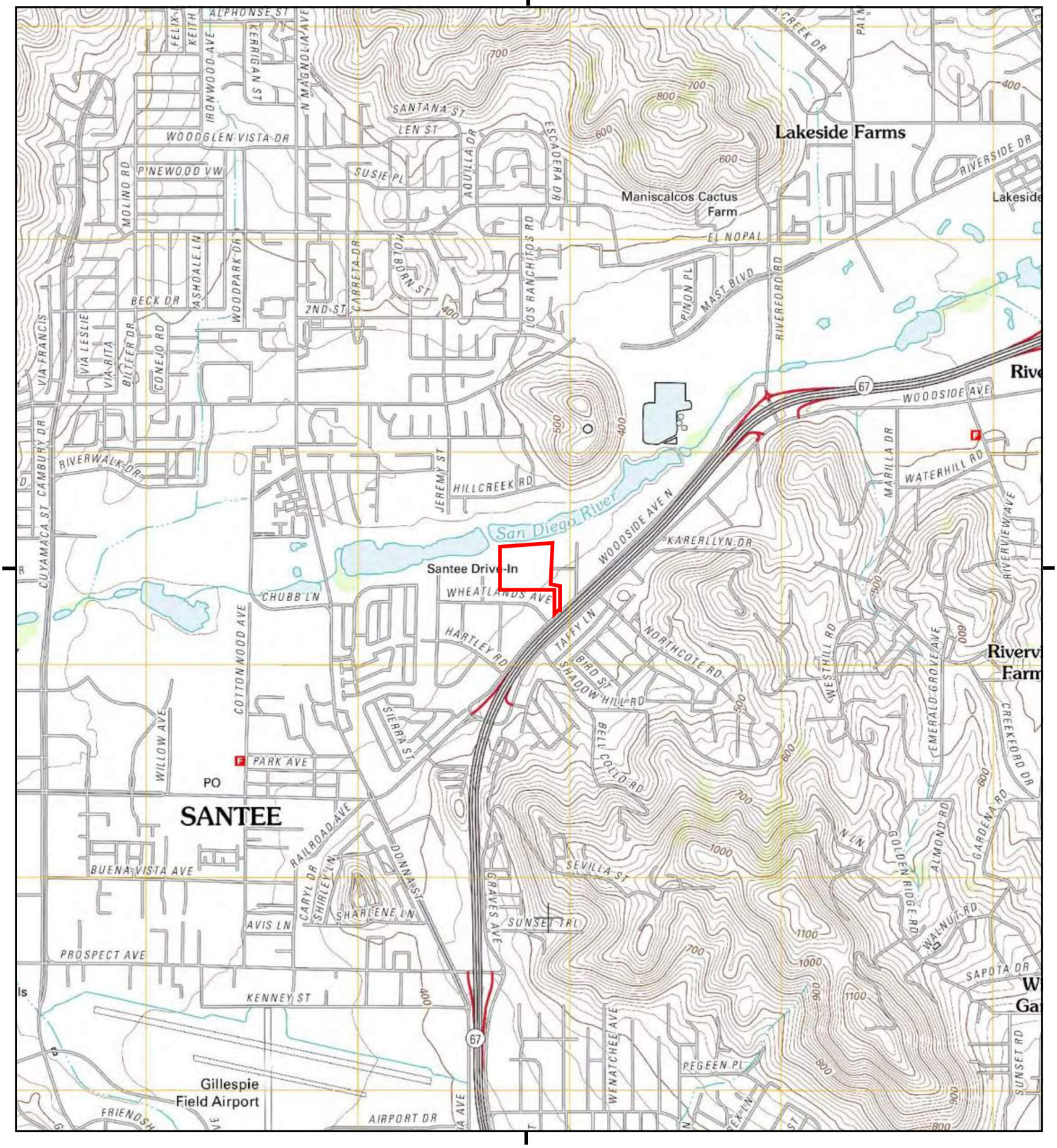
TP, El Cajon, 2015, 7.5-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N

# Historical Topo Map

2012




This report includes information from the following map sheet(s).

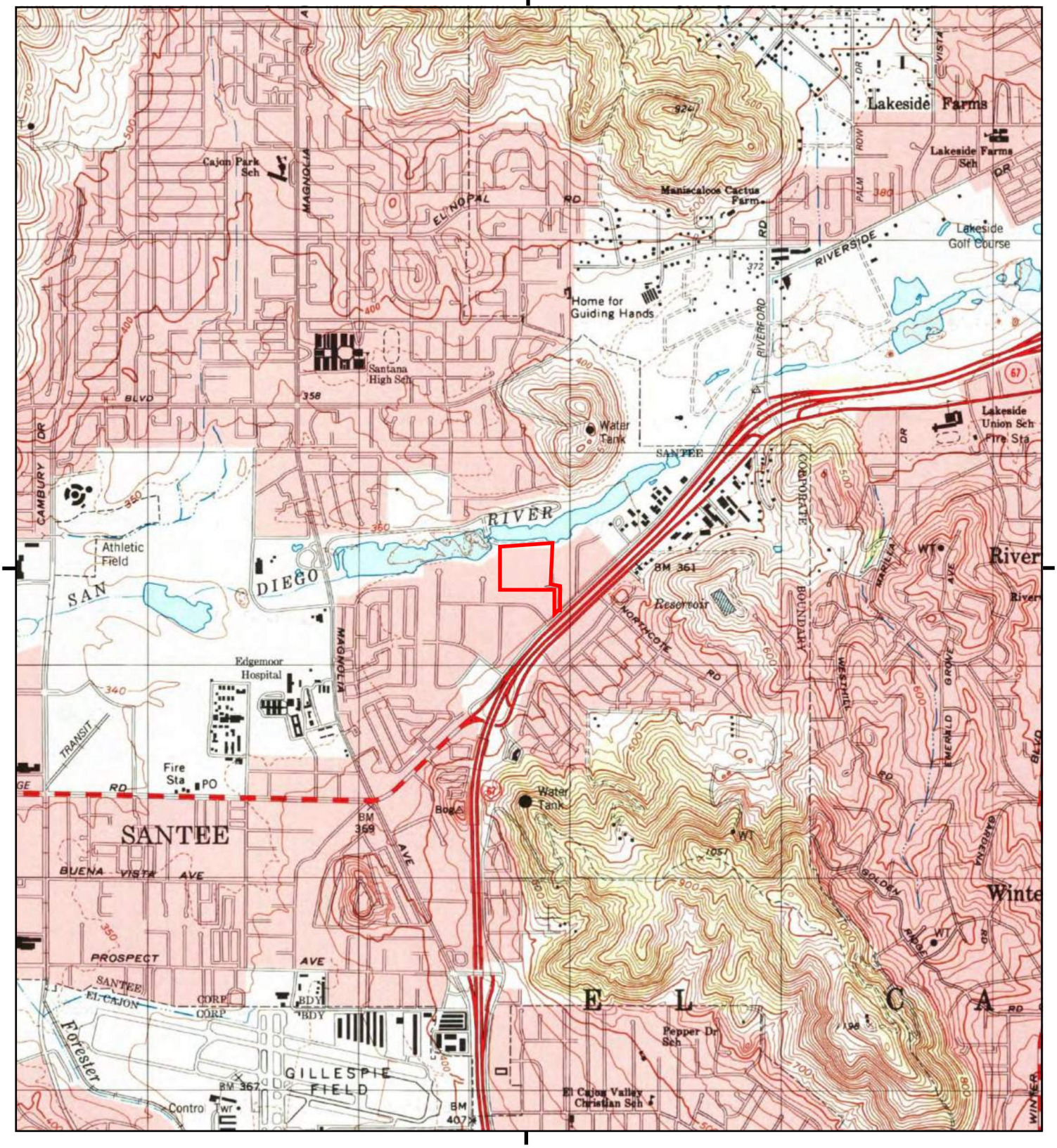
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 2012, 7.5-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

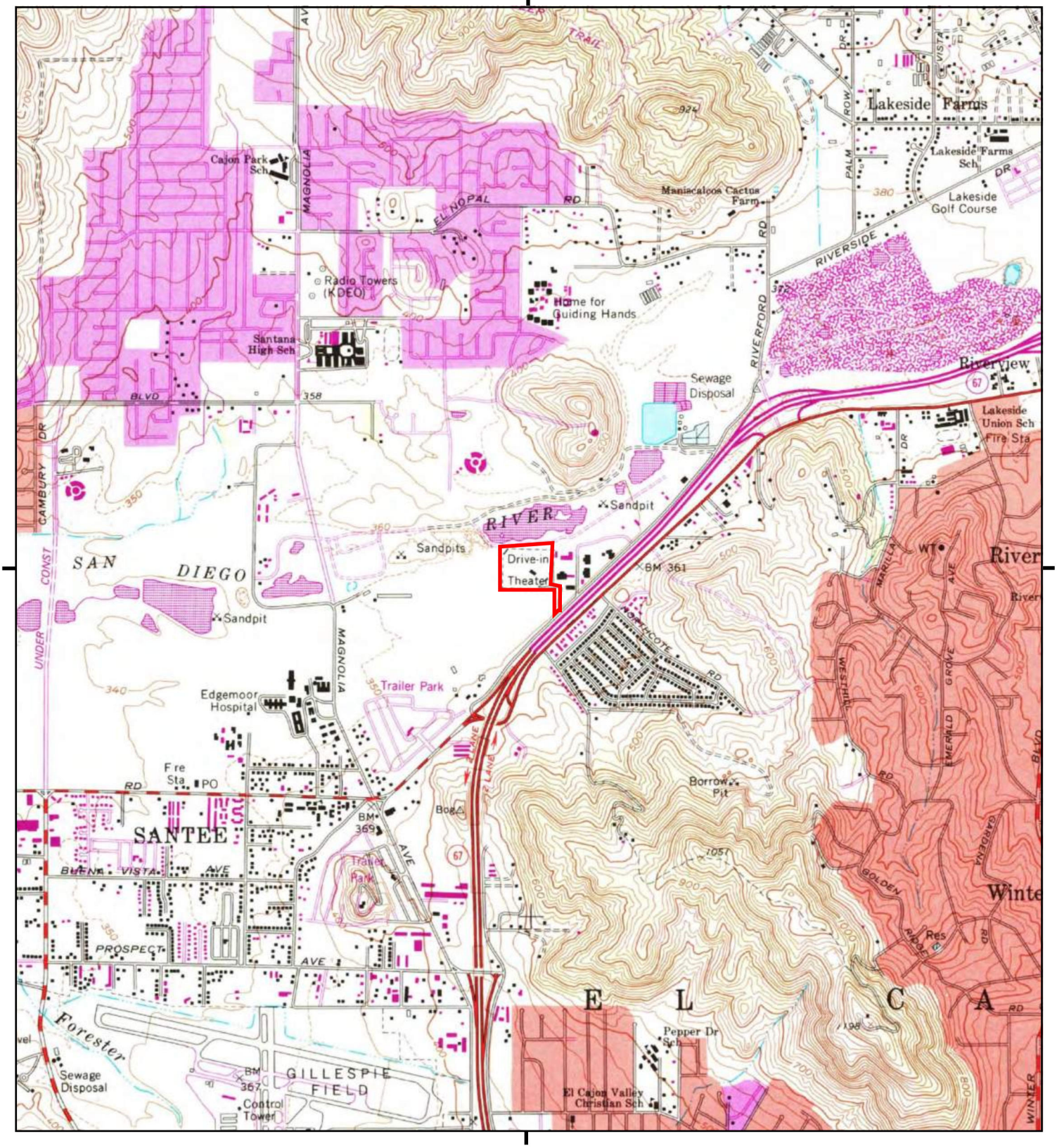
TP, El Cajon, 1996, 7.5-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N

# Historical Topo Map

1975




This report includes information from the following map sheet(s).

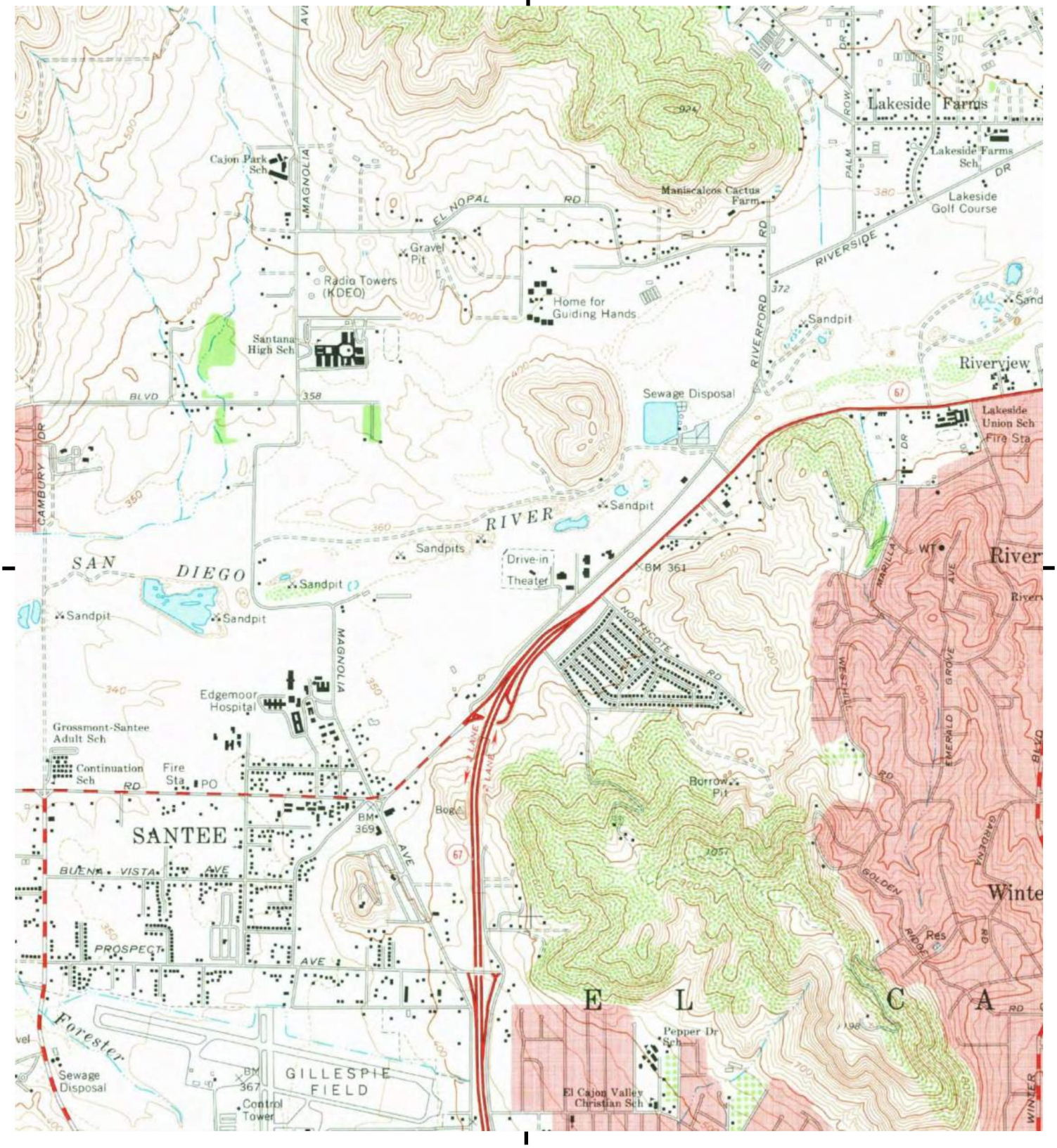
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 1975, 7.5-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

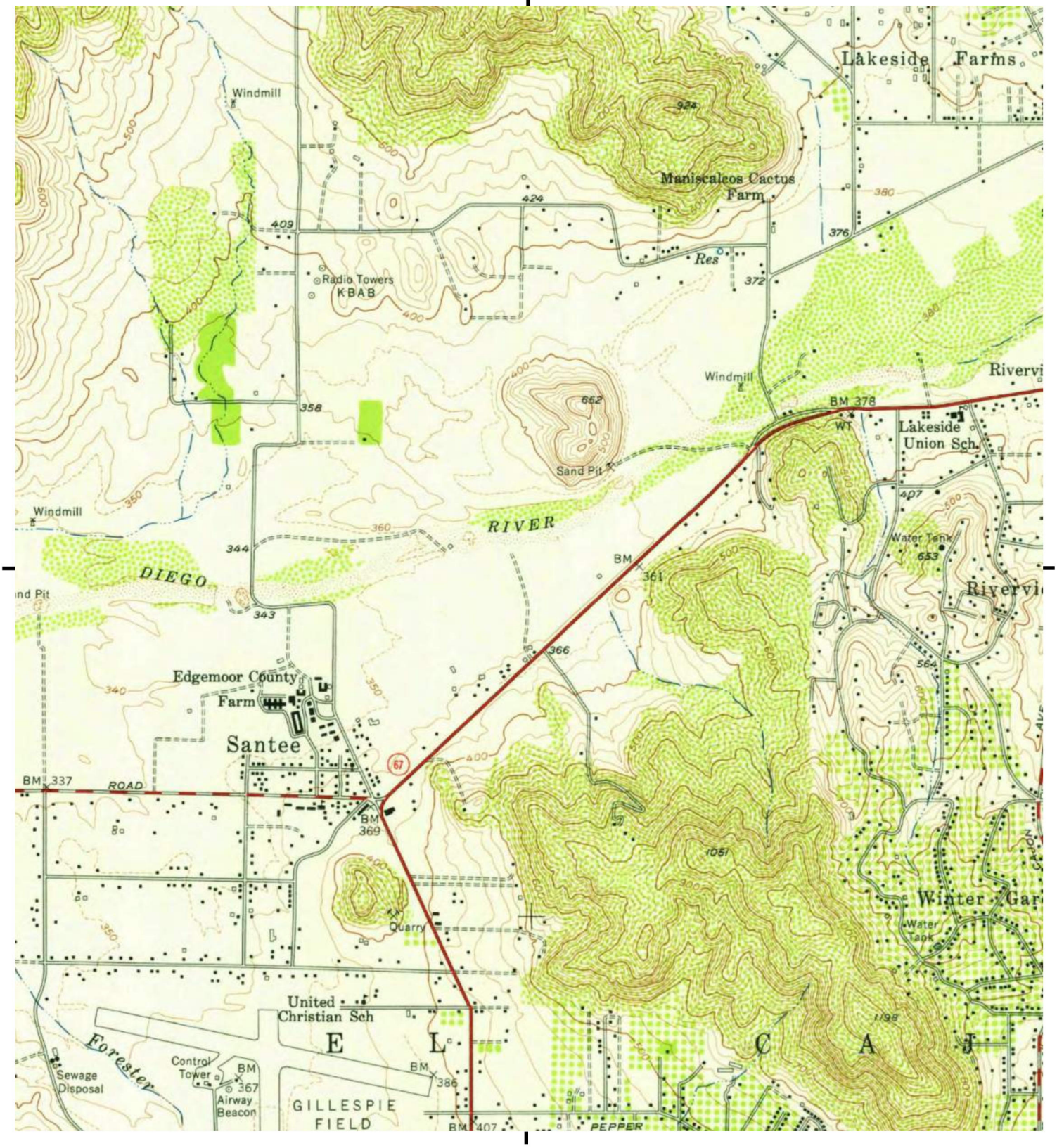
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 1967, 7.5-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

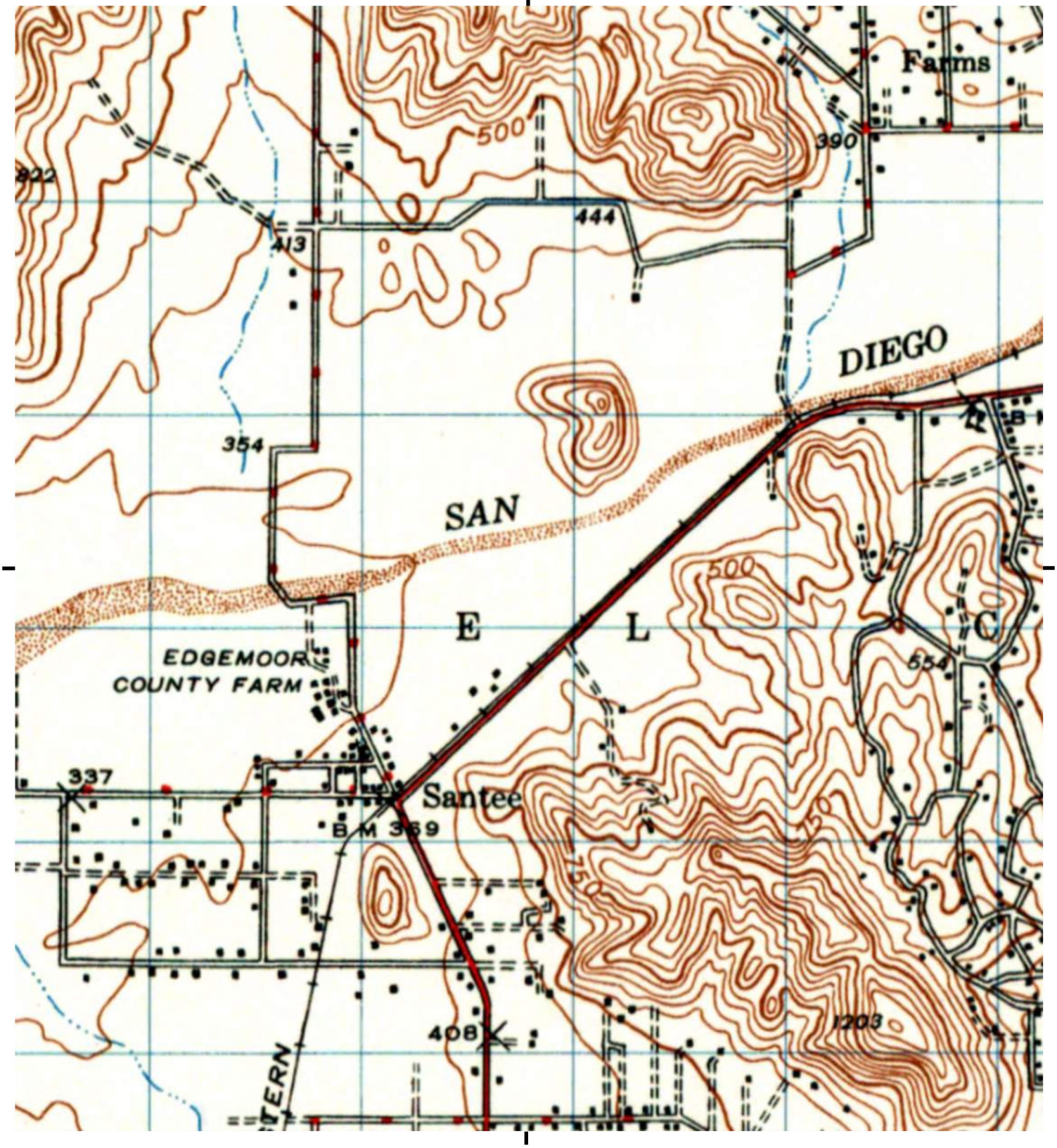
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 1955, 7.5-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

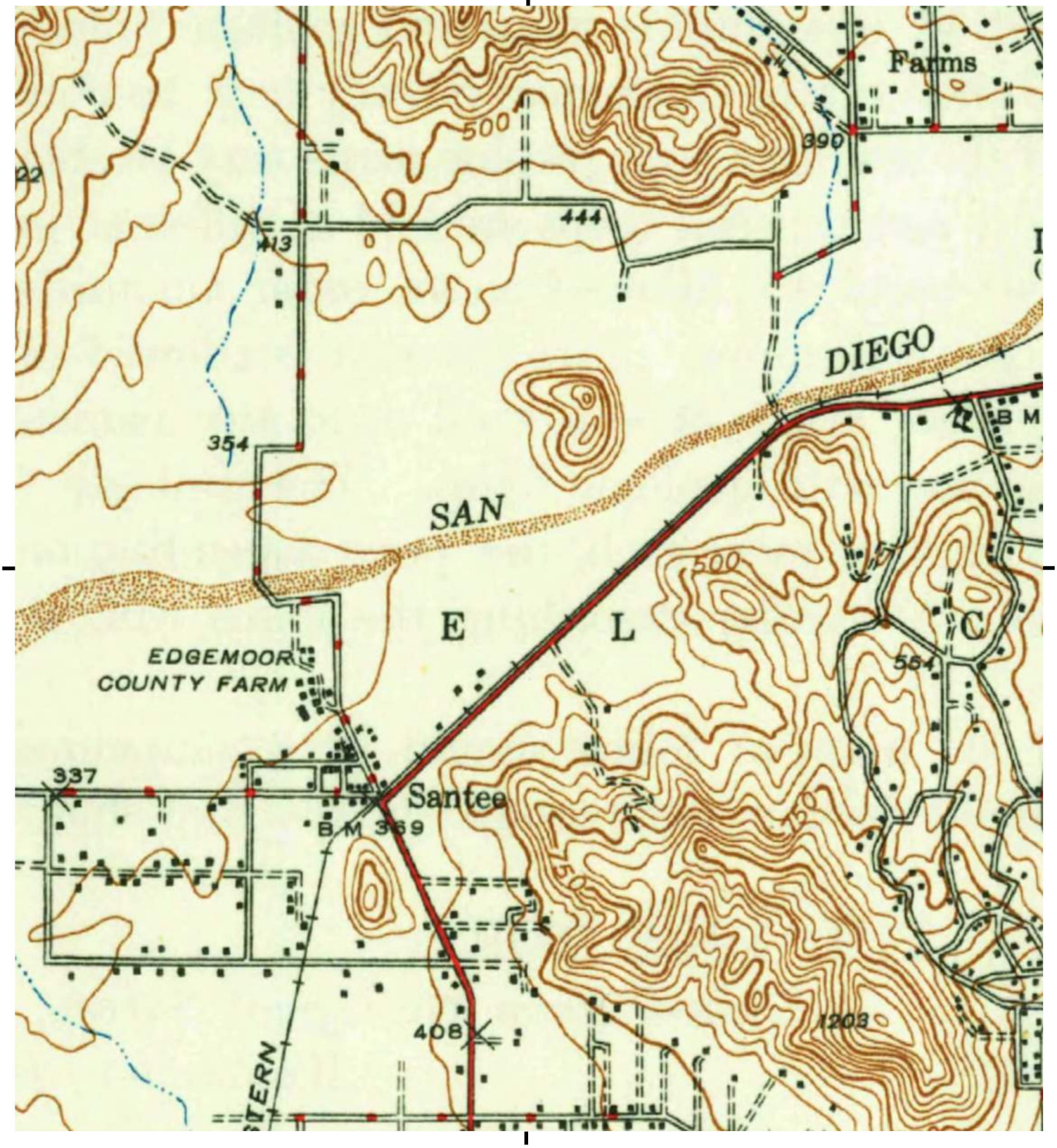
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, EL CAJON, 1948, 15-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

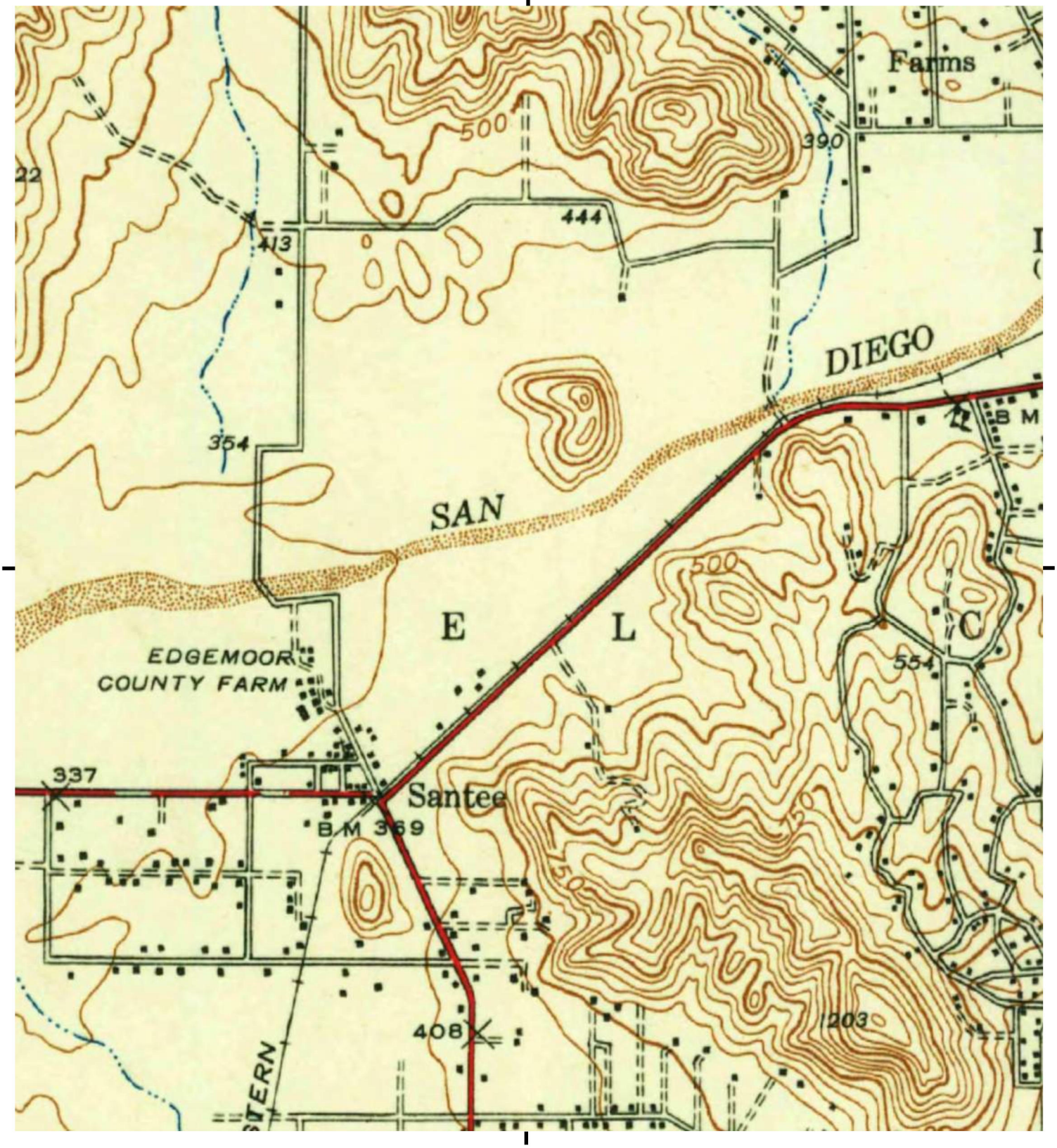
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 1947, 15-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

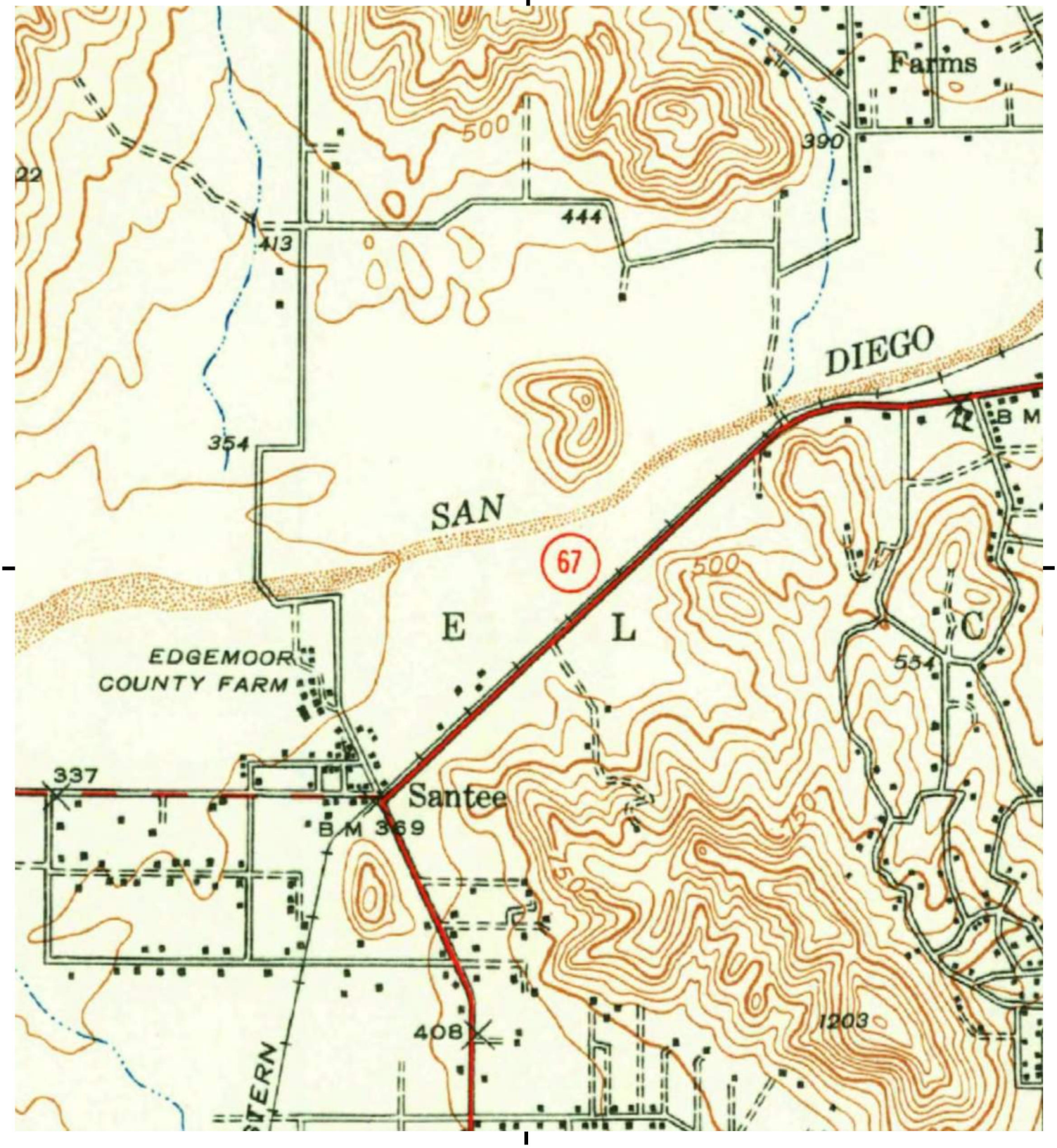
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 1942, 15-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

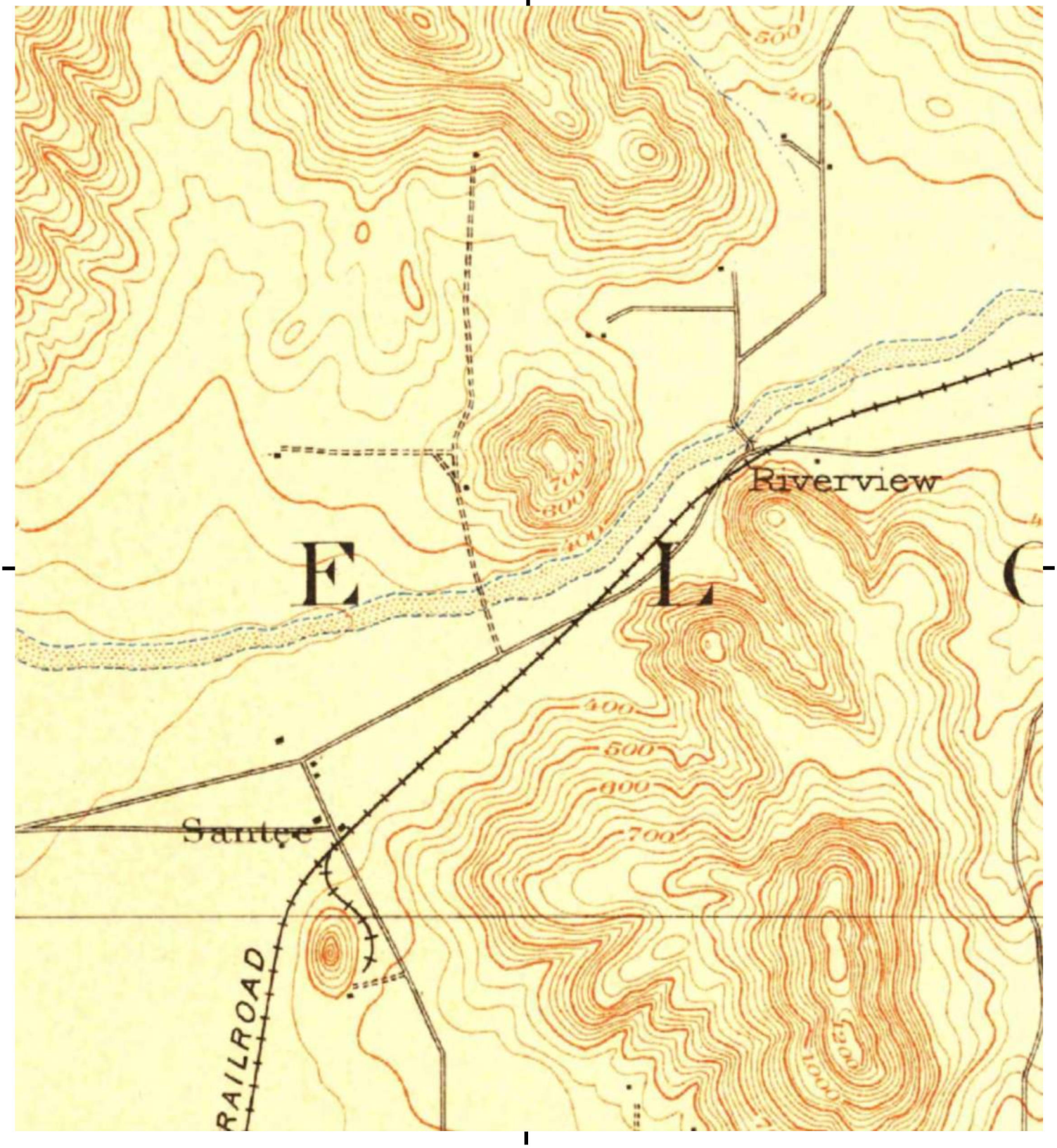
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 1939, 15-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

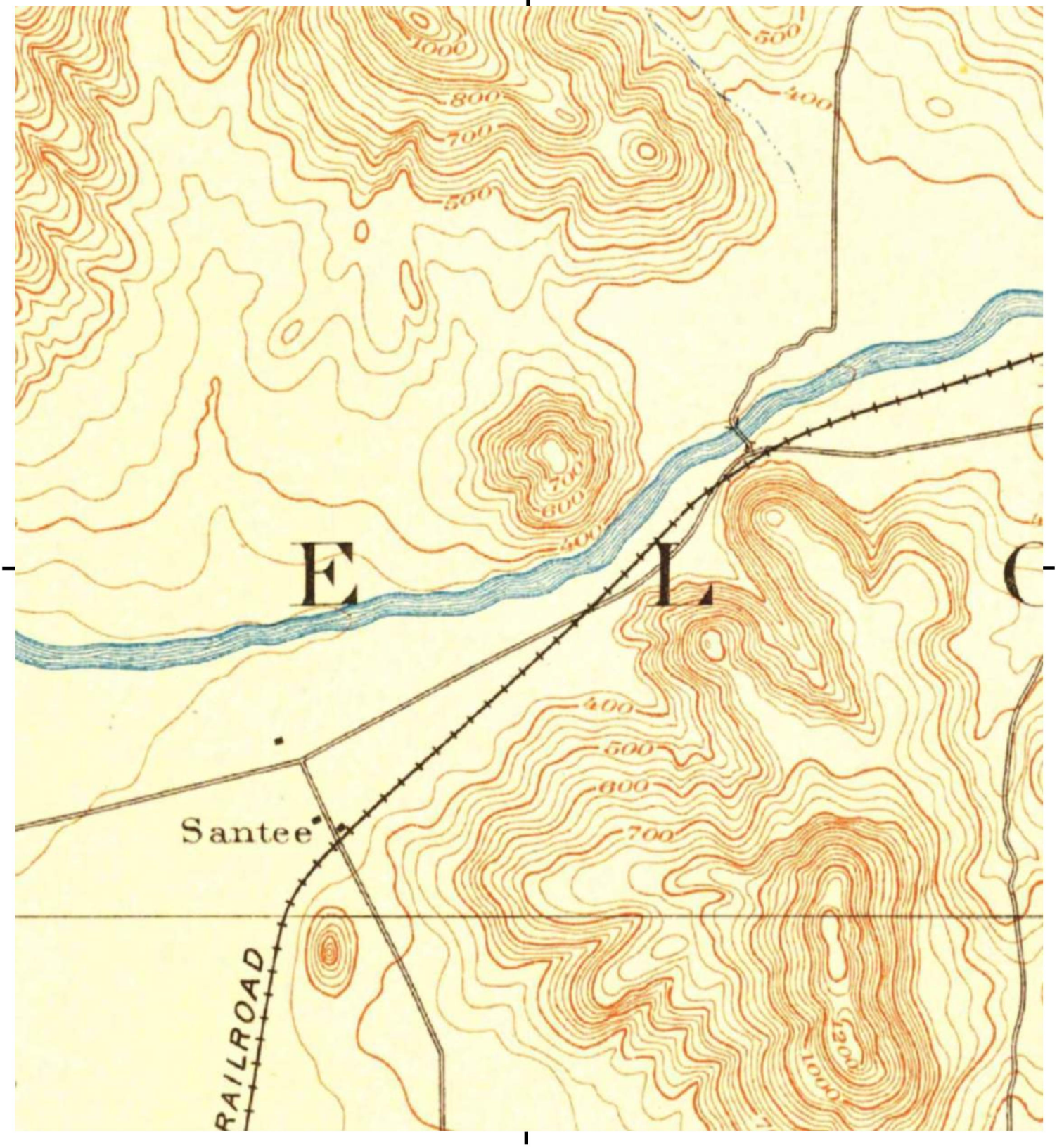
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elcajon, 1903, 15-minute
TP, El Cajon, 1903, 15-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

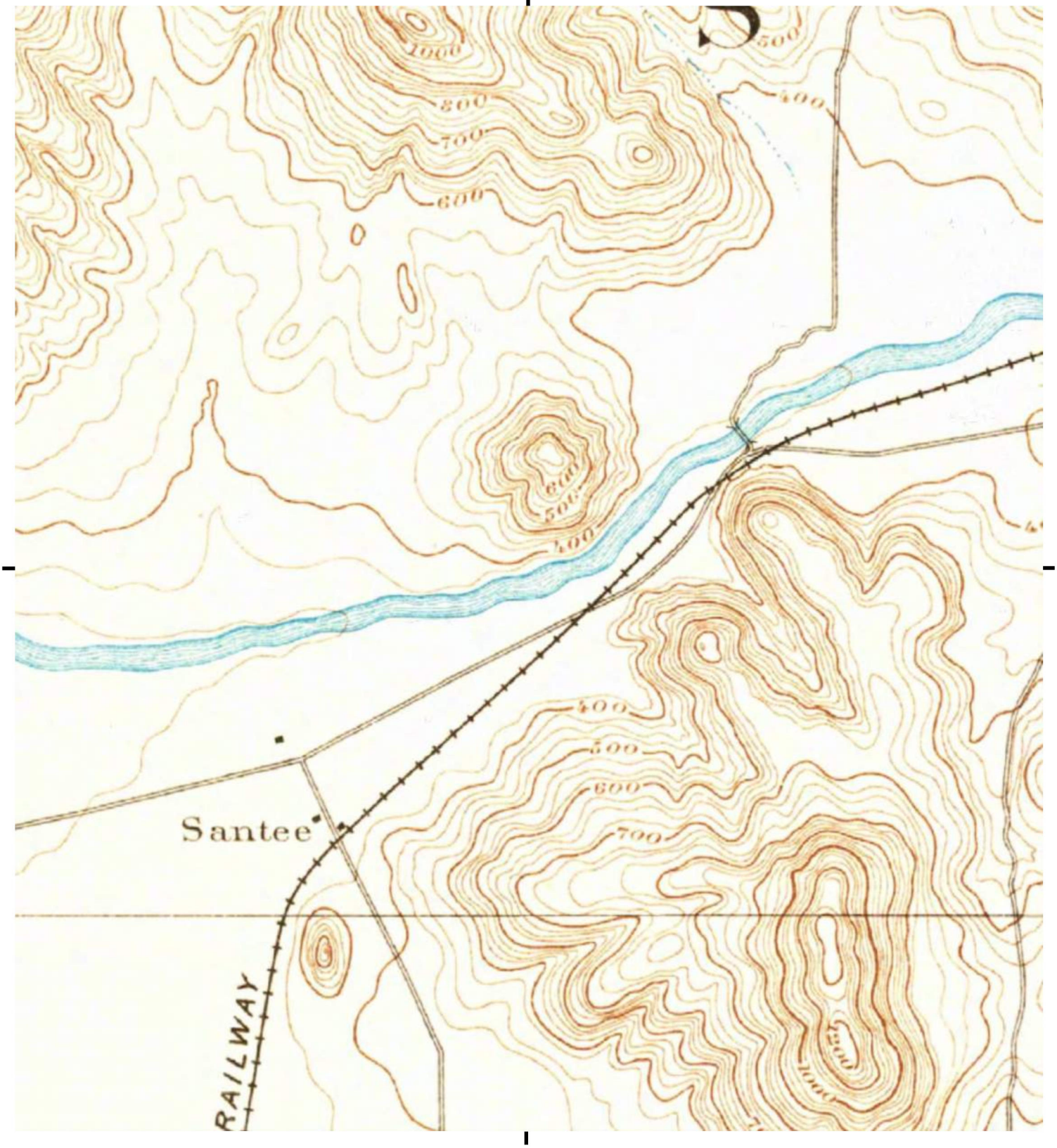
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elcajon, 1901, 15-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Cajon, 1893, 15-minute
TP, Elcajon, 1893, 15-minute

SITE NAME: 10990 WOODSIDE AVE N
ADDRESS: 10990 WOODSIDE AVE N
SANTEE, CA 92071
CLIENT: Hazard Management Consulting

N

**10990 WOODSIDE AVE N**

10990 WOODSIDE AVE N

SANTEE, CA 92071

Inquiry Number: 7126896.8

September 22, 2022

# The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Aerial Photo Decade Package

09/22/22

**Site Name:**

10990 WOODSIDE AVE N
10990 WOODSIDE AVE N
SANTEE, CA 92071
EDR Inquiry # 7126896.8

**Client Name:**

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Troy Taylor

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

***Search Results:***

| Year | Scale | Details | Source |
|---|---|---|---|
| 2016 | 1"=500' | Flight Year: 2016 | USDA/NAIP |
| 2012 | 1"=500' | Flight Year: 2012 | USDA/NAIP |
| 2009 | 1"=500' | Flight Year: 2009 | USDA/NAIP |
| 2005 | 1"=500' | Flight Year: 2005 | USDA/NAIP |
| 1996 | 1"=500' | Flight Date: June 04, 1996 | USGS |
| 1989 | 1"=500' | Flight Date: August 14, 1989 | USDA |
| 1985 | 1"=500' | Flight Date: July 29, 1985 | USDA |
| 1979 | 1"=500' | Flight Date: January 27, 1979 | EDR Proprietary Landiscor |
| 1970 | 1"=500' | Flight Date: March 06, 1970 | EDR Proprietary Landiscor |
| 1966 | 1"=500' | Flight Date: November 02, 1966 | USGS |
| 1964 | 1"=500' | Flight Date: April 08, 1964 | USDA |
| 1953 | 1"=500' | Flight Date: April 14, 1953 | USDA |
| 1949 | 1"=500' | Flight Date: February 16, 1949 | USDA |

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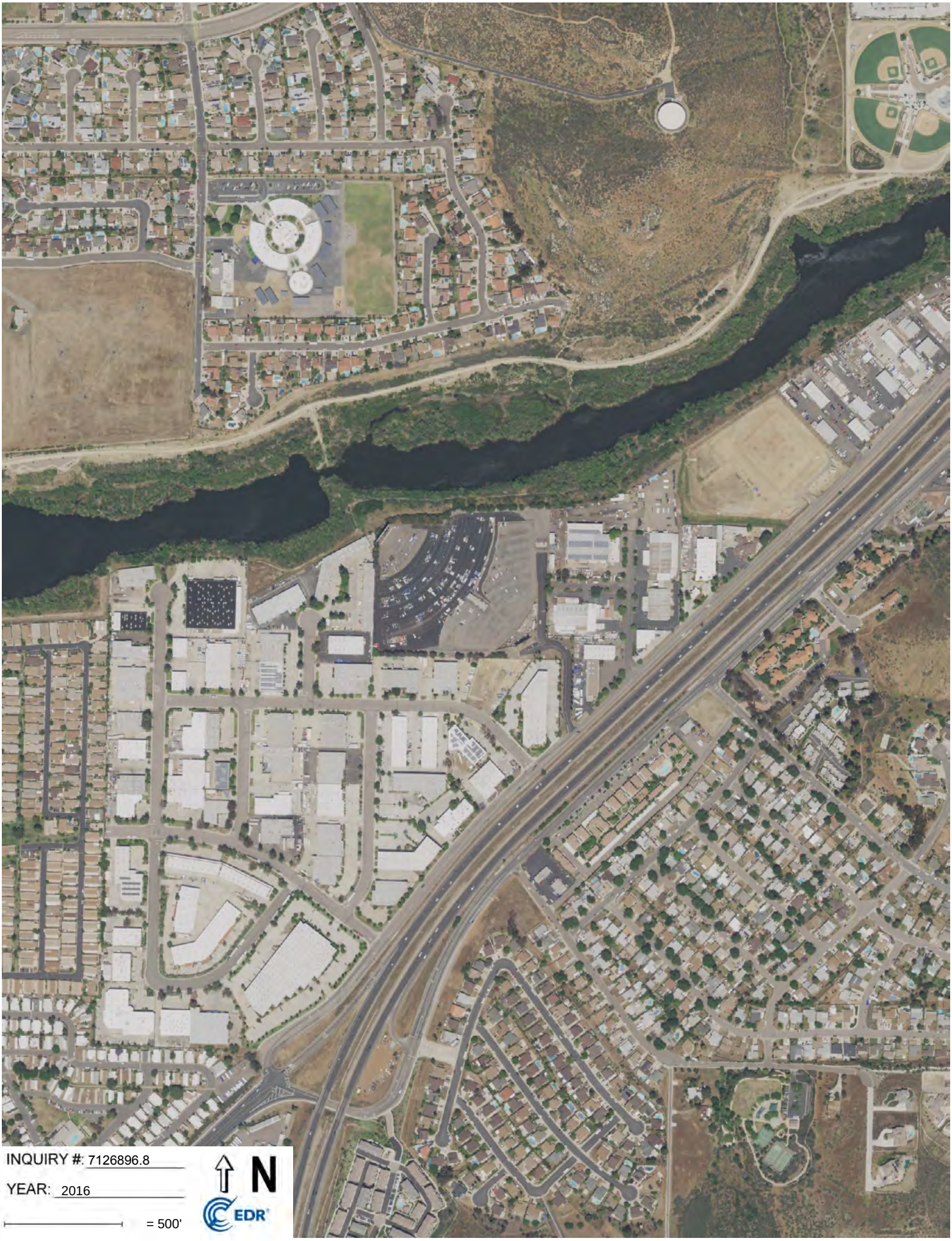
INQUIRY #: 7126896.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 1996
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 1985
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 1979
= 500'
N
EDR


INQUIRY #: 7126896.8
YEAR: 1970
= 500'
N
EDR



INQUIRY #: 7126896.8

YEAR: 1966

= 500'

N

EDR



INQUIRY #: 7126896.8

YEAR: 1964

= 500'

N

EDR



INQUIRY #: 7126896.8

YEAR: 1953

= 500'

N

EDR



INQUIRY #: 7126896.8

YEAR: 1949

= 500'

N

EDR

**10990 WOODSIDE AVE N**
10990 WOODSIDE AVE N
SANTEE, CA 92071

Inquiry Number: 7126896.2s
September 22, 2022

# The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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| Government Records Searched/Data Currency Tracking | GR-1 |

**GEOCHECK ADDENDUM**

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|---|---|
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***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

**TARGET PROPERTY INFORMATION**

**ADDRESS**

10990 WOODSIDE AVE N
SANTEE, CA 92071

**COORDINATES**

| | |
|---|---|
| Latitude (North): | 32.8481480 - 32ˆ 50' 53.33'' |
| Longitude (West): | 116.9593120 - 116ˆ 57' 33.52'' |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 503807.5 |
| UTM Y (Meters): | 3634263.0 |
| Elevation: | 356 ft. above sea level |

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

| | |
|---|---|
| Target Property Map: | 12008233 EL CAJON, CA |
| Version Date: | 2018 |

**AERIAL PHOTOGRAPHY IN THIS REPORT**

| | |
|---|---|
| Portions of Photo from: | 20140530 |
| Source: | USDA |

## MAPPED SITES SUMMARY

Target Property Address:
10990 WOODSIDE AVE N
SANTEE, CA 92071

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| A1 | AUTOFAB | 10996 WOODSIDE AVE N | RCRA NonGen / NLR | Higher | 103, 0.020, SE |
| A2 | C & H AUTO BODY & PA | 10996 WOODSIDE AVE N | CERS HAZ WASTE, EMI, CERS, HWTS | Higher | 103, 0.020, SE |
| B3 | AM/PM PAINTING & FIN | 9435 WHEATLANDS CT S | RCRA NonGen / NLR | Lower | 112, 0.021, West |
| B4 | SUSPENSION DEVELOPME | 9435 WHEATLANDS CT | RCRA NonGen / NLR | Lower | 112, 0.021, West |
| C5 | CALIBER COLLISION CE | 10910 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 159, 0.030, SW |
| C6 | CALIBER COLLISION CE | 10910 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Higher | 159, 0.030, SW |
| C7 | OLSON IRRIGATION SYS | 10910 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 159, 0.030, SW |
| C8 | MIRAGE RACING PRODUC | 10928 WHEATLANDS AV | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, NPDES,.. | Higher | 160, 0.030, SSW |
| C9 | AGILE OFF ROAD | 10928 WHEATLAND AVE | RCRA NonGen / NLR | Higher | 160, 0.030, SSW |
| C10 | YORK MANUFACTURING, | 10928 WHEATLANDS AVE | RCRA-SQG | Higher | 160, 0.030, SSW |
| D11 | DS FIBERTECH CORPORA | 11015 MISSON PARK PL | RCRA NonGen / NLR | Higher | 170, 0.032, East |
| D12 | WHITTAKER CORP | 11015 MISSION PARK S | RCRA-SQG, FINDS, ECHO | Higher | 170, 0.032, East |
| A13 | C & H AUTO BODY | 10996 NORTH WOODSIDE | RCRA-LQG | Higher | 196, 0.037, SE |
| E14 | COMPUTER INTEGRATED | 10940 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CIWQS,.. | Higher | 200, 0.038, South |
| E15 | COMPUTER INTEGRATED | 10940 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 200, 0.038, South |
| C16 | CCM ENT | 10848 WHEATLANDS AVE | SWEEPS UST, WDS | Higher | 200, 0.038, SW |
| C17 | CALIFORNIA CRAFTED M | 10848 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 200, 0.038, SW |
| C18 | CALIFORNIA CRAFTED M | 10848 WHEATLANDS AV | UST, San Diego Co. HMMD, ICIS, FTTS, HIST FTTS, US... | Higher | 200, 0.038, SW |
| C19 | ARW INC DBA ADVANCE | 10911 WHEATLANDS DR | RCRA-SQG, FINDS, ECHO, HAZNET, HWTS | Higher | 228, 0.043, SSW |
| 20 | HANSON MACHINE | 10969 WHEATLANDS AV | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 259, 0.049, SSE |
| A21 | ALTECH MACHINING INC | 11000 N WOODSIDE AVE | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 282, 0.053, ESE |
| 22 | SANTEE APARTMENTS | 11071 WOODSIDE AVE # | RCRA NonGen / NLR | Higher | 286, 0.054, SE |
| C23 | L & S PRECISION CUTT | 10925 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 291, 0.055, SSW |
| C24 | VINCENT X-RAY COMPAN | 10925 WHEATLANDS AVE | RCRA NonGen / NLR, FINDS, ECHO | Higher | 291, 0.055, SSW |
| C25 | L&S PRECISION CUTTER | 10925 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 291, 0.055, SSW |
| C26 | TOOL DEPOT | 10925 WHEATLANDS AVE | RCRA-SQG | Higher | 291, 0.055, SSW |
| F27 | KETEMA PROCESS EQUIP | 9484 MISSION PARK PL | ENVIROSTOR | Higher | 306, 0.058, ENE |
| F28 | WESTERN CONSTRUCTION | 9484 MISSION PARK PL | CPS-SLIC, San Diego Co. HMMD, EMI, HAZNET, NPDES,... | Higher | 306, 0.058, ENE |
| F29 | AMETEK, INC SANTEE D | 9484 MISSION PARK PL | RCRA-SQG, FINDS, ECHO, HAZNET, HWTS | Higher | 306, 0.058, ENE |
| F30 | WESTERN CONSTRUCTION | 9484 MISSION PARK PL | SAN DIEGO CO. SAM, San Diego Co. HMMD | Higher | 306, 0.058, ENE |
| F31 | BARE STEEL | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F32 | AMETEK, INC SANTEE D | 9484 MISSION PARK PL | RCRA-SQG, HAZNET, HWTS | Higher | 306, 0.058, ENE |
| F33 | BARE STEEL | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F34 | BARE STEEL | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F35 | BARE STEEL INC | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F36 | 9484 MISSION PARK PL | 9484 MISSION PARK PL | CERS HAZ WASTE, HAZNET, NPDES, CIWQS, CERS, HWTS | Higher | 306, 0.058, ENE |
| 37 | ALTECH MACHINING INC | 11000 WOODSIDE AVE N | RCRA NonGen / NLR | Higher | 323, 0.061, ESE |
| E38 | CALSINO INC | 10943 WHEATLANDS AVE | RCRA-SQG | Higher | 333, 0.063, South |
| G39 | JIMCO RACING INC | 9426 WHEATLANDS CT | RCRA NonGen / NLR | Higher | 347, 0.066, WSW |

## MAPPED SITES SUMMARY

Target Property Address:
10990 WOODSIDE AVE N
SANTEE, CA 92071

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| G40 | PHILIP THEARLE'S AUT | 9426 WHEATLANDS COUR | RCRA-SQG, EMI | Higher | 347, 0.066, WSW |
| G41 | JIMCO RACING, INC | 9426 WHEATLANDS CT | RCRA NonGen / NLR | Higher | 347, 0.066, WSW |
| G42 | JACK RANDALL S AUTOM | 10845 WHEATLANDS STE | RCRA-SQG, FINDS, ECHO, HAZNET, HWTS | Higher | 361, 0.068, SW |
| G43 | KIFER HYDRAULICS CO | 9440 WHEATLANDS CT S | RCRA NonGen / NLR | Lower | 414, 0.078, West |
| G44 | FUTURE MACHINE | 9440 WHEATLANDS CT # | San Diego Co. HMMD, CERS HAZ WASTE, NPDES, CIWQS,... | Lower | 414, 0.078, West |
| H45 | S&J BUILDERS & RESTO | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H46 | ALUMI CRAFT INC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H47 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H48 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, NPDES, CERS,... | Higher | 464, 0.088, SW |
| H49 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H50 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| I51 | SANTEE COLLISION CEN | 9356 WHEATLANDS RD | RCRA NonGen / NLR | Higher | 507, 0.096, SSW |
| I52 | SANTEE COLLISION CEN | 9356 WHEATLANDS RD | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 507, 0.096, SSW |
| J53 | CIRCLE K STORE #2959 | 11007 WOODSIDE AVE | RCRA-SQG, SAN DIEGO CO. SAM, CPS-SLIC, San Diego... | Higher | 569, 0.108, SSE |
| J54 | TOSCO MARKETING COMP | 11007 WOODSIDE AVE | EDR Hist Auto | Higher | 569, 0.108, SSE |
| J55 | CIRCLE K #2959 | 11007 WOODSIDE AVE | UST, SWEEPS UST, SAN DIEGO CO LOP | Higher | 569, 0.108, SSE |
| I56 | SCANTIBODIES LABORAT | 9343 WHEATLANDS RD | RCRA NonGen / NLR | Higher | 640, 0.121, SSW |
| I57 | CHULA VISTA ELECTRIC | 9344 WHEATLANDS RD | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 675, 0.128, SSW |
| I58 | CHULA VISTA ELECTRIC | 9344 WHEATLANDS RD | RCRA NonGen / NLR | Higher | 675, 0.128, SSW |
| H59 | JIMCO RACING INC | 9335 STEVENS RD | CERS HAZ WASTE, HAZNET, CERS, HWTS | Higher | 716, 0.136, SW |
| H60 | JIMCO RACING INC | 9335 STEVENS RD | RCRA NonGen / NLR | Higher | 716, 0.136, SW |
| H61 | R K BURNER SHEET MET | 9335 STEVENS RD | San Diego Co. HMMD, HIST UST | Higher | 716, 0.136, SW |
| H62 | R.K. BURNER SHEET ME | 9335 STEVENS RD | San Diego Co. HMMD, HIST UST | Higher | 716, 0.136, SW |
| H63 | MASTERCRAFT MOTORSPO | 9335 STEVENS RD | RCRA NonGen / NLR | Higher | 716, 0.136, SW |
| K64 | RAFI GORGES | 11140 MEADOW TERRACE | RCRA NonGen / NLR | Higher | 762, 0.144, ESE |
| 65 | JENNIFER JONES | 9253 BLOOMDALE ST. | RCRA NonGen / NLR | Higher | 876, 0.166, SE |
| L66 | QUALITY CONTROLLED M | 9429 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 896, 0.170, West |
| L67 | QUALITY CONTROLLED M | 9429 ABRAHAM WAY | RCRA-SQG, FINDS, ECHO | Lower | 896, 0.170, West |
| L68 | QUALITY CONTROLLED M | 9429 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Lower | 896, 0.170, West |
| M69 | FETTERLEY OIL CO | 9311 STEVENS ST | San Diego Co. HMMD, SWEEPS UST, NPDES | Higher | 953, 0.180, SW |
| K70 | JORGE CONTRERAS | 11203 VIA MADONNA | RCRA NonGen / NLR | Higher | 985, 0.187, ESE |
| N71 | HYDRAULIC ELECTRIC C | 9316 WHEATLANDS RD S | CERS HAZ WASTE, CERS | Higher | 1012, 0.192, SSW |
| L72 | STRATEDGE CORPORATIO | 9424 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Lower | 1027, 0.195, West |
| L73 | STRATEDGE | 9424 ABRAHAM WAY | RCRA-SQG | Lower | 1027, 0.195, West |
| L74 | AYMAR INDUSTRIES, LL | 9434 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, NPDES, CIWQS,... | Lower | 1028, 0.195, West |
| L75 | AYMAR ENGINEERING | 9434 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1028, 0.195, West |
| O76 | CALIFORNIA CRAFTED M | 9366 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1040, 0.197, WSW |
| O77 | CALIFORNIA CRAFTED M | 9366 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1040, 0.197, WSW |
| O78 | SAN DIEGO DESIGN INC | 9366 ABRAHAM WY | RCRA-SQG, San Diego Co. HMMD, FINDS | Lower | 1040, 0.197, WSW |

## MAPPED SITES SUMMARY

Target Property Address:
10990 WOODSIDE AVE N
SANTEE, CA 92071

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| M79 | ASHLYNN MARKETING GR | 10870 HARTLEY RD #B | RCRA NonGen / NLR | Higher | 1044, 0.198, SW |
| M80 | ASHLYNN MARKETING GR | 10870 HARTLEY RD | RCRA NonGen / NLR | Higher | 1044, 0.198, SW |
| M81 | ASHLYNN MARKETING GR | 10870 HARTLEY RD STE | RCRA NonGen / NLR | Higher | 1044, 0.198, SW |
| O82 | ACCURATE AIR ENGINEE | 9356 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1085, 0.205, WSW |
| O83 | JERAMES TOOL AND MFG | 9356 ABRAHAM WAY | RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO | Higher | 1085, 0.205, WSW |
| O84 | JERAMES TOOL & MFG | 9356 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Higher | 1085, 0.205, WSW |
| O85 | STREET TRENZ INC | 9356 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1085, 0.205, WSW |
| N86 | MATHY MACHINE, INC. | 9315 WHEATLANDS RD | San Diego Co. HMMD, CERS HAZ WASTE, CERS, HWTS | Higher | 1094, 0.207, SSW |
| N87 | MATHY MACHINE INC | 9315 WHEATLANDS, #B | RCRA NonGen / NLR | Higher | 1094, 0.207, SSW |
| L88 | SOUTHBAY FOUNDRY, IN | 9444 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Lower | 1094, 0.207, West |
| L89 | SOUTH BAY FOUNDRY | 9444 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1094, 0.207, West |
| L90 | SOUTH BAY FOUNDRY IN | 9444 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1094, 0.207, West |
| P91 | EASTWOOD MACHINE, LL | 9346 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Higher | 1132, 0.214, WSW |
| P92 | EASTWOOD MACHINE LLC | 9346 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1132, 0.214, WSW |
| Q93 | DISCFLO CORP | 10850 HARTLEY RD | RCRA NonGen / NLR | Higher | 1132, 0.214, SW |
| Q94 | DISCFLO CORPORATION | 10850 HARTLEY RD A | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 1132, 0.214, SW |
| 95 | CHARLES HELMER | 9247 VIA ANITA | RCRA NonGen / NLR | Higher | 1142, 0.216, ESE |
| 96 | AMY SKINNER | 9240 NORTHCOTE ROAD | RCRA NonGen / NLR | Higher | 1159, 0.220, ESE |
| R97 | VISION SYSTEMS INC | 11322 WOODSIDE AVE N | RCRA-LQG | Higher | 1161, 0.220, ENE |
| R98 | VISION SYSTEMS | 11322 WOODSIDE AVENU | CERS HAZ WASTE, NPDES, CIWQS, CERS | Higher | 1161, 0.220, ENE |
| P99 | A-I-M PLASTICS INC | 9326 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1188, 0.225, WSW |
| P100 | ALTS TOOL AND MACHIN | 9316 ABRAHAM WY | RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO | Higher | 1258, 0.238, SW |
| 101 | CARLOS MERCADO | 9211 BLOOMDALE ST | RCRA NonGen / NLR | Higher | 1297, 0.246, SE |
| 102 | SPECIALTY METALS FAB | 11222 WOODSIDE AVE | RCRA NonGen / NLR | Higher | 1303, 0.247, East |
| S103 | DION & SONS, INC | 11427 WOODSIDE AVE | LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD, CERS... | Higher | 2085, 0.395, ENE |
| S104 | ANTHONY T. DITTY | 11427 WOODSIDE AVE | LUST, CPS-SLIC, AST, Cortese, HIST CORTESE, SAN... | Higher | 2085, 0.395, ENE |
| T105 | SANTEE ARMY CAMP | | ENVIROSTOR | Higher | 3988, 0.755, SSW |
| T106 | ARMY CAMP (SANTEE) | | FUDS | Higher | 3997, 0.757, SSW |
| U107 | DAVE'S AUTO SERVICE | 10438 MISSION GORGE | HIST Cal-Sites | Higher | 4290, 0.812, SW |
| U108 | DAVE'S AUTO SERVICE | 10438 MISSION GORGE | RESPONSE, ENVIROSTOR, LIENS | Higher | 4290, 0.812, SW |
| 109 | SANTANA HIGH SCHOOL | 9915 MAGNOLIA AVENUE | ENVIROSTOR, SCH, CERS | Higher | 4389, 0.831, NW |
| 110 | EDGEMORE HOSPITAL | | Notify 65 | Lower | 4438, 0.841, WSW |

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### *Lists of Federal NPL (Superfund) sites*

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

### *Lists of Federal Delisted NPL sites*

Delisted NPL ---------- National Priority List Deletions

### *Lists of Federal sites subject to CERCLA removals and CERCLA orders*

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

### *Lists of Federal CERCLA sites with NFRAP*

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

### *Lists of Federal RCRA facilities undergoing Corrective Action*

CORRACTS ---------- Corrective Action Report

### *Lists of Federal RCRA TSD facilities*

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

### *Lists of Federal RCRA generators*

RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### *Federal institutional controls / engineering controls registries*

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

# EXECUTIVE SUMMARY

***Federal ERNS list***

ERNS ---------- Emergency Response Notification System

***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF ---------- Solid Waste Information System

***Lists of state and tribal leaking storage tanks***

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

***Lists of state and tribal registered storage tanks***

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

***Lists of state and tribal brownfield sites***

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS ---------- A Listing of Brownfields Sites

***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
San Diego Co. HMMD ---------- Hazardous Materials Management Division Database
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
AQUEOUS FOAM ---------- Former Fire Training Facility Assessments Listing
PFAS ---------- PFAS Contamination Site Location Listing

# EXECUTIVE SUMMARY

***Local Lists of Registered Storage Tanks***

CA FID UST ---- Facility Inventory Database
CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

***Local Land Records***

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

***Records of Emergency Release Reports***

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

***Other Ascertainable Records***

DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing

ECHO ---- Enforcement & Compliance History Information
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
CUPA Listings ---- CUPA Resources List
DRYCLEANERS ---- Cleaner Facilities
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
HAZNET ---- Facility and Manifest Data
ICE ---- ICE
HWP ---- EnviroStor Permitted Facilities Listing
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
SAN DIEGO CO LOP ---- Local Oversight Program Listing
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
HWTS ---- Hazardous Waste Tracking System
MINES MRDS ---- Mineral Resources Data System

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

**SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

# EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

**STANDARD ENVIRONMENTAL RECORDS**

***Lists of Federal RCRA generators***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/20/2022 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| C & H AUTO BODY<br>EPA ID:: CAD981572860 | 10996 NORTH WOODSIDE | SE 0 - 1/8 (0.037 mi.) | A13 | 73 |
| VISION SYSTEMS INC<br>EPA ID:: CAR000268656 | 11322 WOODSIDE AVE N | ENE 1/8 - 1/4 (0.220 mi.) | R97 | 667 |

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/20/2022 has revealed that there are 15 RCRA-SQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| YORK MANUFACTURING,<br>EPA ID:: CAC002561381 | 10928 WHEATLANDS AVE | SSW 0 - 1/8 (0.030 mi.) | C10 | 64 |
| ***WHITTAKER CORP***<br>EPA ID:: CAD981369630 | ***11015 MISSION PARK S*** | ***E 0 - 1/8 (0.032 mi.)*** | ***D12*** | ***70*** |
| ***ARW INC DBA ADVANCE***<br>EPA ID:: CAR000016808 | ***10911 WHEATLANDS DR*** | ***SSW 0 - 1/8 (0.043 mi.)*** | ***C19*** | ***99*** |
| TOOL DEPOT<br>EPA ID:: CAR000185587 | 10925 WHEATLANDS AVE | SSW 0 - 1/8 (0.055 mi.) | C26 | 137 |
| ***AMETEK, INC SANTEE D*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F29*** | ***158*** |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAL000189534 | | | | |
| ***AMETEK, INC SANTEE D*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F32*** | ***195*** |
| EPA ID:: CAD981450232 | | | | |
| CALSINO INC | 10943 WHEATLANDS AVE | S 0 - 1/8 (0.063 mi.) | E38 | 233 |
| EPA ID:: CAP000055343 | | | | |
| ***PHILIP THEARLE'S AUT*** | ***9426 WHEATLANDS COUR*** | ***WSW 0 - 1/8 (0.066 mi.)*** | ***G40*** | ***238*** |
| EPA ID:: CAD118586056 | | | | |
| ***JACK RANDALL S AUTOM*** | ***10845 WHEATLANDS STE*** | ***SW 0 - 1/8 (0.068 mi.)*** | ***G42*** | ***246*** |
| EPA ID:: CAD982516239 | | | | |
| ***CIRCLE K STORE #2959*** | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J53*** | ***315*** |
| EPA ID:: CAD981681166 | | | | |
| ***JERAMES TOOL AND MFG*** | ***9356 ABRAHAM WAY*** | ***WSW 1/8 - 1/4 (0.205 mi.)*** | ***O83*** | ***520*** |
| EPA ID:: CAD020203139 | | | | |
| ***ALTS TOOL AND MACHIN*** | ***9316 ABRAHAM WY*** | ***SW 1/8 - 1/4 (0.238 mi.)*** | ***P100*** | ***687*** |
| EPA ID:: CA0000477877 | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***QUALITY CONTROLLED M*** | ***9429 ABRAHAM WAY*** | ***W 1/8 - 1/4 (0.170 mi.)*** | ***L67*** | ***376*** |
| EPA ID:: CAD981396997 | | | | |
| STRATEDGE | 9424 ABRAHAM WAY | W 1/8 - 1/4 (0.195 mi.) | L73 | 470 |
| EPA ID:: CAR000285569 | | | | |
| ***SAN DIEGO DESIGN INC*** | ***9366 ABRAHAM WY*** | ***WSW 1/8 - 1/4 (0.197 mi.)*** | ***O78*** | ***507*** |
| EPA ID:: CAD981384993 | | | | |

***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DAVE'S AUTO SERVICE*** | ***10438 MISSION GORGE*** | ***SW 1/2 - 1 (0.812 mi.)*** | ***U108*** | ***812*** |

Database: RESPONSE, Date of Government Version: 04/25/2022
Status: Certified
Facility Id: 37750003

***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State

Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/25/2022 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| KETEMA PROCESS EQUIP<br>Facility Id: 71003382<br>Status: No Action Required | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F27 | 139 |
| SANTEE ARMY CAMP<br>Facility Id: 80000969<br>Status: Inactive - Needs Evaluation | | SSW 1/2 - 1 (0.755 mi.) | T105 | 804 |
| ***DAVE'S AUTO SERVICE***<br>Facility Id: 37750003<br>Status: Certified | ***10438 MISSION GORGE*** | ***SW 1/2 - 1 (0.812 mi.)*** | ***U108*** | ***812*** |
| ***SANTANA HIGH SCHOOL***<br>Facility Id: 60000859<br>Status: Inactive - Withdrawn | ***9915 MAGNOLIA AVENUE*** | ***NW 1/2 - 1 (0.831 mi.)*** | ***109*** | ***819*** |

***Lists of state and tribal leaking storage tanks***

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DION & SONS, INC***<br>Database: LUST, Date of Government Version: 05/23/2022<br>Status: Completed - Case Closed<br>Global Id: T0607303173 | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S103*** | ***695*** |
| ***ANTHONY T. DITTY***<br>Database: LUST REG 9, Date of Government Version: 03/01/2001<br>Status: Remediation Plan<br>Case Number: 9UT938 | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***800*** |

SAN DIEGO CO. SAM: The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that

there are 3 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***WESTERN CONSTRUCTION*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F30*** | ***190*** |
| Case Number: H02097-001 | | | | |
| Facility Status: Closed Case | | | | |
| ***CIRCLE K STORE #2959*** | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J53*** | ***315*** |
| Case Number: H20836-001 | | | | |
| Facility Status: Closed Case | | | | |
| ***DION & SONS, INC*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S103*** | ***695*** |
| Case Number: H19469-001 | | | | |
| Case Number: H19469-002 | | | | |
| Case Number: H19469-003 | | | | |
| Case Number: H19469-004 | | | | |
| Facility Status: Remedial Investigation | | | | |
| Facility Status: Closed Case | | | | |

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***WESTERN CONSTRUCTION*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F28*** | ***141*** |
| Database: CPS-SLIC, Date of Government Version: 05/23/2022 | | | | |
| Global Id: T0608164832 | | | | |
| Facility Status: Completed - Case Closed | | | | |
| ***CIRCLE K STORE #2959*** | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J53*** | ***315*** |
| Database: CPS-SLIC, Date of Government Version: 05/23/2022 | | | | |
| Global Id: T0608102609 | | | | |
| Facility Status: Completed - Case Closed | | | | |
| ***ANTHONY T. DITTY*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***800*** |
| Database: CPS-SLIC, Date of Government Version: 05/23/2022 | | | | |
| Global Id: T0608144417 | | | | |
| Global Id: T0608182940 | | | | |
| Global Id: T0608115165 | | | | |
| Global Id: T10000004271 | | | | |
| Facility Status: Completed - Case Closed | | | | |
| Facility Status: Open - Site Assessment | | | | |

***Lists of state and tribal registered storage tanks***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within

approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CALIFORNIA CRAFTED M*** | ***10848 WHEATLANDS AV*** | ***SW 0 - 1/8 (0.038 mi.)*** | ***C18*** | ***93*** |
| Database: UST, Date of Government Version: 06/06/2022<br>Facility Id: H20835 | | | | |
| ***CIRCLE K #2959*** | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J55*** | ***321*** |
| Database: UST, Date of Government Version: 06/06/2022<br>Facility Id: H20836 | | | | |

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Lists of Hazardous waste / Contaminated Sites***

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| DAVE'S AUTO SERVICE | 10438 MISSION GORGE | SW 1/2 - 1 (0.812 mi.) | U107 | 806 |

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/18/2022 has revealed that there are 23 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***C & H AUTO BODY & PA*** | ***10996 WOODSIDE AVE N*** | ***SE 0 - 1/8 (0.020 mi.)*** | ***A2*** | ***11*** |
| ***CALIBER COLLISION CE*** | ***10910 WHEATLANDS AVE*** | ***SW 0 - 1/8 (0.030 mi.)*** | ***C6*** | ***30*** |
| ***MIRAGE RACING PRODUC*** | ***10928 WHEATLANDS AV*** | ***SSW 0 - 1/8 (0.030 mi.)*** | ***C8*** | ***46*** |
| ***COMPUTER INTEGRATED*** | ***10940 WHEATLANDS AVE*** | ***S 0 - 1/8 (0.038 mi.)*** | ***E14*** | ***75*** |
| ***HANSON MACHINE*** | ***10969 WHEATLANDS AV*** | ***SSE 0 - 1/8 (0.049 mi.)*** | ***20*** | ***105*** |
| ***ALTECH MACHINING INC*** | ***11000 N WOODSIDE AVE*** | ***ESE 0 - 1/8 (0.053 mi.)*** | ***A21*** | ***113*** |
| ***L & S PRECISION CUTT*** | ***10925 WHEATLANDS AVE*** | ***SSW 0 - 1/8 (0.055 mi.)*** | ***C23*** | ***128*** |
| ***9484 MISSION PARK PL*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F36*** | ***218*** |
| ***ALUMICRAFT LLC*** | ***10815 WHEATLANDS AVE*** | ***SW 0 - 1/8 (0.088 mi.)*** | ***H48*** | ***274*** |
| ***SANTEE COLLISION CEN*** | ***9356 WHEATLANDS RD*** | ***SSW 0 - 1/8 (0.096 mi.)*** | ***I52*** | ***307*** |
| ***CHULA VISTA ELECTRIC*** | ***9344 WHEATLANDS RD*** | ***SSW 1/8 - 1/4 (0.128 mi.)*** | ***I57*** | ***325*** |
| ***JIMCO RACING INC*** | ***9335 STEVENS RD*** | ***SW 1/8 - 1/4 (0.136 mi.)*** | ***H59*** | ***347*** |
| ***HYDRAULIC ELECTRIC C*** | ***9316 WHEATLANDS RD S*** | ***SSW 1/8 - 1/4 (0.192 mi.)*** | ***N71*** | ***413*** |
| ***JERAMES TOOL & MFG*** | ***9356 ABRAHAM WAY*** | ***WSW 1/8 - 1/4 (0.205 mi.)*** | ***O84*** | ***527*** |
| ***MATHY MACHINE, INC.*** | ***9315 WHEATLANDS RD*** | ***SSW 1/8 - 1/4 (0.207 mi.)*** | ***N86*** | ***583*** |
| ***EASTWOOD MACHINE, LL*** | ***9346 ABRAHAM WAY*** | ***WSW 1/8 - 1/4 (0.214 mi.)*** | ***P91*** | ***624*** |
| ***DISCFLO CORPORATION*** | ***10850 HARTLEY RD A*** | ***SW 1/8 - 1/4 (0.214 mi.)*** | ***Q94*** | ***639*** |
| ***VISION SYSTEMS*** | ***11322 WOODSIDE AVENU*** | ***ENE 1/8 - 1/4 (0.220 mi.)*** | ***R98*** | ***673*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***FUTURE MACHINE*** | ***9440 WHEATLANDS CT #*** | ***W 0 - 1/8 (0.078 mi.)*** | ***G44*** | ***262*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| *QUALITY CONTROLLED M* | *9429 ABRAHAM WAY* | *W 1/8 - 1/4 (0.170 mi.)* | *L68* | *379* |
| *STRATEDGE CORPORATIO* | *9424 ABRAHAM WAY* | *W 1/8 - 1/4 (0.195 mi.)* | *L72* | *419* |
| *AYMAR INDUSTRIES, LL* | *9434 ABRAHAM WAY* | *W 1/8 - 1/4 (0.195 mi.)* | *L74* | *473* |
| *SOUTHBAY FOUNDRY, IN* | *9444 ABRAHAM WAY* | *W 1/8 - 1/4 (0.207 mi.)* | *L88* | *599* |

***Local Lists of Registered Storage Tanks***

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| *CCM ENT*<br>Status: A<br>Tank Status: A<br>Comp Number: 20835 | *10848 WHEATLANDS AVE* | *SW 0 - 1/8 (0.038 mi.)* | *C16* | *89* |
| *CIRCLE K #2959*<br>Status: A<br>Tank Status: A<br>Comp Number: 20836 | *11007 WOODSIDE AVE* | *SSE 0 - 1/8 (0.108 mi.)* | *J55* | *321* |
| *FETTERLEY OIL CO*<br>Comp Number: 6168 | *9311 STEVENS ST* | *SW 1/8 - 1/4 (0.180 mi.)* | *M69* | *399* |

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| *CIRCLE K STORE #2959*<br>Facility Id: 00000013656 | *11007 WOODSIDE AVE* | *SSE 0 - 1/8 (0.108 mi.)* | *J53* | *315* |
| *R K BURNER SHEET MET* | *9335 STEVENS RD* | *SW 1/8 - 1/4 (0.136 mi.)* | *H61* | *359* |
| *R.K. BURNER SHEET ME*<br>Facility Id: 00000068882 | *9335 STEVENS RD* | *SW 1/8 - 1/4 (0.136 mi.)* | *H62* | *361* |

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/20/2022 has revealed that there are 52 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| AUTOFAB<br>EPA ID:: CAL000000371 | 10996 WOODSIDE AVE N | SE 0 - 1/8 (0.020 mi.) | A1 | 9 |
| CALIBER COLLISION CE<br>EPA ID:: CAL000463473 | 10910 WHEATLANDS AVE | SW 0 - 1/8 (0.030 mi.) | C5 | 28 |
| OLSON IRRIGATION SYS<br>EPA ID:: CAL000036718 | 10910 WHEATLANDS AVE | SW 0 - 1/8 (0.030 mi.) | C7 | 44 |
| AGILE OFF ROAD<br>EPA ID:: CAL000436462 | 10928 WHEATLAND AVE | SSW 0 - 1/8 (0.030 mi.) | C9 | 61 |
| DS FIBERTECH CORPORA<br>EPA ID:: CAL000370764 | 11015 MISSON PARK PL | E 0 - 1/8 (0.032 mi.) | D11 | 67 |
| COMPUTER INTEGRATED<br>EPA ID:: CAL000425494 | 10940 WHEATLANDS AVE | S 0 - 1/8 (0.038 mi.) | E15 | 86 |
| CALIFORNIA CRAFTED M<br>EPA ID:: CAL000363924 | 10848 WHEATLANDS AVE | SW 0 - 1/8 (0.038 mi.) | C17 | 91 |
| SANTEE APARTMENTS<br>EPA ID:: CAC003065370 | 11071 WOODSIDE AVE # | SE 0 - 1/8 (0.054 mi.) | 22 | 126 |
| ***VINCENT X-RAY COMPAN***<br>EPA ID:: CAD982368888 | ***10925 WHEATLANDS AVE*** | ***SSW 0 - 1/8 (0.055 mi.)*** | ***C24*** | ***131*** |
| L&S PRECISION CUTTER<br>EPA ID:: CAL000322962 | 10925 WHEATLANDS AVE | SSW 0 - 1/8 (0.055 mi.) | C25 | 134 |
| BARE STEEL<br>EPA ID:: CAC003164642 | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F31 | 192 |
| BARE STEEL<br>EPA ID:: CAC003054786<br>EPA ID:: CAC003137149<br>EPA ID:: CAC003086411<br>EPA ID:: CAC003110108 | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F33 | 203 |
| BARE STEEL<br>EPA ID:: CAC003069330 | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F34 | 213 |
| BARE STEEL INC<br>EPA ID:: CAC003179086 | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F35 | 215 |
| ALTECH MACHINING INC<br>EPA ID:: CAL000045408 | 11000 WOODSIDE AVE N | ESE 0 - 1/8 (0.061 mi.) | 37 | 230 |
| JIMCO RACING INC<br>EPA ID:: CAL000436632 | 9426 WHEATLANDS CT | WSW 0 - 1/8 (0.066 mi.) | G39 | 235 |
| JIMCO RACING, INC<br>EPA ID:: CAC003058993 | 9426 WHEATLANDS CT | WSW 0 - 1/8 (0.066 mi.) | G41 | 244 |
| S&J BUILDERS & RESTO<br>EPA ID:: CAL000328326 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H45 | 266 |
| ALUMI CRAFT INC<br>EPA ID:: CAL000313817 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H46 | 269 |
| ALUMICRAFT LLC | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H47 | 272 |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAL000463276 | | | | |
| ALUMICRAFT LLC<br>EPA ID:: CAL000463278 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H49 | 299 |
| ALUMICRAFT LLC<br>EPA ID:: CAL000463277 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H50 | 302 |
| SANTEE COLLISION CEN<br>EPA ID:: CAL000325001 | 9356 WHEATLANDS RD | SSW 0 - 1/8 (0.096 mi.) | I51 | 304 |
| SCANTIBODIES LABORAT<br>EPA ID:: CAL000325136 | 9343 WHEATLANDS RD | SSW 0 - 1/8 (0.121 mi.) | I56 | 323 |
| CHULA VISTA ELECTRIC<br>EPA ID:: CAL000398849 | 9344 WHEATLANDS RD | SSW 1/8 - 1/4 (0.128 mi.) | I58 | 344 |
| JIMCO RACING INC<br>EPA ID:: CAL000453201 | 9335 STEVENS RD | SW 1/8 - 1/4 (0.136 mi.) | H60 | 356 |
| MASTERCRAFT MOTORSPO<br>EPA ID:: CAL000405613 | 9335 STEVENS RD | SW 1/8 - 1/4 (0.136 mi.) | H63 | 366 |
| RAFI GORGES<br>EPA ID:: CAC003008755 | 11140 MEADOW TERRACE | ESE 1/8 - 1/4 (0.144 mi.) | K64 | 368 |
| JENNIFER JONES<br>EPA ID:: CAC003130545 | 9253 BLOOMDALE ST. | SE 1/8 - 1/4 (0.166 mi.) | 65 | 371 |
| JORGE CONTRERAS<br>EPA ID:: CAC003180076 | 11203 VIA MADONNA | ESE 1/8 - 1/4 (0.187 mi.) | K70 | 411 |
| ASHLYNN MARKETING GR<br>EPA ID:: CAC003052571 | 10870 HARTLEY RD #B | SW 1/8 - 1/4 (0.198 mi.) | M79 | 510 |
| ASHLYNN MARKETING GR<br>EPA ID:: CAC003118281 | 10870 HARTLEY RD | SW 1/8 - 1/4 (0.198 mi.) | M80 | 513 |
| ASHLYNN MARKETING GR<br>EPA ID:: CAC003038393 | 10870 HARTLEY RD STE | SW 1/8 - 1/4 (0.198 mi.) | M81 | 515 |
| ACCURATE AIR ENGINEE<br>EPA ID:: CAL000359247 | 9356 ABRAHAM WAY | WSW 1/8 - 1/4 (0.205 mi.) | O82 | 518 |
| STREET TRENZ INC<br>EPA ID:: CAL000464248 | 9356 ABRAHAM WAY | WSW 1/8 - 1/4 (0.205 mi.) | O85 | 580 |
| MATHY MACHINE INC<br>EPA ID:: CAD982028144 | 9315 WHEATLANDS, #B | SSW 1/8 - 1/4 (0.207 mi.) | N87 | 596 |
| EASTWOOD MACHINE LLC<br>EPA ID:: CAL000400233 | 9346 ABRAHAM WAY | WSW 1/8 - 1/4 (0.214 mi.) | P92 | 634 |
| DISCFLO CORP<br>EPA ID:: CAL000287207 | 10850 HARTLEY RD | SW 1/8 - 1/4 (0.214 mi.) | Q93 | 636 |
| CHARLES HELMER<br>EPA ID:: CAC003067834 | 9247 VIA ANITA | ESE 1/8 - 1/4 (0.216 mi.) | 95 | 662 |
| AMY SKINNER<br>EPA ID:: CAC003024825 | 9240 NORTHCOTE ROAD | ESE 1/8 - 1/4 (0.220 mi.) | 96 | 664 |
| A-I-M PLASTICS INC<br>EPA ID:: CAL000205165 | 9326 ABRAHAM WAY | WSW 1/8 - 1/4 (0.225 mi.) | P99 | 684 |
| CARLOS MERCADO<br>EPA ID:: CAC003088865 | 9211 BLOOMDALE ST | SE 1/8 - 1/4 (0.246 mi.) | 101 | 690 |
| SPECIALTY METALS FAB | 11222 WOODSIDE AVE | E 1/8 - 1/4 (0.247 mi.) | 102 | 693 |

EPA ID:: CAL000305980

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| AM/PM PAINTING & FIN<br>EPA ID:: CAL000324752 | 9435 WHEATLANDS CT S | W 0 - 1/8 (0.021 mi.) | B3 | 23 |
| SUSPENSION DEVELOPME<br>EPA ID:: CAC003035873 | 9435 WHEATLANDS CT | W 0 - 1/8 (0.021 mi.) | B4 | 25 |
| KIFER HYDRAULICS CO<br>EPA ID:: CAL000393149 | 9440 WHEATLANDS CT S | W 0 - 1/8 (0.078 mi.) | G43 | 259 |
| QUALITY CONTROLLED M<br>EPA ID:: CAL000332740 | 9429 ABRAHAM WAY | W 1/8 - 1/4 (0.170 mi.) | L66 | 373 |
| AYMAR ENGINEERING<br>EPA ID:: CAL000422384 | 9434 ABRAHAM WAY | W 1/8 - 1/4 (0.195 mi.) | L75 | 497 |
| CALIFORNIA CRAFTED M<br>EPA ID:: CAL000363925 | 9366 ABRAHAM WAY | WSW 1/8 - 1/4 (0.197 mi.) | O76 | 499 |
| CALIFORNIA CRAFTED M<br>EPA ID:: CAC003167212<br>EPA ID:: CAC003153628 | 9366 ABRAHAM WAY | WSW 1/8 - 1/4 (0.197 mi.) | O77 | 502 |
| SOUTH BAY FOUNDRY<br>EPA ID:: CAC002972916 | 9444 ABRAHAM WAY | W 1/8 - 1/4 (0.207 mi.) | L89 | 619 |
| SOUTH BAY FOUNDRY IN<br>EPA ID:: CAL000378761 | 9444 ABRAHAM WAY | W 1/8 - 1/4 (0.207 mi.) | L90 | 622 |

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 05/11/2022 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ARMY CAMP (SANTEE) | | SSW 1/2 - 1 (0.757 mi.) | T106 | 805 |

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/21/2022 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***ANTHONY T. DITTY*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***800*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***ANTHONY T. DITTY*** Reg Id: 9UT938 | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***800*** |

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 06/10/2022 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| EDGEMORE HOSPITAL | | WSW 1/2 - 1 (0.841 mi.) | 110 | 821 |

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

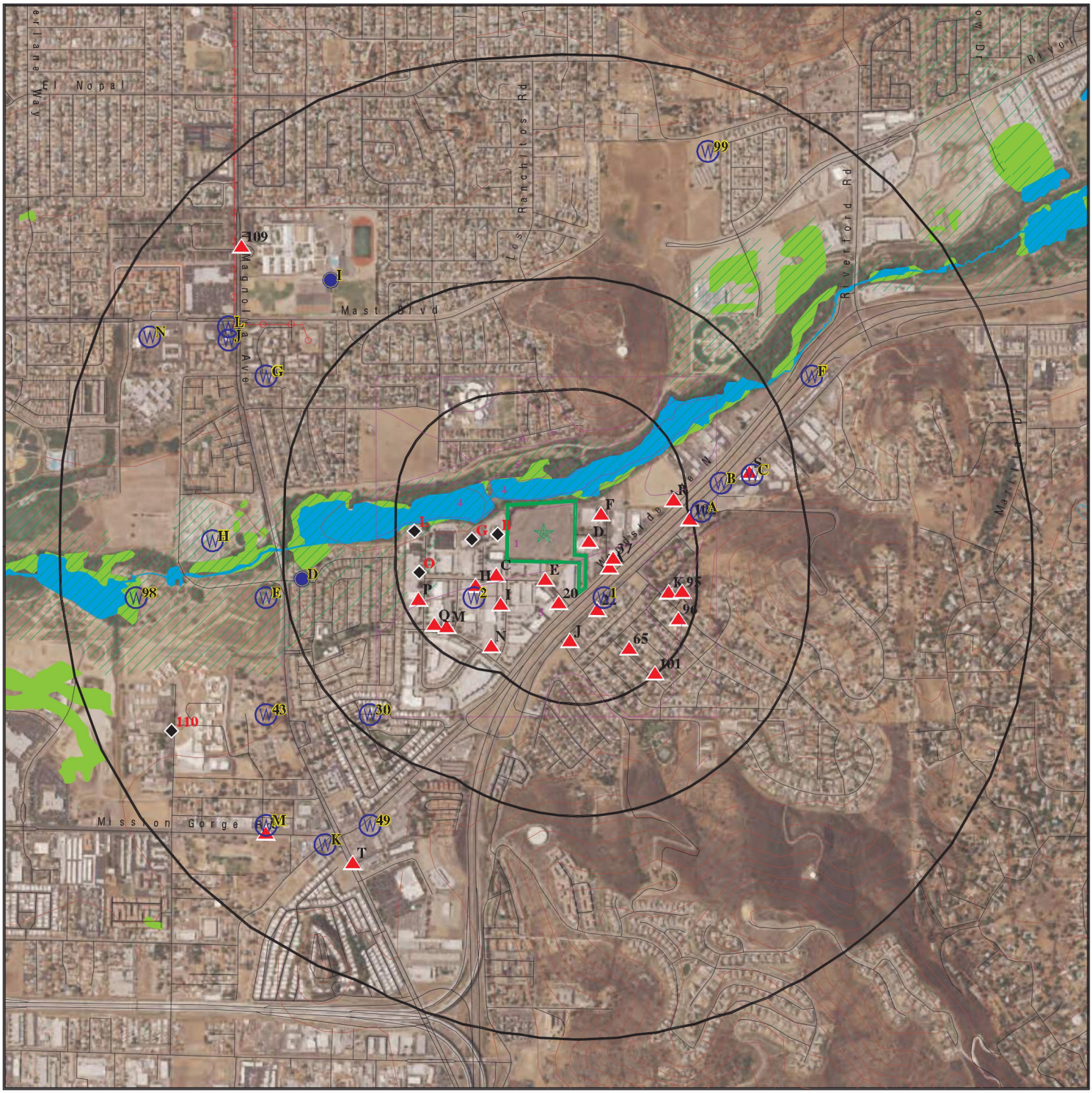
| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| TOSCO MARKETING COMP | 11007 WOODSIDE AVE | SSE 0 - 1/8 (0.108 mi.) | J54 | 321 |

# EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

| Site Name | Database(s) |
|---|---|
| KEPHART DUMP | SWF/LF |
| ARCO FACILITY NO. 9760 | San Diego Co. HMMD |

# OVERVIEW MAP - 7126896.2S




This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | | | |
|---|---|---|---|
| SITE NAME: | 10990 WOODSIDE AVE N | CLIENT: | Hazard Management Consulting |
| ADDRESS: | 10990 WOODSIDE AVE N<br>SANTEE CA 92071 | CONTACT: | Troy Taylor |
| | | INQUIRY #: | 7126896.2s |
| LAT/LONG: | 32.848148 / 116.959312 | DATE: | September 22, 2022 6:15 pm |

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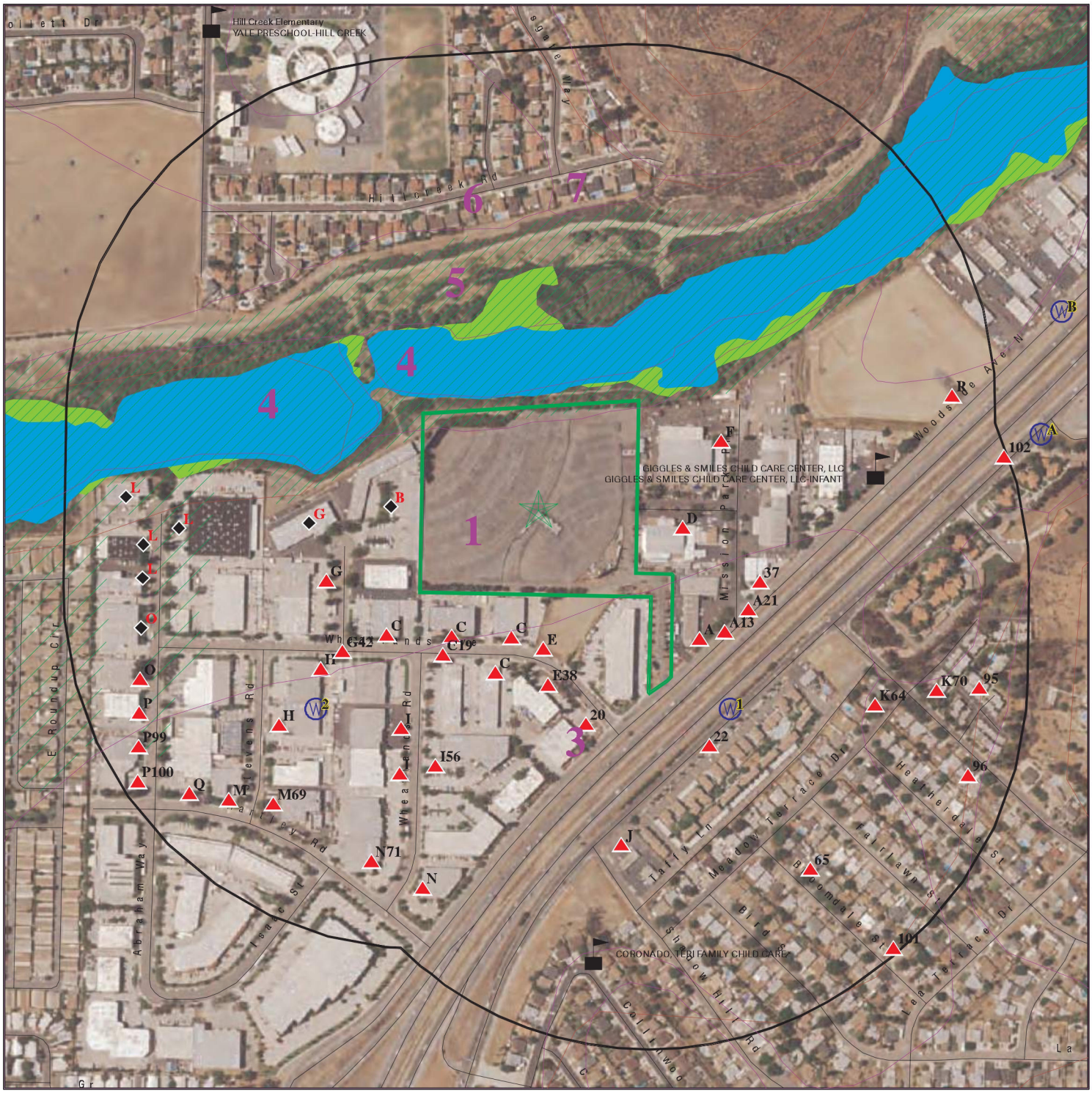
# DETAIL MAP - 7126896.2S




- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: 10990 WOODSIDE AVE N<br>ADDRESS: 10990 WOODSIDE AVE N<br>SANTEE CA 92071<br>LAT/LONG: 32.848148 / 116.959312 | CLIENT: Hazard Management Consulting<br>CONTACT: Troy Taylor<br>INQUIRY #: 7126896.2s<br>DATE: September 22, 2022 6:16 pm |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Lists of Federal NPL (Superfund) sites*** | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal Delisted NPL sites*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal sites subject to CERCLA removals and CERCLA orders*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal CERCLA sites with NFRAP*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA facilities undergoing Corrective Action*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal RCRA TSD facilities*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA generators*** | | | | | | | | |
| RCRA-LQG | 0.250 | | 1 | 1 | NR | NR | NR | 2 |
| RCRA-SQG | 0.250 | | 10 | 5 | NR | NR | NR | 15 |
| RCRA-VSQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Lists of state- and tribal (Superfund) equivalent sites*** | | | | | | | | |
| RESPONSE | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| ***Lists of state- and tribal hazardous waste facilities*** | | | | | | | | |
| ENVIROSTOR | 1.000 | | 1 | 0 | 0 | 3 | NR | 4 |
| ***Lists of state and tribal landfills and solid waste disposal facilities*** | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| ***Lists of state and tribal leaking storage tanks*** | | | | | | | | |
| LUST | 0.500 | | 0 | 0 | 2 | NR | NR | 2 |
| SAN DIEGO CO. SAM | 0.500 | | 2 | 0 | 1 | NR | NR | 3 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CPS-SLIC | 0.500 | | 2 | 0 | 1 | NR | NR | 3 |
| ***Lists of state and tribal registered storage tanks*** | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| UST | 0.250 | | 2 | 0 | NR | NR | NR | 2 |
| AST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Lists of state and tribal voluntary cleanup sites*** | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of state and tribal brownfield sites*** | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| WMUDS/SWAT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| HAULERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST Cal-Sites | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| SCH | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| San Diego Co. HMMD | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CERS HAZ WASTE | 0.250 | | 11 | 12 | NR | NR | NR | 23 |
| Toxic Pits | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| AQUEOUS FOAM | TP | | NR | NR | NR | NR | NR | 0 |
| PFAS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Registered Storage Tanks*** | | | | | | | | |
| SWEEPS UST | 0.250 | | 2 | 1 | NR | NR | NR | 3 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| HIST UST | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| CA FID UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CERS TANKS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DEED | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CHMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| LDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MCS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SPILLS 90 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 27 | 25 | NR | NR | NR | 52 |
| FUDS | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FINDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| ECHO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA BOND EXP. PLAN | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Cortese | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| CUPA Listings | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| EMI | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ENF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HAZNET | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST CORTESE | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| HWP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| HWT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MWMP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| NPDES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PEST LIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Notify 65 | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UIC GEO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WASTEWATER PITS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| WDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WIP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MILITARY PRIV SITES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROJECT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WDR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SAN DIEGO CO LOP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CIWQS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| NON-CASE INFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| OTHER OIL GAS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROD WATER PONDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SAMPLING POINT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WELL STIM PROJ | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HWTS | TP | | NR | NR | NR | NR | NR | 0 |
| MINES MRDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| **EDR HIGH RISK HISTORICAL RECORDS** | | | | | | | | |
| ***EDR Exclusive Records*** | | | | | | | | |
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR Hist Auto | 0.125 | | 1 | NR | NR | NR | NR | 1 |
| EDR Hist Cleaner | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| **EDR RECOVERED GOVERNMENT ARCHIVES** | | | | | | | | |
| ***Exclusive Recovered Govt. Archives*** | | | | | | | | |
| RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| - Totals -- | | 0 | 60 | 46 | 6 | 7 | 0 | 119 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

**A1**
**SE**
**< 1/8**
**0.020 mi.**
**103 ft.**

**AUTOFAB**
**10996 WOODSIDE AVE N STE F**
**SANTEE, CA 92071**

**Site 1 of 4 in cluster A**

**RCRA NonGen / NLR**

**1025865557**
**CAL000000371**

**Relative:**
**Higher**

**Actual:**
**362 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20191015 |
| Handler Name: | AUTOFAB | |
| Handler Address: | | 10996 WOODSIDE AVE N STE F |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000000371 |
| Contact Name: | | JOHN EHMKE |
| Contact Address: | | WOODSIDE AVE N STE F |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-1740 |
| Contact Fax: | | 619-562-6151 |
| Contact Email: | | JOHN@AUTOFAB.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | CA |
| State District: | | CA |
| Mailing Address: | | WOODSIDE AVE N STE F |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | JOHN EHMKE | |
| Owner Type: | | Private |
| Operator Name: | JOHN EHMKE | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**AUTOFAB (Continued)** **1025865557**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20191022 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JOHN EHMKE | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10996 WOODSIDE AVE N STE F |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-1740 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JOHN EHMKE | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10996 WOODSIDE AVE N STE F |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-1740 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**AUTOFAB (Continued)** **1025865557**

Historic Generators:
Receive Date: 20191015
Handler Name: AUTOFAB
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**A2** **C & H AUTO BODY & PAINT** **CERS HAZ WASTE** **1006826408**
**SE** **10996 WOODSIDE AVE N STE A&B** **EMI** **N/A**
**< 1/8** **SANTEE, CA 92071** **CERS**
**0.020 mi.** **HWTS**
**103 ft.** **Site 2 of 4 in cluster A**

**Relative:**
**Higher**

**Actual:**
**362 ft.**

CERS HAZ WASTE:
Name: AUTOFAB
Address: 10996 WOODSIDE AVE N
City,State,Zip: SANTEE, CA 92071
Site ID: 9747
CERS ID: 10376974
CERS Description: Hazardous Waste Generator

Name: C & H AUTO BODY & PAINT
Address: 10996 WOODSIDE AVE N STE A&B
City,State,Zip: SANTEE, CA 92071
Site ID: 100837
CERS ID: 10376866
CERS Description: Hazardous Waste Generator

EMI:
Name: C&H AUTO BODY & PAINT
Address: 10996 WOODSIDE AV N #A&B
City,State,Zip: SANTEE, CA 92071
Year: 1999
County Code: 37
Air Basin: SD
Facility ID: 5454
Air District Name: SD

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

| | |
|---|---|
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2000 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2001 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2002 |
| County Code: | 37 |

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

| | |
|---|---|
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2003 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2004 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.390308319 |
| Reactive Organic Gases Tons/Yr: | 0.359985 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

| | |
|---|---|
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2005 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .390308319 |
| Reactive Organic Gases Tons/Yr: | .359985 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2006 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.64 |
| Reactive Organic Gases Tons/Yr: | 1.55 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2007 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.64 |
| Reactive Organic Gases Tons/Yr: | 1.55 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2008 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.64 |
| Reactive Organic Gases Tons/Yr: | 1.55 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2009 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.6399999999999999 |
| Reactive Organic Gases Tons/Yr: | 1.55 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | C&H AUTO BODY & PAINT |
| Address: | 10996 WOODSIDE AV N #A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2010 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5454 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.6399999999999999 |
| Reactive Organic Gases Tons/Yr: | 1.55 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

CERS:
Name: C & H AUTO BODY & PAINT
Address: 10996 WOODSIDE AVE N STE A&B
City,State,Zip: SANTEE, CA 92071
Site ID: 100837
CERS ID: 10376866
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-22-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6296362
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-19-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4891063
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5784516
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: HOWARD TRAMPUS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: HOWARD TRAMPUS
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: HOWARD TRAMPUS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 562-7334,

Affiliation Type Desc: Property Owner
Entity Name: GALGUT BRIGITTE SEPARATE PROPER
Entity Title: Not reported
Affiliation Address: 3334 MILLIKIN AVE
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92122
Affiliation Phone: (619) 933-1183,

Affiliation Type Desc: Environmental Contact
Entity Name: HOWARD TRAMPUS
Entity Title: Not reported
Affiliation Address: 10996 N WODSIDE AV A&B
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10996 N WOODSIDE AV A&B
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071-2833
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: HOWARD TRAMPUS
Entity Title: Not reported
Affiliation Address: 10996 Woodside Ave N Ste A&B

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

| | |
|---|---|
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 562-7333, |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | C & H AUTO BODY & PAINT |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| Name: | AUTOFAB |
| Address: | 10996 WOODSIDE AVE N |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 9747 |
| CERS ID: | 10376974 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 9747 |
| Site Name: | AUTOFAB |
| Violation Date: | 10-15-2019 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 10/15/2019. Inspection Sequence ID:6290154 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| Site ID: | 9747 |
| Site Name: | AUTOFAB |
| Violation Date: | 10-15-2019 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Returned to compliance on 12/12/2019. Inspection Sequence ID:6290154 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| Site ID: | 9747 |
| Site Name: | AUTOFAB |
| Violation Date: | 10-17-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 10/24/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 9747
Site Name: AUTOFAB
Violation Date: 10-15-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/12/2019. Inspection Sequence ID:6290154
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Schiess Romina Inspection ID:4093888
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6290154
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5774190
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4953847
Eval Division: San Diego County Department of Env Health
Eval Program: HW

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6290154
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5774190
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4953847
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Schiess Romina Inspection ID:4093888
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 9747
Facility Name: AUTOFAB
Env Int Type Code: HWG
Program ID: 10376974
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.846890
Longitude: -116.957440

Affiliation:
Affiliation Type Desc: Operator
Entity Name: JOHN R EHMKE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

Affiliation Zip: Not reported
Affiliation Phone: (619) 562-1740,

Affiliation Type Desc: Environmental Contact
Entity Name: John Ehmke
Entity Title: Not reported
Affiliation Address: 10996 Woodside Ave N., #F
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: JOHN EHMKE
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10996 N WOODSIDE AVE #F
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: John Ehmke
Entity Title: Not reported
Affiliation Address: 10996 Woodside ave N ste F
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 562-1740,

Affiliation Type Desc: Parent Corporation
Entity Name: AUTOFAB
Entity Title: Not reported
Affiliation Address: Not reported

**C & H AUTO BODY & PAINT (Continued)** **1006826408**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

HWTS:

| | |
|---|---|
| Name: | AUTOFAB |
| Address: | 10996 WOODSIDE AVE N |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000000371 |
| Inactive Date: | 06/30/2020 |
| Create Date: | 11/14/1989 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 10996 WOODSIDE AVE N |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 920712838 |
| Owner Name: | JOHN EHMKE |
| Owner Address: | 10996 WOODSIDE AVE N |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SANTEE, CA 920712838 |
| Contact Name: | JOHN EHMKE |
| Contact Address: | 10996 WOODSIDE AVE N |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 920712838 |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.84683 |
| Longitude: | -116.95745 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000000371 |
| Create Date: | 2019-10-22 15:52:42.033 |
| NAICS Code: | 811111 |
| NAICS Description: | General Automotive Repair |
| Issued EPA ID Date: | 1989-11-14 00:00:00 |
| Inactive Date: | 2020-06-30 00:00:00 |
| Facility Name: | AUTOFAB |
| Facility Address: | 10996 WOODSIDE AVE N |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 920712838 |

**B3** **AM/PM PAINTING & FINISHING INC** **RCRA NonGen / NLR** **1026825569**
**West** **9435 WHEATLANDS CT STE E** **CAL000324752**
**< 1/8** **SANTEE, CA 92071**
**0.021 mi.**
**112 ft.** **Site 1 of 2 in cluster B**

**Relative:** **Lower**

**Actual:** **355 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20210825 |
| Handler Name: | AM/PM PAINTING & FINISHING INC |
| Handler Address: | 9435 WHEATLANDS CT STE E |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000324752 |
| Contact Name: | CONNIE MARTIN |
| Contact Address: | BERNITA RD |
| Contact City,State,Zip: | EL CAJON, CA 92020 |
| Contact Telephone: | 619-778-8839 |
| Contact Fax: | Not reported |
| Contact Email: | COURAGEOUSCOMIC@COX.NET |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Not a generator, verified |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Not reported |
| State District Owner: | Not reported |
| State District: | Not reported |
| Mailing Address: | BERNITA RD |
| Mailing City,State,Zip: | EL CAJON, CA 92020 |
| Owner Name: | AM/PM PAINTING & FINISHING INC |
| Owner Type: | Other |
| Operator Name: | AM/PM PAINTING & FINISHING INC |
| Operator Type: | Other |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |

**AM/PM PAINTING & FINISHING INC (Continued)** **1026825569**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210827 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: AM/PM PAINTING & FINISHING INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 998 BERNITA RD |
| Owner/Operator City,State,Zip: | EL CAJON, CA 92020 |
| Owner/Operator Telephone: | 619-778-8839 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: AM/PM PAINTING & FINISHING INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 998 BERNITA RD |
| Owner/Operator City,State,Zip: | EL CAJON, CA 92020 |
| Owner/Operator Telephone: | 619-778-8839 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**AM/PM PAINTING & FINISHING INC (Continued)** **1026825569**

Historic Generators:
Receive Date: 20210825
Handler Name: AM/PM PAINTING & FINISHING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**B4** **SUSPENSION DEVELOPMENT GROUP** **RCRA NonGen / NLR** **1025855596**
**West** **9435 WHEATLANDS CT** **CAC003035873**
**< 1/8** **SANTEE, CA 92071**
**0.021 mi.**
**112 ft.** **Site 2 of 2 in cluster B**

**Relative:** **Lower**
**Actual:** **355 ft.**

RCRA Listings:
Date Form Received by Agency: 20190926
Handler Name: SUSPENSION DEVELOPMENT GROUP
Handler Address: 9435 WHEATLANDS CT
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAC003035873
Contact Name: JASON DUNCAN
Contact Address: 9435 WHEATLANDS CT
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-988-1734
Contact Fax: Not reported
Contact Email: SDGSHOCKS@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 9435 WHEATLANDS CT
Mailing City,State,Zip: SANTEE, CA 92071
Owner Name: JASON DUNCAN
Owner Type: Other

**SUSPENSION DEVELOPMENT GROUP (Continued)** **1025855596**

| | |
|---|---|
| Operator Name: | JASON DUNCAN |
| Operator Type: | Other |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20190927 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

**SUSPENSION DEVELOPMENT GROUP (Continued)** **1025855596**

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JASON DUNCAN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9435 WHEATLANDS CT |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-988-1734 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JASON DUNCAN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9435 WHEATLANDS CT |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-988-1734 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20190926 |
| Handler Name: | SUSPENSION DEVELOPMENT GROUP |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 811111 |
| NAICS Description: | GENERAL AUTOMOTIVE REPAIR |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

**C5**
**SW**
**< 1/8**
**0.030 mi.**
**159 ft.**

**CALIBER COLLISION CENTERS**
**10910 WHEATLANDS AVE**
**SANTEE, CA 92071**

**Site 1 of 14 in cluster C**

**RCRA NonGen / NLR** | **1026828479** | **CAL000463473**

**Relative:**
**Higher**

**Actual:**
**359 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210618 |
| Handler Name: | CALIBER COLLISION CENTERS | |
| Handler Address: | | 10910 WHEATLANDS AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000463473 |
| Contact Name: | | SHARON LAWRENCE |
| Contact Address: | | 2941 LAKE VISTA DR |
| Contact City,State,Zip: | | LEWISVILLE, TX 75067 |
| Contact Telephone: | | 469-948-9500 |
| Contact Fax: | | 972-906-7214 |
| Contact Email: | | LICENSEANDPERMITS@CALIBERCOLLISION.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 2941 LAKE VISTA DR |
| Mailing City,State,Zip: | | LEWISVILLE, TX 75067 |
| Owner Name: | CALIBER BODYWORKS INC | |
| Owner Type: | | Other |
| Operator Name: | SHARON LAWRENCE | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**CALIBER COLLISION CENTERS (Continued)** **1026828479**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210618 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: SHARON LAWRENCE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 2941 LAKE VISTA DR |
| Owner/Operator City,State,Zip: | LEWISVILLE, TX 75067 |
| Owner/Operator Telephone: | 469-948-9500 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CALIBER BODYWORKS INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 2941 LAKE VISTA DR |
| Owner/Operator City,State,Zip: | LEWISVILLE, TX 75067 |
| Owner/Operator Telephone: | 469-948-9500 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**CALIBER COLLISION CENTERS (Continued)** **1026828479**

Historic Generators:
Receive Date: 20210618
Handler Name: CALIBER COLLISION CENTERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**C6** **CALIBER COLLISION CENTER - SANTEE** **San Diego Co. HMMD** **S104745416**
**SW** **10910 WHEATLANDS AVE** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **HAZNET**
**0.030 mi.** **CERS**
**159 ft.** **Site 2 of 14 in cluster C** **HWTS**

**Relative: Higher**
**Actual: 359 ft.**

HMMD SAN DIEGO:
Name: CALIBER COLLISION CENTER - SANTEE
Address: 10910 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000463473
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 469-948-9500
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 05/21/2022
Facility Owner: Not reported
Facility Mailing Address: 2941 Lake Vista, Lewisville, TX 75067
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102100 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4113322 |
| Return To Compliance Date: | 2015-01-27T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-21T00:00:00.000 |
| Inspection Date: | 2015-01-27T00:00:00.000 |
| Violation Code: | 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c) |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102100 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6054928 |
| Return To Compliance Date: | 2018-12-21T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-21T00:00:00.000 |
| Inspection Date: | 2018-12-03T17:37:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102100 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5596200 |
| Return To Compliance Date: | 2017-02-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-21T00:00:00.000 |
| Inspection Date: | 2016-11-30T16:56:00.000 |
| Violation Code: | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102100 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4113322 |
| Return To Compliance Date: | 2015-01-27T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-21T00:00:00.000 |
| Inspection Date: | 2015-01-27T00:00:00.000 |
| Violation Code: | 1010002 Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet; HSC 6.95 25508(a)1A |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102100 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6054928 |
| Return To Compliance Date: | 2018-12-21T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-21T00:00:00.000 |
| Inspection Date: | 2018-12-03T17:37:00.000 |
| Violation Code: | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2022-HWAST-0290618 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2022-05-21T02:30:58.000 |
| Chemical Name: | Waste Bondo Dust |
| Common Name: | Waste Bondo Dust |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2022-HWAST-0290619 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2022-05-21T02:30:58.000 |
| Chemical Name: | Waste Aerosol Cans |

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Common Name: Waste Aerosol Cans
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0290620
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Waste Paint Cups & Liners
Common Name: Waste Paint Cups & Liners
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0290621
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Waste Absorbent
Common Name: Waste Absorbent
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143213
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-07-11T02:30:48.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0143214
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-07-11T02:30:48.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0121938
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-07-11T02:30:48.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED HYDRAULIC OIL, EDM
Case Number: Not reported

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HWAST-0121939 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2018-07-11T02:30:48.000 |
| Chemical Name: | Not reported |
| Common Name: | MACHINE COOLANT WASTE |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0121580 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2016-12-02T00:33:59.000 |
| Chemical Name: | PROPANE |
| Common Name: | PROPANE |
| Case Number: | 74-98-6 |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0121581 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2016-12-02T00:33:59.000 |
| Chemical Name: | ARGON GAS |
| Common Name: | ARGON GAS |
| Case Number: | 7440-37-1 |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0121582 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2016-12-02T00:33:59.000 |
| Chemical Name: | Argon Liquid |
| Common Name: | Argon Liquid |
| Case Number: | 7440-37-1 |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HWAST-0101682 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2016-12-02T00:34:00.000 |
| Chemical Name: | WASTE 221 WASTE OIL & MIXED OIL |
| Common Name: | USED HYDRAULIC OIL, EDM |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102100 |
| Permit Status: | Permit Renewed |

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Active Permit: Y
Child Record Id: DEH2016-HWAST-0101683
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-12-02T00:34:00.000
Chemical Name: Not reported
Common Name: MACHINE COOLANT WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0323449
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Water Based Paint
Common Name: Water Based Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0323450
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Solvent Based Paint & Thinners
Common Name: Solvent Based Paint & Thinners
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0290614
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Waste Water Based Paint
Common Name: Waste Water Based Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0290615
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0290616

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Waste Antifreeze
Common Name: Waste Antifreeze
Case Number: Not reported

Record ID: DEH2002-HUPFP-102100
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0290617
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-21T02:30:58.000
Chemical Name: Waste Solvent Based Paint & Thinners
Common Name: Waste Solvent Based Paint & Thinners
Case Number: Not reported

Name: OLSON IRRIGATION SYSTEMS
Address: 10910 WHEATLANDS AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 102100
Business Type: 6HK77
EPA Id Number: CAL000036718
APN: 381-540-09-00
Last HMMD Inspection: 10/10/2011
Facility Telephone: 619-562-3100
Permit Status: OPEN
Permit Expiration: 07/31/2013
Date Last Updated: 11/02/2012
Facility Owner: DONALD OLSON
Facility Mailing Address: 10910 WHEATLANDS AV
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-2867
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 102100
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 102100
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: OIL, LUBRICATING

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Other Information: DTE HYDRAULIC, EDM
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 102100
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 102100
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED HYDROLIC OIL, EMD, OILY WATER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 102100
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: WASTE NAPTHA SOLVENT CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 102100
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: SIX FILTERS PER YEAR
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 102100
Update Date: 11/02/2012
Inspection Date: 02/05/2009
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector’s review. 25505(e)
Activity: ACTIVE

Permit Number: 102100
Update Date: 11/02/2012
Inspection Date: 02/05/2009
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

| | |
|---|---|
| Activity: | ACTIVE |
| Permit Number: | 102100 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/05/2009 |
| Violation Code: | 6HV0133 |
| Violation: | MANIFEST COPY NOT SENT TO DTSC |
| Violation Citation: | Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4) |
| Activity: | ACTIVE |
| Permit Number: | 102100 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/05/2009 |
| Violation Code: | 6HV0225 |
| Violation: | ACCUMULATED HW>180 OR >270 DAYS |
| Violation Citation: | Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste] |
| Activity: | ACTIVE |
| Permit Number: | 102100 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/05/2009 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| Permit Number: | 102100 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 10/10/2011 |
| Violation Code: | 6HV0304 |
| Violation: | WASTE DETERMINATION NOT MADE |
| Violation Citation: | Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c) |
| Activity: | ACTIVE |
| Permit Number: | 102100 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 10/10/2011 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| Permit Number: | 102100 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/12/2003 |
| Violation Code: | 6HV0135 |
| Violation: | MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT |
| Violation Citation: | Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3) |
| Activity: | ACTIVE |

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Permit Number: 102100
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

CERS HAZ WASTE:
Name: CALIBER COLLISION CENTER - SANTEE
Address: 10910 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 576642
CERS ID: 10376776
CERS Description: Hazardous Waste Generator

HAZNET:
No Details: No Details

CERS:
Name: CALIBER COLLISION CENTER - SANTEE
Address: 10910 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 576642
CERS ID: 10376776
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 576642
Site Name: Caliber Collision Center - Santee
Violation Date: 01-27-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/27/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 576642
Site Name: Caliber Collision Center - Santee
Violation Date: 11-30-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/02/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Site ID: 576642
Site Name: Caliber Collision Center - Santee
Violation Date: 12-03-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 12/21/2018. Inspection Sequence ID:6054928
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 576642
Site Name: Caliber Collision Center - Santee
Violation Date: 01-27-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 01/27/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 576642
Site Name: Caliber Collision Center - Santee
Violation Date: 12-03-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/21/2018. Inspection Sequence ID:6054928
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4113322
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5596200
Eval Division: San Diego County Department of Env Health

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6054928
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4113322
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6054928
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5596200
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 576642
Facility Name: Caliber Collision Center - Santee
Env Int Type Code: HMBP
Program ID: 10376776
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.847020
Longitude: -116.960360

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Caliber Bodyworks Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (469) 948-9500, |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Olson Family Trust & Baldwin Family Trust |
| Entity Title: | Not reported |
| Affiliation Address: | 7934 Pasadena Avenue |
| Affiliation City: | La Mesa |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 997-7934, |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Khurram Kazmi |
| Entity Title: | Not reported |
| Affiliation Address: | 7871 Cherry Ave |
| Affiliation City: | Fontana |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92336 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2941 Lake Vista |
| Affiliation City: | Lewisville |
| Affiliation State: | TX |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 75067 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Caliber Bodyworks, Inc. dba Caliber Collision Centers |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Ali Kahl |
| Entity Title: | Not reported |

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Lisa Fishtrom |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Caliber Bodyworks LLC |
| Entity Title: | Not reported |
| Affiliation Address: | 2941 Lake Vista |
| Affiliation City: | Lewisville |
| Affiliation State: | TX |
| Affiliation Country: | United States |
| Affiliation Zip: | 75067 |
| Affiliation Phone: | (469) 948-9500, |

HWTS:

| | |
|---|---|
| Name: | CALIBER COLLISION CENTERS |
| Address: | 10910 WHEATLANDS AVE |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000463473 |
| Inactive Date: | Not reported |
| Create Date: | 06/18/2021 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 2941 LAKE VISTA DR |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | LEWISVILLE, TX 750670000 |
| Owner Name: | CALIBER COLIISION BODYWORKS LLC |
| Owner Address: | 2941 LAKE VISTA DR |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | LEWISVILLE, TX 750670000 |
| Contact Name: | SHARON LAWRENCE |
| Contact Address: | 2941 LAKE VISTA DR |
| Contact Address 2: | Not reported |
| City,State,Zip: | LEWISVILLE, TX 75067 |
| Facility Status: | Active |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.84702299 |
| Longitude: | -116.960356 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000463473 |

**CALIBER COLLISION CENTER - SANTEE (Continued)** **S104745416**

| | |
|---|---|
| Create Date: | 2021-06-18 08:20:05.903 |
| NAICS Code: | 811121 |
| NAICS Description: | Automotive Body, Paint, and Interior Repair and Maintenance |
| Issued EPA ID Date: | 2021-06-18 08:20:05.90300 |
| Inactive Date: | Not reported |
| Facility Name: | CALIBER COLLISION CENTERS |
| Facility Address: | 10910 WHEATLANDS AVE |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 92071 |

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**C7** **OLSON IRRIGATION SYSTEMS** **RCRA NonGen / NLR** **1024787740**
**SW** **10910 WHEATLANDS AVE** **CAL000036718**
**< 1/8** **SANTEE, CA 92071**
**0.030 mi.**
**159 ft.** **Site 3 of 14 in cluster C**

**Relative:** **Higher**
**Actual:** **359 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19900801 |
| Handler Name: | OLSON IRRIGATION SYSTEMS | |
| Handler Address: | | 10910 WHEATLANDS AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071-0000 |
| EPA ID: | | CAL000036718 |
| Contact Name: | | ROXANNE SAMPLE |
| Contact Address: | | 10910 WHEATLANDS AVE |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-3100 |
| Contact Fax: | | 619-562-2724 |
| Contact Email: | | RS@OLSONIRRIGATION.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | PO BOX 711570 |
| Mailing City,State,Zip: | | SANTEE, CA 92072 |
| Owner Name: | OLSON IRRIGATION SYSTEMS | |
| Owner Type: | | Other |
| Operator Name: | ROXANNE SAMPLE | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |

**OLSON IRRIGATION SYSTEMS (Continued)** **1024787740**

| | |
|---|---|
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: OLSON IRRIGATION SYSTEMS | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10910 WHEATLANDS AVE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2867 |
| Owner/Operator Telephone: | 619-562-3100 |
| Owner/Operator Telephone Ext: | Not reported |

**OLSON IRRIGATION SYSTEMS (Continued)** **1024787740**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ROXANNE SAMPLE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10910 WHEATLANDS AVE
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-562-3100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19900801
Handler Name: OLSON IRRIGATION SYSTEMS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 339999
NAICS Description: ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**C8** **MIRAGE RACING PRODUCTS** **San Diego Co. HMMD** **S112927628**
**SSW** **10928 WHEATLANDS AV #B** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **HAZNET**
**0.030 mi.** **NPDES**
**160 ft.** **Site 4 of 14 in cluster C** **CERS**
**HWTS**

**Relative: Higher**

**Actual: 360 ft.**

HMMD SAN DIEGO:
Name: AGILE OFF ROAD
Address: 10928 WHEATLANDS AVE B
City,State,Zip: SANTEE, CA 92071-7123
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000436462
APN: Not reported
Last HMMD Inspection: Not reported

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Facility Telephone: | 619/328-1297 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 07/30/2021 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 10928 WHEATLANDS AV #B, SANTEE, CA 92071 |
| Facility Mailing City: | Not reported |
| Facility Mailing State: | Not reported |
| Facility Mailing Zip: | Not reported |
| UST Owner: | N |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | N |
| Generate Medical Waste: | Not reported |

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 4085567 |
| Return To Compliance Date: | 2015-09-16T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2015-07-09T00:00:00.000 |
| Violation Code: | 3110001 RCRA: Failure to obtain and/or maintain an Active EPA ID. 22 CCR 12 66262.12. |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4085567 |
| Return To Compliance Date: | 2015-09-16T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2015-07-09T00:00:00.000 |
| Violation Code: | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Inspection Number: | 5695230 |
| Return To Compliance Date: | 2017-08-23T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2017-06-20T16:50:00.000 |
| Violation Code: | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Status Verification |
| Inspection Number: | 5957162 |
| Return To Compliance Date: | 2018-05-31T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2018-05-08T15:20:00.000 |
| Violation Code: | HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907 |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6334239 |
| Return To Compliance Date: | 2021-05-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2021-05-13T00:00:00.000 |
| Violation Code: | 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b) |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6334239 |
| Return To Compliance Date: | 2021-06-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2021-05-13T00:00:00.000 |
| Violation Code: | 3030010 Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34 (b), 66262.34(d); 40 CFR 262.34(e) and/or (f) |
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4085567 |
| Return To Compliance Date: | 2015-09-16T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2015-07-09T00:00:00.000 |
| Violation Code: | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4085567 |
| Return To Compliance Date: | 2015-09-16T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2015-07-09T00:00:00.000 |
| Violation Code: | 1010003 Business Activities and/or Business Owner/Operator Identification not completed in CERS. 19 CCR 2729.2(a)(1); HSC 25404(e)(4) |
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-207427 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6334239 |
| Return To Compliance Date: | 2021-06-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-07-30T00:00:00.000 |
| Inspection Date: | 2021-05-13T00:00:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HCHEM-0182853 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2019-06-25T02:34:48.000 |
| Chemical Name: | Oxygen |
| Common Name: | Oxygen Gas |
| Case Number: | 7782-44-7 |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HWAST-0156959 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2019-06-25T02:34:48.000 |
| Chemical Name: | Waste Oil |
| Common Name: | Waste Oil |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HWAST-0156960 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2019-06-25T02:34:48.000 |
| Chemical Name: | Parts Washer Waste |
| Common Name: | Parts Washer Waste |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2015-HCHEM-0078146 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2016-11-15T02:31:46.000 |
| Chemical Name: | ARGON GAS/CARBON DIOXIDE |
| Common Name: | MIG MIX/STEEL MIX |
| Case Number: | 7440-37-1 |

| | |
|---|---|
| Record ID: | DEH2006-HUPFP-207427 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2015-HCHEM-0078147 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2016-11-15T02:31:46.000 |
| Chemical Name: | OXYGEN GAS |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0078148
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-11-15T02:31:46.000
Chemical Name: ACETYLENE GAS
Common Name: ACETYLENE GAS
Case Number: 74-86-2

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0061172
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-11-15T02:31:46.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER-FILTERS
Case Number: Not reported

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299138
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-30T02:33:32.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299139
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-30T02:33:32.000
Chemical Name: Propane
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0299140
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-07-30T02:33:32.000
Chemical Name: Hydrogen/Carbon monoxide
Common Name: Hydrogen/Carbon Monoxide
Case Number: 1333-74-0

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266782
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-30T02:33:32.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0266783
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-30T02:33:32.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258612
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-21T02:31:59.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229567
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-21T02:31:59.000
Chemical Name: Parts Washer Waste
Common Name: Parts Washer Waste
Case Number: Not reported

Record ID: DEH2006-HUPFP-207427
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229568
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-21T02:31:59.000
Chemical Name: Waste Oil
Common Name: Waste Oil
Case Number: Not reported

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

CERS HAZ WASTE:
Name: MIRAGE RACING PRODUCTS
Address: 10928 WHEATLANDS AV #B
City,State,Zip: SANTEE, CA 92071
Site ID: 49351
CERS ID: 10377169
CERS Description: Hazardous Waste Generator

HAZNET:
Name: BERNIE SANTOS
Address: 10928 WHEATLANDS AVE
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
Contact: BERNIE SANTOS
Telephone: 6195611151
Mailing Name: Not reported
Mailing Address: 10928 WHEATLANDS AVE

Year: 2003
Gepaid: CAC002561381
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: R01 - Recycler
Tons: 1.05

Year: 2003
Gepaid: CAC002561381
TSD EPA ID: CAD008252405
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H01 - Transfer Station
Tons: 0.0025

Year: 2003
Gepaid: CAC002561381
TSD EPA ID: CAD008252405
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 0.51

Year: 2003
Gepaid: CAC002561381
TSD EPA ID: CAT080013352
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: R01 - Recycler
Tons: 3.135

Additional Info:
Year: 2003
Gen EPA ID: CAC002561381

Shipment Date: 20030331
Creation Date: 8/5/2003 18:31:37
Receipt Date: 20030414
Manifest ID: 22459811
Trans EPA ID: CAD028277036

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.0025 |
| Waste Quantity: | 5 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030331 |
| Creation Date: | 8/5/2003 18:31:37 |
| Receipt Date: | 20030414 |
| Manifest ID: | 22459811 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.51 |
| Waste Quantity: | 150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030331 |
| Creation Date: | 8/5/2003 18:30:51 |
| Receipt Date: | 20030410 |
| Manifest ID: | 22459812 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030331 |
| Creation Date: | 8/5/2003 18:30:51 |
| Receipt Date: | 20030410 |
| Manifest ID: | 22459812 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1 |
| Waste Quantity: | 2000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030327 |
| Creation Date: | 7/13/2003 18:31:11 |
| Receipt Date: | 20030401 |
| Manifest ID: | 22459841 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 3.135 |
| Waste Quantity: | 950 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

NPDES:

| | |
|---|---|
| Name: | AGILE PERFORMANCE |
| Address: | 10928 WHEATLANDS AVE SUITE B |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 9 37NNA000559 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | No Action Required |
| Status Date: | 10/13/2020 |
| Operator Name: | Agile Performance |
| Operator Address: | 10928 Wheatlands Ave |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |

CERS:

| | |
|---|---|
| Name: | MIRAGE RACING PRODUCTS |
| Address: | 10928 WHEATLANDS AV #B |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 49351 |
| CERS ID: | 10377169 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 07-09-2015 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 09/16/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 05-13-2021 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 06/02/2021. Inspection Sequence ID:6334239 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 06-20-2017 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 08/23/2017. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 07-09-2015 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 09/16/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 05-13-2021 |
| Citation: | HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1) |
| Violation Description: | Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. |
| Violation Notes: | Returned to compliance on 06/02/2021. Inspection Sequence ID:6334239 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 05-13-2021 |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 05/13/2021. Inspection Sequence ID:6334239 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 05-08-2018 |
| Citation: | HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple |
| Violation Description: | Business Plan Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 05/31/2018. Inspection Sequence ID:5957162;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 49351 |
| Site Name: | MIRAGE RACING PRODUCTS |
| Violation Date: | 07-09-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 09/16/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 05-08-2018 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Inspector: Griffin Donelle Inspection ID:5957162 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-13-2021 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6334239 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-09-2015 |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:4085567 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-13-2021 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6334239 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-20-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5695230 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| Eval General Type: | Other/Unknown |
| Eval Date: | 05-08-2018 |
| Violations Found: | Yes |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Inspector: Griffin Donelle Inspection ID:5957162 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-20-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5695230 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-09-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:4085567 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Agile Performance Inc DBA Agile Off Road |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (858) 395-7253, |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | John Brindell |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 10928 Wheatlands Ave Suite B |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | John C Brindell |
| Entity Title: | Not reported |
| Affiliation Address: | 10928 WHEATLANDS AV #B |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 328-1297, |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | John Brindell |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Environmental Contact |

**MIRAGE RACING PRODUCTS (Continued)** **S112927628**

| | |
|---|---|
| Entity Name: | JESUS HERNANDEZ |
| Entity Title: | Not reported |
| Affiliation Address: | 10928 WHEATLANDS AV #B |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | John Brindell |
| Entity Title: | CEO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

HWTS:

| | |
|---|---|
| Name: | BERNIE SANTOS |
| Address: | 10928 WHEATLANDS AVE |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAC002561381 |
| Inactive Date: | 07/31/2003 |
| Create Date: | 01/31/2003 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 10928 WHEATLANDS AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 92071 |
| Owner Name: | BERNIE SANTOS |
| Owner Address: | 10928 WHEATLANDS AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SANTEE, CA 92071 |
| Contact Name: | BERNIE SANTOS |
| Contact Address: | 10928 WHEATLANDS AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Inactive |
| Facility Type: | TEMPORARY |
| Category: | STATE |
| Latitude: | 32.846597 |
| Longitude: | -116.959331 |

---

**C9** **AGILE OFF ROAD** **RCRA NonGen / NLR** **1024867863**
**SSW** **10928 WHEATLAND AVE STE B** **CAL000436462**
**< 1/8** **SANTEE, CA 92071**
**0.030 mi.**
**160 ft.** **Site 5 of 14 in cluster C**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20180523 |
| Handler Name: | AGILE OFF ROAD | |
| Handler Address: | | 10928 WHEATLAND AVE STE B |

**AGILE OFF ROAD (Continued)** **1024867863**

| | | |
|---|---|---|
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000436462 |
| Contact Name: | | JOHN C BRINDELL |
| Contact Address: | | 10928 WHEATLAND AVE STE B |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 916-328-1297 |
| Contact Fax: | | Not reported |
| Contact Email: | | JOHN_BRINDELL@AGILEOFFROAD.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10928 WHEATLAND AVE STE B |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | JOHN C BRINDELL | |
| Owner Type: | | Other |
| Operator Name: | JOHN C BRINDELL | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |

**AGILE OFF ROAD (Continued)** **1024867863**

| | |
|---|---|
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180907 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JOHN C BRINDELL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10928 WHEATLAND AVE STE B |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 916-328-1297 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JOHN C BRINDELL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10928 WHEATLAND AVE STE B |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-328-1297 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20180523 |
| Handler Name: AGILE OFF ROAD | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |

**AGILE OFF ROAD (Continued)** **1024867863**

| | |
|---|---|
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 811111 |
| NAICS Description: | GENERAL AUTOMOTIVE REPAIR |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

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**C10** **YORK MANUFACTURING, INC** **RCRA-SQG** **1008194355**
**SSW** **10928 WHEATLANDS AVE** **CAC002561381**
**< 1/8** **SANTEE, CA 92071**
**0.030 mi.**
**160 ft.** **Site 6 of 14 in cluster C**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20040127 |
| Handler Name: | YORK MANUFACTURING, INC | |
| Handler Address: | | 10928 WHEATLANDS AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC002561381 |
| Contact Name: | | BERNIE A SANTOS |
| Contact Address: | | Not reported |
| Contact City,State,Zip: | | Not reported |
| Contact Telephone: | | 619-561-1151 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 11415 EUCALYPTUS HILLS DR |
| Mailing City,State,Zip: | | LAKESIDE, CA 92040 |
| Owner Name: | BERNIE SANTOS | |
| Owner Type: | | Private |
| Operator Name: | YORK MANUFACTURING, INC | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |

**YORK MANUFACTURING, INC (Continued)** **1008194355**

| | |
|---|---|
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20060905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

**YORK MANUFACTURING, INC (Continued)** **1008194355**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BERNIE SANTOS
Legal Status: Private
Date Became Current: 19901213
Date Ended Current: Not reported
Owner/Operator Address: 11415 EUCALYPTUS HILLS DR
Owner/Operator City,State,Zip: LAKESIDE, CA 92040
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BERNIE SANTOS
Legal Status: Private
Date Became Current: 19901213
Date Ended Current: Not reported
Owner/Operator Address: 11415 EUCALYPTUS HILLS DR
Owner/Operator City,State,Zip: LAKESIDE, CA 92040
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: YORK MANUFACTURING, INC
Legal Status: Private
Date Became Current: 19901201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: YORK MANUFACTURING, INC
Legal Status: Private
Date Became Current: 19901201
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040127
Handler Name: YORK MANUFACTURING, INC

**YORK MANUFACTURING, INC (Continued)** **1008194355**

| | |
|---|---|
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20040127 |
| Handler Name: | YORK MANUFACTURING, INC |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 332322 |
| NAICS Description: | SHEET METAL WORK MANUFACTURING |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

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**D11** **DS FIBERTECH CORPORATION** **RCRA NonGen / NLR** **1024832579**
**East** **11015 MISSON PARK PL** **CAL000370764**
**< 1/8** **SANTEE, CA 92071**
**0.032 mi.**
**170 ft.** **Site 1 of 2 in cluster D**

**Relative:** **Higher**
**Actual:** **359 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20120113 |
| Handler Name: | DS FIBERTECH CORPORATION |
| Handler Address: | 11015 MISSON PARK PL |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000370764 |
| Contact Name: | MINH NGUYEN |
| Contact Address: | 11015 MISSION PARK CT |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-562-7001 |
| Contact Fax: | 619-562-0074 |
| Contact Email: | MINH@DSFIBERTECH.COM |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |

**DS FIBERTECH CORPORATION (Continued)** **1024832579**

| | | |
|---|---|---|
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 11015 MISSION PARK CT |
| Mailing City,State,Zip: | | SANTEE, CA 92071-0000 |
| Owner Name: | DS FIBERTECH CORP | |
| Owner Type: | | Other |
| Operator Name: | MINH NGUYEN | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |

**DS FIBERTECH CORPORATION (Continued)** **1024832579**

| | |
|---|---|
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180906 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: DS FIBERTECH CORP | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11015 MISSION PARK CT |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-0000 |
| Owner/Operator Telephone: | 619-562-7001 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MINH NGUYEN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11015 MISSION PARK CT |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-7001 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20120113 |
| Handler Name: DS FIBERTECH CORPORATION | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 333994 |
| NAICS Description: | INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING |

**DS FIBERTECH CORPORATION (Continued)** **1024832579**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**D12** **WHITTAKER CORP** **RCRA-SQG** **1000421648**
**East** **11015 MISSION PARK ST** **FINDS** **CAD981369630**
**< 1/8** **SANTEE, CA 92071** **ECHO**
**0.032 mi.**
**170 ft.** **Site 2 of 2 in cluster D**

**Relative:** **Higher**
**Actual:** **359 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19960901 |
| Handler Name: | WHITTAKER CORP | |
| Handler Address: | | 11015 MISSION PARK ST |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD981369630 |
| Contact Name: | | Not reported |
| Contact Address: | | Not reported |
| Contact City,State,Zip: | | Not reported |
| Contact Telephone: | | Not reported |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 5159 BALTIMORE DR |
| Mailing City,State,Zip: | | LA MESA, CA 92041 |
| Owner Name: | Not reported | |
| Owner Type: | | Not reported |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |

**WHITTAKER CORP (Continued)** **1000421648**

| | |
|---|---|
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: WHITTAKER CORP | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |

**WHITTAKER CORP (Continued)** **1000421648**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: WHITTAKER CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860124
Handler Name: WHITTAKER CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002683301

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

**WHITTAKER CORP (Continued)** **1000421648**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000421648 |
| Registry ID: | 110002683301 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002683301 |
| Name: | WHITTAKER CORP |
| Address: | 11015 MISSION PARK ST |
| City,State,Zip: | SANTEE, CA 92071 |

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**A13** **C & H AUTO BODY** **RCRA-LQG** **1000116437**
**SE** **10996 NORTH WOODSIDE** **CAD981572860**
**< 1/8** **SANTEE, CA 92071**
**0.037 mi.**
**196 ft.** **Site 3 of 4 in cluster A**

**Relative:** **Higher**
**Actual:** **363 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19860926 |
| Handler Name: | C & H AUTO BODY | |
| Handler Address: | | 10996 NORTH WOODSIDE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD981572860 |
| Contact Name: | | ENVIRONMENTAL MANAGER |
| Contact Address: | | 10996 NORTH WOODSIDE |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-7334 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Other |
| Federal Waste Generator Description: | | Large Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 10996 NORTH WOODSIDE |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | TRAMPUS HOWARD | |
| Owner Type: | | Private |
| Operator Name: | Not reported | |
| Operator Type: | | Not reported |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |

**C & H AUTO BODY (Continued)** **1000116437**

| | |
|---|---|
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: TRAMPUS HOWARD | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |

**C & H AUTO BODY (Continued)** **1000116437**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19860926
Handler Name: C & H AUTO BODY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**E14**
**South**
**< 1/8**
**0.038 mi.**
**200 ft.**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

**COMPUTER INTEGRATED MACHINING, INC.**
**10940 WHEATLANDS AVE**
**SANTEE, CA 92071**

**Site 1 of 3 in cluster E**

**San Diego Co. HMMD** **S120714691**
**CERS HAZ WASTE** **N/A**
**HAZNET**
**CIWQS**
**CERS**
**HWTS**

HMMD SAN DIEGO:
Name: COMPUTER INTEGRATED MACHINING, INC.
Address: 10940 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92071-2857
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000425494
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-596-9246
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 05/04/2022
Facility Owner: Not reported
Facility Mailing Address: 10940 Wheatlands Ave., Santee, CA 92071
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003424
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6885403
Return To Compliance Date: 2022-03-21T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-04T01:17:06.000
Inspection Date: 2022-03-21T00:00:00.000
Violation Code: 3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003424
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6885403
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-04T01:17:06.000
Inspection Date: 2022-03-21T00:00:00.000
Violation Code: HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003424
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Initial Inspection
Inspection Number: 5691151
Return To Compliance Date: 2017-04-18T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-04T01:17:06.000
Inspection Date: 2017-02-16T15:24:00.000
Violation Code: 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)

Record ID: DEH2017-HUPFP-003424

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003424
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6885403
Return To Compliance Date: 2022-03-21T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-04T01:17:06.000
Inspection Date: 2022-03-21T00:00:00.000
Violation Code: 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003424
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6885403
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-04T01:17:06.000
Inspection Date: 2022-03-21T00:00:00.000
Violation Code: HMD0000 HAZARDOUS MATERIALS REQUIREMENTS

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-003424
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6885403
Return To Compliance Date: 2022-04-11T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-04T01:17:06.000
Inspection Date: 2022-03-21T00:00:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Waste and Materials:
Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0140177
Trade Secret: N

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

Hazardous Material Type: Pure
Last Updated: 2017-07-28T02:30:47.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0118681
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-07-28T02:30:47.000
Chemical Name: waste 221 Qual-chem extreme cut 250C/water
Common Name: Qual-chem extreme cut 250C/water
Case Number: Not reported

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0324384
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-05-04T01:17:06.000
Chemical Name: Liquefied Petroleum Gas (lpg)
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0324385
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-05-04T01:17:06.000
Chemical Name: Ethylene Glycol
Common Name: Coolant
Case Number: 107-21-1

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0185397
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-08T19:11:57.000
Chemical Name: waste 221 Qual-chem extreme cut 250C/water
Common Name: Waste coolant
Case Number: Not reported

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0291607
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-04T01:17:06.000

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

Chemical Name: waste 221 Qual-chem extreme cut 250C/water
Common Name: Waste coolant
Case Number: Not reported

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0215244
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-08T19:11:57.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0215245
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-08T19:11:57.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol
Case Number: 107-21-1

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0189665
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-08-14T02:32:17.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2017-HUPFP-003424
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0164218
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-08-14T02:32:17.000
Chemical Name: waste 221 Qual-chem extreme cut 250C/water
Common Name: Qual-chem extreme cut 250C/water
Case Number: Not reported

CERS HAZ WASTE:
Name: COMPUTER INTEGRATED MACHINING, INC.
Address: 10940 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 418238
CERS ID: 10726690
CERS Description: Hazardous Waste Generator

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

HAZNET:

| | |
|---|---|
| Name: | COMPUTER INTEGRATED MACHINING INC |
| Address: | 10940 WHEATLANDS AVE |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Contact: | MICHAEL J. BROWN |
| Telephone: | 6195969246 |
| Mailing Name: | Not reported |
| Mailing Address: | 10940 WHEATLANDS AVE |
| Year: | 2021 |
| Gepaid: | CAL000425494 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 4.17014 |
| Year: | 2020 |
| Gepaid: | CAL000425494 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 2.08507 |
| Year: | 2017 |
| Gepaid: | CAL000425494 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 2.2935 |

Additional Info:

| | |
|---|---|
| Year: | 2017 |
| Gen EPA ID: | CAL000425494 |
| Shipment Date: | 20170914 |
| Creation Date: | 5/30/2018 18:34:06 |
| Receipt Date: | 20170920 |
| Manifest ID: | 017361621JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 2.2935 |

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

| | |
|---|---|
| Waste Quantity: | 550 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | COMPUTER INTEGRATED MACHINING INC |
| Address: | 10940 WHEATLANDS AVE |
| City,State,Zip: | SANTEE, CA 92701 |
| Agency: | Computer Integrated Machining Inc |
| Agency Address: | 10940 Wheatlands Ave, Santee, CA 92701 |
| Place/Project Type: | Industrial - Miscellaneous Structural Metal Work |
| SIC/NAICS: | 3449(+) |
| Region: | 9 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 9 37NEC008979 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 04/06/2021 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 32.84697 |
| Longitude: | -116.95892 |

CERS:

| | |
|---|---|
| Name: | COMPUTER INTEGRATED MACHINING, INC. |
| Address: | 10940 WHEATLANDS AVE |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 418238 |
| CERS ID: | 10726690 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 418238 |
| Site Name: | Computer Integrated Machining, Inc. |
| Violation Date: | 02-16-2017 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 04/18/2017. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

Violation Source: CERS,

Site ID: 418238
Site Name: Computer Integrated Machining, Inc.
Violation Date: 03-21-2022
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Inspection Sequence ID:6885403
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 418238
Site Name: Computer Integrated Machining, Inc.
Violation Date: 03-21-2022
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/21/2022. Inspection Sequence ID:6885403
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 418238
Site Name: Computer Integrated Machining, Inc.
Violation Date: 03-21-2022
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/21/2022. Inspection Sequence ID:6885403
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5691151
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2022
Violations Found: Yes

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6885403
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6112744
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6112744
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5691151
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6885403
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 418238
Facility Name: Computer Integrated Machining, Inc.
Env Int Type Code: HMBP
Program ID: 10726690
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.846680
Longitude: -116.959570

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

| | |
|---|---|
| Affiliation Address: | 10940 Wheatlands Avenue |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Mike Brown |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | MICHAEL BROWN |
| Entity Title: | Not reported |
| Affiliation Address: | 10940 Wheatlands Avenue |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 596-9246, |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Computer Integrated Machining, Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Tracey Pruitt |
| Entity Title: | Not reported |
| Affiliation Address: | 10940 Wheatlands Avenue |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

Affiliation Type Desc: Document Preparer
Entity Name: Alexandra Aguon
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Computer Integrated Machining, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 596-9246,

Name: COMPUTER INTEGRATED MACHINING INC
Address: 10940 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92701
Site ID: 580728
CERS ID: 892024
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Computer Integrated Machining Inc
Entity Title: Operator
Affiliation Address: 10940 Wheatlands Ave
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92701
Affiliation Phone: ,

HWTS:
Name: COMPUTER INTEGRATED MACHINING INC
Address: 10940 WHEATLANDS AVE
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000425494
Inactive Date: Not reported
Create Date: 03/08/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 10940 WHEATLANDS AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTEE, CA 920710000
Owner Name: MICHAEL J BROWN
Owner Address: 4894 GARFIELD STREET
Owner Address 2: Not reported
Owner City,State,Zip: SANTEE, CA 92071

**COMPUTER INTEGRATED MACHINING, INC. (Continued)** **S120714691**

| | |
|---|---|
| Contact Name: | MICHAEL J. BROWN |
| Contact Address: | 10940 WHEATLANDS AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Active |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.847021 |
| Longitude: | -116.959077 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000425494 |
| Create Date: | 2017-03-08 14:36:40.183 |
| NAICS Code: | 336399 |
| NAICS Description: | All Other Motor Vehicle Parts Manufacturing |
| Issued EPA ID Date: | 2017-03-08 14:36:40.13700 |
| Inactive Date: | Not reported |
| Facility Name: | COMPUTER INTEGRATED MACHINING INC |
| Facility Address: | 10940 WHEATLANDS AVE |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 92071 |

---

**E15** **COMPUTER INTEGRATED MACHINING INC** **RCRA NonGen / NLR** **1024858884**
**South** **10940 WHEATLANDS AVE** **CAL000425494**
**< 1/8** **SANTEE, CA 92071**
**0.038 mi.**
**200 ft.** **Site 2 of 3 in cluster E**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20170308 |
| Handler Name: | COMPUTER INTEGRATED MACHINING INC | |
| Handler Address: | | 10940 WHEATLANDS AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000425494 |
| Contact Name: | | MICHAEL J. BROWN |
| Contact Address: | | 10940 WHEATLANDS AVE |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-596-9246 |
| Contact Fax: | | Not reported |
| Contact Email: | | ACCOUNTING@CIMSD.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10940 WHEATLANDS AVE |
| Mailing City,State,Zip: | | SANTEE, CA 92071-0000 |
| Owner Name: | MICHAEL J BROWN | |
| Owner Type: | | Other |

**COMPUTER INTEGRATED MACHINING INC (Continued)** **1024858884**

| | |
|---|---|
| Operator Name: | MICHAEL J. BROWN |
| Operator Type: | Other |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20181220 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

**COMPUTER INTEGRATED MACHINING INC (Continued)** **1024858884**

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MICHAEL J. BROWN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10940 WHEATLANDS AVE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-596-9246 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: MICHAEL J BROWN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 7261 OCOTILLO STREET |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-665-7158 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20170308 |
| Handler Name: | COMPUTER INTEGRATED MACHINING INC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 56299 |
| NAICS Description: | ALL OTHER WASTE MANAGEMENT SERVICES |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

**C16**
**SW**
**< 1/8**
**0.038 mi.**
**200 ft.**

**CCM ENT**
**10848 WHEATLANDS AVE**
**SANTEE, CA 92071**

**Site 7 of 14 in cluster C**

**SWEEPS UST** **S106447282**
**WDS** **N/A**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | CUSTOM MARBLE NT0131 |
| Address: | 10848 WHEATLANDS AVE |
| City: | SANTEE |
| Status: | Active |
| Comp Number: | 20835 |
| Number: | 9 |
| Board Of Equalization: | 44-023345 |
| Referral Date: | Not reported |
| Action Date: | 06-26-92 |
| Created Date: | 02-29-88 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 37-000-020835-000001 |
| Tank Status: | A |
| Capacity: | 4000 |
| Active Date: | Not reported |
| Tank Use: | CHEMICAL |
| STG: | P |
| Content: | Not reported |
| Number Of Tanks: | 3 |

| | |
|---|---|
| Name: | CUSTOM MARBLE NT0131 |
| Address: | 10848 WHEATLANDS AVE |
| City: | SANTEE |
| Status: | Active |
| Comp Number: | 20835 |
| Number: | 9 |
| Board Of Equalization: | 44-023345 |
| Referral Date: | Not reported |
| Action Date: | 06-26-92 |
| Created Date: | 02-29-88 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 37-000-020835-000002 |
| Tank Status: | A |
| Capacity: | 4000 |
| Active Date: | Not reported |
| Tank Use: | CHEMICAL |
| STG: | P |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

| | |
|---|---|
| Name: | CUSTOM MARBLE NT0131 |
| Address: | 10848 WHEATLANDS AVE |
| City: | SANTEE |
| Status: | Active |
| Comp Number: | 20835 |
| Number: | 9 |
| Board Of Equalization: | 44-023345 |
| Referral Date: | Not reported |
| Action Date: | 06-26-92 |
| Created Date: | 02-29-88 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 37-000-020835-000003 |

**CCM ENT (Continued)** **S106447282**

| | |
|---|---|
| Tank Status: | A |
| Capacity: | 4000 |
| Active Date: | Not reported |
| Tank Use: | CHEMICAL |
| STG: | P |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

WDS:

| | |
|---|---|
| Name: | CCM ENT |
| Address: | 10848 Wheatlands Ave |
| City: | SANTEE |
| Facility ID: | San Diego 37I018540 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 9 |
| Facility Telephone: | 6195622605 |
| Facility Contact: | Cody Nosko |
| Agency Name: | CCM ENT |
| Agency Address: | 10848 Wheatlands Ave |
| Agency City,St,Zip: | Santee 92071 |
| Agency Contact: | Cody Nosko |
| Agency Telephone: | 6195622605 |
| Agency Type: | Private |
| SIC Code: | 3089 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

**C17** **CALIFORNIA CRAFTED MARBLE, INC.** **RCRA NonGen / NLR** **1024829850**
**SW** **10848 WHEATLANDS AVE** **CAL000363924**
**< 1/8** **SANTEE, CA 92071**
**0.038 mi.**
**200 ft.** **Site 8 of 14 in cluster C**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20110524 |
| Handler Name: | CALIFORNIA CRAFTED MARBLE, INC. |
| Handler Address: | 10848 WHEATLANDS AVE |
| Handler City,State,Zip: | SANTEE, CA 92071-2855 |
| EPA ID: | CAL000363924 |
| Contact Name: | VIRGINIA JAGGI |
| Contact Address: | 9366 ABRAHAM WAY |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-504-3805 |
| Contact Fax: | 619-562-5218 |
| Contact Email: | VIRGINIAJ@CALCRAFTEDMARBLE.COM |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Not a generator, verified |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | Not reported |
| State District: | Not reported |
| Mailing Address: | 10848 WHEATLANDS AVE |
| Mailing City,State,Zip: | SANTEE, CA 92071-2855 |
| Owner Name: | CALIFORNIA CRAFTED MARBLE |
| Owner Type: | Other |
| Operator Name: | VIRGINIA JAGGI |
| Operator Type: | Other |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |

**CALIFORNIA CRAFTED MARBLE, INC. (Continued)** **1024829850**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CALIFORNIA CRAFTED MARBLE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10848 WHEATLANDS AVE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2855 |
| Owner/Operator Telephone: | 619-562-2605 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: VIRGINIA JAGGI | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9366 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-504-3805 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**CALIFORNIA CRAFTED MARBLE, INC. (Continued)** **1024829850**

Historic Generators:
Receive Date: 20110524
Handler Name: CALIFORNIA CRAFTED MARBLE, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11331
NAICS Description: LOGGING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**C18** **CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES)** **UST** **1006093808**
**SW** **10848 WHEATLANDS AV** **San Diego Co. HMMD** **N/A**
**< 1/8** **SANTEE, CA 92071** **ICIS**
**0.038 mi.** **FTTS**
**200 ft.** **Site 9 of 14 in cluster C** **HIST FTTS**
**US AIRS**
**Relative: Higher** **FINDS**

**Actual: 356 ft.**

UST:
Name: CUSTOM CRAFT MARBLE
Address: 10848 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92071
Facility ID: H20835
Permitting Agency: SAN DIEGO COUNTY
CERSID: Not reported
Latitude: 32.8483339
Longitude: -116.959791

HMMD SAN DIEGO:
Name: CUSTOM CRAFT MARBLE
Address: 10848 WHEATLANDS AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 120835
Business Type: 6HK77
EPA Id Number: CAL921743437
APN: 381-540-06-00
Last HMMD Inspection: 07/22/2003
Facility Telephone: 619-562-2605
Permit Status: CHNG
Permit Expiration: 06/30/2003

**CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES) (Continued)** **1006093808**

| | |
|---|---|
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | BILL HANVEY CUSTOM MARBLE |
| Facility Mailing Address: | 10848 WHEATLANDS AV |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-2855 |
| UST Owner: | BILL HANVEY |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Y |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

UST:

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 120835 T001 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 120835 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | 1 MR-7132-19 ONYX |
| Capacity Gallons: | 4000 |
| UST Contents: | OTHER |
| Other Content Info: | MR-7132-19 ONYX |
| Reg Status: | CLOSED |
| Remove Close Date: | Not reported |
| Year Installed: | 1984-04-01 00:00:00 |
| Pipe Type: | LINED TRENCH |
| Delivery System: | SUCTION |
| Monitor Code: | 21 |
| UST Monitor Method: | DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 120835 T002 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 120835 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | 2 11090 D RESIN |
| Capacity Gallons: | 4000 |
| UST Contents: | OTHER |
| Other Content Info: | 11090 D RESIN |
| Reg Status: | CLOSED |
| Remove Close Date: | Not reported |
| Year Installed: | 1984-04-01 00:00:00 |
| Pipe Type: | LINED TRENCH |
| Delivery System: | SUCTION |
| Monitor Code: | 21 |
| UST Monitor Method: | DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 120835 T003 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 120835 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | 3 MR 11120 RESIN MARBLE |
| Capacity Gallons: | 4000 |
| UST Contents: | OTHER |
| Other Content Info: | MR 11120 RESIN MARBLE |
| Reg Status: | CLOSED |

**CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES) (Continued)** **1006093808**

Remove Close Date: Not reported
Year Installed: 1984-04-01 00:00:00
Pipe Type: LINED TRENCH
Delivery System: SUCTION
Monitor Code: 21
UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL.

ICIS:
Enforcement Action ID: 09-1995-0008
FRS ID: 110002413656
Action Name: CUSTOM CRAFT MARBLE, INC.
Facility Name: CUSTOM CRAFT MARBLE
Facility Address: 10848 WHEATLANDS AV
SANTEE, CA 92071
Enforcement Action Type: EPCRA 325 Action For Penalty
Facility County: SAN DIEGO
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 325
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.846648
Longitude in Decimal Degrees: -116.960083
Permit Type Desc: Not reported
Program System Acronym: 2427
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

**CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES) (Continued)** **1006093808**

SIC Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Address: 10848 WHEATLANDS AV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FTTS:
Case Number: Not reported
Docket Number: EPCRA09-94-0001
Complaint Issue Date: 01/10/94
Abatement Amount: 0.0000
Proposed Penalty: 38915.0000
Final Assessment: 2000.0000
Final Order Date: 01/23/95
Close Date: / /
Violations(s): EPCRA, Nonreporting/Failure to RPT to EPA

FTTS INSP:
Inspection Number: 199203129003 1
Region: 09
Inspection Date: 03/12/92
Inspector: BD
Violation occurred: No
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 199203129003 1
Region: 09

**CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES) (Continued)** **1006093808**

Inspection Date: Not reported
Inspector: BD
Violation occurred: No
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: User

US AIRS MINOR:
Envid: 1006093808
Region Code: 09
Programmatic ID: AIR CASDS000060736282A
Facility Registry ID: 110002413656
D and B Number: Not reported
Primary SIC Code: 2519
NAICS Code: 337125
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 09
Programmatic ID: AIR CASDS000060736282A
Facility Registry ID: 110002413656
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS000060736282A
Facility Registry ID: 110002413656
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-03-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS000060736282A
Facility Registry ID: 110002413656
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

**CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES) (Continued)** **1006093808**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS000060736282A
Facility Registry ID: 110002413656
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-03-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS000060736282A
Facility Registry ID: 110002413656
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS000060736282A
Facility Registry ID: 110002413656
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110002413656

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans

**CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES) (Continued)** **1006093808**

to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RISK AND TECHNOLOGY REVIEW
HAZARDOUS AIR POLLUTANT MAJOR
OSHA ESTABLISHMENT
STATE MASTER
AIR MINOR
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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**C19** **ARW INC DBA ADVANCE FINISHING** **RCRA-SQG** **1001122842**
**SSW** **10911 WHEATLANDS DR** **FINDS** **CAR000016808**
**< 1/8** **SANTEE, CA 92071** **ECHO**
**0.043 mi.** **HAZNET**
**228 ft.** **Site 10 of 14 in cluster C** **HWTS**

**Relative:** **Higher**
**Actual:** **358 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 19961210 |
| Handler Name: | ARW INC DBA ADVANCE FINISHING |
| Handler Address: | 10911 WHEATLANDS DR |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAR000016808 |
| Contact Name: | JIMMY SIRMON |
| Contact Address: | 10911 WHEATLANDS DR |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-562-6311 |
| Contact Fax: | Not reported |
| Contact Email: | Not reported |
| Contact Title: | Not reported |
| EPA Region: | 09 |

**ARW INC DBA ADVANCE FINISHING (Continued)** **1001122842**

| | | |
|---|---|---|
| Land Type: | | Private |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | WHEATLANDS DR |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | ARW INC DBA ADVANCED FINISHING | |
| Owner Type: | | Private |
| Operator Name: | Not reported | |
| Operator Type: | | Not reported |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |

**ARW INC DBA ADVANCE FINISHING (Continued)** **1001122842**

| | |
|---|---|
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20000915 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | ARW INC DBA ADVANCED FINISHING |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10911 WHEATLANDS DR |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-6311 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19961210 |
| Handler Name: | ARW INC DBA ADVANCE FINISHING |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Codes: | No NAICS Codes Found |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

FINDS:

| | |
|---|---|
| Registry ID: | 110002915329 |

**ARW INC DBA ADVANCE FINISHING (Continued)** **1001122842**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1001122842 |
| Registry ID: | 110002915329 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002915329 |
| Name: | ARW INC DBA ADVANCE FINISHING |
| Address: | 10911 WHEATLANDS DR |
| City,State,Zip: | SANTEE, CA 92071 |

HAZNET:

| | |
|---|---|
| Name: | ARW INC DBA ADVANCE FINISHING |
| Address: | 10911 WHEATLANDS DR |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 920710000 |
| Contact: | WARREN MOORE/PRES |
| Telephone: | 6195626311 |
| Mailing Name: | Not reported |
| Mailing Address: | 1000 W BRADLEY STE P |
| | |
| Year: | 1998 |
| Gepaid: | CAR000016808 |
| TSD EPA ID: | CAD008252405 |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| Disposal Method: | R01 - Recycler |
| Tons: | 2.772 |
| | |
| Year: | 1997 |
| Gepaid: | CAR000016808 |
| TSD EPA ID: | CAD000088252 |
| CA Waste Code: | 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc) |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 3.7 |
| | |
| Year: | 1997 |
| Gepaid: | CAR000016808 |
| TSD EPA ID: | CAD000088252 |
| CA Waste Code: | 792 - Liquids with pH <= 2 with metals |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.688 |

Additional Info:

| | |
|---|---|
| Year: | 1998 |

**ARW INC DBA ADVANCE FINISHING (Continued)** **1001122842**

| | |
|---|---|
| Gen EPA ID: | CAR000016808 |
| Shipment Date: | 19980507 |
| Creation Date: | 8/3/1998 0:00:00 |
| Receipt Date: | 19980515 |
| Manifest ID: | 98339277 |
| Trans EPA ID: | CAD982403198 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | F002 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 2.772 |
| Waste Quantity: | 770 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1997 |
| Gen EPA ID: | CAR000016808 |
| Shipment Date: | 19970714 |
| Creation Date: | 12/4/1997 0:00:00 |
| Receipt Date: | 19970714 |
| Manifest ID: | 96806315 |
| Trans EPA ID: | CAL931024038 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.9 |
| Waste Quantity: | 1800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19970527 |
| Creation Date: | 9/12/1997 0:00:00 |

**ARW INC DBA ADVANCE FINISHING (Continued)** **1001122842**

| | |
|---|---|
| Receipt Date: | 19970528 |
| Manifest ID: | 96403147 |
| Trans EPA ID: | CAL931024038 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 2.1 |
| Waste Quantity: | 4200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970416 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970417 |
| Manifest ID: | 96403119 |
| Trans EPA ID: | CAL931024038 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.7 |
| Waste Quantity: | 1400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970416 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970417 |
| Manifest ID: | 96403123 |
| Trans EPA ID: | CAL931024038 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |

**ARW INC DBA ADVANCE FINISHING (Continued)** **1001122842**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 792 - Not reported |
| RCRA Code: | D002 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.688 |
| Waste Quantity: | 165 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | ARW INC DBA ADVANCE FINISHING |
| Address: | 10911 WHEATLANDS DR |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAR000016808 |
| Inactive Date: | 06/30/1999 |
| Create Date: | 06/19/1997 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 1000 W BRADLEY STE P |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | EL CAJON, CA 920205629 |
| Owner Name: | ARW INC DBA ADVANCED FINISHING |
| Owner Address: | 1000 W BRADLEY STE P |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | EL CAJON, CA 920205629 |
| Contact Name: | WARREN MOORE/PRES |
| Contact Address: | INACTIVE PER VQ99 - BMI |
| Contact Address 2: | Not reported |
| City,State,Zip: | EL CAJON, CA 920200000 |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | FEDERAL |
| Latitude: | 32.84665 |
| Longitude: | -116.959656 |

---

**20** **HANSON MACHINE** **San Diego Co. HMMD** **S106064563**
**SSE** **10969 WHEATLANDS AV** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **CERS**
**0.049 mi.**
**259 ft.**

**Relative:**
**Higher**

**Actual:**
**362 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | HANSON MACHINE |
| Address: | 10969 WHEATLANDS AV |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 135415 |
| Business Type: | 6HK18 |
| EPA Id Number: | Not reported |
| APN: | 381-540-13-00 |
| Last HMMD Inspection: | 04/19/1995 |

**HANSON MACHINE (Continued)** **S106064563**

| | |
|---|---|
| Facility Telephone: | 619-449-7837 |
| Permit Status: | INAC |
| Permit Expiration: | 04/19/1995 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | DALE HANSON |
| Facility Mailing Address: | 10969 WHEATLANDS AV #B |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071- |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

CERS HAZ WASTE:

| | |
|---|---|
| Name: | NUTS TO GO RACING |
| Address: | 10969 WHEATLANDS AVE STE B |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 378070 |
| CERS ID: | 10690219 |
| CERS Description: | Hazardous Waste Generator |

CERS:

| | |
|---|---|
| Name: | NUTS TO GO RACING |
| Address: | 10969 WHEATLANDS AVE STE B |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 378070 |
| CERS ID: | 10690219 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | Inspection Sequence ID:6459595;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple |
| Violation Description: | Business Plan Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 12/21/2016. Inspection Sequence ID:5611470;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |

**HANSON MACHINE (Continued)** **S106064563**

| | |
|---|---|
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple |
| Violation Description: | Business Plan Program - Administration/Documentation - General |
| Violation Notes: | Inspection Sequence ID:6459595;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | 40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35 |
| Violation Description: | Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes. |
| Violation Notes: | Inspection Sequence ID:6459595 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | Inspection Sequence ID:6459595;Violation:HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| Violation Division: | San Diego County Department of Env Health |

**HANSON MACHINE (Continued)** **S106064563**

| | |
|---|---|
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173 |
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Inspection Sequence ID:6459595 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

**HANSON MACHINE (Continued)** **S106064563**

| | |
|---|---|
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 12/21/2016. Inspection Sequence ID:5611470;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Inspection Sequence ID:6459595 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |

**HANSON MACHINE (Continued)** **S106064563**

| | |
|---|---|
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 07/08/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-14-2016 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Inspection Sequence ID:6459595 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-07-2018 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Returned to compliance on 03/25/2020. Inspection Sequence ID:5927145 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 378070 |
| Site Name: | Nuts To Go Racing |
| Violation Date: | 06-08-2021 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter |

**HANSON MACHINE (Continued)** **S106064563**

6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Inspection Sequence ID:6459595
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 378070
Site Name: Nuts To Go Racing
Violation Date: 06-14-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/18/2016. Inspection Sequence ID:5611470
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zahra Alaaeddine Inspection ID:5927145
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5611470
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zahra Alaaeddine Inspection ID:5927145
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6459595
Eval Division: San Diego County Department of Env Health

**HANSON MACHINE (Continued)** **S106064563**

| | |
|---|---|
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-08-2021 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6459595 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-14-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5611470 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | joe salas |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Joe Salas |
| Entity Title: | Not reported |
| Affiliation Address: | 10969 Wheatlands Ave Ste B |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| Affiliation Type Desc: | Operator |
| Entity Name: | Joe Salas |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**HANSON MACHINE (Continued)** **S106064563**

| | |
|---|---|
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 449-2758, |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 10969 Wheatlands Ave Ste B |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Joe Salas |
| Entity Title: | Not reported |
| Affiliation Address: | 10969 Wheatlands Ave Ste B |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 449-2758, |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Nuts To Go Racing |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

---

**A21** **ALTECH MACHINING INC** **San Diego Co. HMMD** **S104397379**
**ESE** **11000 N WOODSIDE AVE** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **CERS**
**0.053 mi.**
**282 ft.** **Site 4 of 4 in cluster A**

**Relative:** **Higher**

**Actual:** **363 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | ALTECH MACHINING INC |
| Address: | 11000 N WOODSIDE AVE |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | Not reported |
| Business Type: | Not reported |
| EPA Id Number: | CAL000045408 |
| APN: | Not reported |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 619-448-3392 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 05/18/2022 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 11000 N WOODSIDE AV, SANTEE, CA 92071-2832 |
| Facility Mailing City: | Not reported |

**ALTECH MACHINING INC (Continued)** **S104397379**

Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Waste and Materials:
Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0216487
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-23T01:35:39.000
Chemical Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Common Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186680
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:35:40.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: OIL CONTAMINATED ABSORBAN
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186681
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:35:40.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: GRINDING MACHINES
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0186682
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:35:40.000
Chemical Name: WASTE 213 HYDROCARBON SOLVENTS
Common Name: TWO SOLVENT TANKS
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y

**ALTECH MACHINING INC (Continued)** **S104397379**

Child Record Id: DEH2019-HWAST-0186683
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-23T01:35:40.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0061822
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-11-30T02:33:13.000
Chemical Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Common Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0046517
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-11-30T02:33:13.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: OIL CONTAMINATED ABSORBAN
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0046518
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-11-30T02:33:13.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: GRINDING MACHINES
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0046519
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-11-30T02:33:13.000
Chemical Name: WASTE 213 HYDROCARBON SOLVENTS
Common Name: TWO SOLVENT TANKS
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0046520
Trade Secret: N

**ALTECH MACHINING INC (Continued)** **S104397379**

Hazardous Material Type: Not reported
Last Updated: 2016-11-30T02:33:13.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0150961
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T02:33:59.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: OIL CONTAMINATED ABSORBAN
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0329631
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-05-18T00:34:51.000
Chemical Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Common Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0296232
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T00:34:52.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: OIL CONTAMINATED ABSORBAN
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0296233
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T00:34:52.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: GRINDING MACHINES SLUDGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0296234
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T00:34:52.000

**ALTECH MACHINING INC (Continued)** **S104397379**

Chemical Name: WASTE 213 HYDROCARBON SOLVENTS
Common Name: TWO SOLVENT TANKS
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0296235
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-18T00:34:52.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0176165
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-11-21T02:33:59.000
Chemical Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Common Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0150962
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T02:33:59.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: GRINDING MACHINES
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0150963
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T02:33:59.000
Chemical Name: WASTE 213 HYDROCARBON SOLVENTS
Common Name: TWO SOLVENT TANKS
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0150964
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-21T02:33:59.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL

**ALTECH MACHINING INC (Continued)** **S104397379**

Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0189540
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-27T02:40:09.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138248
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-11-29T02:35:14.000
Chemical Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Common Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116946
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-11-29T02:35:14.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: OIL CONTAMINATED ABSORBAN
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116947
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-11-29T02:35:14.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: GRINDING MACHINES
Case Number: Not reported

Record ID: DEH2002-HUPFP-102118
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0116948
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-11-29T02:35:14.000
Chemical Name: WASTE 213 HYDROCARBON SOLVENTS
Common Name: TWO SOLVENT TANKS
Case Number: Not reported

**ALTECH MACHINING INC (Continued)** **S104397379**

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HWAST-0116949 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2017-11-29T02:35:14.000 |
| Chemical Name: | WASTE 221 WASTE OIL & MIXED OIL |
| Common Name: | WASTE 221 WASTE OIL & MIXED OIL |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HCHEM-0219782 |
| Trade Secret: | N |
| Hazardous Material Type: | Mixture |
| Last Updated: | 2019-11-27T02:40:09.000 |
| Chemical Name: | OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL |
| Common Name: | OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL |
| Case Number: | 8002-05-9 |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0189537 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2019-11-27T02:40:09.000 |
| Chemical Name: | WASTE 352 ORGANIC SOLIDS (OTHER) |
| Common Name: | OIL CONTAMINATED ABSORBAN |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0189538 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2019-11-27T02:40:09.000 |
| Chemical Name: | WASTE 171 METAL SLUDGE |
| Common Name: | GRINDING MACHINES SLUDGE |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0189539 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2019-11-27T02:40:09.000 |
| Chemical Name: | WASTE 213 HYDROCARBON SOLVENTS |
| Common Name: | TWO SOLVENT TANKS |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |

**ALTECH MACHINING INC (Continued)** **S104397379**

| | |
|---|---|
| Active Permit: | Y |
| Child Record Id: | DEH2020-HCHEM-0261765 |
| Trade Secret: | N |
| Hazardous Material Type: | Mixture |
| Last Updated: | 2021-11-17T03:31:06.000 |
| Chemical Name: | OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL |
| Common Name: | OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL |
| Case Number: | 8002-05-9 |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0232822 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-11-17T03:31:06.000 |
| Chemical Name: | WASTE 352 ORGANIC SOLIDS (OTHER) |
| Common Name: | OIL CONTAMINATED ABSORBAN |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0232823 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-11-17T03:31:06.000 |
| Chemical Name: | WASTE 171 METAL SLUDGE |
| Common Name: | GRINDING MACHINES SLUDGE |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0232824 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-11-17T03:31:06.000 |
| Chemical Name: | WASTE 213 HYDROCARBON SOLVENTS |
| Common Name: | TWO SOLVENT TANKS |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102118 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0232825 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-11-17T03:31:06.000 |
| Chemical Name: | WASTE 221 WASTE OIL & MIXED OIL |
| Common Name: | WASTE 221 WASTE OIL & MIXED OIL |
| Case Number: | Not reported |

| | |
|---|---|
| Name: | ALTECH MACHINING INC |
| Address: | 11000 N WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 92071 |

**ALTECH MACHINING INC (Continued)** **S104397379**

Permit Number: 102118
Business Type: 6HK35
EPA Id Number: CAL000045408
APN: 381-540-13-00
Last HMMD Inspection: 02/13/2012
Facility Telephone: 619-448-3392
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: ALTECH MACHINING INC
Facility Mailing Address: 11000 N WOODSIDE AV
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-2832
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 102118
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: OIL; CUTTING, VARIOUS KINDS TONNA V-68/TRIM SOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 102118
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: GRINDING MACHINES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 102118
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: TWO SOLVENT TANKS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 102118
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

**ALTECH MACHINING INC (Continued)** **S104397379**

Permit Number: 102118
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: OIL CONTAMINATED ABSORBAN
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 102118
Update Date: 11/02/2012
Inspection Date: 08/05/2003
Violation Code: 6HV1605
Violation: NO DAILY TANK INSPECTION/LOG
Violation Citation: Failed to inspect and/or document daily HW tank system inspections. 66265.195 ( c)
Activity: ACTIVE

CERS HAZ WASTE:
Name: ALTECH MACHINING INC
Address: 11000 N WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 91324
CERS ID: 10376863
CERS Description: Hazardous Waste Onsite Treatment

Name: ALTECH MACHINING INC
Address: 11000 N WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 91324
CERS ID: 10376863
CERS Description: Hazardous Waste Generator

CERS:
Name: ALTECH MACHINING INC
Address: 11000 N WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 91324
CERS ID: 10376863
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6124938
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2017
Violations Found: No

**ALTECH MACHINING INC (Continued)** **S104397379**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5646050
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5646050
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4089480
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6124938
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5646050
Eval Division: San Diego County Department of Env Health
Eval Program: CE
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4089480
Eval Division: San Diego County Department of Env Health
Eval Program: CE
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4089480
Eval Division: San Diego County Department of Env Health

**ALTECH MACHINING INC (Continued)** **S104397379**

Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: MICHAEL W. DUFFORD
Entity Title: Not reported
Affiliation Address: 1022 KHISH LANE
Affiliation City: ALPINE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91901
Affiliation Phone: (619) 659-6097,

Affiliation Type Desc: Document Preparer
Entity Name: Michael W. Dufford
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Michael W Dufford
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: ALTECH MACHINING INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: ALAN & KAREN NEPHEW
Entity Title: Not reported
Affiliation Address: 11775 HIRIDGE ROAD
Affiliation City: LAKESIDE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92040
Affiliation Phone: (619) 823-4549,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported

**ALTECH MACHINING INC (Continued)** **S104397379**

| | |
|---|---|
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | MIKE DUFFORD |
| Entity Title: | Not reported |
| Affiliation Address: | 11000 N WOODSIDE AV |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 11000 N WOODSIDE AV |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071-2832 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Michael W. Dufford |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | ALTECH MACHINING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 448-3392, |

**22**
**SE**
**< 1/8**
**0.054 mi.**
**286 ft.**

**SANTEE APARTMENTS**
**11071 WOODSIDE AVE #1**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1026165352**
**CAC003065370**

**Relative:**
**Higher**

**Actual:**
**368 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20200504 |
| Handler Name: | SANTEE APARTMENTS | |
| Handler Address: | | 11071 WOODSIDE AVE #1 |
| Handler City,State,Zip: | | SANTEE, CA 92071-3263 |
| EPA ID: | | CAC003065370 |
| Contact Name: | | SANTEE APARTMENTS |
| Contact Address: | | 11085 WOODSIDE AVE |
| Contact City,State,Zip: | | SANTEE, CA 92071-3281 |
| Contact Telephone: | | 619-449-9091 |
| Contact Fax: | | Not reported |
| Contact Email: | | ALLIER@CVECORP.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 11085 WOODSIDE AVE |
| Mailing City,State,Zip: | | SANTEE, CA 92071-3281 |
| Owner Name: | SANTEE APARTMENTS | |
| Owner Type: | | Other |
| Operator Name: | SANTEE APARTMENTS | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**SANTEE APARTMENTS (Continued)** **1026165352**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200515 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: SANTEE APARTMENTS | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11085 WOODSIDE AVE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-3281 |
| Owner/Operator Telephone: | 619-449-9091 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: SANTEE APARTMENTS | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11085 WOODSIDE AVE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-3281 |
| Owner/Operator Telephone: | 619-449-9091 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**SANTEE APARTMENTS (Continued)** **1026165352**

Historic Generators:
Receive Date: 20200504
Handler Name: SANTEE APARTMENTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**C23** **L & S PRECISION CUTTER SERVICE** **San Diego Co. HMMD** **S106063142**
**SSW** **10925 WHEATLANDS AVE** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **CERS**
**0.055 mi.**
**291 ft.** **Site 11 of 14 in cluster C**

**Relative:** **Higher**
**Actual:** **359 ft.**

HMMD SAN DIEGO:
Name: BROOKLYN & SYPHER
Address: 10925 WHEATLANDS AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 130195
Business Type: Not reported
EPA Id Number: CAL000012915
APN: 381-540-14-00
Last HMMD Inspection: 07/13/1989
Facility Telephone: 619-448-6664
Permit Status: INAC
Permit Expiration: 07/13/1989
Date Last Updated: 11/02/2012
Facility Owner: JOHN & TRACEY BROOKL
Facility Mailing Address: 10925 WHEATLANDS AV #K
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-5605
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

**L & S PRECISION CUTTER SERVICE (Continued)** **S106063142**

CERS HAZ WASTE:
- Name: L & S PRECISION CUTTER SERVICE
- Address: 10925 WHEATLANDS AVE
- City,State,Zip: SANTEE, CA 92071
- Site ID: 128544
- CERS ID: 10377166
- CERS Description: Hazardous Waste Generator

CERS:
- Name: L & S PRECISION CUTTER SERVICE
- Address: 10925 WHEATLANDS AVE
- City,State,Zip: SANTEE, CA 92071
- Site ID: 128544
- CERS ID: 10377166
- CERS Description: Chemical Storage Facilities

Evaluation:
- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 08-22-2017
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: Inspector: Kieu Bridget Inspection ID:5742156
- Eval Division: San Diego County Department of Env Health
- Eval Program: HW
- Eval Source: CERS,

- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 09-17-2019
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: Inspector: Denslow Vikki Inspection ID:6245415
- Eval Division: San Diego County Department of Env Health
- Eval Program: HW
- Eval Source: CERS,

- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 09-18-2015
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: Inspector: Kieu Bridget Inspection ID:4181084
- Eval Division: San Diego County Department of Env Health
- Eval Program: HW
- Eval Source: CERS,

Coordinates:
- Site ID: 128544
- Facility Name: L & S PRECISION CUTTER SERVICE
- Env Int Type Code: HWG
- Program ID: 10377166
- Coord Name: Not reported
- Ref Point Type Desc: Center of a facility or station.,
- Latitude: 32.846180
- Longitude: -116.959850

Affiliation:
- Affiliation Type Desc: Legal Owner

**L & S PRECISION CUTTER SERVICE (Continued)** **S106063142**

| | |
|---|---|
| Entity Name: | Steven Rice |
| Entity Title: | Not reported |
| Affiliation Address: | 10925 Wheatlands Ave., Ste. O |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 448-7611, |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 10925 WHEATLANDS AV #O |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L & S PRECISION CUTTER SERVICE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Kevin Rice |
| Entity Title: | Not reported |
| Affiliation Address: | 10925 Wheatlands Ave., Ste. O |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | STEVEN J RICE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**L & S PRECISION CUTTER SERVICE (Continued)** **S106063142**

Affiliation Phone: (619) 448-7611,

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**C24** **VINCENT X-RAY COMPANY** **RCRA NonGen / NLR** **1000168893**
**SSW** **10925 WHEATLANDS AVE SUITE F** **FINDS** **CAD982368888**
**< 1/8** **SANTEE, CA 92071** **ECHO**
**0.055 mi.**
**291 ft.** **Site 12 of 14 in cluster C**

**Relative:** **Higher**

**Actual:** **359 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19880411 |
| Handler Name: | VINCENT X-RAY COMPANY | |
| Handler Address: | | 10925 WHEATLANDS AVE SUITE F |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD982368888 |
| Contact Name: | | ENVIRONMENTAL MANAGER |
| Contact Address: | | 10925 WHEATLANDS AVE SUITE F |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-561-6302 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Other |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 12722 LAKESHORE DR SUITE F |
| Mailing City,State,Zip: | | LAKESIDE, CA 92040 |
| Owner Name: | VINCENT A PORCO | |
| Owner Type: | | Private |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | Yes |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |

**VINCENT X-RAY COMPANY (Continued)** **1000168893**

| | |
|---|---|
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: VINCENT A PORCO | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |

**VINCENT X-RAY COMPANY (Continued)** **1000168893**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19880411
Handler Name: VINCENT X-RAY COMPANY
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002801709

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000168893
Registry ID: 110002801709
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002801709
Name: VINCENT X-RAY COMPANY
Address: 10925 WHEATLANDS AVE SUITE F
City,State,Zip: SANTEE, CA 92071

**C25** **L&S PRECISION CUTTER SERVICE** **RCRA NonGen / NLR** **1024817879**
**SSW** **10925 WHEATLANDS AVE STE O** **CAL000322962**
**< 1/8** **SANTEE, CA 92071**
**0.055 mi.**
**291 ft.** **Site 13 of 14 in cluster C**

**Relative:**
**Higher**

**Actual:**
**359 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210728 |
| Handler Name: | L&S PRECISION CUTTER SERVICE | |
| Handler Address: | | 10925 WHEATLANDS AVE STE O |
| Handler City,State,Zip: | | SANTEE, CA 92071-5606 |
| EPA ID: | | CAL000322962 |
| Contact Name: | | STEVE RICE |
| Contact Address: | | 10925 WHEATLANDS AVE STE O |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-448-7611 |
| Contact Fax: | | 619-448-1313 |
| Contact Email: | | LSCUTTERSERVICE@AOL.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10925 WHEATLANDS AVE STE O |
| Mailing City,State,Zip: | | SANTEE, CA 92071-5606 |
| Owner Name: | Not reported | |
| Owner Type: | | Not reported |
| Operator Name: | STEVE RICE | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**L&S PRECISION CUTTER SERVICE (Continued)** **1024817879**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210730 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: STEVE RICE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10925 WHEATLANDS AVE STE O |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-5606 |
| Owner/Operator Telephone: | 619-448-7611 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: STEVE RICE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10925 WHEATLANDS AVE STE O |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-448-7611 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**L&S PRECISION CUTTER SERVICE (Continued)** **1024817879**

Owner/Operator Indicator: Operator
Owner/Operator Name: STEVE RICE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10925 WHEATLANDS AVE STE O
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-448-7611
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20070801
Handler Name: L&S PRECISION CUTTER SERVICE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210728
Handler Name: L&S PRECISION CUTTER SERVICE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**C26**
**SSW**
**< 1/8**
**0.055 mi.**
**291 ft.**

**TOOL DEPOT**
**10925 WHEATLANDS AVE**
**SANTEE, CA 92071**

**Site 14 of 14 in cluster C**

**RCRA-SQG** **1010561999** **CAR000185587**

**Relative:**
**Higher**

**Actual:**
**359 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20070702 |
| Handler Name: | TOOL DEPOT | |
| Handler Address: | | 10925 WHEATLANDS AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAR000185587 |
| Contact Name: | | BOB L WELTE |
| Contact Address: | | 3799 GAINES ST |
| Contact City,State,Zip: | | SAN DIEGO, CA 92110 |
| Contact Telephone: | | 619-448-6664 |
| Contact Fax: | | Not reported |
| Contact Email: | | TOOLDEPOT@TNS.NET |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Municipal |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 3799 GAINES ST |
| Mailing City,State,Zip: | | SAN DIEGO, CA 92110 |
| Owner Name: | JOHN CHRISTENSON | |
| Owner Type: | | Private |
| Operator Name: | JOHN CHRISTENSON | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**TOOL DEPOT (Continued)** **1010561999**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20070801 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|---|---|
| Waste Code: | D001 |
| Waste Description: | IGNITABLE WASTE |
| Waste Code: | D018 |
| Waste Description: | BENZENE |
| Waste Code: | D039 |
| Waste Description: | TETRACHLOROETHYLENE |
| Waste Code: | D040 |
| Waste Description: | TRICHLORETHYLENE |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JOHN CHRISTENSON | |
| Legal Status: | Private |
| Date Became Current: | 19971012 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 3799 GAINES ST |
| Owner/Operator City,State,Zip: | SAN DIEGO, CA 92110 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |

**TOOL DEPOT (Continued)** **1010561999**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHN CHRISTENSON
Legal Status: Private
Date Became Current: 19971012
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20070702
Handler Name: TOOL DEPOT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45299
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

NAICS Code: 453998
NAICS Description: ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES)

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**F27** **KETEMA PROCESS EQUIPMENT CO., C/O BAKER PROCESS** **ENVIROSTOR** **S118757455**
**ENE** **9484 MISSION PARK PLACE** **N/A**
**< 1/8** **SANTEE, CA 92071**
**0.058 mi.**
**306 ft.** **Site 1 of 10 in cluster F**

**Relative:** **Higher**
**Actual:** **356 ft.**

ENVIROSTOR:
Name: KETEMA PROCESS EQUIPMENT CO., C/O BAKER PROCESS
Address: 9484 MISSION PARK PLACE
City,State,Zip: SANTEE, CA 92071
Facility ID: 71003382

**KETEMA PROCESS EQUIPMENT CO., C/O BAKER PROCESS (Continued)** **S118757455**

Status: No Action Required
Status Date: 09/30/1998
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 71
Senate: 38
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 32.84870
Longitude: -116.9574
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000178492
Alias Type: EPA Identification Number
Alias Name: 71003382
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 09/30/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/31/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**F28** **WESTERN CONSTRUCTION COMPONENTS INC** **CPS-SLIC** **S104745415**
**ENE** **9484 MISSION PARK PL** **San Diego Co. HMMD** **N/A**
**< 1/8** **SANTEE, CA 92071** **EMI**
**0.058 mi.** **HAZNET**
**306 ft.** **Site 2 of 10 in cluster F** **NPDES**
**CIWQS**
**Relative:** **CERS**
**Higher** **HWTS**

**Actual:**
**356 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMPONENT |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 920715610 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 08/20/1997 |
| Global Id: | T0608164832 |
| Lead Agency: | SAN DIEGO COUNTY LOP |
| Lead Agency Case Number: | H02097-001 |
| Latitude: | 32.848582 |
| Longitude: | -116.95756 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | Not reported |
| File Location: | Local Agency |
| Potential Media Affected: | Soil |
| Potential Contaminants of Concern: | Waste Oil / Motor / Hydraulic / Lubricating |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | 9484 MISSION PARK PL, LLC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 210389 |
| Business Type: | 6HK18 |
| EPA Id Number: | CAL000341171 |
| APN: | 381-070-56-00 |
| Last HMMD Inspection: | 07/14/2011 |
| Facility Telephone: | 619-448-8900 |
| Permit Status: | OPEN |
| Permit Expiration: | 07/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | CARLOS E TORRES |
| Facility Mailing Address: | 9484 MISSION PARK PL |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Case Number: | 74-98-6 |
| Name: | PROPANE,LIQUIFIED PETROLEUM, COMPRESSED GAS |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | PRESSURE RELEASE |

Violations Active Permits:

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 07/14/2011 |
| Violation Code: | 6HV0304 |
| Violation: | WASTE DETERMINATION NOT MADE |
| Violation Citation: | Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV1001 |
| Violation: | NO UPF PERMIT FOR HAZMATS |
| Violation Citation: | A Unified Program Facility permit has not been obtained for hazardous materials. 68.905 |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV1002 |
| Violation: | HMBP NOT ESTABISHED/IMPLEMENTED. |
| Violation Citation: | Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0131 |
| Violation: | UPF Permit NOT OBTAINED for HAZWASTE |
| Violation Citation: | A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905 |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0132 |
| Violation: | EPA ID NUMBER NOT OBTAINED/MAINTAINED |
| Violation Citation: | Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0216 |
| Violation: | HAZMATS WITHOUT PROPER LABELS |
| Violation Citation: | Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0225 |
| Violation: | ACCUMULATED HW>180 OR >270 DAYS |
| Violation Citation: | Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste] |
| Activity: | ACTIVE |
| | |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0228 |
| Violation: | CONTAINER NOT KEPT CLOSED |
| Violation Citation: | Failed to keep container closed. CFR 265.173 |
| Activity: | ACTIVE |
| | |
| Name: | 9484 MISSION PARK PL, LLC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 210389 |
| Business Type: | 6HK18 |
| EPA Id Number: | CAL000341171 |
| APN: | 381-070-56-00 |
| Last HMMD Inspection: | 07/14/2011 |
| Facility Telephone: | 619-448-8900 |
| Permit Status: | OPEN |
| Permit Expiration: | 07/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | CARLOS E TORRES |
| Facility Mailing Address: | 9484 MISSION PARK PL |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 210389
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE,LIQUIFIED PETROLEUM, COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Violations Active Permits:
Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 07/14/2011
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)
Activity: ACTIVE

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0216 |
| Violation: | HAZMATS WITHOUT PROPER LABELS |
| Violation Citation: | Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0225 |
| Violation: | ACCUMULATED HW>180 OR >270 DAYS |
| Violation Citation: | Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste] |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0228 |
| Violation: | CONTAINER NOT KEPT CLOSED |
| Violation Citation: | Failed to keep container closed. CFR 265.173 |
| Activity: | ACTIVE |

| | |
|---|---|
| Name: | 9484 MISSION PARK PL, LLC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 210389 |
| Business Type: | 6HK18 |
| EPA Id Number: | CAL000341171 |
| APN: | 381-070-56-00 |
| Last HMMD Inspection: | 07/14/2011 |
| Facility Telephone: | 619-448-8900 |
| Permit Status: | OPEN |
| Permit Expiration: | 07/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | CARLOS E TORRES |
| Facility Mailing Address: | 9484 MISSION PARK PL |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 210389
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE,LIQUIFIED PETROLEUM, COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Violations Active Permits:
Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 07/14/2011
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

identification number. CCR 66262.12(a)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Name: WESTERN CONSTRUCTION COMPONENT
Address: 9484 MISSION PARK PL
City,State,Zip: SANTEE, CA 92071
Permit Number: 102097
Business Type: 6HK35
EPA Id Number: CAL000189534
APN: 381-070-56-00
Last HMMD Inspection: 05/01/2006
Facility Telephone: 619-596-5696
Permit Status: CHNG
Permit Expiration: 01/31/2008
Date Last Updated: 11/02/2012
Facility Owner: GEORGE WILSON
Facility Mailing Address: 9484 MISSION PARK PL
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-5610
UST Owner: Not reported

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: 9484 MISSION PARK PL, LLC
Address: 9484 MISSION PARK PL
City,State,Zip: SANTEE, CA 92071
Permit Number: 210389
Business Type: 6HK18
EPA Id Number: CAL000341171
APN: 381-070-56-00
Last HMMD Inspection: 07/14/2011
Facility Telephone: 619-448-8900
Permit Status: OPEN
Permit Expiration: 07/31/2013
Date Last Updated: 11/02/2012
Facility Owner: CARLOS E TORRES
Facility Mailing Address: 9484 MISSION PARK PL
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: N
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 210389
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE,LIQUIFIED PETROLEUM, COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Violations Active Permits:
Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 07/14/2011
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 210389
Update Date: 11/02/2012
Inspection Date: 02/24/2009
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Violation Citation: | A Unified Program Facility permit has not been obtained for hazardous materials. 68.905 |
| Activity: | ACTIVE |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV1002 |
| Violation: | HMBP NOT ESTABISHED/IMPLEMENTED. |
| Violation Citation: | Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a) |
| Activity: | ACTIVE |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0131 |
| Violation: | UPF Permit NOT OBTAINED for HAZWASTE |
| Violation Citation: | A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905 |
| Activity: | ACTIVE |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0132 |
| Violation: | EPA ID NUMBER NOT OBTAINED/MAINTAINED |
| Violation Citation: | Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a) |
| Activity: | ACTIVE |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0216 |
| Violation: | HAZMATS WITHOUT PROPER LABELS |
| Violation Citation: | Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f) |
| Activity: | ACTIVE |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0225 |
| Violation: | ACCUMULATED HW>180 OR >270 DAYS |
| Violation Citation: | Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste] |
| Activity: | ACTIVE |
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Permit Number: | 210389 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2009 |
| Violation Code: | 6HV0228 |
| Violation: | CONTAINER NOT KEPT CLOSED |
| Violation Citation: | Failed to keep container closed. CFR 265.173 |
| Activity: | ACTIVE |

EMI:

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMPONENTS INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Year: | 2006 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5895 |
| Air District Name: | SD |
| SIC Code: | 3537 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 13.69 |
| Reactive Organic Gases Tons/Yr: | 12.93 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMPONENTS INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 95111 |
| Year: | 2007 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 5895 |
| Air District Name: | SD |
| SIC Code: | 3537 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 13.69 |
| Reactive Organic Gases Tons/Yr: | 12.93 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

HAZNET:

| | |
|---|---|
| Name: | RAINBOW STEEL INC. |
| Address: | 9484 MISSION PARK PL |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Contact: | MANUEL GAMBOA |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Telephone: | 6198432160 |
| Mailing Name: | Not reported |
| Mailing Address: | 9484 MISSION PARK PL |
| Year: | 2016 |
| Gepaid: | CAL000405195 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.5 |
| Year: | 2015 |
| Gepaid: | CAL000405195 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.825 |

Additional Info:

| | |
|---|---|
| Year: | 2016 |
| Gen EPA ID: | CAL000405195 |
| Shipment Date: | 20151008 |
| Creation Date: | 12/22/2015 22:15:07 |
| Receipt Date: | 20151021 |
| Manifest ID: | 008743157FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICE INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.375 |
| Waste Quantity: | 750 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20150511 |
| Creation Date: | 7/8/2015 22:15:46 |
| Receipt Date: | 20150526 |
| Manifest ID: | 008396764FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2015 |
| Gen EPA ID: | CAL000405195 |
| Shipment Date: | 20151008 |
| Creation Date: | 12/22/2015 22:15:07 |
| Receipt Date: | 20151021 |
| Manifest ID: | 008743157FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICE INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.375 |
| Waste Quantity: | 750 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20150511 |
| Creation Date: | 7/8/2015 22:15:46 |
| Receipt Date: | 20150526 |
| Manifest ID: | 008396764FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

NPDES:

| | |
|---|---|
| Name: | RAINBOW STEEL INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Terminated |
| NPDES Number: | CAS000001 |
| Region: | 9 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 422065 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 9 37I023449 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/21/2011 |
| Termination Date Of Regulatory Measure: | 10/29/2021 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 9484 Mission Park Pl |
| Discharge Name: | Rainbow Steel Inc |
| Discharge City: | Santee |
| Discharge State: | California |
| Discharge Zip: | 92071 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 9 |
| Regulatory Measure ID: | 422065 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 9 37I023449 |
| Program Type: | Not reported |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 12/21/2011 |
| Processed Date: | 12/21/2011 |
| Status: | Active |
| Status Date: | 12/21/2011 |
| Place Size: | 124998 |
| Place Size Unit: | SqFt |
| Contact: | Manuel Gamboa |
| Contact Title: | Not reported |
| Contact Phone: | 619-449-2339 |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Rainbow Steel Inc |
| Operator Address: | 9484 Mission Park Pl |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |
| Operator Contact: | Manuel Gamboa |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 619-449-2339 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | San Diego River |
| Certifier: | Manuel Gamboa |
| Certifier Title: | Safety Director |
| Certification Date: | 14-AUG-15 |
| Primary Sic: | 3441-Fabricated Structural Metal |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 9 |
| Regulatory Measure ID: | 422065 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 9 37I023449 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/21/2011 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Rainbow Steel Inc |
| Discharge Address: | 9484 Mission Park Pl |
| Discharge City: | Santee |
| Discharge State: | California |
| Discharge Zip: | 92071 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | RAINBOW STEEL INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Agency: | Rainbow Steel Inc |
| Agency Address: | 9484 Mission Park Pl, Santee, CA 92071 |
| Place/Project Type: | Industrial - Fabricated Structural Metal |
| SIC/NAICS: | 3441 |
| Region: | 9 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 9 37I023449 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 12/21/2011 |
| Termination Date: | 10/29/2021 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 32.80847 |
| Longitude: | -117.25919 |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Name: | BLUE STAR STEEL INC |
| Address: | 9484 MISSION PARK PLACE #B |
| City,State,Zip: | SANTEE, CA 92071 |
| Agency: | Blue Star Steel Inc |
| Agency Address: | 1253 El Rey Ave, El Cajon , CA 92021 |
| Place/Project Type: | Industrial - Fabricated Structural Metal |
| SIC/NAICS: | 3441 |
| Region: | 9 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 9 37I028164 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 05/14/2019 |
| Termination Date: | 11/09/2020 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 32.84915 |
| Longitude: | -116.95732 |

CERS:

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMPONENT |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 920715610 |
| Site ID: | 247525 |
| CERS ID: | T0608164832 |
| CERS Description: | Cleanup Program Site |

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMPONENTS INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 504786 |
| CERS ID: | 110021009754 |
| CERS Description: | US EPA Air Emission Inventory System (EIS) |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | JACK STANCZAK |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

HWTS:

| | |
|---|---|
| Name: | RAINBOW STEEL INC. |
| Address: | 9484 MISSION PARK PL |

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

| | |
|---|---|
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000405195 |
| Inactive Date: | 06/30/2015 |
| Create Date: | 03/13/2015 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9484 MISSION PARK PL |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 92071 |
| Owner Name: | HENRY GAMBOA |
| Owner Address: | 9484 MISSION PARK PL |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SANTEE, CA 92071 |
| Contact Name: | MANUEL GAMBOA |
| Contact Address: | 9484 MISSION PARK PL |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.848587 |
| Longitude: | -116.9575605 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000405195 |
| Create Date: | 2015-03-13 09:13:37.327 |
| NAICS Code: | 337215 |
| NAICS Description: | Showcase, Partition, Shelving, and Locker Manufacturing |
| Issued EPA ID Date: | 2015-03-13 09:13:37.31300 |
| Inactive Date: | 2015-06-30 00:00:00 |
| Facility Name: | RAINBOW STEEL INC. |
| Facility Address: | 9484 MISSION PARK PL |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 92071 |

---

**F29** **AMETEK, INC SANTEE DIV** **RCRA-SQG** **1008194585**
**ENE** **9484 MISSION PARK PLACE** **FINDS** **CAL000189534**
**< 1/8** **SANTEE, CA 92071** **ECHO**
**0.058 mi.** **HAZNET**
**306 ft.** **Site 3 of 10 in cluster F** **HWTS**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20040223 |
| Handler Name: | WESTERN CONSTRUCTION COMPONENTS INC |
| Handler Address: | 9484 MISSION PARK PL |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000189534 |
| Contact Name: | JACK STANCZAK |
| Contact Address: | Not reported |
| Contact City,State,Zip: | Not reported |
| Contact Telephone: | 619-596-5696 20 |
| Contact Fax: | Not reported |
| Contact Email: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | | |
|---|---|---|
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | 2003 |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9484 MISSION PARK PL |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | GEORGE WILSON | |
| Owner Type: | | Private |
| Operator Name: | GEORGE WILSON | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20041203 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: GEORGE WILSON | |
| Legal Status: | Private |
| Date Became Current: | 19980101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9484 MISSION PARK PL |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGE WILSON
Legal Status: Private
Date Became Current: 19980101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040223
Handler Name: WESTERN CONSTRUCTION COMPONENTS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333924
NAICS Description: INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002711245

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070726666

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1008194585 |
| Registry ID: | 110002711245 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002711245 |
| Name: | AMETEK, INC SANTEE DIV |
| Address: | 9484 MISSION PARK PLACE |
| City,State,Zip: | SANTEE, CA 92071 |

HAZNET:

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMPONENTS INC |
| Address: | 9484 MISSION PARK PL |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 920715610 |
| Contact: | GEORGE WILSON / PRESIDENT |
| Telephone: | 6195965696 |
| Mailing Name: | Not reported |
| Mailing Address: | 9484 MISSION PARK PL |
| | |
| Year: | 2008 |
| Gepaid: | CAL000189534 |
| TSD EPA ID: | TXD077603371 |
| CA Waste Code: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.175 |
| | |
| Year: | 2008 |
| Gepaid: | CAL000189534 |
| TSD EPA ID: | NVT330010000 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 0.4 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

Year: 2007
Gepaid: CAL000189534
TSD EPA ID: TXD077603371
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 1.025

Year: 2007
Gepaid: CAL000189534
TSD EPA ID: TXD077603371
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.8

Year: 2006
Gepaid: CAL000189534
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075

Year: 2005
Gepaid: CAL000189534
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.45

Year: 2005
Gepaid: CAL000189534
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: R01 - Recycler
Tons: 0.1

Year: 2005
Gepaid: CAL000189534
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.4587

Year: 2004
Gepaid: CAL000189534
TSD EPA ID: AZR000035915
CA Waste Code: 352 - Other organic solids
Disposal Method: R01 - Recycler
Tons: 0.55

Year: 2004
Gepaid: CAL000189534
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.22935

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

Click this hyperlink while viewing on your computer to access
28 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

| | |
|---|---|
| Year: | 2008 |
| Gen EPA ID: | CAL000189534 |
| Shipment Date: | 20080604 |
| Creation Date: | 10/13/2008 18:30:32 |
| Receipt Date: | 20080617 |
| Manifest ID: | 001093734SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | F005 |
| Meth Code: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.175 |
| Waste Quantity: | 350 |
| Quantity Unit: | P |
| Additional Code 1: | F003 |
| Additional Code 2: | D035 |
| Additional Code 3: | D001 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20080604 |
| Creation Date: | 10/13/2008 18:30:40 |
| Receipt Date: | 20080616 |
| Manifest ID: | 001093733SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY NEVADA |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D007 |
| Meth Code: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

Additional Info:

| | |
|---|---|
| Year: | 2007 |
| Gen EPA ID: | CAL000189534 |
| Shipment Date: | 20071105 |
| Creation Date: | 4/22/2008 18:30:08 |
| Receipt Date: | 20071116 |
| Manifest ID: | 000669619SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | F005 |
| Meth Code: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | F003 |
| Additional Code 2: | D035 |
| Additional Code 3: | D001 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20071105 |
| Creation Date: | 4/22/2008 18:30:08 |
| Receipt Date: | 20071116 |
| Manifest ID: | 000669619SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D007 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20070717 |
| Creation Date: | 2/29/2008 18:30:06 |
| Receipt Date: | 20070802 |
| Manifest ID: | 000234511SKS |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D007 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20070717 |
| Creation Date: | 2/29/2008 18:30:06 |
| Receipt Date: | 20070802 |
| Manifest ID: | 000234511SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | F005 |
| Meth Code: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.225 |
| Waste Quantity: | 450 |
| Quantity Unit: | P |
| Additional Code 1: | F003 |
| Additional Code 2: | D035 |
| Additional Code 3: | D001 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20070425 |
| Creation Date: | 12/20/2007 18:30:07 |
| Receipt Date: | 20070504 |
| Manifest ID: | 000221236SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D007 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.3 |
| Waste Quantity: | 600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070425 |
| Creation Date: | 12/20/2007 18:30:07 |
| Receipt Date: | 20070504 |
| Manifest ID: | 000221236SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | F005 |
| Meth Code: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | F003 |
| Additional Code 2: | D035 |
| Additional Code 3: | D001 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070130 |
| Creation Date: | 10/8/2007 18:30:25 |
| Receipt Date: | 20070208 |
| Manifest ID: | 000800910JJK |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | F005 |
| Meth Code: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | F003 |
| Additional Code 2: | D035 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Additional Code 3: | D001 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070130 |
| Creation Date: | 10/8/2007 18:30:25 |
| Receipt Date: | 20070208 |
| Manifest ID: | 000800910JJK |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D007 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2006 |
| Gen EPA ID: | CAL000189534 |
| | |
| Shipment Date: | 20061215 |
| Creation Date: | 4/19/2007 18:31:14 |
| Receipt Date: | 20061222 |
| Manifest ID: | 001606377JJK |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD097030993 |
| Trans Name: | SIEMENS WATER TECHNOLOGIES CORP |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.075 |
| Waste Quantity: | 150 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

Additional Info:

| | |
|---|---|
| Year: | 2005 |
| Gen EPA ID: | CAL000189534 |
| Shipment Date: | 20050307 |
| Creation Date: | 6/2/2005 18:31:52 |
| Receipt Date: | 20050316 |
| Manifest ID: | 24018044 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | D / K - ENVIRONMENTAL |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | NONE |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20050307 |
| Creation Date: | 7/21/2005 18:31:13 |
| Receipt Date: | 20050315 |
| Manifest ID: | 24018042 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | NONE |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.4587 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20050201 |
| Creation Date: | 5/29/2005 18:30:53 |
| Receipt Date: | 20050209 |
| Manifest ID: | 24021767 |
| Trans EPA ID: | CAD028277036 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | D / K - ENVIRONMENTAL |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | NONE |
| Meth Code: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2004 |
| Gen EPA ID: | CAL000189534 |
| | |
| Shipment Date: | 20041230 |
| Creation Date: | 4/20/2006 18:30:56 |
| Receipt Date: | 20050104 |
| Manifest ID: | 24020314 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | NONE |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.22935 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20040901 |
| Creation Date: | 3/16/2007 18:31:12 |
| Receipt Date: | 20040908 |
| Manifest ID: | 23826667 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | PACIFIC RESOURCE RECOVERY |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.594 |
| Waste Quantity: | 165 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040901 |
| Creation Date: | 1/6/2005 18:32:03 |
| Receipt Date: | 20040908 |
| Manifest ID: | 23826668 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | NON |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040226 |
| Creation Date: | 8/23/2004 8:30:10 |
| Receipt Date: | 20040227 |
| Manifest ID: | 22985186 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | PACIFIC RESOURCE RECOVERY |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.594 |
| Waste Quantity: | 165 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20040226 |
| Creation Date: | 8/23/2004 8:30:10 |
| Receipt Date: | 20040305 |
| Manifest ID: | 22985187 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAL000189534 |
| | |
| Shipment Date: | 20031002 |
| Creation Date: | 8/3/2004 15:02:31 |
| Receipt Date: | 20031009 |
| Manifest ID: | 22983794 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.3 |
| Waste Quantity: | 600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Shipment Date: | 20031002 |
| Creation Date: | 8/3/2004 15:03:33 |
| Receipt Date: | 20031003 |
| Manifest ID: | 22983793 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | PACIFIC RESOURCE RECOVERY |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.198 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030902 |
| Creation Date: | 5/21/2004 15:17:53 |
| Receipt Date: | Not reported |
| Manifest ID: | 22983793 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | PACIFIC RESOURCE RECOVERY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.198 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030902 |
| Creation Date: | 5/21/2004 15:17:53 |
| Receipt Date: | Not reported |
| Manifest ID: | 22983794 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.3 |
| Waste Quantity: | 600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030814 |
| Creation Date: | 8/2/2004 9:36:58 |
| Receipt Date: | 20030822 |
| Manifest ID: | 22724603 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.188 |
| Waste Quantity: | 330 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030414 |
| Creation Date: | 8/5/2003 18:31:37 |
| Receipt Date: | 20030416 |
| Manifest ID: | 22227056 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.188 |
| Waste Quantity: | 330 |
| Quantity Unit: | G |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2002 |
| Gen EPA ID: | CAL000189534 |
| Shipment Date: | 20021111 |
| Creation Date: | 2/25/2003 18:31:38 |
| Receipt Date: | 20021114 |
| Manifest ID: | 22217261 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20021111 |
| Creation Date: | 3/15/2003 18:31:28 |
| Receipt Date: | 20021115 |
| Manifest ID: | 22217303 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.386 |
| Waste Quantity: | 385 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Shipment Date: | 20020610 |
| Creation Date: | 2/7/2003 18:31:14 |
| Receipt Date: | 20020610 |
| Manifest ID: | 21647173 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.35 |
| Waste Quantity: | 700 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020610 |
| Creation Date: | 2/7/2003 18:31:14 |
| Receipt Date: | 20020610 |
| Manifest ID: | 21647173 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.386 |
| Waste Quantity: | 385 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020313 |
| Creation Date: | 7/22/2002 18:32:38 |
| Receipt Date: | 20020313 |
| Manifest ID: | 21528164 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.5 |
| Waste Quantity: | 1000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020305 |
| Creation Date: | 7/29/2002 18:31:50 |
| Receipt Date: | 20020305 |
| Manifest ID: | 21527949 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.35 |
| Waste Quantity: | 375 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020305 |
| Creation Date: | 7/29/2002 18:31:50 |
| Receipt Date: | 20020305 |
| Manifest ID: | 21527949 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAL000189534 |
| Shipment Date: | 20011022 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | 20011022 |
| Manifest ID: | 21411026 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.386 |
| Waste Quantity: | 385 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20010524 |
| Creation Date: | 7/30/2001 0:00:00 |
| Receipt Date: | 20010524 |
| Manifest ID: | 20926293 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.792 |
| Waste Quantity: | 220 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Shipment Date: | 20010213 |
| Creation Date: | 4/30/2001 0:00:00 |
| Receipt Date: | 20010213 |
| Manifest ID: | 20894475 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D001 |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.425 |
| Waste Quantity: | 850 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010213 |
| Creation Date: | 4/30/2001 0:00:00 |
| Receipt Date: | 20010213 |
| Manifest ID: | 20894475 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.396 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010116 |
| Creation Date: | 4/9/2001 0:00:00 |
| Receipt Date: | 20010116 |
| Manifest ID: | 20779119 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D001 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 1.05 |
| Waste Quantity: | 2100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010116 |
| Creation Date: | 4/9/2001 0:00:00 |
| Receipt Date: | 20010116 |
| Manifest ID: | 20779119 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.756 |
| Waste Quantity: | 210 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010116 |
| Creation Date: | 4/9/2001 0:00:00 |
| Receipt Date: | 20010116 |
| Manifest ID: | 20779119 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 133 - Aqueous solution with 10% or more total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | G |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2000 |
| Gen EPA ID: | CAL000189534 |
| Shipment Date: | 20001019 |
| Creation Date: | 12/13/2000 0:00:00 |
| Receipt Date: | 20001023 |
| Manifest ID: | 20158762 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.363 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20001019 |
| Creation Date: | 1/9/2001 0:00:00 |
| Receipt Date: | 20001023 |
| Manifest ID: | 20498055 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Shipment Date: | 20000914 |
| Creation Date: | 10/30/2000 0:00:00 |
| Receipt Date: | 20000918 |
| Manifest ID: | 20158529 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000824 |
| Creation Date: | 10/23/2000 0:00:00 |
| Receipt Date: | 20000828 |
| Manifest ID: | 20158523 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000824 |
| Creation Date: | 10/30/2000 0:00:00 |
| Receipt Date: | 20000828 |
| Manifest ID: | 20158524 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.6 |
| Waste Quantity: | 1200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000720 |
| Creation Date: | 9/25/2000 0:00:00 |
| Receipt Date: | 20000725 |
| Manifest ID: | 20203787 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.5 |
| Waste Quantity: | 1000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000720 |
| Creation Date: | 9/11/2000 0:00:00 |
| Receipt Date: | 20000725 |
| Manifest ID: | 20203883 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000615 |
| Creation Date: | 8/2/2000 0:00:00 |
| Receipt Date: | 20000616 |
| Manifest ID: | 20203711 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000615 |
| Creation Date: | 8/2/2000 0:00:00 |
| Receipt Date: | 20000616 |
| Manifest ID: | 20203711 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000601 |
| Creation Date: | 8/14/2000 0:00:00 |
| Receipt Date: | 20000609 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Manifest ID: | 20203611 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.25 |
| Waste Quantity: | 500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1999 |
| Gen EPA ID: | CAL000189534 |
| | |
| Shipment Date: | 19991230 |
| Creation Date: | 2/28/2000 0:00:00 |
| Receipt Date: | 20000107 |
| Manifest ID: | 99378784 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991206 |
| Creation Date: | 2/15/2000 0:00:00 |
| Receipt Date: | 19991213 |
| Manifest ID: | 99319996 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19991202 |
| Creation Date: | 2/1/2000 0:00:00 |
| Receipt Date: | 19991203 |
| Manifest ID: | 99378665 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19991104 |
| Creation Date: | 1/11/2000 0:00:00 |
| Receipt Date: | 19991105 |
| Manifest ID: | 99378453 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991028 |
| Creation Date: | 2/15/2000 0:00:00 |
| Receipt Date: | 19991103 |
| Manifest ID: | 99319937 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZC980813022 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.6 |
| Waste Quantity: | 1200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991007 |
| Creation Date: | 11/19/1999 0:00:00 |
| Receipt Date: | 19991008 |
| Manifest ID: | 99108704 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990929 |
| Creation Date: | 2/15/2000 0:00:00 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| Receipt Date: | 19991002 |
| Manifest ID: | 99319885 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZC980813022 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1 |
| Waste Quantity: | 2000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990909 |
| Creation Date: | 10/27/1999 0:00:00 |
| Receipt Date: | 19990910 |
| Manifest ID: | 99108621 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.165 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990825 |
| Creation Date: | 10/28/1999 0:00:00 |
| Receipt Date: | 19990826 |
| Manifest ID: | 99108564 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.1749 |
| Waste Quantity: | 53 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990812 |
| Creation Date: | 10/28/1999 0:00:00 |
| Receipt Date: | 19990813 |
| Manifest ID: | 99108455 |
| Trans EPA ID: | CAR000036129 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.25 |
| Waste Quantity: | 500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMPONENTS INC |
| Address: | 9484 MISSION PARK PL |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000189534 |
| Inactive Date: | 06/30/2008 |
| Create Date: | 09/28/1998 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9484 MISSION PARK PL |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 920715610 |
| Owner Name: | WESTERN CONSTRUCTION COMPONENT |
| Owner Address: | 9484 MISSION PARK PL |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SANTEE, CA 920715610 |
| Contact Name: | GEORGE WILSON / PRESIDENT |
| Contact Address: | 9484 MISSION PARK PL |
| Contact Address 2: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1008194585**

City,State,Zip: SANTEE, CA 920715610
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.848825
Longitude: -116.956897

NAICS:
EPA ID: CAL000189534
Create Date: 2005-09-27 15:01:35.000
NAICS Code: 331511
NAICS Description: Iron Foundries
Issued EPA ID Date: 1998-09-28 00:00:00
Inactive Date: 2008-06-30 00:00:00
Facility Name: WESTERN CONSTRUCTION COMPONENTS INC
Facility Address: 9484 MISSION PARK PL
Facility Address 2: Not reported
Facility City: SANTEE
Facility County: Not reported
Facility State: CA
Facility Zip: 920715610

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**F30** **WESTERN CONSTRUCTION COMPONENT** **SAN DIEGO CO. SAM** **S108407335**
**ENE** **9484 MISSION PARK PL** **San Diego Co. HMMD** **N/A**
**< 1/8** **SANTEE, CA 92071**
**0.058 mi.**
**306 ft.** **Site 4 of 10 in cluster F**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

SAN DIEGO CO. SAM:
Name: WESTERN CONSTRUCTION COMPONENT
Address: 9484 MISSION PARK PL
City,State,Zip: SANTEE, CA 920715610
Case Number: H02097-001
Agency: DEH Site Assessment & Mitigation
**Funding:** **Private - VAP**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 8/20/1997
Date Began: 8/28/1995

HMMD SAN DIEGO:
Name: KITTYHAWK ENERGY
Address: 9484 MISSION PARK PL
City,State,Zip: SANTEE, CA 92071
Permit Number: 215501
Business Type: 6HK35
EPA Id Number: Not reported
APN: 381-070-56-00
Last HMMD Inspection: 09/07/2011
Facility Telephone: Not reported
Permit Status: EXPR
Permit Expiration: 01/31/2012
Date Last Updated: 11/02/2012
Facility Owner: KITTYHAWK ENERGY, LLC
Facility Mailing Address: 9484 MISSION PARK PL
Facility Mailing City: Santee
Facility Mailing State: CA

**WESTERN CONSTRUCTION COMPONENT (Continued)** **S108407335**

Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 215501
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 215501
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 215501
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Name: RAINBOW STEEL, INC
Address: 9484 MISSION PARK PL
City,State,Zip: SANTEE, CA 92071
Permit Number: 215500
Business Type: 6HK35
EPA Id Number: CAL000341171
APN: 381-070-56-00
Last HMMD Inspection: 09/07/2011
Facility Telephone: 619-449-2339
Permit Status: EXPR
Permit Expiration: 01/31/2012
Date Last Updated: 11/02/2012
Facility Owner: RAINBOW STEEL, INC
Facility Mailing Address: 9484 MISSION PARK PL
Facility Mailing City: Santee
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported

**WESTERN CONSTRUCTION COMPONENT (Continued)** **S108407335**

Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 215500
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 215500
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 215500
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 215500
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SANDING DUST/ PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

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**F31** **BARE STEEL** **RCRA NonGen / NLR** **1027200885**
**ENE** **9484 MISSION PARK PL.** **CAC003164642**
**< 1/8** **SANTEE, CA 92071**
**0.058 mi.**
**306 ft.** **Site 5 of 10 in cluster F**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:
Date Form Received by Agency: 20220303
Handler Name: BARE STEEL
Handler Address: 9484 MISSION PARK PL.
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAC003164642
Contact Name: BARE STEEL
Contact Address: 9484 MISSION PARK PL.
Contact City,State,Zip: SANTEE, CA 92071

**BARE STEEL (Continued)** **1027200885**

| | | |
|---|---|---|
| Contact Telephone: | | 619-843-2160 |
| Contact Fax: | | Not reported |
| Contact Email: | | JENNIFER.LE@USECOLOGY.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9484 MISSION PARK PL. |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | BARE STEEL | |
| Owner Type: | | Other |
| Operator Name: | BARE STEEL | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |

**BARE STEEL (Continued)** **1027200885**

| | |
|---|---|
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20220303 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9484 MISSION PARK PL. |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-843-2160 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9484 MISSION PARK PL. |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-843-2160 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20220303 |
| Handler Name: BARE STEEL | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |

**BARE STEEL (Continued)** **1027200885**

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 48423
NAICS Description: SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LONG-DISTANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**F32** **AMETEK, INC SANTEE DIV** **RCRA-SQG** **1000399882**
**ENE** **9484 MISSION PARK PLACE** **HAZNET** **CAD981450232**
**< 1/8** **SANTEE, CA 92071** **HWTS**
**0.058 mi.**
**306 ft.** **Site 6 of 10 in cluster F**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19860304 |
| Handler Name: | AMETEK, INC SANTEE DIV | |
| Handler Address: | | 9484 MISSION PARK PLACE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD981450232 |
| Contact Name: | | ENVIRONMENTAL MANAGER |
| Contact Address: | | 9484 MISSION PARK PLACE |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-449-0202 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Other |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | P O BOX D |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | AMETEK, INC | |
| Owner Type: | | Private |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

| | |
|---|---|
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AMETEK, INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19860304
Handler Name: AMETEK, INC SANTEE DIV
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HAZNET:
Name: AMETEK, INC SANTEE DIV
Address: 9484 MISSION PARK PLACE
Address 2: Not reported
City,State,Zip: SANTEE, CA 920710000
Contact: UNDELIVERABLE PER 95 FEES FORM
Telephone: --
Mailing Name: Not reported
Mailing Address: P O BOX D

Year: 1997
Gepaid: CAD981450232
TSD EPA ID: CAD044429835
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: D99 - Disposal, Other

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

| | |
|---|---|
| Tons: | 0.1675 |
| Year: | 1997 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | CAD008252405 |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.198 |
| Year: | 1997 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | CAD008252405 |
| CA Waste Code: | 331 - Off-specification, aged or surplus organics |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.15 |
| Year: | 1997 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | UTD981552177 |
| CA Waste Code: | 331 - Off-specification, aged or surplus organics |
| Disposal Method: | - |
| Tons: | 0.0275 |
| Year: | 1997 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | D99 - Disposal, Other |
| Tons: | 0.0175 |
| Year: | 1997 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 791 - Liquids with pH <= 2 |
| Disposal Method: | D99 - Disposal, Other |
| Tons: | 0.0075 |
| Year: | 1994 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | CAD000633164 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | D80 - Disposal, Land Fill |
| Tons: | 1.8 |
| Year: | 1992 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | AZD049318009 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.325 |
| Year: | 1991 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | CAT080031628 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.834 |

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

| | |
|---|---|
| Year: | 1991 |
| Gepaid: | CAD981450232 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.2293 |

Click this hyperlink while viewing on your computer to access
14 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

| | |
|---|---|
| Year: | 1997 |
| Gen EPA ID: | CAD981450232 |
| Shipment Date: | 19970912 |
| Creation Date: | 4/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96661077 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | Not reported |
| Meth Code: | D99 - Disposal, Other |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19970912 |
| Creation Date: | 4/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96661077 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Meth Code: | D99 - Disposal, Other |
| Quantity Tons: | 0.0425 |
| Waste Quantity: | 85 |
| Quantity Unit: | P |

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970912 |
| Creation Date: | 4/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96661077 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | D99 - Disposal, Other |
| Quantity Tons: | 0.0175 |
| Waste Quantity: | 35 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970912 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970916 |
| Manifest ID: | 96661187 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | UTD981552177 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.0275 |
| Waste Quantity: | 55 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970912 |
| Creation Date: | 4/23/1998 0:00:00 |
| Receipt Date: | 19970918 |

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

| | |
|---|---|
| Manifest ID: | 96661077 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals |
| RCRA Code: | D002 |
| Meth Code: | D99 - Disposal, Other |
| Quantity Tons: | 0.0075 |
| Waste Quantity: | 15 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970825 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970828 |
| Manifest ID: | 96661088 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970825 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970828 |
| Manifest ID: | 96661088 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

| | |
|---|---|
| Waste Code Description: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.198 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1994 |
| Gen EPA ID: | CAD981450232 |
| | |
| Shipment Date: | 19941129 |
| Creation Date: | 3/28/1996 0:00:00 |
| Receipt Date: | 19941205 |
| Manifest ID: | 92875514 |
| Trans EPA ID: | CAD047782560 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD009230244 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000633164 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000633164 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | D80 - Disposal, Land Fill |
| Quantity Tons: | 1.8 |
| Waste Quantity: | 3600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | AMETEK, INC SANTEE DIV |
| Address: | 9484 MISSION PARK PLACE |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAD981450232 |
| Inactive Date: | 06/30/1995 |
| Create Date: | 04/10/1987 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | P O BOX D |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 920710000 |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner Address 2: | Not reported |

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

| | |
|---|---|
| Owner City,State,Zip: | Not reported |
| Contact Name: | UNDELIVERABLE PER 95 FEES FORM |
| Contact Address: | HN |
| Contact Address 2: | Not reported |
| City,State,Zip: | Not reported |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | FEDERAL |
| Latitude: | 32.848347 |
| Longitude: | -116.958075 |

---

**F33** **BARE STEEL** **RCRA NonGen / NLR** **1026048180**
**ENE** **9484 MISSION PARK PLACE** **CAC003054786**
**< 1/8** **SANTEE, CA 92071**
**0.058 mi.**
**306 ft.** **Site 7 of 10 in cluster F**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20200207 |
| Handler Name: | BARE STEEL | |
| Handler Address: | | 9484 MISSION PARK PLACE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003054786 |
| Contact Name: | | MANNY GAMBOA |
| Contact Address: | | 9316 WHEATLANDS RD |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-843-2160 |
| Contact Fax: | | Not reported |
| Contact Email: | | MANNYSMONEY@YAHOO.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9316 WHEATLANDS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | BARE STEEL | |
| Owner Type: | | Other |
| Operator Name: | MANNY GAMBOA | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |

**BARE STEEL (Continued)** **1026048180**

| | |
|---|---|
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200210 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-843-2160 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**BARE STEEL (Continued)** **1026048180**

Owner/Operator Indicator: Operator
Owner/Operator Name: MANNY GAMBOA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9316 WHEATLANDS RD
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-843-2160
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200207
Handler Name: BARE STEEL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Date Form Received by Agency: 20210901
Handler Name: BARE STEEL
Handler Address: 9484 MISSION PARK PLACE
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAC003137149
Contact Name: MANNY GAMBOA
Contact Address: 9484 MISSION PARK PLACE
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-334-1440
Contact Fax: Not reported
Contact Email: JENNIFER.LE@USECOLOGY.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

**BARE STEEL (Continued)** **1026048180**

| | | |
|---|---|---|
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9484 MISSION PARK PLACE |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | BARE STEEL | |
| Owner Type: | | Other |
| Operator Name: | MANNY GAMBOA | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20210901 |

**BARE STEEL (Continued)** **1026048180**

| | |
|---|---|
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9484 MISSION PARK PLACE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-334-1440 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MANNY GAMBOA | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9484 MISSION PARK PLACE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-334-1440 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20210901 |
| Handler Name: BARE STEEL | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 48423 |
| NAICS Description: | SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LONG-DISTANCE |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

**BARE STEEL (Continued)** **1026048180**

Evaluation Action Summary:
Evaluations: No Evaluations Found

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20201001 |
| Handler Name: | BARE STEEL | |
| Handler Address: | | 9484 MISSION PARK PLACE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003086411 |
| Contact Name: | | BARE STEEL |
| Contact Address: | | 9316 WHEATLANDS RD |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-843-2160 |
| Contact Fax: | | Not reported |
| Contact Email: | | PERRY.HOWELL@USECOLOGY.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9316 WHEATLANDS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | BARE STEEL | |
| Owner Type: | | Other |
| Operator Name: | BARE STEEL | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |

**BARE STEEL (Continued)** **1026048180**

| | |
|---|---|
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20201008 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-843-2160 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-843-2160 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**BARE STEEL (Continued)** **1026048180**

Historic Generators:
Receive Date: 20201001
Handler Name: BARE STEEL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Date Form Received by Agency: 20210315
Handler Name: BARE STEEL
Handler Address: 9484 MISSION PARK PLACE
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAC003110108
Contact Name: BARE STEEL
Contact Address: 9316 WHEATLANDS RD.
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-843-2160
Contact Fax: Not reported
Contact Email: JENNIFER.LE@USECOLOGY.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 9316 WHEATLANDS RD.
Mailing City,State,Zip: SANTEE, CA 92071
Owner Name: BARE STEEL
Owner Type: Other
Operator Name: BARE STEEL
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

**BARE STEEL (Continued)** **1026048180**

| | |
|---|---|
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210322 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: BARE STEEL

**BARE STEEL (Continued)** **1026048180**

| | |
|---|---|
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 WHEATLANDS RD. |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-843-2160 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 WHEATLANDS RD. |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-843-2160 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20210315 |
| Handler Name: BARE STEEL | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 48423 |
| NAICS Description: | SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LONG-DISTANCE |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

**F34** **BARE STEEL** **RCRA NonGen / NLR** **1026169282**
**ENE** **9484 MISSION PARK PL** **CAC003069330**
**< 1/8** **SANTEE, CA 92071**
**0.058 mi.**
**306 ft.** **Site 8 of 10 in cluster F**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20200603 |
| Handler Name: | BARE STEEL | |
| Handler Address: | | 9484 MISSION PARK PL |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003069330 |
| Contact Name: | | BARE STEEL |
| Contact Address: | | 9316 WHEATLANDS RD |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 760-809-3896 |
| Contact Fax: | | Not reported |
| Contact Email: | | MANNYSMONEY@YAHOO.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9316 WHEATLANDS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | BARE STEEL | |
| Owner Type: | | Other |
| Operator Name: | BARE STEEL | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**BARE STEEL (Continued)** **1026169282**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200608 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 760-809-3896 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: BARE STEEL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 760-809-3896 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**BARE STEEL (Continued)** **1026169282**

Historic Generators:
Receive Date: 20200603
Handler Name: BARE STEEL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**F35** **BARE STEEL INC** **RCRA NonGen / NLR** **1027214439**
**ENE** **9484 MISSION PARK PL** **CAC003179086**
**< 1/8** **SANTEE, CA 92154**
**0.058 mi.**
**306 ft.** **Site 9 of 10 in cluster F**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:
Date Form Received by Agency: 20220602
Handler Name: BARE STEEL INC
Handler Address: 9484 MISSION PARK PL
Handler City,State,Zip: SANTEE, CA 92154
EPA ID: CAC003179086
Contact Name: MIGUEL GAMBOA
Contact Address: 9484 MISSION PARK PL
Contact City,State,Zip: SANTEE, CA 92154
Contact Telephone: 619-843-2160
Contact Fax: Not reported
Contact Email: JENNIFER.LE@USECOLOGY.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 9484 MISSION PARK PL
Mailing City,State,Zip: SANTEE, CA 92154
Owner Name: BARE STEEL INC.

**BARE STEEL INC (Continued)** **1027214439**

| | | |
|---|---|---|
| Owner Type: | | Other |
| Operator Name: | MIGUEL GAMBOA | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20220606 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |
| Importer of Spent Lead Acid Batteries: | | No |
| Exporter of Spent Lead Acid Batteries: | | No |
| Recycler Activity Without Storage: | | No |
| Manifest Broker: | | No |

**BARE STEEL INC (Continued)** **1027214439**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BARE STEEL INC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9484 MISSION PARK PL
Owner/Operator City,State,Zip: SANTEE, CA 92154
Owner/Operator Telephone: 619-843-2160
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MIGUEL GAMBOA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9484 MISSION PARK PL
Owner/Operator City,State,Zip: SANTEE, CA 92154
Owner/Operator Telephone: 619-843-2160
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220602
Handler Name: BARE STEEL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 484230
NAICS Description: SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LONG-DISTANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**F36** **9484 MISSION PARK PLACE LLC** **CERS HAZ WASTE** **S113155517**
**ENE** **9484 MISSION PARK PL** **HAZNET** **N/A**
**< 1/8** **SANTEE, CA 92071** **NPDES**
**0.058 mi.** **CIWQS**
**306 ft.** **Site 10 of 10 in cluster F** **CERS**
**HWTS**

**Relative: Higher**

**Actual: 356 ft.**

CERS HAZ WASTE:
Name: BARE STEEL INC
Address: 9484 MISSION PARK PL
City,State,Zip: SANTEE, CA 92071
Site ID: 579229
CERS ID: 10377244
CERS Description: Hazardous Waste Generator

HAZNET:
Name: 9484 MISSION PARK PLACE LLC
Address: 9484 MISSION PARK PL
Address 2: Not reported
City,State,Zip: SANTEE, CA 920710000
Contact: CARLOS E TORRES
Telephone: 6194488900
Mailing Name: Not reported
Mailing Address: 9484 MISSION PARK PL

Year: 2009
Gepaid: CAL000341171
TSD EPA ID: CAD982444481
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251

Year: 2009
Gepaid: CAL000341171
TSD EPA ID: ARD981057870
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.055

Year: 2009
Gepaid: CAL000341171
TSD EPA ID: ARD981057870
CA Waste Code: 352 - Other organic solids
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.6835

Additional Info:
Year: 2009
Gen EPA ID: CAL000341171

Shipment Date: 20090320
Creation Date: 7/31/2009 18:30:21
Receipt Date: 20090403
Manifest ID: 005504716JJK
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Trans 2 EPA ID: | CAR000187922 |
| Trans 2 Name: | RUST AND SONS |
| TSDF EPA ID: | ARD981057870 |
| Trans Name: | RINECO CHEMICAL INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | F003 |
| Meth Code: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.6835 |
| Waste Quantity: | 1367 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20090320 |
| Creation Date: | 5/11/2009 18:30:47 |
| Receipt Date: | 20090326 |
| Manifest ID: | 005504717JJK |
| Trans EPA ID: | CAR000070540 |
| Trans Name: | ADVANCED CHEMICAL TRANSPORT |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING SERVICES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20090320 |
| Creation Date: | 7/31/2009 18:30:21 |
| Receipt Date: | 20090403 |
| Manifest ID: | 005504716JJK |
| Trans EPA ID: | CAR000070540 |
| Trans Name: | ADVANCED CHEMICAL TRANSPORT |
| Trans 2 EPA ID: | CAR000187922 |
| Trans 2 Name: | RUST AND SONS |
| TSDF EPA ID: | ARD981057870 |
| Trans Name: | RINECO CHEMICAL INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | F003 |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Meth Code: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.055 |
| Waste Quantity: | 110 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

NPDES:

| | |
|---|---|
| Name: | TORRES GENERAL |
| Address: | 9484 MISSION PARK PLACE |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 9 37IN600339 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | No Action Required |
| Status Date: | 09/01/2020 |
| Operator Name: | Carlos Torres |
| Operator Address: | 9484 Mission Park Place |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |

| | |
|---|---|
| Name: | WESTERN CONSTRUCTION COMP INC |
| Address: | 9484 MISSION PARK PLACE |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | Not reported |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Returned |
| Status Date: | 08/25/2006 |
| Operator Name: | Western Construction Comp Inc |
| Operator Address: | 9484 Mission Park Pl |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |

| | |
|---|---|
| Name: | BARE STEEL INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 9 37I028650 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 05/11/2020 |
| Operator Name: | Bare Steel Inc |
| Operator Address: | 9484 Mission Park Pl |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |

| | |
|---|---|
| Name: | BARE STEEL INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Active |
| NPDES Number: | CAS000001 |
| Region: | 9 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 520831 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 9 37I028650 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 05/11/2020 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 9484 Mission Park Pl |
| Discharge Name: | Bare Steel Inc |
| Discharge City: | Santee |
| Discharge State: | California |
| Discharge Zip: | 92071 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | BARE STEEL INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Agency: | Bare Steel Inc |
| Agency Address: | 9484 Mission Park Pl, Santee, CA 92071 |
| Place/Project Type: | Industrial - Fabricated Structural Metal |
| SIC/NAICS: | 3441 |
| Region: | 9 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 9 37I028650 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 05/11/2020 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 32.84897 |
| Longitude: | -116.95756 |

CERS:

| | |
|---|---|
| Name: | BARE STEEL INC |
| Address: | 9484 MISSION PARK PL |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 579229 |
| CERS ID: | 10377244 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 579229 |
| Site Name: | Bare Steel Inc |
| Violation Date: | 01-16-2019 |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 02/11/2019. Inspection Sequence ID:6064222 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 579229 |
| Site Name: | Bare Steel Inc |
| Violation Date: | 02-10-2015 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 02/12/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 579229 |
| Site Name: | Bare Steel Inc |
| Violation Date: | 02-10-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 02/12/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 579229 |
| Site Name: | Bare Steel Inc |
| Violation Date: | 01-16-2019 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 02/11/2019. Inspection Sequence ID:6064222 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 579229 |
| Site Name: | Bare Steel Inc |
| Violation Date: | 02-10-2015 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 02/12/2015. |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6064222
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4147293
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5605928
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 579229
Facility Name: Bare Steel Inc
Env Int Type Code: HMBP
Program ID: 10377244
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.848770
Longitude: -116.957520

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Bare Steel Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 807-8880,

Affiliation Type Desc: Owner/Operator
Entity Name: Bare Steel Inc
Entity Title: Operator

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Affiliation Address: | 9484 Mission Park Pl |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Andrew Deremer |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9484 MISSION PARK PL |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Michael Gamboa |
| Entity Title: | Not reported |
| Affiliation Address: | 9484 MISSION PARK PL |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 807-8880, |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Randa Allen |
| Entity Title: | Not reported |
| Affiliation Address: | 9484 MISSION PARK PL |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

Affiliation Type Desc: Parent Corporation
Entity Name: Bare Steel Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: BARE STEEL INC
Address: 9484 MISSION PARK PL
City,State,Zip: SANTEE, CA 92071
Site ID: 579229
CERS ID: 881903
CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 579229
Site Name: Bare Steel Inc
Violation Date: 01-16-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/11/2019. Inspection Sequence ID:6064222
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 579229
Site Name: Bare Steel Inc
Violation Date: 02-10-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 02/12/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 579229
Site Name: Bare Steel Inc
Violation Date: 02-10-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 02/12/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Site ID: | 579229 |
| Site Name: | Bare Steel Inc |
| Violation Date: | 01-16-2019 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 02/11/2019. Inspection Sequence ID:6064222 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 579229 |
| Site Name: | Bare Steel Inc |
| Violation Date: | 02-10-2015 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 02/12/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-16-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6064222 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-10-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Santos Steven Inspection ID:4147293 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-13-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5605928 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

Coordinates:

| | |
|---|---|
| Site ID: | 579229 |
| Facility Name: | Bare Steel Inc |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

Env Int Type Code: HMBP
Program ID: 10377244
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.848770
Longitude: -116.957520

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Bare Steel Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 807-8880,

Affiliation Type Desc: Owner/Operator
Entity Name: Bare Steel Inc
Entity Title: Operator
Affiliation Address: 9484 Mission Park Pl
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Andrew Deremer
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9484 MISSION PARK PL
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Michael Gamboa |
| Entity Title: | Not reported |
| Affiliation Address: | 9484 MISSION PARK PL |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 807-8880, |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Randa Allen |
| Entity Title: | Not reported |
| Affiliation Address: | 9484 MISSION PARK PL |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Bare Steel Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

HWTS:

| | |
|---|---|
| Name: | 9484 MISSION PARK PLACE LLC |
| Address: | 9484 MISSION PARK PL |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000341171 |
| Inactive Date: | 06/30/2012 |
| Create Date: | 03/10/2009 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9484 MISSION PARK PL |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 920710000 |
| Owner Name: | CARLOS E TORRES |
| Owner Address: | 13703 ADELE LN |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | JAMUL, CA 919350000 |
| Contact Name: | CARLOS E TORRES |
| Contact Address: | 9484 MISSION PARK PL |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 920710000 |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.848827 |
| Longitude: | -116.957016 |

**9484 MISSION PARK PLACE LLC (Continued)** **S113155517**

NAICS:

| | |
|---|---|
| EPA ID: | CAL000341171 |
| Create Date: | 2009-03-10 14:33:39.890 |
| NAICS Code: | 99999 |
| NAICS Description: | Not Otherwise Specified |
| Issued EPA ID Date: | 2009-03-10 14:33:39.87300 |
| Inactive Date: | 2012-06-30 00:00:00 |
| Facility Name: | 9484 MISSION PARK PLACE LLC |
| Facility Address: | 9484 MISSION PARK PL |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 920710000 |

| | |
|---|---|
| Name: | BARE STEEL |
| Address: | 9484 MISSION PARK PL. |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAC003164642 |
| Inactive Date: | Not reported |
| Create Date: | 03/03/2022 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9484 MISSION PARK PL. |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 92071 |
| Owner Name: | BARE STEEL |
| Owner Address: | 9484 MISSION PARK PL. |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SANTEE, CA 92071 |
| Contact Name: | BARE STEEL |
| Contact Address: | 9484 MISSION PARK PL. |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Active |
| Facility Type: | TEMPORARY |
| Category: | STATE |
| Latitude: | 32.84870201 |
| Longitude: | -116.9575 |

---

**37** **ALTECH MACHINING INC** **RCRA NonGen / NLR** **1024788371**
**ESE** **11000 WOODSIDE AVE NORTH** **CAL000045408**
**< 1/8** **SANTEE, CA 92071**
**0.061 mi.**
**323 ft.**

**Relative:**
**Higher**

**Actual:**
**362 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19910625 |
| Handler Name: | ALTECH MACHINING INC | |
| Handler Address: | | 11000 WOODSIDE AVE NORTH |
| Handler City,State,Zip: | | SANTEE, CA 92071-2832 |
| EPA ID: | | CAL000045408 |
| Contact Name: | | CATHY MURRAY - OFFICE MANAGER |
| Contact Address: | | 11000 WOODSIDE AVE N |
| Contact City,State,Zip: | | SANTEE, CA 92071 |

**ALTECH MACHINING INC (Continued)** **1024788371**

| | | |
|---|---|---|
| Contact Telephone: | | 619-448-3392 |
| Contact Fax: | | 619-448-6854 |
| Contact Email: | | INFO@ALTECHMACHINING.NET |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 11000 WOODSIDE AVE N |
| Mailing City,State,Zip: | | SANTEE, CA 92071-2832 |
| Owner Name: | ALTECH MACHINING INC | |
| Owner Type: | | Other |
| Operator Name: | CATHY MURRAY - OFFICE MANAGER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |

**ALTECH MACHINING INC (Continued)** **1024788371**

| | |
|---|---|
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ALTECH MACHINING INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11000 WOODSIDE AVE N |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2832 |
| Owner/Operator Telephone: | 619-448-3392 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: CATHY MURRAY - OFFICE MANAGER | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11000 WOODSIDE AVE N |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-448-3392 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19910625 |
| Handler Name: ALTECH MACHINING INC | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |

**ALTECH MACHINING INC (Continued)** **1024788371**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332912
NAICS Description: FLUID POWER VALVE AND HOSE FITTING MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**E38** **CALSINO INC** **RCRA-SQG** **1025878930**
**South** **10943 WHEATLANDS AVE** **CAP000055343**
**< 1/8** **SANTEE, CA 92071**
**0.063 mi.**
**333 ft.** **Site 3 of 3 in cluster E**

**Relative:** **Higher**
**Actual:** **360 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19990810 |
| Handler Name: | CALSINO INC | |
| Handler Address: | | 10943 WHEATLANDS AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAP000055343 |
| Contact Name: | | JEANNIE AGUIRE |
| Contact Address: | | 11545 W BERNARDO CT STE 307 |
| Contact City,State,Zip: | | SAN DIEGO, CA 92127 |
| Contact Telephone: | | 858-207-1164 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 11545 W BERNARDO CT STE 307 |
| Mailing City,State,Zip: | | SAN DIEGO, CA 92127 |
| Owner Name: | INTERNATIONAL THUNDERBIRD | |
| Owner Type: | | Private |
| Operator Name: | Not reported | |
| Operator Type: | | Not reported |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |

**CALSINO INC (Continued)** **1025878930**

| | |
|---|---|
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20021022 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|---|---|
| Waste Code: | D001 |
| Waste Description: | IGNITABLE WASTE |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | INTERNATIONAL THUNDERBIRD |
| Legal Status: | Private |

**CALSINO INC (Continued)** **1025878930**

| | |
|---|---|
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11545 W BERNARDO CT STE 307 |
| Owner/Operator City,State,Zip: | SAN DIEGO, CA 92127 |
| Owner/Operator Telephone: | 858-451-3657 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19990810 |
| Handler Name: CALSINO INC | |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Codes: | No NAICS Codes Found |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

---

**G39** **JIMCO RACING INC** **RCRA NonGen / NLR** **1024868030**
**WSW** **9426 WHEATLANDS CT** **CAL000436632**
**< 1/8** **SANTEE, CA 92071**
**0.066 mi.**
**347 ft.** **Site 1 of 6 in cluster G**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20200303 |
| Handler Name: JIMCO RACING INC | |
| Handler Address: | 9426 WHEATLANDS CT |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000436632 |
| Contact Name: | MATTHEW LOIODICE |
| Contact Address: | 9426 WHEATLANDS CT |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-596-3360 |
| Contact Fax: | 619-596-3364 |
| Contact Email: | ACCOUNTING@JIMCORACING.COM |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Not a generator, verified |
| Non-Notifier: | Not reported |

**JIMCO RACING INC (Continued)** **1024868030**

| | | |
|---|---|---|
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9335 STEVENS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | ROBERT PIERCE | |
| Owner Type: | | Other |
| Operator Name: | MATTHEW LOIODICE | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |

**JIMCO RACING INC (Continued)** **1024868030**

| | |
|---|---|
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200303 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MATTHEW LOIODICE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9426 WHEATLANDS CT |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-596-3360 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MATTHEW LOIODICE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9426 WHEATLANDS CT |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-596-3360 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ROBERT PIERCE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-2424 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ROBERT PIERCE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-2424 |
| Owner/Operator Telephone Ext: | Not reported |

**JIMCO RACING INC (Continued)** **1024868030**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200303
Handler Name: JIMCO RACING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20180601
Handler Name: JIMCO RACING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**G40** **PHILIP THEARLE'S AUTOWERKS** **RCRA-SQG** **1000286340**
**WSW** **9426 WHEATLANDS COURT, STE C** **EMI** **CAD118586056**
**< 1/8** **SANTEE, CA 92071**
**0.066 mi.**
**347 ft.** **Site 2 of 6 in cluster G**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: PHILIP THEARLE'S AUTOWERKS
Handler Address: 9426 WHEATLANDS COURT, STE C
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAD118586056
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported

**PHILIP THEARLE'S AUTOWERKS (Continued)** **1000286340**

| | | |
|---|---|---|
| Contact Telephone: | | Not reported |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 9426 WHEATLANDS COURT, STE C |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | Not reported | |
| Owner Type: | | Not reported |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |

**PHILIP THEARLE'S AUTOWERKS (Continued)** **1000286340**

| | |
|---|---|
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: PHILIP THEARLE | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19960901 |
| Handler Name: PHILIP THEARLE'S AUTOWERKS | |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | CA |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |

**PHILIP THEARLE'S AUTOWERKS (Continued)** **1000286340**

Electronic Manifest Broker: Not reported

Receive Date: 19851104
Handler Name: PHILIP THEARLE'S AUTOWERKS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

EMI:
Name: THEARLES PHILIP AUTOWERKS
Address: 9426 WHEATLANDS CT
City,State,Zip: SANTEE, CA 920710000
Year: 1999
County Code: 37
Air Basin: SD
Facility ID: 85218
Air District Name: SD
SIC Code: 7532
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: THEARLES PHILIP AUTOWERKS
Address: 9426 WHEATLANDS CT
City,State,Zip: SANTEE, CA 920710000
Year: 2000
County Code: 37
Air Basin: SD
Facility ID: 85218
Air District Name: SD

**PHILIP THEARLE'S AUTOWERKS (Continued)** **1000286340**

| | |
|---|---|
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | THEARLES PHILIP AUTOWERKS |
| Address: | 9426 WHEATLANDS CT |
| City,State,Zip: | SANTEE, CA 920710000 |
| Year: | 2001 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 85218 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | THEARLES PHILIP AUTOWERKS |
| Address: | 9426 WHEATLANDS CT |
| City,State,Zip: | SANTEE, CA 920710000 |
| Year: | 2002 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 85218 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | THEARLES PHILIP AUTOWERKS |
| Address: | 9426 WHEATLANDS CT |
| City,State,Zip: | SANTEE, CA 920710000 |
| Year: | 2003 |
| County Code: | 37 |

**PHILIP THEARLE'S AUTOWERKS (Continued)** **1000286340**

| | |
|---|---|
| Air Basin: | SD |
| Facility ID: | 85218 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | THEARLES PHILIP AUTOWERKS |
| Address: | 9426 WHEATLANDS CT |
| City,State,Zip: | SANTEE, CA 920710000 |
| Year: | 2004 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 85218 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.69293302 |
| Reactive Organic Gases Tons/Yr: | 1.5614079 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | THEARLES PHILIP AUTOWERKS |
| Address: | 9426 WHEATLANDS CT |
| City,State,Zip: | SANTEE, CA 920710000 |
| Year: | 2005 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 85218 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.69293302 |
| Reactive Organic Gases Tons/Yr: | 1.5614079 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | THEARLES PHILIP AUTOWERKS |
| Address: | 9426 WHEATLANDS CT |

**PHILIP THEARLE'S AUTOWERKS (Continued)** **1000286340**

| | |
|---|---|
| City,State,Zip: | SANTEE, CA 920710000 |
| Year: | 2006 |
| County Code: | 37 |
| Air Basin: | SD |
| Facility ID: | 85218 |
| Air District Name: | SD |
| SIC Code: | 7532 |
| Air District Name: | SAN DIEGO COUNTY APCD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.69293302 |
| Reactive Organic Gases Tons/Yr: | 1.5614079 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

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**G41** **JIMCO RACING, INC** **RCRA NonGen / NLR** **1026052101**
**WSW** **9426 WHEATLANDS CT** **CAC003058993**
**< 1/8** **SANTEE, CA 92071**
**0.066 mi.**
**347 ft.** **Site 3 of 6 in cluster G**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20200306 |
| Handler Name: | JIMCO RACING, INC | |
| Handler Address: | | 9426 WHEATLANDS CT |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003058993 |
| Contact Name: | | ANITA STEWART |
| Contact Address: | | 9335 STEVENS RD |
| Contact City,State,Zip: | | SANTEE, CA 92071-2809 |
| Contact Telephone: | | 619-219-5133 |
| Contact Fax: | | Not reported |
| Contact Email: | | ANITA@30RACING.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9335 STEVENS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071-2809 |
| Owner Name: | ROBERT PIERCE | |
| Owner Type: | | Other |
| Operator Name: | ANITA STEWART | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |

**JIMCO RACING, INC (Continued)** **1026052101**

| | |
|---|---|
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200306 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: ANITA STEWART | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |

**JIMCO RACING, INC (Continued)** **1026052101**

| | |
|---|---|
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2809 |
| Owner/Operator Telephone: | 619-219-5133 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ROBERT PIERCE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2809 |
| Owner/Operator Telephone: | 619-562-2424 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20200306 |
| Handler Name: JIMCO RACING, INC | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 336320 |
| NAICS Description: | MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

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**G42** **JACK RANDALL S AUTOMOTIVE** **RCRA-SQG** **1000267072**
**SW** **10845 WHEATLANDS STE F** **FINDS** **CAD982516239**
**< 1/8** **SANTEE, CA 92071** **ECHO**
**0.068 mi.** **HAZNET**
**361 ft.** **Site 4 of 6 in cluster G** **HWTS**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 19890215 |
| Handler Name: | JACK RANDALL S AUTOMOTIVE |
| Handler Address: | 10845 WHEATLANDS STE F |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAD982516239 |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | | |
|---|---|---|
| Contact Name: | | ENVIRONMENTAL MANAGER |
| Contact Address: | | 10845 WHEATLANDS STE F |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-449-0899 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Other |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 10845 WHEATLANDS STE F |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | JACK RADDALL | |
| Owner Type: | | Private |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JACK RADDALL | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19890215 |
| Handler Name: JACK RANDALL S AUTOMOTIVE | |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | CA |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20040621
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

FINDS:
Registry ID: 110002838957

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000267072 |
| Registry ID: | 110002838957 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002838957 |
| Name: | JACK RANDALL S AUTOMOTIVE |
| Address: | 10845 WHEATLANDS STE F |
| City,State,Zip: | SANTEE, CA 92071 |

HAZNET:

| | |
|---|---|
| Name: | JACK RANDALL S AUTOMOTIVE |
| Address: | 10845 WHEATLANDS STE F |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 920710000 |
| Contact: | JACK RANDALL'S AUTOMOTIVE |
| Telephone: | 6194490899 |
| Mailing Name: | Not reported |
| Mailing Address: | 10845 WHEATLANDS AVE STE F |
| Year: | 2014 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 133 - Aqueous solution with total organic residues 10 percent or more |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.1 |
| Year: | 2011 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613976 |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| CA Waste Code: | 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals) |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.015 |
| | |
| Year: | 2010 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals) |
| Disposal Method: | - |
| Tons: | 0.1251 |
| | |
| Year: | 2009 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals) |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.1 |
| | |
| Year: | 2008 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals) |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.1251 |
| | |
| Year: | 2007 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613893 |
| CA Waste Code: | 342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals) |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.1251 |
| | |
| Year: | 2005 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613893 |
| CA Waste Code: | 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.02085 |
| | |
| Year: | 2003 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613893 |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.102 |
| | |
| Year: | 2003 |
| Gepaid: | CAD982516239 |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.14178 |
| | |
| Year: | 2002 |
| Gepaid: | CAD982516239 |
| TSD EPA ID: | CAT000613893 |
| CA Waste Code: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.05004 |

Click this hyperlink while viewing on your computer to access
6 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

| | |
|---|---|
| Year: | 2014 |
| Gen EPA ID: | CAD982516239 |
| | |
| Shipment Date: | 20140221 |
| Creation Date: | 6/10/2014 22:15:04 |
| Receipt Date: | 20140303 |
| Manifest ID: | 004122422SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERV INC |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 133 - Aqueous solution with 10% or more total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2011 |
| Gen EPA ID: | CAD982516239 |
| | |
| Shipment Date: | 20110929 |
| Creation Date: | 3/22/2012 20:30:11 |
| Receipt Date: | 20111004 |
| Manifest ID: | 002882782SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.015 |
| Waste Quantity: | 30 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2010 |
| Gen EPA ID: | CAD982516239 |
| Shipment Date: | 20100630 |
| Creation Date: | 1/24/2011 18:30:30 |
| Receipt Date: | 20100707 |
| Manifest ID: | 003320557FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2009 |
| Gen EPA ID: | CAD982516239 |
| Shipment Date: | 20090415 |
| Creation Date: | 8/17/2009 18:30:22 |
| Receipt Date: | 20090420 |
| Manifest ID: | 001737734SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2008 |
| Gen EPA ID: | CAD982516239 |
| Shipment Date: | 20080616 |
| Creation Date: | 10/13/2008 18:30:32 |
| Receipt Date: | 20080619 |
| Manifest ID: | 001093924SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2007 |
| Gen EPA ID: | CAD982516239 |
| Shipment Date: | 20070302 |
| Creation Date: | 2/23/2008 18:30:29 |
| Receipt Date: | 20070309 |
| Manifest ID: | 000179317SKS |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC 000798 |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2005 |
| Gen EPA ID: | CAD982516239 |
| Shipment Date: | 20050826 |
| Creation Date: | 4/13/2006 18:46:51 |
| Receipt Date: | 20050902 |
| Manifest ID: | 24350794 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 741 - Liquids with halogenated organic compounds > 1000 mg/l |
| RCRA Code: | D006 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.02085 |
| Waste Quantity: | 5 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAD982516239 |
| Shipment Date: | 20031031 |
| Creation Date: | 8/5/2004 10:07:02 |
| Receipt Date: | 20031110 |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Manifest ID: | 22642555 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.0417 |
| Waste Quantity: | 10 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030625 |
| Creation Date: | 7/22/2004 7:52:06 |
| Receipt Date: | 20030630 |
| Manifest ID: | 22318606 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.102 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030623 |
| Creation Date: | 7/22/2004 7:52:06 |
| Receipt Date: | 20030626 |
| Manifest ID: | 22318525 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030220 |
| Creation Date: | 5/18/2003 14:34:25 |
| Receipt Date: | 20030228 |
| Manifest ID: | 22181175 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2002 |
| Gen EPA ID: | CAD982516239 |
| | |
| Shipment Date: | 20021016 |
| Creation Date: | 2/6/2003 18:31:16 |
| Receipt Date: | 20021018 |
| Manifest ID: | 22056266 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAD982516239 |
| Shipment Date: | 20011001 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 20434304 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.11 |
| Waste Quantity: | 220 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20010202 |
| Creation Date: | 4/19/2001 0:00:00 |
| Receipt Date: | 20010206 |
| Manifest ID: | 20369382 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | SCR000074591 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.11 |
| Waste Quantity: | 220 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |

**JACK RANDALL S AUTOMOTIVE (Continued)** **1000267072**

Additional Code 5: Not reported

HWTS:

| | |
|---|---|
| Name: | JACK RANDALL S AUTOMOTIVE |
| Address: | 10845 WHEATLANDS STE F |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAD982516239 |
| Inactive Date: | 06/30/2016 |
| Create Date: | 06/15/1989 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 10845 WHEATLANDS AVE STE F |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 920712865 |
| Owner Name: | JACK RANDALL |
| Owner Address: | 10845 WHEATLANDS AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SANTEE, CA 920710000 |
| Contact Name: | JACK RANDALL'S AUTOMOTIVE |
| Contact Address: | 10845 WHEATLANDS AVE STE F |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | FEDERAL |
| Latitude: | 32.846658 |
| Longitude: | -116.96014 |

NAICS:

| | |
|---|---|
| EPA ID: | CAD982516239 |
| Create Date: | 2002-03-14 16:36:27.000 |
| NAICS Code: | 811111 |
| NAICS Description: | General Automotive Repair |
| Issued EPA ID Date: | 1989-06-15 00:00:00 |
| Inactive Date: | 2016-06-30 00:00:00 |
| Facility Name: | JACK RANDALL S AUTOMOTIVE |
| Facility Address: | 10845 WHEATLANDS STE F |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 920710000 |

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**G43** **KIFER HYDRAULICS CO INC DBA HOSETECH** **RCRA NonGen / NLR** **1024842542**
**West** **9440 WHEATLANDS CT STE 14** **CAL000393149**
**< 1/8** **SANTEE, CA 92071**
**0.078 mi.**
**414 ft.** **Site 5 of 6 in cluster G**

**Relative:** **Lower**

**Actual:** **350 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20140116 |
| Handler Name: | KIFER HYDRAULICS CO INC DBA HOSETECH |
| Handler Address: | 9440 WHEATLANDS CT STE 14 |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000393149 |
| Contact Name: | SHARIE CARTER |

**KIFER HYDRAULICS CO INC DBA HOSETECH (Continued)** **1024842542**

| | | |
|---|---|---|
| Contact Address: | | 1099 N. CUYAMACA ST |
| Contact City,State,Zip: | | EL CAJON, CA 92020 |
| Contact Telephone: | | 619-562-5673 |
| Contact Fax: | | 619-562-4623 |
| Contact Email: | | OFFICE.HOSETECH@YAHOO.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | PO BOX 710429 |
| Mailing City,State,Zip: | | SANTEE, CA 92072-0429 |
| Owner Name: | KIFER HYDRAULICS CO INC | |
| Owner Type: | | Other |
| Operator Name: | SHARIE CARTER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |

**KIFER HYDRAULICS CO INC DBA HOSETECH (Continued)** **1024842542**

| | |
|---|---|
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180906 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: KIFER HYDRAULICS CO INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 1099 N. CUYAMACA ST |
| Owner/Operator City,State,Zip: | EL CAJON, CA 92020-0000 |
| Owner/Operator Telephone: | 858-627-9592 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: SHARIE CARTER | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 1099 N. CUYAMACA ST |
| Owner/Operator City,State,Zip: | EL CAJON, CA 92020 |
| Owner/Operator Telephone: | 619-562-5673 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20140116 |
| Handler Name: KIFER HYDRAULICS CO INC DBA HOSETECH | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |

**KIFER HYDRAULICS CO INC DBA HOSETECH (Continued)** **1024842542**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42184
NAICS Description: INDUSTRIAL SUPPLIES WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**G44** **FUTURE MACHINE** **San Diego Co. HMMD** **S121626196**
**West** **9440 WHEATLANDS CT #2** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **NPDES**
**0.078 mi.** **CIWQS**
**414 ft.** **Site 6 of 6 in cluster G** **CERS**

**Relative:**
**Lower**

**Actual:**
**350 ft.**

HMMD SAN DIEGO:
Name: FUTURE MACHINE
Address: 9440 WHEATLANDS CT 2
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000280862
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-596-6970
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 02/10/2022
Facility Owner: Not reported
Facility Mailing Address: 9440 WHEATLANDS CT #2, SANTEE, CA 92071-2831
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2002-HUPFP-113590
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-113590
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4093904
Return To Compliance Date: 2015-02-25T00:00:00.000
Nov: Not reported

**FUTURE MACHINE (Continued)** **S121626196**

Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-02-10T00:52:52.000
Inspection Date: 2015-02-25T00:00:00.000
Violation Code: 1010003 Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page; 19 CCR 4 2729.2(a)(1).

Waste and Materials:
Record ID: DEH2002-HUPFP-113590
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0043425
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-06-07T02:33:50.000
Chemical Name: Waste oily water
Common Name: Waste Oily Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-113590
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0115236
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-10T00:52:52.000
Chemical Name: Waste oily water
Common Name: Waste Oily Water
Case Number: Not reported

CERS HAZ WASTE:
Name: FUTURE MACHINE
Address: 9440 WHEATLANDS CT #2
City,State,Zip: SANTEE, CA 92071
Site ID: 118392
CERS ID: 10376878
CERS Description: Hazardous Waste Generator

NPDES:
Name: FUTURE MACHINE
Address: 9440 WHEATLANDS COURT
City,State,Zip: SANTEE, CA
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 9 37NNA000513
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported

**FUTURE MACHINE (Continued)** **S121626196**

| | |
|---|---|
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | NONA Submitted |
| Status Date: | 03/05/2020 |
| Operator Name: | Future Machine |
| Operator Address: | 9440 Wheatlands Court |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |

CIWQS:

| | |
|---|---|
| Name: | CALIFORNIA STONE WORKS |
| Address: | 9440 WHEATLANDS COURT STE 14 |
| City,State,Zip: | SANTEE, CA 92071 |
| Agency: | Rick Sullivan |
| Agency Address: | 9440 Wheatlands Court Ste 14, Santee, CA 92071 |
| Place/Project Type: | Industrial - Fabricated Structural Metal |
| SIC/NAICS: | 3441 |
| Region: | 9 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 9 37I021052 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 08/07/2007 |
| Termination Date: | 10/07/2010 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 32.84713 |
| Longitude: | -116.96166 |

CERS:

| | |
|---|---|
| Name: | FUTURE MACHINE |
| Address: | 9440 WHEATLANDS CT #2 |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 118392 |
| CERS ID: | 10376878 |
| CERS Description: | Chemical Storage Facilities |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-31-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |

**FUTURE MACHINE (Continued)** **S121626196**

Eval Notes: Inspector: Kieu Bridget Inspection ID:5613477
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6866687
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-25-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4093904
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6101865
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Stephen Jaynes
Entity Title: Not reported
Affiliation Address: 9440 WHEATLANDS CT #2
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 596-6970,

Affiliation Type Desc: Operator
Entity Name: Stephen Jaynes
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 596-6970,

Affiliation Type Desc: Parent Corporation
Entity Name: FUTURE MACHINE
Entity Title: Not reported
Affiliation Address: Not reported

**FUTURE MACHINE (Continued)** **S121626196**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Stephen Jaynes |
| Entity Title: | Not reported |
| Affiliation Address: | 9440 Wheatlands Ct #2 |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9440 WHEATLANDS CT #2 |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071-2831 |
| Affiliation Phone: | , |

---

**H45** **S&J BUILDERS & RESTORATION SERVICES INC** **RCRA NonGen / NLR** **1024819143**
**SW** **10815 WHEATLANDS AVE STE J** **CAL000328326**
**< 1/8** **SANTEE, CA 92071**
**0.088 mi.**
**464 ft.** **Site 1 of 11 in cluster H**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20071231 |
| Handler Name: | S&J BUILDERS & RESTORATION SERVICES INC |
| Handler Address: | 10815 WHEATLANDS AVE STE J |
| Handler City,State,Zip: | SANTEE, CA 92071-2872 |
| EPA ID: | CAL000328326 |
| Contact Name: | SEAN WILSON |
| Contact Address: | 10815 WHEATLANDS AVE STE J |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-449-2014 |
| Contact Fax: | 619-449-0887 |
| Contact Email: | SWILSON@SANDJBUILD.COM |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |

**S&J BUILDERS & RESTORATION SERVICES INC (Continued)** **1024819143**

| | | |
|---|---|---|
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10815 WHEATLANDS AVE STE J |
| Mailing City,State,Zip: | | SANTEE, CA 92071-2872 |
| Owner Name: | S&J BUILDERS & RESTORATION SRVC INC | |
| Owner Type: | | Other |
| Operator Name: | SEAN WILSON | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |

**S&J BUILDERS & RESTORATION SERVICES INC (Continued)** **1024819143**

| | |
|---|---|
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | S&J BUILDERS & RESTORATION SRVC INC |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10815 WHEATLANDS AVE STE J |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2872 |
| Owner/Operator Telephone: | 619-448-2014 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: | SEAN WILSON |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10815 WHEATLANDS AVE STE J |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-449-2014 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20071231 |
| Handler Name: | S&J BUILDERS & RESTORATION SERVICES INC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 23321 |
| NAICS Description: | SINGLE FAMILY HOUSING CONSTRUCTION |

**S&J BUILDERS & RESTORATION SERVICES INC (Continued)** **1024819143**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**H46** **ALUMI CRAFT INC** **RCRA NonGen / NLR** **1024815494**
**SW** **10815 WHEATLANDS AVE STE I** **CAL000313817**
**< 1/8** **SANTEE, CA 92071**
**0.088 mi.**
**464 ft.** **Site 2 of 11 in cluster H**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210618 |
| Handler Name: | ALUMI CRAFT INC | |
| Handler Address: | | 10815 WHEATLANDS AVE STE I |
| Handler City,State,Zip: | | SANTEE, CA 92071-2872 |
| EPA ID: | | CAL000313817 |
| Contact Name: | | GRINDLE COOLEY |
| Contact Address: | | 10815 WHEATLANDS AVE STE I |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-596-9841 |
| Contact Fax: | | Not reported |
| Contact Email: | | ALUMICRAFT1996@GMAIL.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10815 WHEATLANDS AVE STE I |
| Mailing City,State,Zip: | | SANTEE, CA 92071-2872 |
| Owner Name: | ALUMI CRAFT INC | |
| Owner Type: | | Other |
| Operator Name: | GRINDLE COOLEY | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |

**ALUMI CRAFT INC (Continued)** **1024815494**

| | |
|---|---|
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210621 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ALUMI CRAFT INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10815 WHEATLANDS AVE STE I |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2872 |
| Owner/Operator Telephone: | 619-596-9841 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: GRINDLE COOLEY | |
| Legal Status: | Other |

**ALUMI CRAFT INC (Continued)** **1024815494**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10815 WHEATLANDS AVE STE I
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-596-9841
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALUMI CRAFT INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10815 WHEATLANDS AVE STE I
Owner/Operator City,State,Zip: SANTEE, CA 92071-2872
Owner/Operator Telephone: 619-596-9841
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GRINDLE COOLEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10815 WHEATLANDS AVE STE I
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-596-9841
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210618
Handler Name: ALUMI CRAFT INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20061128
Handler Name: ALUMI CRAFT INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

**ALUMI CRAFT INC (Continued)** **1024815494**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**H47** **ALUMICRAFT LLC** **RCRA NonGen / NLR** **1026828283**
**SW** **10815 WHEATLANDS AVE STE I** **CAL000463276**
**< 1/8** **SANTEE, CA 92071**
**0.088 mi.**
**464 ft.** **Site 3 of 11 in cluster H**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210608 |
| Handler Name: | ALUMICRAFT LLC | |
| Handler Address: | | 10815 WHEATLANDS AVE STE I |
| Handler City,State,Zip: | | SANTEE, CA 92071-2872 |
| EPA ID: | | CAL000463276 |
| Contact Name: | | MATT MAJOR |
| Contact Address: | | 10815 WHEATLANDS AVE STE I |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-772-2441 |
| Contact Fax: | | Not reported |
| Contact Email: | | ALUMICRAFTINFO@GMAIL.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 31805 TEMCULA PKWY #211 |
| Mailing City,State,Zip: | | TEMECULA, CA 92592 |
| Owner Name: | ALUMICRAFT INC | |
| Owner Type: | | Other |
| Operator Name: | MATT MAJOR | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |

**ALUMICRAFT LLC (Continued)** **1026828283**

| | |
|---|---|
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210618 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MATT MAJOR | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10815 WHEATLANDS AVE STE I |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |

**ALUMICRAFT LLC (Continued)** **1026828283**

Owner/Operator Telephone: 619-772-2441
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALUMICRAFT INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 31805 TEMECULA PKWY #211
Owner/Operator City,State,Zip: TEMECULA, CA 92592
Owner/Operator Telephone: 760-822-1358
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210608
Handler Name: ALUMICRAFT LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 336999
NAICS Description: ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**H48** **ALUMICRAFT LLC** **San Diego Co. HMMD** **S106072170**
**SW** **10815 WHEATLANDS AVE STE I** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **NPDES**
**0.088 mi.** **CERS**
**464 ft.** **Site 4 of 11 in cluster H** **HWTS**

**Relative: Higher**
**Actual: 356 ft.**

HMMD SAN DIEGO:
Name: ALUMICRAFT LLC
Address: 10815 WHEATLANDS AVE I
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000463276
APN: Not reported

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 7603170963 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 05/04/2022 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 31805 Temecula Parkway #211, Temecula, CA 92592 |
| Facility Mailing City: | Not reported |
| Facility Mailing State: | Not reported |
| Facility Mailing Zip: | Not reported |
| UST Owner: | N |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | N |
| Generate Medical Waste: | Not reported |

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4087300 |
| Return To Compliance Date: | 2015-03-06T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2015-02-13T00:00:00.000 |
| Violation Code: | 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5607029 |
| Return To Compliance Date: | 2016-12-27T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2016-12-13T17:31:00.000 |
| Violation Code: | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6064209 |
| Return To Compliance Date: | 2019-02-20T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2019-01-08T00:00:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 6745978 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2022-02-01T00:00:00.000 |
| Violation Code: | HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 5607029 |
| Return To Compliance Date: | 2016-12-27T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2016-12-13T17:31:00.000 |
| Violation Code: | 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12 |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Inspection Number: | 6745978 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2022-02-01T00:00:00.000 |
| Violation Code: | HMD0000 HAZARDOUS MATERIALS REQUIREMENTS |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4087300 |
| Return To Compliance Date: | 2015-03-06T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2015-02-13T00:00:00.000 |
| Violation Code: | 1010002 Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet; HSC 6.95 25508(a)1A |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 6745978 |
| Return To Compliance Date: | 2022-03-18T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2022-02-01T00:00:00.000 |
| Violation Code: | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4087300 |
| Return To Compliance Date: | 2015-03-06T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2015-02-13T00:00:00.000 |
| Violation Code: | 1010003 Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page; 19 CCR 4 2729.2(a)(1). |
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6064209 |
| Return To Compliance Date: | 2019-01-08T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2019-01-08T00:00:00.000 |
| Violation Code: | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 6745978 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2022-02-01T00:00:00.000 |
| Violation Code: | HMD0001 RECORD KEEPING/OPERATIONAL REQUIREMENTS |
| Record ID: | DEH2003-HUPFP-202231 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202231 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 6745978 |
| Return To Compliance Date: | 2022-03-04T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-05-04T01:17:48.000 |
| Inspection Date: | 2022-02-01T00:00:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or |

**ALUMICRAFT LLC (Continued)** **S106072170**

employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-202231
Program Element: Hazardous Waste Generator
Inspection Type: Initial Inspection
Inspection Number: 6745978
Return To Compliance Date: 2022-02-07T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-05-04T01:17:48.000
Inspection Date: 2022-02-01T00:00:00.000
Violation Code: 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)

Waste and Materials:
Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104355
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T00:31:39.000
Chemical Name: WASTE 213 HYDROCARBON SOLVENTS
Common Name: ZEP PETROLEUM SOLVENT
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0326926
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-05-04T01:17:48.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205062
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-28T02:33:43.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y

**ALUMICRAFT LLC (Continued)** **S106072170**

Child Record Id: DEH2019-HWAST-0177053
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-28T02:33:43.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177054
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-28T02:33:43.000
Chemical Name: Stoddard Solvent
Common Name: Solvent Waste
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0285578
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-31T02:30:47.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0285579
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-31T02:30:47.000
Chemical Name: Stoddard Solvent
Common Name: Solvent Waste
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0326924
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-05-04T01:17:48.000
Chemical Name: Gasoline, C5-11, high-octane stabilized reformed
Common Name: High octane stabilized reformed C5-11-gasoline
Case Number: 93572-29-3

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0326925
Trade Secret: N

**ALUMICRAFT LLC (Continued)** **S106072170**

Hazardous Material Type: Pure
Last Updated: 2022-05-04T01:17:48.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0293798
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-04T01:17:48.000
Chemical Name: Ethylene Glycol
Common Name: Ethylene Glycol
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0293799
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-04T01:17:48.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0293800
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-05-04T01:17:48.000
Chemical Name: Stoddard Solvent
Common Name: Stoddard Solvent
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0318603
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-31T02:30:47.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0318604
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-31T02:30:47.000

**ALUMICRAFT LLC (Continued)** **S106072170**

Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125540
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T00:31:39.000
Chemical Name: ARGON/CARBON DIOXIDE MIG MIX/STEEL MIX
Common Name: ARGON/CARBON DIOXIDE MIG MIX/STEEL MIX
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125541
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T00:31:39.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104354
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T00:31:39.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2003-HUPFP-202231
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205061
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-28T02:33:43.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Name: ALUMI CRAFT INC
Address: 10815 WHEATLANDS AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 202231
Business Type: 6HK35
EPA Id Number: CAL000313817
APN: 381-540-36-17
Last HMMD Inspection: 06/10/2011

**ALUMICRAFT LLC (Continued)** **S106072170**

Facility Telephone: 619-596-9841
Permit Status: OPEN
Permit Expiration: 01/31/2013
Date Last Updated: 11/02/2012
Facility Owner: ALUMI CRAFT INC
Facility Mailing Address: 10815 WHEATLANDS AVE #I
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 202231
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON/CARBON DIOXIDE MIG MIX/STEEL MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: ZEP PETROLEUM SOLVENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 07/21/2008
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector’s review. 25505(e)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 07/21/2008

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 06/10/2011 |
| Violation Code: | 6HV0132 |
| Violation: | EPA ID NUMBER NOT OBTAINED/MAINTAINED |
| Violation Citation: | Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 06/10/2011 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 06/10/2011 |
| Violation Code: | 6HV0225 |
| Violation: | ACCUMULATED HW>180 OR >270 DAYS |
| Violation Citation: | Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste] |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/08/2003 |
| Violation Code: | 6HV1001 |
| Violation: | NO UPF PERMIT FOR HAZMATS |
| Violation Citation: | A Unified Program Facility permit has not been obtained for hazardous materials. 68.905 |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/08/2003 |
| Violation Code: | 6HV1002 |
| Violation: | HMBP NOT ESTABISHED/IMPLEMENTED. |
| Violation Citation: | Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/08/2003 |
| Violation Code: | 6HV1011 |
| Violation: | TRAINING RECORDS NOT AVAILABLE |
| Violation Citation: | Personnel training records not available. 19 CCR 2732 |

**ALUMICRAFT LLC (Continued)** **S106072170**

Activity: ACTIVE

Name: ALUMI CRAFT INC
Address: 10815 WHEATLANDS AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 202231
Business Type: 6HK35
EPA Id Number: CAL000313817
APN: 381-540-36-17
Last HMMD Inspection: 06/10/2011
Facility Telephone: 619-596-9841
Permit Status: OPEN
Permit Expiration: 01/31/2013
Date Last Updated: 11/02/2012
Facility Owner: ALUMI CRAFT INC
Facility Mailing Address: 10815 WHEATLANDS AVE #I
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 202231
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON/CARBON DIOXIDE MIG MIX/STEEL MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: ZEP PETROLEUM SOLVENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 07/21/2008 |
| Violation Code: | 6HV1013 |
| Violation: | HMBP NOT AVAILABLE FOR REVIEW |
| Violation Citation: | Copy of HMBP not onsite for inspector's review. 25505(e) |
| Activity: | ACTIVE |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 07/21/2008 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 06/10/2011 |
| Violation Code: | 6HV0132 |
| Violation: | EPA ID NUMBER NOT OBTAINED/MAINTAINED |
| Violation Citation: | Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a) |
| Activity: | ACTIVE |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 06/10/2011 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 06/10/2011 |
| Violation Code: | 6HV0225 |
| Violation: | ACCUMULATED HW>180 OR >270 DAYS |
| Violation Citation: | Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste] |
| Activity: | ACTIVE |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/08/2003 |
| Violation Code: | 6HV1001 |
| Violation: | NO UPF PERMIT FOR HAZMATS |
| Violation Citation: | A Unified Program Facility permit has not been obtained for hazardous materials. 68.905 |
| Activity: | ACTIVE |
| Permit Number: | 202231 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/08/2003 |
| Violation Code: | 6HV1002 |

**ALUMICRAFT LLC (Continued)** **S106072170**

Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 08/08/2003
Violation Code: 6HV1011
Violation: TRAINING RECORDS NOT AVAILABLE
Violation Citation: Personnel training records not available. 19 CCR 2732
Activity: ACTIVE

Name: ALUMI CRAFT INC
Address: 10815 WHEATLANDS AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 202231
Business Type: 6HK35
EPA Id Number: CAL000313817
APN: 381-540-36-17
Last HMMD Inspection: 06/10/2011
Facility Telephone: 619-596-9841
Permit Status: OPEN
Permit Expiration: 01/31/2013
Date Last Updated: 11/02/2012
Facility Owner: ALUMI CRAFT INC
Facility Mailing Address: 10815 WHEATLANDS AVE #I
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 202231
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON/CARBON DIOXIDE MIG MIX/STEEL MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: ZEP PETROLEUM SOLVENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

**ALUMICRAFT LLC (Continued)** **S106072170**

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 07/21/2008
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 07/21/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 06/10/2011
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 06/10/2011
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 06/10/2011
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 08/08/2003

**ALUMICRAFT LLC (Continued)** **S106072170**

Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 08/08/2003
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 08/08/2003
Violation Code: 6HV1011
Violation: TRAINING RECORDS NOT AVAILABLE
Violation Citation: Personnel training records not available. 19 CCR 2732
Activity: ACTIVE

Name: ALUMI CRAFT INC
Address: 10815 WHEATLANDS AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 202231
Business Type: 6HK35
EPA Id Number: CAL000313817
APN: 381-540-36-17
Last HMMD Inspection: 06/10/2011
Facility Telephone: 619-596-9841
Permit Status: OPEN
Permit Expiration: 01/31/2013
Date Last Updated: 11/02/2012
Facility Owner: ALUMI CRAFT INC
Facility Mailing Address: 10815 WHEATLANDS AVE #I
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 202231
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON/CARBON DIOXIDE MIG MIX/STEEL MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

**ALUMICRAFT LLC (Continued)** **S106072170**

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: ZEP PETROLEUM SOLVENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202231
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 07/21/2008
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector's review. 25505(e)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 07/21/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 06/10/2011
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 06/10/2011
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 06/10/2011

**ALUMICRAFT LLC (Continued)** **S106072170**

Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 08/08/2003
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 08/08/2003
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 202231
Update Date: 11/02/2012
Inspection Date: 08/08/2003
Violation Code: 6HV1011
Violation: TRAINING RECORDS NOT AVAILABLE
Violation Citation: Personnel training records not available. 19 CCR 2732
Activity: ACTIVE

CERS HAZ WASTE:
Name: ALUMICRAFT LLC
Address: 10815 WHEATLANDS AVE STE I
City,State,Zip: SANTEE, CA 92071
Site ID: 91374
CERS ID: 10377040
CERS Description: Hazardous Waste Generator

NPDES:
Name: ALUMI CRAFT
Address: 10815 WHEATLANDS AVE
City,State,Zip: SANTEE, CA 92071
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 9 37IN606943
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | No Action Required |
| Status Date: | 09/09/2021 |
| Operator Name: | Alumi Craft |
| Operator Address: | 10815 Wheatlands Ave |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |

CERS:

| | |
|---|---|
| Name: | ALUMICRAFT LLC |
| Address: | 10815 WHEATLANDS AVE STE I |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 91374 |
| CERS ID: | 10377040 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 91374 |
| Site Name: | Alumicraft LLC |
| Violation Date: | 12-13-2016 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Returned to compliance on 12/27/2016. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 91374 |
| Site Name: | Alumicraft LLC |
| Violation Date: | 02-01-2022 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Inspection Sequence ID:6745978 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 91374 |
| Site Name: | Alumicraft LLC |
| Violation Date: | 01-08-2019 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in |

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| | safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 02/20/2019. Inspection Sequence ID:6064209 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 91374 |
| Site Name: | Alumicraft LLC |
| Violation Date: | 01-08-2019 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Returned to compliance on 01/08/2019. Inspection Sequence ID:6064209 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 91374 |
| Site Name: | Alumicraft LLC |
| Violation Date: | 02-01-2022 |
| Citation: | HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Inspection Sequence ID:6745978 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 91374 |
| Site Name: | Alumicraft LLC |
| Violation Date: | 02-13-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 03/06/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 91374 |
| Site Name: | Alumicraft LLC |
| Violation Date: | 02-13-2015 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 03/06/2015. |

**ALUMICRAFT LLC (Continued)** **S106072170**

Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 91374
Site Name: Alumicraft LLC
Violation Date: 02-13-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 03/06/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 91374
Site Name: Alumicraft LLC
Violation Date: 02-01-2022
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Inspection Sequence ID:6745978
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 91374
Site Name: Alumicraft LLC
Violation Date: 12-13-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/27/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6064209
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2022
Violations Found: Yes

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6745978 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-01-2022 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6745978 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-13-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Santos Steven Inspection ID:4087300 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-13-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5607029 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-08-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6064209 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-13-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Santos Steven Inspection ID:4087300 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-13-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5607029 |
| Eval Division: | San Diego County Department of Env Health |

**ALUMICRAFT LLC (Continued)** **S106072170**

Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Andrew Deremer
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10815 Wheatlands Ave Ste I
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Tristan Fleming
Entity Title: Not reported
Affiliation Address: 31805 Temecula Parkway #211
Affiliation City: Temecula
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92592
Affiliation Phone: (760) 317-0963,

Affiliation Type Desc: Parent Corporation
Entity Name: Alumicraft LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Matt Fleming
Entity Title: Not reported

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Affiliation Address: | 10815 Wheatlands Ave Ste I |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| Affiliation Type Desc: | Operator |
| Entity Name: | Tristan Fleming |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (760) 317-0963, |

HWTS:

| | |
|---|---|
| Name: | ALUMICRAFT LLC |
| Address: | 10815 WHEATLANDS AVE STE I |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000463277 |
| Inactive Date: | 06/30/2021 |
| Create Date: | 06/08/2021 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 31805 TEMCULA PKWY #211 |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | TEMECULA, CA 92592 |
| Owner Name: | ALUMICRAFT INC |
| Owner Address: | 31805 TEMECULA PKWY #211 |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | TEMECULA, CA 92592 |
| Contact Name: | MATT MAJOR |
| Contact Address: | 10815 WHEATLANDS AVE STE I |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.8464 |
| Longitude: | -116.96169 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000463277 |
| Create Date: | 2021-06-08 13:13:02.487 |
| NAICS Code: | 336999 |
| NAICS Description: | All Other Transportation Equipment Manufacturing |
| Issued EPA ID Date: | 2021-06-08 13:13:02.47700 |
| Inactive Date: | Not reported |
| Facility Name: | ALUMICRAFT LLC |
| Facility Address: | 10815 WHEATLANDS AVE STE I |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |

**ALUMICRAFT LLC (Continued)** **S106072170**

Facility State: CA
Facility Zip: 920712872

Name: ALUMICRAFT LLC
Address: 10815 WHEATLANDS AVE STE I
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000463278
Inactive Date: 06/30/2021
Create Date: 06/08/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 31805 TEMCULA PKWY #211
Mailing Address 2: Not reported
Mailing City,State,Zip: TEMECULA, CA 92592
Owner Name: ALUMICRAFT INC
Owner Address: 31805 TEMECULA PKWY #211
Owner Address 2: Not reported
Owner City,State,Zip: TEMECULA, CA 92592
Contact Name: MATT MAJOR
Contact Address: 10815 WHEATLANDS AVE STE I
Contact Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.8464
Longitude: -116.96169

NAICS:
EPA ID: CAL000463278
Create Date: 2021-06-08 13:13:18.383
NAICS Code: 336999
NAICS Description: All Other Transportation Equipment Manufacturing
Issued EPA ID Date: 2021-06-08 13:13:18.38300
Inactive Date: Not reported
Facility Name: ALUMICRAFT LLC
Facility Address: 10815 WHEATLANDS AVE STE I
Facility Address 2: Not reported
Facility City: SANTEE
Facility County: Not reported
Facility State: CA
Facility Zip: 920712872

Name: ALUMICRAFT LLC
Address: 10815 WHEATLANDS AVE STE I
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000463276
Inactive Date: Not reported
Create Date: 06/08/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 31805 TEMCULA PKWY #211
Mailing Address 2: Not reported
Mailing City,State,Zip: TEMECULA, CA 92592

**ALUMICRAFT LLC (Continued)** **S106072170**

| | |
|---|---|
| Owner Name: | ALUMICRAFT INC |
| Owner Address: | 31805 TEMECULA PKWY #211 |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | TEMECULA, CA 92592 |
| Contact Name: | TRISTAN FLEMING |
| Contact Address: | 10815 WHEATLANDS AVENUE SUITE I |
| Contact Address 2: | Not reported |
| City,State,Zip: | TEMECULA, CA 925950000 |
| Facility Status: | Active |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.8464 |
| Longitude: | -116.96169 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000463276 |
| Create Date: | 2021-06-08 13:12:55.660 |
| NAICS Code: | 336999 |
| NAICS Description: | All Other Transportation Equipment Manufacturing |
| Issued EPA ID Date: | 2021-06-08 13:12:55.65300 |
| Inactive Date: | Not reported |
| Facility Name: | ALUMICRAFT LLC |
| Facility Address: | 10815 WHEATLANDS AVE STE I |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 920712872 |

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**H49** **ALUMICRAFT LLC** **RCRA NonGen / NLR** **1026828285**
**SW** **10815 WHEATLANDS AVE STE I** **CAL000463278**
**< 1/8** **SANTEE, CA 92071**
**0.088 mi.**
**464 ft.** **Site 5 of 11 in cluster H**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210608 |
| Handler Name: | ALUMICRAFT LLC | |
| Handler Address: | | 10815 WHEATLANDS AVE STE I |
| Handler City,State,Zip: | | SANTEE, CA 92071-2872 |
| EPA ID: | | CAL000463278 |
| Contact Name: | | MATT MAJOR |
| Contact Address: | | 10815 WHEATLANDS AVE STE I |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-772-2441 |
| Contact Fax: | | Not reported |
| Contact Email: | | ALUMICRAFTINFO@GMAIL.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |

**ALUMICRAFT LLC (Continued)** **1026828285**

| | | |
|---|---|---|
| Mailing Address: | | 31805 TEMCULA PKWY #211 |
| Mailing City,State,Zip: | | TEMECULA, CA 92592 |
| Owner Name: | ALUMICRAFT INC | |
| Owner Type: | | Other |
| Operator Name: | MATT MAJOR | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20210618 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |
| Importer of Spent Lead Acid Batteries: | | No |

**ALUMICRAFT LLC (Continued)** **1026828285**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MATT MAJOR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10815 WHEATLANDS AVE STE I
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-772-2441
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALUMICRAFT INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 31805 TEMECULA PKWY #211
Owner/Operator City,State,Zip: TEMECULA, CA 92592
Owner/Operator Telephone: 760-822-1358
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210608
Handler Name: ALUMICRAFT LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 336999
NAICS Description: ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**H50** **ALUMICRAFT LLC** **RCRA NonGen / NLR** **1026828284**
**SW** **10815 WHEATLANDS AVE STE I** **CAL000463277**
**< 1/8** **SANTEE, CA 92071**
**0.088 mi.**
**464 ft.** **Site 6 of 11 in cluster H**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210608 |
| Handler Name: | ALUMICRAFT LLC | |
| Handler Address: | | 10815 WHEATLANDS AVE STE I |
| Handler City,State,Zip: | | SANTEE, CA 92071-2872 |
| EPA ID: | | CAL000463277 |
| Contact Name: | | MATT MAJOR |
| Contact Address: | | 10815 WHEATLANDS AVE STE I |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-772-2441 |
| Contact Fax: | | Not reported |
| Contact Email: | | ALUMICRAFTINFO@GMAIL.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 31805 TEMCULA PKWY #211 |
| Mailing City,State,Zip: | | TEMECULA, CA 92592 |
| Owner Name: | ALUMICRAFT INC | |
| Owner Type: | | Other |
| Operator Name: | MATT MAJOR | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**ALUMICRAFT LLC (Continued)** **1026828284**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210618 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ALUMICRAFT INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 31805 TEMECULA PKWY #211 |
| Owner/Operator City,State,Zip: | TEMECULA, CA 92592 |
| Owner/Operator Telephone: | 760-822-1358 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MATT MAJOR | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10815 WHEATLANDS AVE STE I |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-772-2441 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**ALUMICRAFT LLC (Continued)** **1026828284**

Historic Generators:
Receive Date: 20210608
Handler Name: ALUMICRAFT LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 336999
NAICS Description: ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**I51** **SANTEE COLLISION CENTER** **RCRA NonGen / NLR** **1024818267**
**SSW** **9356 WHEATLANDS RD** **CAL000325001**
**< 1/8** **SANTEE, CA 92071**
**0.096 mi.**
**507 ft.** **Site 1 of 5 in cluster I**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

RCRA Listings:
Date Form Received by Agency: 20070918
Handler Name: SANTEE COLLISION CENTER
Handler Address: 9356 WHEATLANDS RD
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000325001
Contact Name: CANDICE MEANS
Contact Address: 9356 WHEATLANDS RD STE A
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-596-5822
Contact Fax: 619-596-5844
Contact Email: SANTEECOLLISION@SBCGLOBAL.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 9356 WHEATLANDS RD STE A
Mailing City,State,Zip: SANTEE, CA 92071-0000
Owner Name: CANDICE MEANS

**SANTEE COLLISION CENTER (Continued)** **1024818267**

| | | |
|---|---|---|
| Owner Type: | | Other |
| Operator Name: | CANDICE MEANS | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20180905 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |
| Importer of Spent Lead Acid Batteries: | | No |
| Exporter of Spent Lead Acid Batteries: | | No |
| Recycler Activity Without Storage: | | No |
| Manifest Broker: | | No |

**SANTEE COLLISION CENTER (Continued)** **1024818267**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CANDICE MEANS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9356 WHEATLANDS RD STE A
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-596-5822
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CANDICE MEANS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8145 AEDAN CT
Owner/Operator City,State,Zip: SAN DIEGO, CA 92120-0000
Owner/Operator Telephone: 619-518-7878
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20070918
Handler Name: SANTEE COLLISION CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811118
NAICS Description: OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**I52** **SANTEE COLLISION CENTER INC** **San Diego Co. HMMD** **S106063881**
**SSW** **9356 WHEATLANDS RD** **CERS HAZ WASTE** **N/A**
**< 1/8** **SANTEE, CA 92071** **CERS**
**0.096 mi.**
**507 ft.** **Site 2 of 5 in cluster I**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | WEST COAST FURNITURE |
| Address: | 9356 WHEATLANDS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 133442 |
| Business Type: | 6HK70 |
| EPA Id Number: | Not reported |
| APN: | 381-540-23-00 |
| Last HMMD Inspection: | 10/02/1992 |
| Facility Telephone: | 619-448-9311 |
| Permit Status: | INAC |
| Permit Expiration: | 11/30/1992 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | BILL MINTEER |
| Facility Mailing Address: | 9356 WHEATLANDS RD #B |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071- |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

| | |
|---|---|
| Name: | SANTEE COLLISION CENTER INC |
| Address: | 9356 WHEATLANDS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 208313 |
| Business Type: | 6HK27 |
| EPA Id Number: | CAL000325001 |
| APN: | 381-540-23-00 |
| Last HMMD Inspection: | 04/04/2011 |
| Facility Telephone: | 619-596-5822 |
| Permit Status: | OPEN |
| Permit Expiration: | 12/31/2012 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | SANTEE COLLISION CENTER INC |
| Facility Mailing Address: | 9356 WHEATLANDS RD |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 208313 |
| Update Date: | 11/02/2012 |

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: WASTE PAINT & RELATED MATERIALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 208313
Update Date: 11/02/2012
Inspection Date: 09/04/2007
Violation Code: 6HV0234
Violation: FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity: ACTIVE

Permit Number: 208313
Update Date: 11/02/2012
Inspection Date: 09/04/2007
Violation Code: 6HV0408

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

| | |
|---|---|
| Violation: | FAILED TO POST ER PLAN BY PHONE |
| Violation Citation: | Small quantity generator of hazardous waste failed to post emergency response plan by phone. CFR 262.34(d)(5)(ii) |
| Activity: | ACTIVE |
| Permit Number: | 208313 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 04/04/2011 |
| Violation Code: | 6HV0131 |
| Violation: | UPF Permit NOT OBTAINED for HAZWASTE |
| Violation Citation: | A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905 |
| Activity: | ACTIVE |
| Permit Number: | 208313 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 04/04/2011 |
| Violation Code: | 6HV1001 |
| Violation: | NO UPF PERMIT FOR HAZMATS |
| Violation Citation: | A Unified Program Facility permit has not been obtained for hazardous materials. 68.905 |
| Activity: | ACTIVE |
| Name: | SANTEE COLLISION CENTER INC |
| Address: | 9356 WHEATLANDS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 208313 |
| Business Type: | 6HK27 |
| EPA Id Number: | CAL000325001 |
| APN: | 381-540-23-00 |
| Last HMMD Inspection: | 04/04/2011 |
| Facility Telephone: | 619-596-5822 |
| Permit Status: | OPEN |
| Permit Expiration: | 12/31/2012 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | SANTEE COLLISION CENTER INC |
| Facility Mailing Address: | 9356 WHEATLANDS RD |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 208313 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-85-7 |
| Name: | PROPANE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | PRESSURE RELEASE |

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 208313
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: WASTE PAINT & RELATED MATERIALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 208313
Update Date: 11/02/2012
Inspection Date: 09/04/2007
Violation Code: 6HV0234
Violation: FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity: ACTIVE

Permit Number: 208313
Update Date: 11/02/2012
Inspection Date: 09/04/2007
Violation Code: 6HV0408
Violation: FAILED TO POST ER PLAN BY PHONE
Violation Citation: Small quantity generator of hazardous waste failed to post emergency response plan by phone. CFR 262.34(d)(5)(ii)
Activity: ACTIVE

Permit Number: 208313
Update Date: 11/02/2012

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

Inspection Date: 04/04/2011
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Permit Number: 208313
Update Date: 11/02/2012
Inspection Date: 04/04/2011
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

CERS HAZ WASTE:
Name: SANTEE COLLISION CENTER INC
Address: 9356 WHEATLANDS RD STE A
City,State,Zip: SANTEE, CA 92071
Site ID: 401458
CERS ID: 10377190
CERS Description: Hazardous Waste Generator

CERS:
Name: SANTEE COLLISION CENTER INC
Address: 9356 WHEATLANDS RD STE A
City,State,Zip: SANTEE, CA 92071
Site ID: 401458
CERS ID: 10377190
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 401458
Site Name: SANTEE COLLISION CENTER INC
Violation Date: 04-30-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 04/30/2014. Inspection Sequence ID:4098460
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401458
Site Name: SANTEE COLLISION CENTER INC
Violation Date: 04-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/30/2014. Inspection Sequence ID:4098460;Violation:HMD0131 No Unified Program Facility (UPF) permit

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

not obtained for the generation of hazardous waste. SDCC 68.905.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 401458
Site Name: SANTEE COLLISION CENTER INC
Violation Date: 04-30-2014
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes: Returned to compliance on 04/30/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401458
Site Name: SANTEE COLLISION CENTER INC
Violation Date: 01-29-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/29/2020. Inspection Sequence ID:6334242
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 401458
Site Name: SANTEE COLLISION CENTER INC
Violation Date: 01-29-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/18/2020. Inspection Sequence ID:6334242
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6334242
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: No

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5428049
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5856211
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6334242
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Preece Sharon Inspection ID:4098460
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5856211
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5428049
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Preece Sharon Inspection ID:4098460
Eval Division: San Diego County Department of Env Health

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Operator
Entity Name: SANTEE COLLISION CENTER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 596-5822,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Erick Morales
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Candice Means
Entity Title: Not reported
Affiliation Address: 9356 Wheatlands RD Suite A
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Candice Means
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: SANTEE COLLISION CENTER INC
Entity Title: Not reported

**SANTEE COLLISION CENTER INC (Continued)** **S106063881**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9356 WHEATLANDS RD Suite A |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Candice Means |
| Entity Title: | Not reported |
| Affiliation Address: | 9356 Wheatlands RD Suite A |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 596-5822, |

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**J53** **CIRCLE K STORE #2959** **RCRA-SQG** **1000174096**
**SSE** **11007 WOODSIDE AVE** **SAN DIEGO CO. SAM** **CAD981681166**
**< 1/8** **SANTEE, CA 92071** **CPS-SLIC**
**0.108 mi.** **San Diego Co. HMMD**
**569 ft.** **Site 1 of 3 in cluster J** **HIST UST**
**FINDS**
**Relative: Higher** **ECHO**
**CERS**

**Actual: 370 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19960901 |
| Handler Name: | CIRCLE K STORE #2959 | |
| Handler Address: | | 11007 WOODSIDE AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD981681166 |
| Contact Name: | | Not reported |
| Contact Address: | | Not reported |
| Contact City,State,Zip: | | Not reported |
| Contact Telephone: | | Not reported |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |

**CIRCLE K STORE #2959 (Continued)** **1000174096**

| | | |
|---|---|---|
| State District: | | 4 |
| Mailing Address: | | 5811 MANZANITA AVE |
| Mailing City,State,Zip: | | CARMICHAEL, CA 95608 |
| Owner Name: | Not reported | |
| Owner Type: | | Not reported |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20020627 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |

**CIRCLE K STORE #2959 (Continued)** **1000174096**

| | |
|---|---|
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CIRCLE K CORP | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19960901 |
| Handler Name: CIRCLE K STORE #2959 | |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | CA |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 19861016 |
| Handler Name: CIRCLE K STORE #2959 | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | CA |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |

**CIRCLE K STORE #2959 (Continued)** **1000174096**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN DIEGO CO. SAM:
Name: CIRCLE K #2959
Address: 11007 WOODSIDE AV
City,State,Zip: SANTEE, CA 920713255
Case Number: H20836-001
Agency: DEH Site Assessment & Mitigation
**Funding:** **Non Billable**
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 8/10/1999
Date Began: 7/22/1997

CPS-SLIC:
Name: CIRCLE K #2959
Address: 11007 WOODSIDE AV
City,State,Zip: SANTEE, CA 920713255
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 08/10/1999
Global Id: T0608102609
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H20836-001
Latitude: 32.844502
Longitude: -116.958115
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HMMD SAN DIEGO:
Name: CIRCLE K #2959
Address: 11007 WOODSIDE AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 120836
Business Type: Not reported

**CIRCLE K STORE #2959 (Continued)** **1000174096**

| | |
|---|---|
| EPA Id Number: | Not reported |
| APN: | 381-086-01-00 |
| Last HMMD Inspection: | 06/01/1999 |
| Facility Telephone: | 619-448-5142 |
| Permit Status: | INAC |
| Permit Expiration: | Not reported |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | THE CIRCLE K CORP |
| Facility Mailing Address: | 601 UNION ST 3920 |
| Facility Mailing City: | SEATTLE |
| Facility Mailing State: | WA |
| Facility Mailing Zip: | 98101- |
| UST Owner: | TIC TOC SYSTEMS INC |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

UST:

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 120836 T001 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 120836 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 1 |
| Capacity Gallons: | 8000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | NONE |
| Remove Close Date: | Not reported |
| Year Installed: | Not reported |
| Pipe Type: | SINGLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 02 |
| UST Monitor Method: | SW TANK SW PRESSURE PIPE W/ RESTRICTIVE LLD W/ SIRS: SIR DATA ANALYSIS MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANNUALLY |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 120836 T002 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 120836 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 3 |
| Capacity Gallons: | 8000 |
| UST Contents: | PREMIUM UNLEADED |
| Other Content Info: | PREMIUM UNLEADED |
| Reg Status: | NONE |
| Remove Close Date: | Not reported |
| Year Installed: | Not reported |
| Pipe Type: | SINGLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 02 |
| UST Monitor Method: | SW TANK SW PRESSURE PIPE W/ RESTRICTIVE LLD W/ SIRS: SIR DATA ANALYSIS MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANNUALLY |

HIST UST:

**CIRCLE K STORE #2959 (Continued)** **1000174096**

| | |
|---|---|
| Name: | CIRCLE K 2959 |
| Address: | 11007 WOODSIDE |
| City,State,Zip: | SANTEE, CA 92071 |
| File Number: | 0002AEDA |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002AEDA.pdf |
| Region: | STATE |
| Facility ID: | 00000013656 |
| Facility Type: | Gas Station |
| Other Type: | Not reported |
| Contact Name: | KEN ZIMMERMAN |
| Telephone: | 6194489738 |
| Owner Name: | CIRCLE K CORPORATION |
| Owner Address: | 4500 SOUTH 40TH STREET |
| Owner City,St,Zip: | PHOENIX, AZ 85040 |
| Total Tanks: | 0002 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00008000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| | |
| Tank Num: | 002 |
| Container Num: | 3 |
| Year Installed: | Not reported |
| Tank Capacity: | 00008000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | PREMIUM |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

Click here for Geo Tracker PDF:

FINDS:
Registry ID: 110002749811

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000174096 |
| Registry ID: | 110002749811 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002749811 |
| Name: | CIRCLE K STORE #2959 |

**CIRCLE K STORE #2959 (Continued)** **1000174096**

Address: 11007 WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071

CERS:
Name: CIRCLE K #2959
Address: 11007 WOODSIDE AV
City,State,Zip: SANTEE, CA 920713255
Site ID: 258370
CERS ID: T0608102609
CERS Description: Cleanup Program Site

---

**J54** **TOSCO MARKETING COMPANY** **EDR Hist Auto** **1021283889**
**SSE** **11007 WOODSIDE AVE** **N/A**
**< 1/8** **SANTEE, CA 92071**
**0.108 mi.**
**569 ft.** **Site 2 of 3 in cluster J**

**Relative:** EDR Hist Auto
**Higher**

**Actual:** **370 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 1994 | CIRCLE K CORPORATION | Convenience Stores |
| 1995 | CIRCLE K CORPORATION | Convenience Stores |
| 1996 | CIRCLE K STORES INC | Convenience Stores |
| 1997 | TOSCO MARKETING COMPANY | Convenience Stores |
| 1998 | TOSCO MARKETING COMPANY | Convenience Stores |
| 1999 | TOSCO MARKETING COMPANY | Convenience Stores |
| 2000 | TOSCO MARKETING COMPANY | Convenience Stores |
| 2001 | TOSCO MARKETING COMPANY | Convenience Stores |
| 2002 | CIRCLE K STORES INC | Convenience Stores |
| 2003 | CIRCLE K STORES INC | Convenience Stores |

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**J55** **CIRCLE K #2959** **UST** **U003939128**
**SSE** **11007 WOODSIDE AVE** **SWEEPS UST** **N/A**
**< 1/8** **SANTEE, CA 92071** **SAN DIEGO CO LOP**
**0.108 mi.**
**569 ft.** **Site 3 of 3 in cluster J**

**Relative:** UST:
**Higher**
Name: CIRCLE K #2959
**Actual:** Address: 11007 WOODSIDE AVE
**370 ft.** City,State,Zip: SANTEE, CA 92071
Facility ID: H20836
Permitting Agency: SAN DIEGO COUNTY
CERSID: Not reported
Latitude: 32.845895
Longitude: -116.956787

SWEEPS UST:
Name: CIRCLE K #2959
Address: 11007 WOODSIDE AVE
City: SANTEE
Status: Active
Comp Number: 20836
Number: 9
Board Of Equalization: 44-022104

**CIRCLE K #2959 (Continued)** **U003939128**

Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020836-000001
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Name: CIRCLE K #2959
Address: 11007 WOODSIDE AVE
City: SANTEE
Status: Active
Comp Number: 20836
Number: 9
Board Of Equalization: 44-022104
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020836-000002
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

SAN DIEGO CO LOP:
Name: CIRCLE K #2959
Address: 11007 WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Record ID: DEH1997-LSAM-H20836-001
Record Status: Completed
Opened Date: 07/22/1997
Parcel Number: 381-086-01-00
Case Type: Not reported
Historical Name: CIRCLE K #2959
SWRCB Global ID: T0608102609
Funding: N - Non-Billable
Lead Agency: DEH/SAM
Lead Agency Date: 07/23/1997
Census Tract: 167.01
Community: Santee
Jurisdiction: SANTEE
Watershed Basin Number: 907.12
Water Purveyor: PADRE DAM MUNICIPAL WATER DISTRICT
Fire Agency: PADRE DAM MUNICIPAL WATER DISTRICT
Latitude: 32.8445462
Longitude: -116.9581358
X MapCoord: 6344172.907
Y MapCoord: 1887804.055

**I56** **SCANTIBODIES LABORATORY INC** **RCRA NonGen / NLR** **1024818294**
**SSW** **9343 WHEATLANDS RD** **CAL000325136**
**< 1/8** **SANTEE, CA 92071**
**0.121 mi.**
**640 ft.** **Site 3 of 5 in cluster I**

**Relative:** **Higher**

**Actual:** **360 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20070924 |
| Handler Name: | SCANTIBODIES LABORATORY INC |
| Handler Address: | 9343 WHEATLANDS RD |
| Handler City,State,Zip: | SANTEE, CA 92071-2860 |
| EPA ID: | CAL000325136 |
| Contact Name: | JULIO PADILLA |
| Contact Address: | 9336 ABRAHAM WAY |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-258-9300 |
| Contact Fax: | 619-258-9366 |
| Contact Email: | EDI.BROWN@SCANTIBODIES.COM |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Not a generator, verified |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | Not reported |
| State District: | Not reported |
| Mailing Address: | 9336 ABRAHAM WAY |
| Mailing City,State,Zip: | SANTEE, CA 92071 |
| Owner Name: | SCANTIBODIES LABORATORY INC |
| Owner Type: | Other |
| Operator Name: | JULIO PADILLA |
| Operator Type: | Other |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |

**SCANTIBODIES LABORATORY INC (Continued)** **1024818294**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: SCANTIBODIES LABORATORY INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9336 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2861 |
| Owner/Operator Telephone: | 619-258-9300 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JULIO PADILLA | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9336 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-258-9300 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**SCANTIBODIES LABORATORY INC (Continued)** **1024818294**

Historic Generators:
Receive Date: 20070924
Handler Name: SCANTIBODIES LABORATORY INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325413
NAICS Description: IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**I57** **CHULA VISTA ELECTRIC CO.** **San Diego Co. HMMD** **S106072251**
**SSW** **9344 WHEATLANDS RD** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **CERS**
**0.128 mi.**
**675 ft.** **Site 4 of 5 in cluster I**

**Relative: Higher**

**Actual: 360 ft.**

HMMD SAN DIEGO:
Name: CHULA VISTA ELECTRIC CO.
Address: 9344 WHEATLANDS RD
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000398849
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-420-4500
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 10/26/2021
Facility Owner: Not reported
Facility Mailing Address: 9344 WHEATLANDS ROAD, SANTEE, CA 92071
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202316 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5472546 |
| Return To Compliance Date: | 2016-08-18T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-26T00:00:00.000 |
| Inspection Date: | 2016-06-16T17:28:00.000 |
| Violation Code: | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202316 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5927911 |
| Return To Compliance Date: | 2018-08-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-26T00:00:00.000 |
| Inspection Date: | 2018-06-12T08:14:00.000 |
| Violation Code: | 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202316 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5927911 |
| Return To Compliance Date: | 2018-08-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-26T00:00:00.000 |
| Inspection Date: | 2018-06-12T08:14:00.000 |
| Violation Code: | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202316 |
| Program Element: | Hazardous Materials Release Response Plans |

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

| | |
|---|---|
| Inspection Type: | Routine |
| Inspection Number: | 6464013 |
| Return To Compliance Date: | 2021-06-10T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-26T00:00:00.000 |
| Inspection Date: | 2021-06-10T23:43:20.000 |
| Violation Code: | 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202316 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5927911 |
| Return To Compliance Date: | 2018-08-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-26T00:00:00.000 |
| Inspection Date: | 2018-06-12T08:14:00.000 |
| Violation Code: | 1020001 Employee training and/or plan for safety procedures in the event of a release or threatened release of a hazardous material not adequate, not established or not submitted in CERS. HSC 25505(a)(4) and 25508(a)(1)(A); 19 CCR 2659(a) |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-202316 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 5927911 |
| Return To Compliance Date: | 2018-08-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-26T00:00:00.000 |
| Inspection Date: | 2018-06-12T08:14:00.000 |
| Violation Code: | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0113658 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2017-10-24T02:32:45.000 |

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0113659
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-24T02:32:45.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0095006
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-24T02:32:45.000
Chemical Name: AQUEOUS BASED SOLVENT
Common Name: WASTE PARTS WASHER SOLVENT
Case Number: Not reported

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193056
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-06-11T01:58:27.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193057
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-06-11T01:58:27.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193058
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-06-11T01:58:27.000
Chemical Name: Argon
Common Name: Argon-37

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Case Number: 13994-71-3

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193059
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-06-11T01:58:27.000
Chemical Name: Acetylene
Common Name: Acetylene
Case Number: 74-86-2

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193060
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-06-11T01:58:27.000
Chemical Name: Shell Diala AX Transformer oil
Common Name: Transformer oil
Case Number: Not reported

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166871
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-11T01:58:27.000
Chemical Name: AQUEOUS BASED SOLVENT
Common Name: WASTE PARTS WASHER SOLVENT
Case Number: Not reported

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0302087
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-26T02:36:48.000
Chemical Name: Acetylene
Common Name: Acetylene
Case Number: 74-86-2

Record ID: DEH2003-HUPFP-202316
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0302088
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-26T02:36:48.000
Chemical Name: Shell Diala AX Transformer oil
Common Name: Transformer oil
Case Number: Not reported

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2021-HCHEM-0302089 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2021-10-26T02:36:48.000 |
| Chemical Name: | Oxygen |
| Common Name: | Oxygen |
| Case Number: | 7782-44-7 |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2021-HCHEM-0302090 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2021-10-26T02:36:48.000 |
| Chemical Name: | PROPANE |
| Common Name: | PROPANE |
| Case Number: | 68476-85-7 |

| | |
|---|---|
| Record ID: | DEH2003-HUPFP-202316 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2021-HWAST-0269666 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-10-26T02:36:48.000 |
| Chemical Name: | AQUEOUS BASED SOLVENT |
| Common Name: | WASTE PARTS WASHER SOLVENT |
| Case Number: | Not reported |

| | |
|---|---|
| Name: | SUNCRAFT SHUTTER |
| Address: | 9344 WHEATLANDS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 202316 |
| Business Type: | 6HK72 |
| EPA Id Number: | CAL000257536 |
| APN: | 381-540-22-00 |
| Last HMMD Inspection: | 10/19/2011 |
| Facility Telephone: | 619-258-6300 |
| Permit Status: | OPEN |
| Permit Expiration: | 01/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | JEREMY BULL |
| Facility Mailing Address: | 9344 WHEATLANDS RD #C |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 202316
Update Date: 11/02/2012
Case Number: 67-64-1
Name: OIL BASED PAINTS (BASECOATS & SHUTTER PAINTS (LAQUER)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 202316
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 202316
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202316
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: RAGS W/PAINT THINNER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202316
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: WASTE PAINT & RELATED MATERIALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 09/03/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0202 |
| Violation: | WASTE CONTAINER W/O LABELS |
| Violation Citation: | Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f) |
| Activity: | ACTIVE |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0204 |
| Violation: | WASTE CONTAINER:IMPROPER MGMT |
| Violation Citation: | Hazardous waste storage container is not handled or stored in a manner which will prevent leaks or rupture. CCR 66265.173 |
| Activity: | ACTIVE |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0301 |
| Violation: | HAZWASTE:UNAUTHORIZED DISPOSAL |
| Violation Citation: | Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d) |
| Activity: | ACTIVE |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0304 |
| Violation: | WASTE DETERMINATION NOT MADE |
| Violation Citation: | Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c) |
| Activity: | ACTIVE |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0401 |
| Violation: | TRAINING RECORDS UNAVAILABLE |
| Violation Citation: | Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e) |
| Activity: | ACTIVE |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV1002 |
| Violation: | HMBP NOT ESTABISHED/IMPLEMENTED. |
| Violation Citation: | Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a) |
| Activity: | ACTIVE |

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

| | |
|---|---|
| Name: | SUNCRAFT SHUTTER |
| Address: | 9344 WHEATLANDS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 202316 |
| Business Type: | 6HK72 |
| EPA Id Number: | CAL000257536 |
| APN: | 381-540-22-00 |
| Last HMMD Inspection: | 10/19/2011 |
| Facility Telephone: | 619-258-6300 |
| Permit Status: | OPEN |
| Permit Expiration: | 01/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | JEREMY BULL |
| Facility Mailing Address: | 9344 WHEATLANDS RD #C |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | 67-64-1 |
| Name: | OIL BASED PAINTS (BASECOATS & SHUTTER PAINTS (LAQUER) |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-85-7 |
| Name: | PROPANE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 181 INORGANIC SOLID WASTE (OTHER) |
| Other Information: | PAINT BOOTH FILTERS |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 352 ORGANIC SOLIDS (OTHER) |
| Other Information: | RAGS W/PAINT THINNER |

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202316
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: WASTE PAINT & RELATED MATERIALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 09/03/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0204
Violation: WASTE CONTAINER:IMPROPER MGMT
Violation Citation: Hazardous waste storage container is not handled or stored in a manner which will prevent leaks or rupture. CCR 66265.173
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Name: SUNCRAFT SHUTTER
Address: 9344 WHEATLANDS RD
City,State,Zip: SANTEE, CA 92071
Permit Number: 202316
Business Type: 6HK72
EPA Id Number: CAL000257536
APN: 381-540-22-00
Last HMMD Inspection: 10/19/2011
Facility Telephone: 619-258-6300
Permit Status: OPEN
Permit Expiration: 01/31/2013
Date Last Updated: 11/02/2012
Facility Owner: JEREMY BULL
Facility Mailing Address: 9344 WHEATLANDS RD #C
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 202316
Update Date: 11/02/2012
Case Number: 67-64-1
Name: OIL BASED PAINTS (BASECOATS & SHUTTER PAINTS (LAQUER)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Permit Number: 202316
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 202316
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202316
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: RAGS W/PAINT THINNER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 202316
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: WASTE PAINT & RELATED MATERIALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 09/03/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 202316

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

| | |
|---|---|
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0204 |
| Violation: | WASTE CONTAINER:IMPROPER MGMT |
| Violation Citation: | Hazardous waste storage container is not handled or stored in a manner which will prevent leaks or rupture. CCR 66265.173 |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0301 |
| Violation: | HAZWASTE:UNAUTHORIZED DISPOSAL |
| Violation Citation: | Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0304 |
| Violation: | WASTE DETERMINATION NOT MADE |
| Violation Citation: | Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV0401 |
| Violation: | TRAINING RECORDS UNAVAILABLE |
| Violation Citation: | Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/22/2003 |
| Violation Code: | 6HV1002 |
| Violation: | HMBP NOT ESTABISHED/IMPLEMENTED. |
| Violation Citation: | Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a) |
| Activity: | ACTIVE |

| | |
|---|---|
| Name: | SUNCRAFT SHUTTER |
| Address: | 9344 WHEATLANDS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 202316 |
| Business Type: | 6HK72 |
| EPA Id Number: | CAL000257536 |
| APN: | 381-540-22-00 |
| Last HMMD Inspection: | 10/19/2011 |
| Facility Telephone: | 619-258-6300 |
| Permit Status: | OPEN |

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

| | |
|---|---|
| Permit Expiration: | 01/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | JEREMY BULL |
| Facility Mailing Address: | 9344 WHEATLANDS RD #C |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | 67-64-1 |
| Name: | OIL BASED PAINTS (BASECOATS & SHUTTER PAINTS (LAQUER) |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-85-7 |
| Name: | PROPANE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 181 INORGANIC SOLID WASTE (OTHER) |
| Other Information: | PAINT BOOTH FILTERS |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 352 ORGANIC SOLIDS (OTHER) |
| Other Information: | RAGS W/PAINT THINNER |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 202316 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 461 PAINT SLUDGE |
| Other Information: | WASTE PAINT & RELATED MATERIALS |
| Material Waste: | Waste |

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 09/03/2008
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0204
Violation: WASTE CONTAINER:IMPROPER MGMT
Violation Citation: Hazardous waste storage container is not handled or stored in a manner which will prevent leaks or rupture. CCR 66265.173
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

Permit Number: 202316
Update Date: 11/02/2012
Inspection Date: 08/22/2003
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

CERS HAZ WASTE:
Name: CHULA VISTA ELECTRIC CO.
Address: 9344 WHEATLANDS RD
City,State,Zip: SANTEE, CA 92071
Site ID: 105456
CERS ID: 10377043
CERS Description: Hazardous Waste Generator

CERS:
Name: CHULA VISTA ELECTRIC CO.
Address: 9344 WHEATLANDS RD
City,State,Zip: SANTEE, CA 92071
Site ID: 105456
CERS ID: 10377043
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 105456
Site Name: CHULA VISTA ELECTRIC CO.
Violation Date: 06-12-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/13/2018. Inspection Sequence ID:5927911
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 105456
Site Name: CHULA VISTA ELECTRIC CO.
Violation Date: 06-10-2021
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/10/2021. Inspection Sequence ID:6464013
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Site ID: 105456
Site Name: CHULA VISTA ELECTRIC CO.
Violation Date: 06-16-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 08/18/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 105456
Site Name: CHULA VISTA ELECTRIC CO.
Violation Date: 06-12-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 08/13/2018. Inspection Sequence ID:5927911
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 105456
Site Name: CHULA VISTA ELECTRIC CO.
Violation Date: 06-12-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 08/13/2018. Inspection Sequence ID:5927911
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6464013
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6464013
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5472546
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Preece Sharon Inspection ID:4086618
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zahra Alaaeddine Inspection ID:5927911
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5472546
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Preece Sharon Inspection ID:4086618
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Preece Sharon Inspection ID:4086618
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 105456
Facility Name: CHULA VISTA ELECTRIC CO.

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

Env Int Type Code: HWG
Program ID: 10377043
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.845450
Longitude: -116.961330

Affiliation:
Affiliation Type Desc: Operator
Entity Name: CHULA VISTA ELECTRIC CO.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 420-4500,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9344 WHEATLANDS ROAD
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: ROBERT FRIAR
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: CHULA VISTA ELECTRIC CO.
Entity Title: Not reported
Affiliation Address: 9344 WHEATLANDS ROAD
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 420-4500,

Affiliation Type Desc: Property Owner
Entity Name: RAWF LLC
Entity Title: Not reported
Affiliation Address: 2505 AVENIDA OCOTILLO
Affiliation City: ALPINE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91901
Affiliation Phone: (619) 420-4500,

**CHULA VISTA ELECTRIC CO. (Continued)** **S106072251**

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | CHULA VISTA ELECTRIC CO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | John Vickery |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ROBERT FRIAR |
| Entity Title: | Not reported |
| Affiliation Address: | 9344 WHEATLANDS RD |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

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**I58** **CHULA VISTA ELECTRIC CO** **RCRA NonGen / NLR** **1024845633**
**SSW** **9344 WHEATLANDS RD** **CAL000398849**
**1/8-1/4** **SANTEE, CA 92071**
**0.128 mi.**
**675 ft.** **Site 5 of 5 in cluster I**

**Relative:** RCRA Listings:
**Higher**

| | | |
|---|---|---|
| **Actual:** Date Form Received by Agency: | | 20140716 |
| **360 ft.** Handler Name: | CHULA VISTA ELECTRIC CO | |
| Handler Address: | | 9344 WHEATLANDS RD |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000398849 |
| Contact Name: | | JAMES SANDSTROM |
| Contact Address: | | 9344 WHEATLANDS RD |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-420-4500 |
| Contact Fax: | | 619-420-9527 |

**CHULA VISTA ELECTRIC CO (Continued)** **1024845633**

| | | |
|---|---|---|
| Contact Email: | | JIMSAND@C-V-E.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9344 WHEATLANDS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | CHULA VISTA ELECTRIC CO | |
| Owner Type: | | Other |
| Operator Name: | JAMES SANDSTROM | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |

**CHULA VISTA ELECTRIC CO (Continued)** **1024845633**

| | |
|---|---|
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180906 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CHULA VISTA ELECTRIC CO | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9344 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-420-4500 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JAMES SANDSTROM | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9344 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-420-4500 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20140716 |
| Handler Name: CHULA VISTA ELECTRIC CO | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

**CHULA VISTA ELECTRIC CO (Continued)** **1024845633**

List of NAICS Codes and Descriptions:
NAICS Code: 23531
NAICS Description: ELECTRICAL CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**H59** **JIMCO RACING INC** **CERS HAZ WASTE** **S112856159**
**SW** **9335 STEVENS RD** **HAZNET** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **CERS**
**0.136 mi.** **HWTS**
**716 ft.** **Site 7 of 11 in cluster H**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

CERS HAZ WASTE:
Name: 30 RACING, INC & JIMCO RACING, INC
Address: 9335 STEVENS RD
City,State,Zip: SANTEE, CA 92071
Site ID: 397196
CERS ID: 10377286
CERS Description: Hazardous Waste Generator

HAZNET:
Name: JIMCO RACING INC
Address: 9335 STEVENS RD
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
Contact: ANITA STEWART
Telephone: 6195963360
Mailing Name: Not reported
Mailing Address: 9335 STEVENS RD

Year: 2021
Gepaid: CAL000453201
TSD EPA ID: UTD981552177
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.055

Year: 2021
Gepaid: CAL000453201
TSD EPA ID: CAD044429835
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2075

Year: 2020
Gepaid: CAL000453201
TSD EPA ID: CAD059494310
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

**JIMCO RACING INC (Continued)** **S112856159**

| | |
|---|---|
| Tons: | 0.08 |
| Year: | 2020 |
| Gepaid: | CAL000453201 |
| TSD EPA ID: | NED981723513 |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Tons: | 0.066 |
| Year: | 1993 |
| Gepaid: | CAC000957176 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 241 - Tank bottom waste |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.2085 |

Detail Two:

| | |
|---|---|
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Shipment Date: | 6/15/2020 |
| Receipt Date: | 6/26/2020 |
| Manifest Number: | 007298876SKS |
| Generator EPA ID: | CAL000453201 |
| Name: | JIMCO RACING INC |
| Address: | 9335 STEVENS RD |
| Address 2: | Not reported |
| City: | SANTEE |
| Zip: | 92071 |
| Telephone: | 800-483-3718 |
| Contact: | Adina Garrett |
| Contact Telephone: | 619-596-3360 |
| Transporter 1 EPA ID: | TXR000081205 |
| Transporter 1 Emergency Number: | Not reported |
| Transporter 2 EPA ID: | MAD039322250 |
| Transporter 2 Emergency Number: | Not reported |
| TSDF EPA ID: | NED981723513 |
| TSDF Name: | Clean Harbors Environmental Services, Inc. |
| TSDF Address 1: | 2247 South Highway 71 |
| TSDF Address 2: | Not reported |
| TSDF City: | Kimball |
| TSDF Zip: | 69145 |
| TSDF Telephone: | 800-483-3718 |

Federal:

| | |
|---|---|
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Generator EPA ID: | CAL000453201 |
| Shipment Date: | 2020-06-15 |
| Manifest Number: | 007298876SKS |
| Line Number: | 1 |
| Method Code: | H040 |
| Quantity Tons: | 0.05600 |
| Quantity Waste: | 112.000000 |
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |

**JIMCO RACING INC (Continued)** **S112856159**

| | |
|---|---|
| Quantity Type: | Pounds |
| Federal Code: | D006 |
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Generator EPA ID: | CAL000453201 |
| Shipment Date: | 2020-06-15 |
| Manifest Number: | 007298876SKS |
| Line Number: | 1 |
| Method Code: | H040 |
| Quantity Tons: | 0.05600 |
| Quantity Waste: | 112.000000 |
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |
| Quantity Type: | Pounds |
| Federal Code: | D007 |
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Generator EPA ID: | CAL000453201 |
| Shipment Date: | 2020-06-15 |
| Manifest Number: | 007298876SKS |
| Line Number: | 1 |
| Method Code: | H040 |
| Quantity Tons: | 0.05600 |
| Quantity Waste: | 112.000000 |
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |
| Quantity Type: | Pounds |
| Federal Code: | D008 |
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Generator EPA ID: | CAL000453201 |
| Shipment Date: | 2020-06-15 |
| Manifest Number: | 007298876SKS |
| Line Number: | 2 |
| Method Code: | H040 |
| Quantity Tons: | 0.01000 |
| Quantity Waste: | 20.000000 |
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |
| Quantity Type: | Pounds |
| Federal Code: | D007 |
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Generator EPA ID: | CAL000453201 |
| Shipment Date: | 2020-06-15 |
| Manifest Number: | 007298876SKS |
| Line Number: | 2 |
| Method Code: | H040 |
| Quantity Tons: | 0.01000 |
| Quantity Waste: | 20.000000 |

**JIMCO RACING INC (Continued)** **S112856159**

| | |
|---|---|
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |
| Quantity Type: | Pounds |
| Federal Code: | D008 |

State:

| | |
|---|---|
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Generator EPA ID: | CAL000453201 |
| Shipment Date: | 2020-06-15 |
| Manifest Number: | 007298876SKS |
| Line Number: | 1 |
| Method Code: | H040 |
| Quantity Tons: | 0.05600 |
| Quantity Waste: | 112.000000 |
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |
| Quantity Type: | Pounds |
| State Code: | 214 |

| | |
|---|---|
| Year: | 2020 |
| EM Manifest ID: | 33dafcf0-bf7f-4b20-a8dd-9451325aa782 |
| Generator EPA ID: | CAL000453201 |
| Shipment Date: | 2020-06-15 |
| Manifest Number: | 007298876SKS |
| Line Number: | 2 |
| Method Code: | H040 |
| Quantity Tons: | 0.01000 |
| Quantity Waste: | 20.000000 |
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |
| Quantity Type: | Pounds |
| State Code: | 214 |

| | |
|---|---|
| Year: | 2020 |
| EM Manifest ID: | a3fb8667-45d1-427a-89dc-4a8c85223ba0 |
| Shipment Date: | 3/27/2020 |
| Receipt Date: | 4/10/2020 |
| Manifest Number: | 007297122SKS |
| Generator EPA ID: | CAL000453201 |
| Name: | JIMCO RACING INC |
| Address: | 9335 STEVENS RD |
| Address 2: | Not reported |
| City: | SANTEE |
| Zip: | 92071 |
| Telephone: | 800-483-3718 |
| Contact: | Adina Garrett |
| Contact Telephone: | 619-596-3360 |
| Transporter 1 EPA ID: | TXR000081205 |
| Transporter 1 Emergency Number: | Not reported |
| Transporter 2 EPA ID: | MAD039322250 |
| Transporter 2 Emergency Number: | Not reported |
| TSDF EPA ID: | CAD059494310 |

**JIMCO RACING INC (Continued)** **S112856159**

TSDF Name: Clean Harbors San Jose LLC
TSDF Address 1: 1021 Berryessa Road
TSDF Address 2: Not reported
TSDF City: San Jose
TSDF Zip: 95133
TSDF Telephone: 800-483-3718

Federal:
Year: 2020
EM Manifest ID: a3fb8667-45d1-427a-89dc-4a8c85223ba0
Generator EPA ID: CAL000453201
Shipment Date: 2020-03-27
Manifest Number: 007297122SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.08000
Quantity Waste: 160.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D006

Year: 2020
EM Manifest ID: a3fb8667-45d1-427a-89dc-4a8c85223ba0
Generator EPA ID: CAL000453201
Shipment Date: 2020-03-27
Manifest Number: 007297122SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.08000
Quantity Waste: 160.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D007

Year: 2020
EM Manifest ID: a3fb8667-45d1-427a-89dc-4a8c85223ba0
Generator EPA ID: CAL000453201
Shipment Date: 2020-03-27
Manifest Number: 007297122SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.08000
Quantity Waste: 160.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D008

State:
Year: 2020
EM Manifest ID: a3fb8667-45d1-427a-89dc-4a8c85223ba0
Generator EPA ID: CAL000453201

**JIMCO RACING INC (Continued)** **S112856159**

| | |
|---|---|
| Shipment Date: | 2020-03-27 |
| Manifest Number: | 007297122SKS |
| Line Number: | 1 |
| Method Code: | H141 |
| Quantity Tons: | 0.08000 |
| Quantity Waste: | 160.000000 |
| Quantity Unit: | P |
| Number of Containers: | 1 |
| Type of Container: | Metal drums, barrels, kegs |
| Quantity Type: | Pounds |
| State Code: | 214 |

Additional Info:

| | |
|---|---|
| Year: | 1993 |
| Gen EPA ID: | CAC000957176 |
| Shipment Date: | 19930920 |
| Creation Date: | 3/28/1996 0:00:00 |
| Receipt Date: | 19941208 |
| Manifest ID: | 90790264 |
| Trans EPA ID: | CAD981427511 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 241 - Tank bottom waste 251 Still bottoms with halogenated organics |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.2085 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

CERS:

| | |
|---|---|
| Name: | 30 RACING, INC & JIMCO RACING, INC |
| Address: | 9335 STEVENS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 397196 |
| CERS ID: | 10377286 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 397196 |
| Site Name: | 30 Racing, Inc & Jimco Racing, Inc |
| Violation Date: | 06-20-2017 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a |

**JIMCO RACING INC (Continued)** **S112856159**

hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 11/02/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 397196
Site Name: 30 Racing, Inc & Jimco Racing, Inc
Violation Date: 06-20-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 11/02/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4099808
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5699865
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6191501
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4099808
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

**JIMCO RACING INC (Continued)** **S112856159**

Coordinates:

| | |
|---|---|
| Site ID: | 397196 |
| Facility Name: | 30 Racing, Inc & Jimco Racing, Inc |
| Env Int Type Code: | HMBP |
| Program ID: | 10377286 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station., |
| Latitude: | 32.845940 |
| Longitude: | -116.962140 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9335 Stevens RD |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Anita Stewart |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Robert Pierce |
| Entity Title: | Not reported |
| Affiliation Address: | 9335 Stevens RD |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Anita Stewart |
| Entity Title: | Director of Administration |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**JIMCO RACING INC (Continued)** **S112856159**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: PIERCE ROBERT A TRUST 02-10-09
Entity Title: Not reported
Affiliation Address: 9335 Stevens RD
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 562-2424,

Affiliation Type Desc: Operator
Entity Name: 30 Racing, Inc. & Jimco Racing, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 596-3360,

Affiliation Type Desc: Parent Corporation
Entity Name: 30 Racing, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: JIMCO RACING INC
Address: 9335 STEVENS RD
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000453201
Inactive Date: Not reported
Create Date: 03/04/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 9335 STEVENS RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTEE, CA 92071
Owner Name: JIMCO RACING INC
Owner Address: 9335 STEVENS RD
Owner Address 2: Not reported
Owner City,State,Zip: SANTEE, CA 92071
Contact Name: ANITA STEWART
Contact Address: 9335 STEVENS RD
Contact Address 2: Not reported
City,State,Zip: SANTEE, CA 92071

**JIMCO RACING INC (Continued)** **S112856159**

Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.845959
Longitude: -116.962146

NAICS:
EPA ID: CAL000453201
Create Date: 2020-03-04 08:05:41.320
NAICS Code: 336399
NAICS Description: All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date: 2020-03-04 08:05:41.30300
Inactive Date: Not reported
Facility Name: JIMCO RACING INC
Facility Address: 9335 STEVENS RD
Facility Address 2: Not reported
Facility City: SANTEE
Facility County: Not reported
Facility State: CA
Facility Zip: 92071

Name: RONALD K BURNER
Address: 9335 STEVENS RD
Address 2: Not reported
City,State,Zip: SANTEE, CA 92072
EPA ID: CAC000957176
Inactive Date: 10/25/2000
Create Date: 09/14/1993
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 398
Mailing Address 2: Not reported
Mailing City,State,Zip: HOLTVILLE, CA 922500000
Owner Name: RONALD K BURNER
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Contact Name: CONNIE HOYT
Contact Address: P O BOX 398
Contact Address 2: Not reported
City,State,Zip: HOLTVILLE, CA 922500000
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 32.845541
Longitude: -116.962671

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**H60** **JIMCO RACING INC** **RCRA NonGen / NLR** **1026057008**
**SW** **9335 STEVENS RD** **CAL000453201**
**1/8-1/4** **SANTEE, CA 92071**
**0.136 mi.**
**716 ft.** **Site 8 of 11 in cluster H**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:
Date Form Received by Agency: 20200304
Handler Name: JIMCO RACING INC
Handler Address: 9335 STEVENS RD

**JIMCO RACING INC (Continued)** **1026057008**

| | | |
|---|---|---|
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000453201 |
| Contact Name: | | ROBBIE PIERCE |
| Contact Address: | | 9335 STEVENS RD |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-596-3360 |
| Contact Fax: | | 619-596-3364 |
| Contact Email: | | ACCOUNTING@JIMCORACING.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9335 STEVENS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | JIMCO RACING INC | |
| Owner Type: | | Other |
| Operator Name: | ROBBIE PIERCE | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |

**JIMCO RACING INC (Continued)** **1026057008**

| | |
|---|---|
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200306 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JIMCO RACING INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-2424 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: ROBBIE PIERCE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-596-3360 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20200304 |
| Handler Name: JIMCO RACING INC | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |

**JIMCO RACING INC (Continued)** **1026057008**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**H61** **R K BURNER SHEET METAL** **San Diego Co. HMMD** **S106059894**
**SW** **9335 STEVENS RD** **HIST UST** **N/A**
**1/8-1/4** **SANTEE, CA 92071**
**0.136 mi.**
**716 ft.** **Site 9 of 11 in cluster H**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

HMMD SAN DIEGO:
Name: R K BURNER SHEET METAL
Address: 9335 STEVENS RD
City,State,Zip: SANTEE, CA 92071
Permit Number: 101737
Business Type: Not reported
EPA Id Number: Not reported
APN: 381-540-26-00
Last HMMD Inspection: Not reported
Facility Telephone: Not reported
Permit Status: INAC
Permit Expiration: 09/08/1993
Date Last Updated: 11/02/2012
Facility Owner: Not reported
Facility Mailing Address: Not reported
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 101737 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 101737
Tank Type: UNKNOWN
Additional Id: 001
Capacity Gallons: 500

**R K BURNER SHEET METAL (Continued)** **S106059894**

| | |
|---|---|
| UST Contents: | LEADED |
| Other Content Info: | LEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1993-09-20 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 101737 T002 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 101737 |
| Tank Type: | UNKNOWN |
| Additional Id: | 002 |
| Capacity Gallons: | 500 |
| UST Contents: | LEADED |
| Other Content Info: | LEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1993-09-20 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

HIST UST:

| | |
|---|---|
| Name: | RK BURNER SHEET METAL INC |
| Address: | 9335 STEVENS ROAD |
| City,State,Zip: | SANTEE, CA 92071 |
| File Number: | 0002F1BA |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F1BA.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |

| | |
|---|---|
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

**R K BURNER SHEET METAL (Continued)** **S106059894**

Click here for Geo Tracker PDF:

**H62** **R.K. BURNER SHEET METAL, INC.** **San Diego Co. HMMD** **U001572274**
**SW** **9335 STEVENS RD** **HIST UST** **N/A**
**1/8-1/4** **SANTEE, CA 92071**
**0.136 mi.**
**716 ft.** **Site 10 of 11 in cluster H**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | 30 RACING, INC & JIMCO RACING, INC |
| Address: | 9335 STEVENS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | Not reported |
| Business Type: | Not reported |
| EPA Id Number: | CAL000453201 |
| APN: | Not reported |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 619-596-3360 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 08/10/2021 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 9335 Stevens RD, Santee, CA 92071 |
| Facility Mailing City: | Not reported |
| Facility Mailing State: | Not reported |
| Facility Mailing Zip: | Not reported |
| UST Owner: | N |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | N |
| Generate Medical Waste: | Not reported |

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-212009 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5699865 |
| Return To Compliance Date: | 2017-11-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-08-10T00:00:00.000 |
| Inspection Date: | 2017-06-20T16:53:00.000 |
| Violation Code: | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-212009 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |

**R.K. BURNER SHEET METAL, INC. (Continued)** **U001572274**

Inspection Number: 5699865
Return To Compliance Date: 2017-11-02T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-08-10T00:00:00.000
Inspection Date: 2017-06-20T16:53:00.000
Violation Code: 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)

Waste and Materials:

Record ID: DEH2010-HUPFP-212009
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0146133
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-22T00:48:01.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2010-HUPFP-212009
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269725
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:32:32.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2010-HUPFP-212009
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269726
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-10T02:32:32.000
Chemical Name: Argon Gas 75%, Carbon Dioxide 25% (Steelmix)
Common Name: Argon Gas 75%, Carbon Dioxide 25% (Steelmix)
Case Number: 7440-37-1

Record ID: DEH2010-HUPFP-212009
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269727
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-10T02:32:32.000
Chemical Name: Oxygen
Common Name: Oxygen Gas
Case Number: 7782-44-7

**R.K. BURNER SHEET METAL, INC. (Continued)** **U001572274**

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HCHEM-0269728 |
| Trade Secret: | N |
| Hazardous Material Type: | Mixture |
| Last Updated: | 2021-08-10T02:32:32.000 |
| Chemical Name: | Lubricating oils, used |
| Common Name: | Used lubricating oils |
| Case Number: | 70514-12-4 |

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0239848 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-08-10T02:32:32.000 |
| Chemical Name: | PARTS WASHER |
| Common Name: | PARTS WASHER |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0239849 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-08-10T02:32:32.000 |
| Chemical Name: | Ethylene Glycol |
| Common Name: | Ethylene Glycol |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2015-HCHEM-0080362 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2016-08-24T02:31:01.000 |
| Chemical Name: | PROPANE |
| Common Name: | PROPANE |
| Case Number: | 68476-85-7 |

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2015-HWAST-0063651 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2016-08-24T02:31:01.000 |
| Chemical Name: | PARTS WASHER |
| Common Name: | PARTS WASHER |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |

**R.K. BURNER SHEET METAL, INC. (Continued)** **U001572274**

| | |
|---|---|
| Active Permit: | Y |
| Child Record Id: | DEH2015-HWAST-0063652 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2016-08-24T02:31:01.000 |
| Chemical Name: | USED OIL |
| Common Name: | USED OIL |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2010-HUPFP-212009 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HCHEM-0226341 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2020-06-16T01:29:58.000 |
| Chemical Name: | PROPANE |
| Common Name: | PROPANE |
| Case Number: | 68476-85-7 |

| | |
|---|---|
| Name: | MASTERCRAFT SAFETY |
| Address: | 9335 STEVENS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 212009 |
| Business Type: | 6HK70 |
| EPA Id Number: | Not reported |
| APN: | 381-540-26-00 |
| Last HMMD Inspection: | 06/20/2012 |
| Facility Telephone: | 619-449-9455 |
| Permit Status: | OPEN |
| Permit Expiration: | 08/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | MASTERCRAFT, INC |
| Facility Mailing Address: | 9335 STEVENS RD |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 212009 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | GLUE - WATERBASED |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | CHRONIC |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 212009 |
| Update Date: | 11/02/2012 |

**R.K. BURNER SHEET METAL, INC. (Continued)** **U001572274**

| | |
|---|---|
| Case Number: | 68476-85-7 |
| Name: | PROPANE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |

Violations Active Permits:

| | |
|---|---|
| Permit Number: | 212009 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 06/03/2010 |
| Violation Code: | 6HV1004 |
| Violation: | HMBP NOT SUBMITTED TO HMD |
| Violation Citation: | Hazardous Materials Handler has not submitted a completed Business Plan to the HMMD. HSC 25505(a) |
| Activity: | ACTIVE |

HIST UST:

| | |
|---|---|
| Name: | R.K. BURNER SHEET METAL, INC. |
| Address: | 9335 STEVENS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000068882 |
| Facility Type: | Other |
| Other Type: | SHEET METAL INCORPOR |
| Contact Name: | Not reported |
| Telephone: | 6194491961 |
| Owner Name: | R.K. BURNER |
| Owner Address: | 7455 CONESTOGA WAY |
| Owner City,St,Zip: | SAN DIEGO, CA 92120 |
| Total Tanks: | 0002 |
| | |
| Tank Num: | 001 |
| Container Num: | 01 |
| Year Installed: | 1983 |
| Tank Capacity: | 00000500 |
| Tank Used for: | WASTE |
| Type of Fuel: | 1 |
| Container Construction Thickness: | X |
| Leak Detection: | Sensor Instrument, Pressure Test |
| | |
| Tank Num: | 002 |
| Container Num: | 02 |
| Year Installed: | 1983 |
| Tank Capacity: | 00000500 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Sensor Instrument, Pressure Test |

**H63** **MASTERCRAFT MOTORSPORTS INC** **RCRA NonGen / NLR** **1024849216**
**SW** **9335 STEVENS RD** **CAL000405613**
**1/8-1/4** **SANTEE, CA 92071**
**0.136 mi.**
**716 ft.** **Site 11 of 11 in cluster H**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20150327 |
| Handler Name: | MASTERCRAFT MOTORSPORTS INC |
| Handler Address: | 9335 STEVENS RD |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000405613 |
| Contact Name: | ANITA STEWART |
| Contact Address: | 9335 STEVENS RD |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-449-9455 |
| Contact Fax: | 619-449-9454 |
| Contact Email: | ANITA@MASTERCRAFTSAFETY.COM |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Not a generator, verified |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | Not reported |
| State District: | Not reported |
| Mailing Address: | 9335 STEVENS RD |
| Mailing City,State,Zip: | SANTEE, CA 92071 |
| Owner Name: | MASTERCRAFT MOTORSPORTS INC |
| Owner Type: | Other |
| Operator Name: | ANITA STEWART |
| Operator Type: | Other |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |

**MASTERCRAFT MOTORSPORTS INC (Continued)** **1024849216**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180906 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: ANITA STEWART | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-449-9455 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: MASTERCRAFT MOTORSPORTS INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9335 STEVENS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-2424 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**MASTERCRAFT MOTORSPORTS INC (Continued)** **1024849216**

Historic Generators:
Receive Date: 20150327
Handler Name: MASTERCRAFT MOTORSPORTS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 711219
NAICS Description: OTHER SPECTATOR SPORTS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**K64** **RAFI GORGES** **RCRA NonGen / NLR** **1025829201**
**ESE** **11140 MEADOW TERRACE DR.** **CAC003008755**
**1/8-1/4** **SANTEE, CA 92071**
**0.144 mi.**
**762 ft.** **Site 1 of 2 in cluster K**

**Relative:** **Higher**
**Actual:** **376 ft.**

RCRA Listings:
Date Form Received by Agency: 20190404
Handler Name: RAFI GORGES
Handler Address: 11140 MEADOW TERRACE DR.
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAC003008755
Contact Name: RAFI GORGES
Contact Address: 11140 MEADOW TERRACE DR.
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-504-2041
Contact Fax: Not reported
Contact Email: SDABATEMENT@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 11140 MEADOW TERRACE DR.
Mailing City,State,Zip: SANTEE, CA 92071
Owner Name: RAFI GORGES

**RAFI GORGES (Continued)** **1025829201**

| | | |
|---|---|---|
| Owner Type: | | Other |
| Operator Name: | RAFI GORGES | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20190626 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |
| Importer of Spent Lead Acid Batteries: | | No |
| Exporter of Spent Lead Acid Batteries: | | No |
| Recycler Activity Without Storage: | | No |
| Manifest Broker: | | No |

**RAFI GORGES (Continued)** **1025829201**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: RAFI GORGES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11140 MEADOW TERRACE DR.
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-504-2041
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RAFI GORGES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11140 MEADOW TERRACE DR.
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-504-2041
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190404
Handler Name: RAFI GORGES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**65**
**SE**
**1/8-1/4**
**0.166 mi.**
**876 ft.**

**JENNIFER JONES**
**9253 BLOOMDALE ST.**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1026817779**
**CAC003130545**

**Relative:**
**Higher**

**Actual:**
**383 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210722 |
| Handler Name: | JENNIFER JONES | |
| Handler Address: | | 9253 BLOOMDALE ST. |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003130545 |
| Contact Name: | | JENNIFER JONES |
| Contact Address: | | 9253 BLOOMDALE ST. |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-729-8448 |
| Contact Fax: | | Not reported |
| Contact Email: | | SDABATEMENT@GMAIL.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9253 BLOOMDALE ST. |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | JENNIFER JONES | |
| Owner Type: | | Other |
| Operator Name: | JENNIFER JONES | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**JENNIFER JONES (Continued)** **1026817779**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210722 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JENNIFER JONES | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9253 BLOOMDALE ST. |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-729-8448 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JENNIFER JONES | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9253 BLOOMDALE ST. |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-729-8448 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**JENNIFER JONES (Continued)** **1026817779**

Historic Generators:
Receive Date: 20210722
Handler Name: JENNIFER JONES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**L66** **QUALITY CONTROLLED MFG INC** **RCRA NonGen / NLR** **1024820220**
**West** **9429 ABRAHAM WAY** **CAL000332740**
**1/8-1/4** **SANTEE, CA 92071**
**0.170 mi.**
**896 ft.** **Site 1 of 10 in cluster L**

**Relative:** **Lower**

**Actual:** **353 ft.**

RCRA Listings:
Date Form Received by Agency: 20080519
Handler Name: QUALITY CONTROLLED MFG INC
Handler Address: 9429 ABRAHAM WAY
Handler City,State,Zip: SANTEE, CA 92071-2854
EPA ID: CAL000332740
Contact Name: LINDA RINNER
Contact Address: 9429 ABRAHAM WAY
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-443-3997
Contact Fax: 619-443-3797
Contact Email: LRINNER@QCMFGINC.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 9429 ABRAHAM WAY
Mailing City,State,Zip: SANTEE, CA 92071-2854
Owner Name: QUALITY CONTROLLED MFG INC

**QUALITY CONTROLLED MFG INC (Continued)** **1024820220**

| | | |
|---|---|---|
| Owner Type: | | Other |
| Operator Name: | LINDA RINNER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20180905 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |
| Importer of Spent Lead Acid Batteries: | | No |
| Exporter of Spent Lead Acid Batteries: | | No |
| Recycler Activity Without Storage: | | No |
| Manifest Broker: | | No |

**QUALITY CONTROLLED MFG INC (Continued)** **1024820220**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: LINDA RINNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9429 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-443-3997
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: QUALITY CONTROLLED MFG INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9429 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071-2854
Owner/Operator Telephone: 619-443-3997
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20080519
Handler Name: QUALITY CONTROLLED MFG INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 33271
NAICS Description: MACHINE SHOPS

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**L67** **QUALITY CONTROLLED MFG INC** **RCRA-SQG** **1000344064**
**West** **9429 ABRAHAM WAY** **FINDS** **CAD981396997**
**1/8-1/4** **SANTEE, CA 92071** **ECHO**
**0.170 mi.**
**896 ft.** **Site 2 of 10 in cluster L**

**Relative:** **Lower**
**Actual:** **353 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19860421 |
| Handler Name: | AEROWIND CORP | |
| Handler Address: | | 9429 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD981396997 |
| Contact Name: | | ENVIRONMENTAL MANAGER |
| Contact Address: | | 9429 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-6090 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Other |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 9429 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | W L KOUSENS | |
| Owner Type: | | Private |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**QUALITY CONTROLLED MFG INC (Continued)** **1000344064**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: W L KOUSENS | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**QUALITY CONTROLLED MFG INC (Continued)** **1000344064**

Historic Generators:
Receive Date: 19860421
Handler Name: AEROWIND CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 336419
NAICS Description: OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055743888

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110002693381

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

**QUALITY CONTROLLED MFG INC (Continued)** **1000344064**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000344064 |
| Registry ID: | 110055743888 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110055743888 |
| Name: | QUALITY CONTROLLED MFG INC |
| Address: | 9429 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |

| | |
|---|---|
| Envid: | 1000344064 |
| Registry ID: | 110002693381 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002693381 |
| Name: | AEROWIND CORP |
| Address: | 9429 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |

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**L68** **QUALITY CONTROLLED MANUFACTURING, INC** **San Diego Co. HMMD** **S104745175**
**West** **9429 ABRAHAM WAY** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **CERS**
**0.170 mi.**
**896 ft.** **Site 3 of 10 in cluster L**

**Relative:**
**Lower**

**Actual:**
**353 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Address: | 9429 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | Not reported |
| Business Type: | Not reported |
| EPA Id Number: | CAL000332740 |
| APN: | Not reported |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 619-443-3997 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 03/30/2022 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 9429 ABRAHAM WAY, SANTEE, CA 92071-2854 |
| Facility Mailing City: | Not reported |
| Facility Mailing State: | Not reported |
| Facility Mailing Zip: | Not reported |
| UST Owner: | N |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Y |
| Generate Medical Waste: | Not reported |

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209404 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209404 |
| Program Element: | Hazardous Materials Release Response Plans |

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

| | |
|---|---|
| Inspection Type: | Routine |
| Inspection Number: | 6806436 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-30T00:00:00.000 |
| Inspection Date: | 2021-11-10T00:00:00.000 |
| Violation Code: | HMD0000 HAZARDOUS MATERIALS REQUIREMENTS |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209404 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209404 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6806436 |
| Return To Compliance Date: | 2021-11-10T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-30T00:00:00.000 |
| Inspection Date: | 2021-11-10T00:00:00.000 |
| Violation Code: | 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b) |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209404 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209404 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5596402 |
| Return To Compliance Date: | 2016-11-10T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-30T00:00:00.000 |
| Inspection Date: | 2016-11-09T17:10:00.000 |
| Violation Code: | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209404 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HCHEM-0241065 |
| Trade Secret: | N |
| Hazardous Material Type: | Mixture |
| Last Updated: | 2021-04-03T02:49:33.000 |
| Chemical Name: | Not reported |
| Common Name: | CHEVRON Rando 32 |
| Case Number: | Not reported |

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241066
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: Way Lube
Common Name: Mobil Vactra OIL #2
Case Number: 64742-57-0

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241072
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: Olympus Premium Way Lube 68
Common Name: Way Lube 68
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241073
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: Olympus Mineral Seal Oil
Common Name: Preservative Oil
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241074
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: Mobil DTE Oil Lite
Common Name: DTE Lite
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241075
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: Denatured Ethanol
Common Name: Denatured Alcohol
Case Number: 64-17-5

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0211815
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: Not reported
Common Name: Oily Water
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211816
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: ACTIVATED CARBON FILTER MEDIA & ABSORBENT
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122392
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122393
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: WATER SOLUBLE OIL
Common Name: VP-TECH, ZEP PRESERVE
Case Number: 64742-88-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122394
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122395

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: WAY OILS
Common Name: MOBIL VACTRA, VISTAC ISO68, VISTAC ISO32, ARROW 502
Case Number: 64742-57-0

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0122396
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: MINERAL OILS
Common Name: CHEVRON RIKON & RANDO, PELLA, DTE LIGHT
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102349
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED CUTTING OILS
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102350
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: ACTIVATED CARBON FILTER MEDIA &ABSORBENT
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0102351
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-23T02:32:55.000
Chemical Name: Not reported
Common Name: Oily Absorbents
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312310
Trade Secret: N
Hazardous Material Type: Mixture

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Not reported
Common Name: CHEVRON Rando 32
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312311
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Way Lube
Common Name: Mobil Vactra OIL #2
Case Number: 64742-57-0

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312321
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Heavy Duty Degreaser Concentrate
Common Name: Parts Washer Fluid
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280017
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Not reported
Common Name: Oily Water
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280018
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: ACTIVATED CARBON FILTER MEDIA & ABSORBENT
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280019
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Common Name: USED CUTTING OILS
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280020
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Not reported
Common Name: Oily Absorbents
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205640
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Way Lube
Common Name: Mobil Vactra OIL #2
Case Number: 64742-57-0

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205641
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 74-98-6

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205642
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: WATER SOLUBLE OIL
Common Name: VP-TECH
Case Number: 64742-88-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205643
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205644
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: TURCO 5948-DPM
Common Name: ALKALINE CLEANER
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205645
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Olympus Premium Way Lube 32
Common Name: Way Lube 32
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205646
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Olympus Premium Way Lube 68
Common Name: Way Lube 68
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205647
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Olympus Mineral Seal Oil
Common Name: Preservative Oil
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205648
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Mobil DTE Oil Lite
Common Name: DTE Lite
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0177605
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Not reported
Common Name: Oily Water
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177606
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: ACTIVATED CARBON FILTER MEDIA & ABSORBENT
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177607
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED CUTTING OILS
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177608
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Not reported
Common Name: Oily Absorbents
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205639
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-04T02:55:13.000
Chemical Name: Not reported
Common Name: CHEVRON Rando 32
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0280021

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Not reported
Common Name: Evaporated oily water and coolant
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241067
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 74-98-6

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241068
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: WATER SOLUBLE OIL
Common Name: VP-TECH
Case Number: 64742-88-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312312
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 74-98-6

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312313
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: WATER SOLUBLE OIL
Common Name: Machining Coolant
Case Number: 64742-88-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312314
Trade Secret: N
Hazardous Material Type: Pure

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Last Updated: 2022-03-30T02:32:45.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312315
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: TURCO 5948-DPM
Common Name: ALKALINE CLEANER
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312316
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Olympus Premium Way Lube 32
Common Name: Way Lube 32
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312317
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Olympus Premium Way Lube 68
Common Name: Way Lube 68
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312318
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Olympus Mineral Seal Oil
Common Name: Preservative Oil
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312319
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Mobil DTE Oil Lite

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Common Name: DTE Lite
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0312320
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-30T02:32:45.000
Chemical Name: Denatured Ethanol
Common Name: Denatured Alcohol
Case Number: 64-17-5

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241069
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241070
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: TURCO 5948-DPM
Common Name: ALKALINE CLEANER
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0241071
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: Olympus Premium Way Lube 32
Common Name: Way Lube 32
Case Number: Not reported

Record ID: DEH2008-HUPFP-209404
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0211817
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-03T02:49:33.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED CUTTING OILS
Case Number: Not reported

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209404 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0211818 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-04-03T02:49:33.000 |
| Chemical Name: | Not reported |
| Common Name: | Oily Absorbents |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209404 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0211819 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-04-03T02:49:33.000 |
| Chemical Name: | Not reported |
| Common Name: | Evaporated oily water and coolant |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209404 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0211820 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-04-03T02:49:33.000 |
| Chemical Name: | Not reported |
| Common Name: | Evaporated oily water and coolant |
| Case Number: | Not reported |

| | |
|---|---|
| Name: | DISCFLO CORPORATION |
| Address: | 9429 ABRAHAM WY |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 130362 |
| Business Type: | 6HK70 |
| EPA Id Number: | CAL000005551 |
| APN: | 381-640-35-00 |
| Last HMMD Inspection: | 08/12/1992 |
| Facility Telephone: | 619-449-1971 |
| Permit Status: | INAC |
| Permit Expiration: | 08/12/2002 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | MAX GURTH |
| Facility Mailing Address: | 9429 ABRAHAM WY |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-2854 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Generate Medical Waste: Not reported

Name: QUALITY CONTROLLED MANUFACTURING, INC
Address: 9429 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 209404
Business Type: 6HK35
EPA Id Number: CAL000332740
APN: 381-640-35-00
Last HMMD Inspection: 08/16/2011
Facility Telephone: 619-443-3997
Permit Status: OPEN
Permit Expiration: 03/31/2013
Date Last Updated: 11/02/2012
Facility Owner: QUALITY CONTROLLED MANUFACTURING, INC
Facility Mailing Address: 9429 ABRAHAM WAY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-2854
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 209404
Update Date: 11/02/2012
Case Number: Not reported
Name: ARGON/CO2 GAS
Other Information: MIG MIX
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 209404
Update Date: 11/02/2012
Case Number: Not reported
Name: MINERAL OILS
Other Information: CHEVRON RIKON & RANDO, PELLA, DTE LIGHT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 209404
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 209404
Update Date: 11/02/2012
Case Number: 68476-85-7

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 209404
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED CUTTING OILS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209404
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: ACTIVATED CARBON FILTER MEDIA &ABSORBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209404
Update Date: 11/02/2012
Case Number: 64742-88-7
Name: WATER SOLUBLE OIL
Other Information: VP-TECH, ZEP PRESERVE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 209404
Update Date: 11/02/2012
Case Number: 64742-57-0
Name: WAY OILS
Other Information: MOBIL VUCTRA, VISTA ISO68, VISTA ISO32, ARROW 502
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Violations Active Permits:
Permit Number: 209404
Update Date: 11/02/2012
Inspection Date: 08/16/2011
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Name: PEC OF AMERICA CORP
Address: 9429 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

| | |
|---|---|
| Permit Number: | 100970 |
| Business Type: | 6HK35 |
| EPA Id Number: | CAL000130529 |
| APN: | 381-640-35-00 |
| Last HMMD Inspection: | 03/08/2000 |
| Facility Telephone: | 619-596-6400 |
| Permit Status: | INAC |
| Permit Expiration: | 02/28/2001 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | PEC AMERICA CORP |
| Facility Mailing Address: | 9429 ABRAHAM WY |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-2854 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

CERS HAZ WASTE:

| | |
|---|---|
| Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Address: | 9429 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 400053 |
| CERS ID: | 10377229 |
| CERS Description: | Hazardous Waste Onsite Treatment |

| | |
|---|---|
| Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Address: | 9429 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 400053 |
| CERS ID: | 10377229 |
| CERS Description: | Hazardous Waste Generator |

CERS:

| | |
|---|---|
| Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Address: | 9429 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 400053 |
| CERS ID: | 10377229 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 400053 |
| Site Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Violation Date: | 11-10-2021 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 11/10/2021. Inspection Sequence ID:6806436 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Violation Source: CERS,

Site ID: 400053
Site Name: QUALITY CONTROLLED MANUFACTURING, INC
Violation Date: 11-09-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 11/10/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4092211
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5596402
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6038948
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5596402
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2015
Violations Found: No
Eval Type: Routine done by local agency

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

| | |
|---|---|
| Eval Notes: | Inspector: Santos Steven Inspection ID:4092211 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-06-2018 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6038948 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | CE |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-06-2018 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6038948 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-10-2021 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Zahra Alaaeddine Inspection ID:6806436 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-10-2021 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Zahra Alaaeddine Inspection ID:6806436 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | PBR |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-10-2021 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Zahra Alaaeddine Inspection ID:6806436 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

Coordinates:

| | |
|---|---|
| Site ID: | 400053 |
| Facility Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Env Int Type Code: | HMBP |
| Program ID: | 10377229 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station., |

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

Latitude: 32.848020
Longitude: -116.963230

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Bringino
Entity Title: Not reported
Affiliation Address: 9429 ABRAHAM WAY
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: GRANDE WILLIAM R REVOCABLE TRUS
Entity Title: Not reported
Affiliation Address: 9429 ABRAHAM WAY
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 443-3997,

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Thomas Shultz
Entity Title: CNC Machinist / Instructor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9429 ABRAHAM WAY
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071-2854
Affiliation Phone: ,

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Tom Shultz
Entity Title: Machinist

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 443-3997, |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Thomas Shultz |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | WILLIAM R. GRANDE |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Linda Rinner |
| Entity Title: | Q.E. |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | GRANDE WILLIAM R REVOCABLE TRUS |
| Entity Title: | Not reported |
| Affiliation Address: | 9429 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (616) 443-3997, |

**QUALITY CONTROLLED MANUFACTURING, INC (Continued)** **S104745175**

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | QUALITY CONTROLLED MANUFACTURING, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

---

**M69** **FETTERLEY OIL CO** **San Diego Co. HMMD** **S104746325**
**SW** **9311 STEVENS ST** **SWEEPS UST** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **NPDES**
**0.180 mi.**
**953 ft.** **Site 1 of 4 in cluster M**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | FETTERLEY OIL CO |
| Address: | 9311 STEVENS ST |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 106168 |
| Business Type: | 6HK03 |
| EPA Id Number: | Not reported |
| APN: | 381-540-28-00 |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 619-447-6212 |
| Permit Status: | INAC |
| Permit Expiration: | 09/30/2002 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | FETTERLEY OIL CO |
| Facility Mailing Address: | 9311 STEVENS ST |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-2809 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

UST:

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 106168 T001 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 106168 |
| Tank Type: | UNKNOWN |
| Additional Id: | 1 |
| Capacity Gallons: | 4000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-12-03 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |
| UST Name: | UNDERGROUND TANK 106168 T002 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 106168 |
| Tank Type: | UNKNOWN |
| Additional Id: | 2 |
| Capacity Gallons: | 4000 |
| UST Contents: | LEADED |
| Other Content Info: | LEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-08-03 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| Name: | ADVANCED ELECTROMAGNETICS INC |
| Address: | 9311 STEVENS ST |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 201027 |
| Business Type: | 6HK70 |
| EPA Id Number: | CAL000268038 |
| APN: | 381-540-28-00 |
| Last HMMD Inspection: | 10/19/2011 |
| Facility Telephone: | 619-449-9492 |
| Permit Status: | OPEN |
| Permit Expiration: | 01/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | ORBIT/FR |
| Facility Mailing Address: | PO BOX 711719 |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 79-20-9 |
| Name: | 3M ADHESIVE CA94 |
| Other Information: | (70% METHYLACETATE) |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Case Number: | 67-64-1 |
| Name: | ACETONE (65%) |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 12046-04-7 |
| Name: | AMMONIUM PENTABORATE 100% |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | CHRONIC |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 10043-35-3 |
| Name: | BORIC ACID |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | CHRONIC |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 1333-86-4 |
| Name: | CARBON BLACK & BORIC ACID MIXTURES |
| Other Information: | DIFFERENT CONCENTRATIONS |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 1333-86-4 |
| Name: | CARBON BLACK POLYMER |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | CHRONIC |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 7783-28-0 |
| Name: | DIAMMONIUM PHOSPHATE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | REACTIVE |
| Hazardous Categories 2: | ACUTE |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 107-21-1 |
| Name: | ETHYLENE GLYCOL 2%SILICON DI-OXIDE 0.4%(LATEX PAINT) |
| Other Information: | Not reported |

**FETTERLEY OIL CO (Continued)** **S104746325**

Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 201027
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 201027
Update Date: 11/02/2012
Case Number: 67-64-1
Name: SOLVENT BASED COATING
Other Information: MURACULON (40% ACETONE)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 201027
Update Date: 11/02/2012
Case Number: 57-13-6
Name: UREA
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/08/2009
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/08/2009
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/08/2009
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Activity: | ACTIVE |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 04/08/2009 |
| Violation Code: | 6HV0411 |
| Violation: | CONTINGENCY PLAN NOT IMPLEMENTED |
| Violation Citation: | Small quantity generator of hazardous waste failed to carry out contingency plan during an emergency. CFR 262.34(d)(5)(iv) |
| Activity: | ACTIVE |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 04/10/2006 |
| Violation Code: | 6HV1013 |
| Violation: | HMBP NOT AVAILABLE FOR REVIEW |
| Violation Citation: | Copy of HMBP not onsite for inspector’s review. 25505(e) |
| Activity: | ACTIVE |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/21/2003 |
| Violation Code: | 6HV0209 |
| Violation: | WASTE ONSITE >90/180/270 DAYS |
| Violation Citation: | Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&( c) |
| Activity: | ACTIVE |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/21/2003 |
| Violation Code: | 6HV0304 |
| Violation: | WASTE DETERMINATION NOT MADE |
| Violation Citation: | Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c) |
| Activity: | ACTIVE |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/21/2003 |
| Violation Code: | 6HV0401 |
| Violation: | TRAINING RECORDS UNAVAILABLE |
| Violation Citation: | Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e) |
| Activity: | ACTIVE |
| Name: | ADVANCED ELECTROMAGNETICS INC |
| Address: | 9311 STEVENS ST |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 201027 |
| Business Type: | 6HK70 |
| EPA Id Number: | CAL000268038 |
| APN: | 381-540-28-00 |
| Last HMMD Inspection: | 10/19/2011 |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Facility Telephone: | 619-449-9492 |
| Permit Status: | OPEN |
| Permit Expiration: | 01/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | ORBIT/FR |
| Facility Mailing Address: | PO BOX 711719 |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 79-20-9 |
| Name: | 3M ADHESIVE CA94 |
| Other Information: | (70% METHYLACETATE) |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 67-64-1 |
| Name: | ACETONE (65%) |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 12046-04-7 |
| Name: | AMMONIUM PENTABORATE 100% |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | CHRONIC |

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 10043-35-3 |
| Name: | BORIC ACID |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | CHRONIC |

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 1333-86-4 |
| Name: | CARBON BLACK & BORIC ACID MIXTURES |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Other Information: | DIFFERENT CONCENTRATIONS |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 1333-86-4 |
| Name: | CARBON BLACK POLYMER |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | CHRONIC |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 7783-28-0 |
| Name: | DIAMMONIUM PHOSPHATE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | REACTIVE |
| Hazardous Categories 2: | ACUTE |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 107-21-1 |
| Name: | ETHYLENE GLYCOL 2%SILICON DI-OXIDE 0.4%(LATEX PAINT) |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 74-98-6 |
| Name: | PROPANE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | PRESSURE RELEASE |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 67-64-1 |
| Name: | SOLVENT BASED COATING |
| Other Information: | MURACULON (40% ACETONE) |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | CHRONIC |
| | |
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Case Number: | 57-13-6 |
| Name: | UREA |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |

**FETTERLEY OIL CO (Continued)** **S104746325**

Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/08/2009
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/08/2009
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c)
Activity: ACTIVE

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/08/2009
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/08/2009
Violation Code: 6HV0411
Violation: CONTINGENCY PLAN NOT IMPLEMENTED
Violation Citation: Small quantity generator of hazardous waste failed to carry out contingency plan during an emergency. CFR 262.34(d)(5)(iv)
Activity: ACTIVE

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 04/10/2006
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector’s review. 25505(e)
Activity: ACTIVE

Permit Number: 201027
Update Date: 11/02/2012
Inspection Date: 08/21/2003
Violation Code: 6HV0209
Violation: WASTE ONSITE >90/180/270 DAYS
Violation Citation: Hazardous waste is stored in excess of allowable time period (90 days) without a State permit or written variance. CCR 25201(a) & 66262.34(a)&( c)
Activity: ACTIVE

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/21/2003 |
| Violation Code: | 6HV0304 |
| Violation: | WASTE DETERMINATION NOT MADE |
| Violation Citation: | Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200( c) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 201027 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/21/2003 |
| Violation Code: | 6HV0401 |
| Violation: | TRAINING RECORDS UNAVAILABLE |
| Violation Citation: | Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e) |
| Activity: | ACTIVE |

SWEEPS UST:

| | |
|---|---|
| Name: | FETTERLEY OIL CO |
| Address: | 9311 STEVENS ST |
| City: | SANTEE |
| Status: | Not reported |
| Comp Number: | 6168 |
| Number: | Not reported |
| Board Of Equalization: | 44-022345 |
| Referral Date: | Not reported |
| Action Date: | Not reported |
| Created Date: | Not reported |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 37-000-006168-000001 |
| Tank Status: | Not reported |
| Capacity: | 4000 |
| Active Date: | Not reported |
| Tank Use: | M.V. FUEL |
| STG: | PRODUCT |
| Content: | OTHER |
| Number Of Tanks: | 2 |

| | |
|---|---|
| Name: | FETTERLEY OIL CO |
| Address: | 9311 STEVENS ST |
| City: | SANTEE |
| Status: | Not reported |
| Comp Number: | 6168 |
| Number: | Not reported |
| Board Of Equalization: | 44-022345 |
| Referral Date: | Not reported |
| Action Date: | Not reported |
| Created Date: | Not reported |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 37-000-006168-000002 |
| Tank Status: | Not reported |
| Capacity: | 4000 |
| Active Date: | Not reported |
| Tank Use: | M.V. FUEL |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| STG: | PRODUCT |
| Content: | LEADED |
| Number Of Tanks: | Not reported |

NPDES:

| | |
|---|---|
| Name: | ADVANCED ELECTROMAGNETICS INC |
| Address: | 9311 STEVENS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 9 37I020433 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 09/19/2017 |
| Operator Name: | Scott Martin |
| Operator Address: | PO Box 711719 |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92072 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Terminated |
| Agency Number: | 0 |
| Region: | 9 |
| Regulatory Measure ID: | 308293 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 9 37I020433 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 08/28/2006 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 09/19/2017 |
| Discharge Name: | Scott Martin |
| Discharge Address: | PO Box 711719 |
| Discharge City: | Santee |
| Discharge State: | California |
| Discharge Zip: | 92072 |
| Received Date: | Not reported |
| Processed Date: | Not reported |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Agency Number: | Not reported |
| Region: | 9 |
| Regulatory Measure ID: | 308293 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 9 37I020433 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 08/28/2006 |
| Status: | Active |
| Status Date: | 08/28/2006 |
| Place Size: | 3 |
| Place Size Unit: | Acres |
| Contact: | Marvin Schultz |
| Contact Title: | maintenance supervisor |
| Contact Phone: | 619-449-9492 |
| Contact Phone Ext: | Not reported |
| Contact Email: | mschultz@aemi-inc.com |
| Operator Name: | Scott Martin |
| Operator Address: | PO Box 711719 |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92072 |
| Operator Contact: | Marvin Schultz |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 619-449-9492 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | mschultz@aemi-inc.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |

**FETTERLEY OIL CO (Continued)** **S104746325**

| | |
|---|---|
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | San Diego River |
| Certifier: | marvin schultz |
| Certifier Title: | MAINTENANCE SUPERVISOR |
| Certification Date: | 06-MAY-15 |
| Primary Sic: | 3999-Manufacturing Industries, NEC |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

---

**K70** **JORGE CONTRERAS** **RCRA NonGen / NLR** **1027215377**
**ESE** **11203 VIA MADONNA** **CAC003180076**
**1/8-1/4** **SANTEE, CA 92071**
**0.187 mi.**
**985 ft.** **Site 2 of 2 in cluster K**

**Relative:** **Higher**

**Actual:** **389 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20220609 |
| Handler Name: | JORGE CONTRERAS | |
| Handler Address: | | 11203 VIA MADONNA |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003180076 |
| Contact Name: | | JORGE CONTRERAS |
| Contact Address: | | 11203 VIA MADONNA |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-751-5736 |
| Contact Fax: | | Not reported |
| Contact Email: | | JSARDO@HSABATEMENT.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 11203 VIA MADONNA |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | JORGE CONTRERAS | |
| Owner Type: | | Other |
| Operator Name: | JORGE CONTRERAS | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |

**JORGE CONTRERAS (Continued)** **1027215377**

| | |
|---|---|
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20220609 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JORGE CONTRERAS | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |

**JORGE CONTRERAS (Continued)** **1027215377**

| | |
|---|---|
| Owner/Operator Address: | 11203 VIA MADONNA |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-751-5736 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JORGE CONTRERAS | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11203 VIA MADONNA |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-751-5736 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20220609 |
| Handler Name: JORGE CONTRERAS | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 56299 |
| NAICS Description: | ALL OTHER WASTE MANAGEMENT SERVICES |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

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**N71** **HYDRAULIC ELECTRIC COMPONENT SUPPLY INC** **CERS HAZ WASTE** **S123498932**
**SSW** **9316 WHEATLANDS RD SUITES A&B** **CERS** **N/A**
**1/8-1/4** **SANTEE, CA 92071**
**0.192 mi.**
**1012 ft.** **Site 1 of 3 in cluster N**

**Relative:**
**Higher**

**Actual:**
**360 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | HYDRAULIC ELECTRIC COMPONENT SUPPLY INC |
| Address: | 9316 WHEATLANDS RD SUITES A&B |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 106953 |
| CERS ID: | 10377214 |

**HYDRAULIC ELECTRIC COMPONENT SUPPLY INC (Continued)** **S123498932**

CERS Description: Hazardous Waste Generator

CERS:
Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Address: 9316 WHEATLANDS RD SUITES A&B
City,State,Zip: SANTEE, CA 92071
Site ID: 106953
CERS ID: 10377214
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 106953
Site Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Violation Date: 02-26-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 106953
Site Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Violation Date: 02-26-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 106953
Site Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Violation Date: 02-26-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 106953
Site Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Violation Date: 12-14-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training

**HYDRAULIC ELECTRIC COMPONENT SUPPLY INC (Continued)** **S123498932**

| | |
|---|---|
| | records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 01/20/2020. Inspection Sequence ID:5856212 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 106953 |
| Site Name: | HYDRAULIC ELECTRIC COMPONENT SUPPLY INC |
| Violation Date: | 01-15-2020 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 01/15/2020. Inspection Sequence ID:6334243 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 106953 |
| Site Name: | HYDRAULIC ELECTRIC COMPONENT SUPPLY INC |
| Violation Date: | 02-26-2016 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 106953 |
| Site Name: | HYDRAULIC ELECTRIC COMPONENT SUPPLY INC |
| Violation Date: | 02-26-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 106953 |
| Site Name: | HYDRAULIC ELECTRIC COMPONENT SUPPLY INC |
| Violation Date: | 02-26-2016 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

**HYDRAULIC ELECTRIC COMPONENT SUPPLY INC (Continued)** **S123498932**

Site ID: 106953
Site Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Violation Date: 02-26-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 106953
Site Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Violation Date: 01-15-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 01/20/2020. Inspection Sequence ID:6334243
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 106953
Site Name: HYDRAULIC ELECTRIC COMPONENT SUPPLY INC
Violation Date: 02-26-2016
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Returned to compliance on 02/26/2016. Inspection Sequence ID:5427192
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-15-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6334243
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5427192
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

**HYDRAULIC ELECTRIC COMPONENT SUPPLY INC (Continued)** **S123498932**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5427192
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Preece Sharon Inspection ID:4110285
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5856212
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-15-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6334243
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5856212
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Raymond Sanchez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation

**HYDRAULIC ELECTRIC COMPONENT SUPPLY INC (Continued)** **S123498932**

| | |
|---|---|
| Entity Name: | HYDRAULIC ELECTRIC COMPONENT SUPPLY INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Raymond Sanchez |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | HYDRAULIC ELECTRIC COMPONENT SUPPLY INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 258-7377, |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Raymond Sanchez |
| Entity Title: | Not reported |
| Affiliation Address: | 9316 WHEATLANDS ROAD SUITE A&B |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9316 WHEATLANDS ROAD SUITE A&B |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |

**HYDRAULIC ELECTRIC COMPONENT SUPPLY INC (Continued)** **S123498932**

Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Hydraulic Electric Component Supply, Inc.
Entity Title: Not reported
Affiliation Address: 9316 WHEATLANDS ROAD A&B
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 258-7377,

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**L72** **STRATEDGE CORPORATION** **San Diego Co. HMMD** **S113155444**
**West** **9424 ABRAHAM WAY** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **HAZNET**
**0.195 mi.** **CERS**
**1027 ft.** **Site 4 of 10 in cluster L** **HWTS**

**Relative:** **Lower**

**Actual:** **353 ft.**

HMMD SAN DIEGO:
Name: STRATEDGE CORPORATION
Address: 9424 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAR000285569
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-569-5000
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 10/20/2021
Facility Owner: Not reported
Facility Mailing Address: 9424 ABRAHAM WAY, SANTEE, CA 92071
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-209130
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6473669
Return To Compliance Date: 2021-07-06T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2021-06-11T00:00:00.000 |
| Violation Code: | 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d) |
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4110299 |
| Return To Compliance Date: | 2015-04-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2015-03-30T00:00:00.000 |
| Violation Code: | 1010003 Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page; 19 CCR 4 2729.2(a)(1). |
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6473669 |
| Return To Compliance Date: | 2021-07-06T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2021-06-11T00:00:00.000 |
| Violation Code: | 3030036 Failed to maintain adequate aisle space. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35 |
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6473669 |
| Return To Compliance Date: | 2021-06-30T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2021-06-11T00:00:00.000 |
| Violation Code: | 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4110299 |
| Return To Compliance Date: | 2015-04-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2015-03-30T00:00:00.000 |
| Violation Code: | 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c) |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 6001150 |
| Return To Compliance Date: | 2018-07-18T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2018-07-06T17:58:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6473669 |
| Return To Compliance Date: | 2021-07-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2021-06-11T00:00:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6473669 |
| Return To Compliance Date: | 2021-07-07T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2021-06-11T00:00:00.000 |
| Violation Code: | 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b) |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4110299 |
| Return To Compliance Date: | 2015-04-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2015-03-30T00:00:00.000 |
| Violation Code: | 1010002 Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet; HSC 6.95 25508(a)1A |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209130 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6473669 |
| Return To Compliance Date: | 2021-07-06T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-20T01:36:03.000 |
| Inspection Date: | 2021-06-11T00:00:00.000 |
| Violation Code: | 3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f) |

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209130 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |

**STRATEDGE CORPORATION (Continued)** **S113155444**

Child Record Id: DEH2021-HCHEM-0310656
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Three % of Hydrogen in Nigrogen
Common Name: Forming Gas
Case Number: MIX

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310657
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Carbon Dioxide, Liquid
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310658
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Hydrochloric Acid
Common Name: Descaling Solution
Case Number: 7647-01-0

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310660
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310662
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Hydrogen
Common Name: Hydrogen Gas
Case Number: 1333-74-0

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0278671
Trade Secret: N

**STRATEDGE CORPORATION (Continued)** **S113155444**

Hazardous Material Type: Not reported
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Non-RCRA Red Dye Waste
Common Name: Non-RCRA Red Dye Waste
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0278672
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Methanol / Naptha Waste
Common Name: Methanol / Naptha Waste
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0278673
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Waste Hydrochloric Acid
Common Name: Waste Mixed Acid
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0278674
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Nickel(iii) Chloride, Hexahydrate
Common Name: Electroless Ni Plating Waste
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0278675
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Ferrate(3-), hexakis(cyano-.kappa.C)-, (OC-6-11)-
Common Name: Ferricyanide Waste
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0278676
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-20T01:36:03.000

**STRATEDGE CORPORATION (Continued)** **S113155444**

Chemical Name: Tungsten
Common Name: Paste Jars
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310659
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Nitrogen
Common Name: Forming Gas (3% H2 in N2
Case Number: 7727-37-9

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0310661
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-20T01:36:03.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193532
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T00:38:49.000
Chemical Name: Three % of Hydrogen in Nigrogen
Common Name: Forming Gas
Case Number: MIX

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193533
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T00:38:49.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193534
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T00:38:49.000
Chemical Name: Hydrogen
Common Name: Hydrogen Gas

**STRATEDGE CORPORATION (Continued)** **S113155444**

Case Number: 1333-74-0

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167244
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-20T00:38:50.000
Chemical Name: Non-RCRA Red Dye Waste
Common Name: Non-RCRA Red Dye Waste
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167245
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-20T00:38:50.000
Chemical Name: Methanol / Naptha Waste
Common Name: Methanol / Naptha Waste
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225212
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-09-14T02:40:26.000
Chemical Name: Three % of Hydrogen in Nigrogen
Common Name: Forming Gas
Case Number: MIX

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225213
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-14T02:40:26.000
Chemical Name: Waste Hydrochloric Acid
Common Name: Waste Hydrochloric Acid
Case Number: 7647-01-0

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225214
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-14T02:40:26.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

**STRATEDGE CORPORATION (Continued)** **S113155444**

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225215
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-14T02:40:26.000
Chemical Name: Hydrochloric Acid
Common Name: Hydrochloric Acid
Case Number: 7647-01-0

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225216
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-14T02:40:26.000
Chemical Name: Hydrogen
Common Name: Hydrogen Gas
Case Number: 1333-74-0

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0195122
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-14T02:40:26.000
Chemical Name: Non-RCRA Red Dye Waste
Common Name: Non-RCRA Red Dye Waste
Case Number: Not reported

Record ID: DEH2008-HUPFP-209130
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0195123
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-14T02:40:26.000
Chemical Name: Methanol / Naptha Waste
Common Name: Methanol / Naptha Waste
Case Number: Not reported

CERS HAZ WASTE:
Name: STRATEDGE CORPORATION
Address: 9424 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 435740
CERS ID: 10377220
CERS Description: Hazardous Waste Generator

Name: STRATEDGE CORPORATION
Address: 9424 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 435740

**STRATEDGE CORPORATION (Continued)** **S113155444**

CERS ID: 10377220
CERS Description: RCRA LQ HW Generator

HAZNET:
Name: JERAMES TOOL & MFG
Address: 9424 ABRAHAM WAY
Address 2: Not reported
City,State,Zip: SANTEE, CA 920715640
Contact: BRANDON GAY
Telephone: 6194481220
Mailing Name: Not reported
Mailing Address: 9424 ABRAHAM WAY

Year: 2016
Gepaid: CAL000340945
TSD EPA ID: CAT000613976
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.10842

Year: 2016
Gepaid: CAL000340945
TSD EPA ID: CAD044429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.5846

Year: 2015
Gepaid: CAL000340945
TSD EPA ID: CAT000613976
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.20433

Year: 2015
Gepaid: CAL000340945
TSD EPA ID: CAD044429835
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.125

Year: 2015
Gepaid: CAL000340945
TSD EPA ID: CAT000613976
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.21

Year: 2015
Gepaid: CAL000340945
TSD EPA ID: CAD044429835

**STRATEDGE CORPORATION (Continued)** **S113155444**

CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.3761

Year: 2015
Gepaid: CAL000340945
TSD EPA ID: CAD004429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.919

Year: 2015
Gepaid: CAL000340945
TSD EPA ID: CAD044429835
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

Year: 2014
Gepaid: CAL000340945
TSD EPA ID: CAD044429835
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.17514

Year: 2014
Gepaid: CAL000340945
TSD EPA ID: CAT000613976
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.09174

Click this hyperlink while viewing on your computer to access
27 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2016
Gen EPA ID: CAL000340945

Shipment Date: 20151030
Creation Date: 5/4/2016 22:15:42
Receipt Date: 20151104
Manifest ID: 005058875SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150930 |
| Creation Date: | 12/22/2015 22:15:07 |
| Receipt Date: | 20151020 |
| Manifest ID: | 005034080SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERV INC |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150930 |
| Creation Date: | 12/22/2015 22:15:07 |
| Receipt Date: | 20151020 |
| Manifest ID: | 005034080SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERV INC |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150914 |
| Creation Date: | 11/4/2015 22:15:42 |
| Receipt Date: | 20150924 |
| Manifest ID: | 004828165SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.3761 |
| Waste Quantity: | 330 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150811 |
| Creation Date: | 2/4/2016 22:15:54 |
| Receipt Date: | 20150817 |
| Manifest ID: | 004828370SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.063 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150811 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Creation Date: | 2/4/2016 22:15:54 |
| Receipt Date: | 20150817 |
| Manifest ID: | 004828400SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0417 |
| Waste Quantity: | 10 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20150526 |
| Creation Date: | 11/5/2015 22:15:08 |
| Receipt Date: | 20150601 |
| Manifest ID: | 004926063SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.06255 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20150526 |
| Creation Date: | 11/5/2015 22:15:08 |
| Receipt Date: | 20150601 |
| Manifest ID: | 004926063SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.084 |
| Waste Quantity: | 20 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150304 |
| Creation Date: | 7/23/2015 22:15:32 |
| Receipt Date: | 20150309 |
| Manifest ID: | 004640623SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150304 |
| Creation Date: | 7/23/2015 22:15:32 |
| Receipt Date: | 20150309 |
| Manifest ID: | 004640623SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| | Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.063 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2015 |
| Gen EPA ID: | CAL000340945 |
| Shipment Date: | 20151030 |
| Creation Date: | 5/4/2016 22:15:42 |
| Receipt Date: | 20151104 |
| Manifest ID: | 005058875SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20150930 |
| Creation Date: | 12/22/2015 22:15:07 |
| Receipt Date: | 20151020 |
| Manifest ID: | 005034080SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERV INC |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150930 |
| Creation Date: | 12/22/2015 22:15:07 |
| Receipt Date: | 20151020 |
| Manifest ID: | 005034080SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERV INC |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150914 |
| Creation Date: | 11/4/2015 22:15:42 |
| Receipt Date: | 20150924 |
| Manifest ID: | 004828165SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.3761 |
| Waste Quantity: | 330 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Shipment Date: | 20150811 |
| Creation Date: | 2/4/2016 22:15:54 |
| Receipt Date: | 20150817 |
| Manifest ID: | 004828370SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.063 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20150811 |
| Creation Date: | 2/4/2016 22:15:54 |
| Receipt Date: | 20150817 |
| Manifest ID: | 004828400SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0417 |
| Waste Quantity: | 10 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20150526 |
| Creation Date: | 11/5/2015 22:15:08 |
| Receipt Date: | 20150601 |
| Manifest ID: | 004926063SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.06255 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150526 |
| Creation Date: | 11/5/2015 22:15:08 |
| Receipt Date: | 20150601 |
| Manifest ID: | 004926063SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.084 |
| Waste Quantity: | 20 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150304 |
| Creation Date: | 7/23/2015 22:15:32 |
| Receipt Date: | 20150309 |
| Manifest ID: | 004640623SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.063 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150304 |
| Creation Date: | 7/23/2015 22:15:32 |
| Receipt Date: | 20150309 |
| Manifest ID: | 004640623SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2014 |
| Gen EPA ID: | CAL000340945 |
| | |
| Shipment Date: | 20141215 |
| Creation Date: | 5/7/2015 22:15:07 |
| Receipt Date: | 20141218 |
| Manifest ID: | 004600690SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0417 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Waste Quantity: | 10 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20141215 |
| Creation Date: | 5/7/2015 22:15:07 |
| Receipt Date: | 20141218 |
| Manifest ID: | 004600690SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.084 |
| Waste Quantity: | 20 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20141119 |
| Creation Date: | 2/6/2015 22:15:22 |
| Receipt Date: | 20141121 |
| Manifest ID: | 004553780SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.5012 |
| Waste Quantity: | 360 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Shipment Date: | 20140926 |
| Creation Date: | 2/13/2015 22:15:17 |
| Receipt Date: | 20141002 |
| Manifest ID: | 004545850SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20140926 |
| Creation Date: | 2/13/2015 22:15:17 |
| Receipt Date: | 20141002 |
| Manifest ID: | 004545851SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0756 |
| Waste Quantity: | 18 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20140703 |
| Creation Date: | 9/22/2014 22:15:10 |
| Receipt Date: | 20140723 |
| Manifest ID: | 004308186SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | MAD039322250 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Trans 2 Name: | CLEAN HARBORS ENV SERV INC |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140703 |
| Creation Date: | 11/6/2014 22:14:59 |
| Receipt Date: | 20140710 |
| Manifest ID: | 004308185SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.063 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140617 |
| Creation Date: | 9/30/2014 22:15:02 |
| Receipt Date: | 20140617 |
| Manifest ID: | 004282307SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.251 |
| Waste Quantity: | 300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140418 |
| Creation Date: | 9/9/2014 22:15:12 |
| Receipt Date: | 20140424 |
| Manifest ID: | 004300449SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0672 |
| Waste Quantity: | 16 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140418 |
| Creation Date: | 7/11/2014 22:15:15 |
| Receipt Date: | 20140507 |
| Manifest ID: | 004300450SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERV INC |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2013 |
| Gen EPA ID: | CAL000340945 |
| Shipment Date: | 20131024 |
| Creation Date: | 3/7/2014 22:15:07 |
| Receipt Date: | 20131028 |
| Manifest ID: | 003747495SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20131024 |
| Creation Date: | 3/7/2014 22:15:07 |
| Receipt Date: | 20131028 |
| Manifest ID: | 003747495SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.042 |
| Waste Quantity: | 10 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Shipment Date: | 20130730 |
| Creation Date: | 11/27/2013 22:15:18 |
| Receipt Date: | 20130801 |
| Manifest ID: | 003704373SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.084 |
| Waste Quantity: | 20 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20130730 |
| Creation Date: | 11/27/2013 22:15:18 |
| Receipt Date: | 20130801 |
| Manifest ID: | 003704373SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20130508 |
| Creation Date: | 9/17/2013 22:15:12 |
| Receipt Date: | 20130515 |
| Manifest ID: | 003094962SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D039
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.05838
Waste Quantity: 14
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130508
Creation Date: 9/17/2013 22:15:12
Receipt Date: 20130513
Manifest ID: 003094963SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0756
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130222
Creation Date: 7/6/2013 22:15:13
Receipt Date: 20130228
Manifest ID: 003380313SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D039

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130222 |
| Creation Date: | 7/25/2013 9:05:24 |
| Receipt Date: | 20130226 |
| Manifest ID: | 003380314SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0756 |
| Waste Quantity: | 18 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130104 |
| Creation Date: | 5/8/2013 22:15:17 |
| Receipt Date: | 20130110 |
| Manifest ID: | 003559657SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2012 |
| Gen EPA ID: | CAL000340945 |
| Shipment Date: | 20121214 |
| Creation Date: | 4/21/2013 22:15:04 |
| Receipt Date: | 20121220 |
| Manifest ID: | 003455176SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0756 |
| Waste Quantity: | 18 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20121214 |
| Creation Date: | 4/21/2013 22:15:04 |
| Receipt Date: | 20121220 |
| Manifest ID: | 003455176SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Shipment Date: | 20121129 |
| Creation Date: | 2/15/2013 22:15:22 |
| Receipt Date: | 20121204 |
| Manifest ID: | 003203870SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.26 |
| Waste Quantity: | 300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20120926 |
| Creation Date: | 8/17/2013 22:15:07 |
| Receipt Date: | 20121001 |
| Manifest ID: | 003075575SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20120926 |
| Creation Date: | 8/17/2013 22:15:07 |
| Receipt Date: | 20121001 |
| Manifest ID: | 003075575SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS |
| Trans 2 EPA ID: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0672 |
| Waste Quantity: | 16 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120629 |
| Creation Date: | 10/15/2012 22:15:12 |
| Receipt Date: | 20120703 |
| Manifest ID: | 002882329SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.26 |
| Waste Quantity: | 300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120412 |
| Creation Date: | 10/19/2012 22:15:10 |
| Receipt Date: | 20120417 |
| Manifest ID: | 002751909SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120412 |
| Creation Date: | 10/19/2012 22:15:10 |
| Receipt Date: | 20120417 |
| Manifest ID: | 002751909SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.252 |
| Waste Quantity: | 60 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120221 |
| Creation Date: | 4/20/2012 20:30:44 |
| Receipt Date: | 20120222 |
| Manifest ID: | 002882333SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120127 |
| Creation Date: | 6/27/2012 20:30:08 |
| Receipt Date: | 20120131 |
| Manifest ID: | 002778813SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.2352 |
| Waste Quantity: | 56 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2011 |
| Gen EPA ID: | CAL000340945 |
| | |
| Shipment Date: | 20111107 |
| Creation Date: | 4/11/2012 20:30:30 |
| Receipt Date: | 20111110 |
| Manifest ID: | 002915248SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Shipment Date: | 20111107 |
| Creation Date: | 4/11/2012 20:30:30 |
| Receipt Date: | 20111110 |
| Manifest ID: | 002915248SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.2436 |
| Waste Quantity: | 58 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20110902 |
| Creation Date: | 12/9/2011 18:30:13 |
| Receipt Date: | 20110906 |
| Manifest ID: | 003764583FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20110826 |
| Creation Date: | 2/11/2012 20:30:14 |
| Receipt Date: | 20110830 |
| Manifest ID: | 002882097SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.252 |
| Waste Quantity: | 60 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110826 |
| Creation Date: | 2/11/2012 20:30:14 |
| Receipt Date: | 20110830 |
| Manifest ID: | 002882097SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110603 |
| Creation Date: | 10/22/2011 18:30:13 |
| Receipt Date: | 20110607 |
| Manifest ID: | 003607518FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | - Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110603 |
| Creation Date: | 11/12/2011 18:30:22 |
| Receipt Date: | 20110608 |
| Manifest ID: | 003607517FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.2436 |
| Waste Quantity: | 58 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110228 |
| Creation Date: | 7/14/2011 18:30:40 |
| Receipt Date: | 20110304 |
| Manifest ID: | 003591996FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.189 |
| Waste Quantity: | 45 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110228 |
| Creation Date: | 7/5/2011 18:30:12 |
| Receipt Date: | 20110303 |
| Manifest ID: | 003591997FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.05838 |
| Waste Quantity: | 14 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110114 |
| Creation Date: | 3/30/2011 18:30:29 |
| Receipt Date: | 20110120 |
| Manifest ID: | 003714341FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 4.2 |
| Waste Quantity: | 1000 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2010 |
| Gen EPA ID: | CAL000340945 |
| | |
| Shipment Date: | 20101209 |
| Creation Date: | 5/24/2011 18:30:12 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Receipt Date: | 20101214 |
| Manifest ID: | 003679401FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.05004 |
| Waste Quantity: | 12 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20101209 |
| Creation Date: | 5/20/2011 18:30:13 |
| Receipt Date: | 20101215 |
| Manifest ID: | 003679393FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1974 |
| Waste Quantity: | 47 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100820 |
| Creation Date: | 9/23/2011 14:01:50 |
| Receipt Date: | 20100831 |
| Manifest ID: | 003336705FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY NEVADA |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100813 |
| Creation Date: | 9/23/2011 14:01:34 |
| Receipt Date: | 20100818 |
| Manifest ID: | 003336528FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.168 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100720 |
| Creation Date: | 9/23/2011 14:01:16 |
| Receipt Date: | 20100723 |
| Manifest ID: | 002434804SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.084 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Waste Quantity: | 20 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100628 |
| Creation Date: | 9/23/2011 14:00:38 |
| Receipt Date: | 20100702 |
| Manifest ID: | 003320307FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100628 |
| Creation Date: | 9/23/2011 14:00:57 |
| Receipt Date: | 20100701 |
| Manifest ID: | 003320319FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.06255 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Shipment Date: | 20100618 |
| Creation Date: | 9/23/2011 14:00:20 |
| Receipt Date: | 20100619 |
| Manifest ID: | 002281560SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 2.31 |
| Waste Quantity: | 550 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20100324 |
| Creation Date: | 9/23/2011 13:59:58 |
| Receipt Date: | 20100402 |
| Manifest ID: | 002471391SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20100311 |
| Creation Date: | 9/14/2010 10:45:34 |
| Receipt Date: | 20100315 |
| Manifest ID: | 002281559SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.386
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAL000340945

Shipment Date: 20091124
Creation Date: 9/14/2010 10:35:48
Receipt Date: 20091202
Manifest ID: 000289677CEX
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1428
Waste Quantity: 34
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20091124
Creation Date: 9/14/2010 10:37:53
Receipt Date: 20091201
Manifest ID: 000289678CEX
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20091118 |
| Creation Date: | 9/14/2010 10:45:06 |
| Receipt Date: | 20091208 |
| Manifest ID: | 002160518SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY NEVADA |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D008 |
| Meth Code: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 0.2375 |
| Waste Quantity: | 475 |
| Quantity Unit: | P |
| Additional Code 1: | D007 |
| Additional Code 2: | D006 |
| Additional Code 3: | D005 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20091005 |
| Creation Date: | 9/14/2010 10:44:43 |
| Receipt Date: | 20091006 |
| Manifest ID: | 002007828SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090902 |
| Creation Date: | 9/14/2010 10:44:24 |
| Receipt Date: | 20090904 |
| Manifest ID: | 001979960SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.11676 |
| Waste Quantity: | 28 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090902 |
| Creation Date: | 9/14/2010 10:44:06 |
| Receipt Date: | 20090908 |
| Manifest ID: | 001979959SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.168 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Shipment Date: | 20090430 |
| Creation Date: | 9/14/2010 10:43:37 |
| Receipt Date: | 20090506 |
| Manifest ID: | 001908764SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20090429 |
| Creation Date: | 9/14/2010 10:42:47 |
| Receipt Date: | 20090429 |
| Manifest ID: | 001738040SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.47 |
| Waste Quantity: | 350 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20090402 |
| Creation Date: | 9/14/2010 10:42:06 |
| Receipt Date: | 20090408 |
| Manifest ID: | 001673657SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20090402 |
| Creation Date: | 9/14/2010 10:39:23 |
| Receipt Date: | 20090414 |
| Manifest ID: | 001044732SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY NEVADA |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 0.075 |
| Waste Quantity: | 150 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

CERS:

| | |
|---|---|
| Name: | STRATEDGE CORPORATION |
| Address: | 9424 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 435740 |
| CERS ID: | 10377220 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 06-11-2021 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 07/06/2021. Inspection Sequence ID:6473669 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 03-30-2015 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 04/01/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 03-30-2015 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 04/01/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 06-11-2021 |
| Citation: | 22 CCR 23 66273.33.5 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.33.5 |
| Violation Description: | Failure of the universal waste handler of electronic devices, CRTs, and CRT glass to prevent the release of the universal waste to the environment under reasonable conditions by the following methods: 1) Immediately clean spills and leaks of universal wastes; and 2) Place all universal waste spills and leaks in containers that are structurally sound and compatible with the universal waste." |
| Violation Notes: | Returned to compliance on 06/30/2021. Inspection Sequence ID:6473669 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 03-30-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable |

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| | quantities. |
| Violation Notes: | Returned to compliance on 04/01/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 06-11-2021 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 07/02/2021. Inspection Sequence ID:6473669 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 06-11-2021 |
| Citation: | 40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35 |
| Violation Description: | Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes. |
| Violation Notes: | Returned to compliance on 07/06/2021. Inspection Sequence ID:6473669 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 06-11-2021 |
| Citation: | HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 07/06/2021. Inspection Sequence ID:6473669 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 435740 |
| Site Name: | StratEdge Corporation |
| Violation Date: | 07-06-2018 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 07/18/2018. Inspection Sequence ID:6001150 |

**STRATEDGE CORPORATION (Continued)** **S113155444**

Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 435740
Site Name: StratEdge Corporation
Violation Date: 06-11-2021
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 07/07/2021. Inspection Sequence ID:6473669
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6473669
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6001150
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4110299
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6473669
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2018
Violations Found: Yes

**STRATEDGE CORPORATION (Continued)** **S113155444**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6001150
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4110299
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 435740
Facility Name: StratEdge Corporation
Env Int Type Code: HWG
Program ID: 10377220
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.847440
Longitude: -116.964330

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Jerry Carter
Entity Title: Sr. Product Application Engineer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: STRATEDGE CORPORATION
Entity Title: Not reported
Affiliation Address: 9424 ABRAHAM WAY
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (858) 569-5000,

Affiliation Type Desc: Property Owner
Entity Name: Machael Stoff
Entity Title: Not reported
Affiliation Address: 6749 Top Gun Street, Suite 104
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 735-5787,

**STRATEDGE CORPORATION (Continued)** **S113155444**

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | STRATEDGE CORPORATION |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (858) 569-5000, |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9424 Abraham Way |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jerry Carter |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Jerry Carter |
| Entity Title: | Not reported |
| Affiliation Address: | 9424 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | 9424 Abraham Way |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**STRATEDGE CORPORATION (Continued)** **S113155444**

Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: JERAMES TOOL & MFG
Address: 9424 ABRAHAM WAY
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000340945
Inactive Date: 07/21/2017
Create Date: 02/27/2009
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 460 CYPRESS LN STE F
Mailing Address 2: Not reported
Mailing City,State,Zip: EL CAJON, CA 920201647
Owner Name: GARY SANCHEZ
Owner Address: 460 CYPRESS LN STE F
Owner Address 2: Not reported
Owner City,State,Zip: EL CAJON, CA 920201647
Contact Name: LYNN SANCHEZ
Contact Address: 460 CYPRESS LN STE F
Contact Address 2: Not reported
City,State,Zip: EL CAJON, CA 92020
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 32.847352
Longitude: -116.964

NAICS:
EPA ID: CAL000340945
Create Date: 2011-04-05 10:18:11.997
NAICS Code: 336399
NAICS Description: All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date: 2009-02-27 14:01:43.30000
Inactive Date: 2017-07-21 00:00:00
Facility Name: JERAMES TOOL & MFG
Facility Address: 9424 ABRAHAM WAY
Facility Address 2: Not reported
Facility City: SANTEE
Facility County: Not reported
Facility State: CA
Facility Zip: 920715640

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**L73** **STRATEDGE** **RCRA-SQG** **1024877046**
**West** **9424 ABRAHAM WAY** **CAR000285569**
**1/8-1/4** **SANTEE, CA 92071**
**0.195 mi.**
**1027 ft.** **Site 5 of 10 in cluster L**

**Relative:** **Lower**
**Actual:** **353 ft.**

RCRA Listings:
Date Form Received by Agency: 20180713
Handler Name: STRATEDGE
Handler Address: 9424 ABRAHAM WAY
Handler City,State,Zip: SANTEE, CA 92071

**STRATEDGE (Continued)** **1024877046**

| | | |
|---|---|---|
| EPA ID: | | CAR000285569 |
| Contact Name: | | JERRY L CARTER |
| Contact Address: | | ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEESANTEE, CA 92071 |
| Contact Telephone: | | 858-569-5000 100 |
| Contact Fax: | | 858-569-5000 |
| Contact Email: | | J.CARTER@STRATEDGE.COM |
| Contact Title: | | SR. PRODUCT APPLICATION ENGINEER |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEESANTEE, CA 92071 |
| Owner Name: | MACHAEL STOFF | |
| Owner Type: | | Private |
| Operator Name: | STRATEDGE CORPORATION | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |

**STRATEDGE (Continued)** **1024877046**

| | |
|---|---|
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180713 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|---|---|
| Waste Code: | F003 |
| Waste Description: | THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: STRATEDGE CORPORATION | |
| Legal Status: | Private |
| Date Became Current: | 20180107 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9424 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 858-569-5000 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | 858-569-5000 |
| Owner/Operator Email: | T.GOING@STRATEDGE.COM |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: MACHAEL STOFF | |
| Legal Status: | Private |
| Date Became Current: | 19900801 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 6749 TOP GUN STREET, SUITE 104 |
| Owner/Operator City,State,Zip: | SAN DIEGO, CA 92121 |

**STRATEDGE (Continued)** **1024877046**

Owner/Operator Telephone: 858-550-3444
Owner/Operator Telephone Ext: 303
Owner/Operator Fax: 858-550-3440
Owner/Operator Email: MICHAEL@NOVIPROPERTY.COM

Historic Generators:
Receive Date: 20180713
Handler Name: STRATEDGE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**L74** **AYMAR INDUSTRIES, LLC.** **San Diego Co. HMMD** **S106879551**
**West** **9434 ABRAHAM WAY** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **NPDES**
**0.195 mi.** **CIWQS**
**1028 ft.** **Site 6 of 10 in cluster L** **CERS**
**HWTS**

**Relative:**
**Lower**

**Actual:**
**353 ft.**

HMMD SAN DIEGO:
Name: AYMAR INDUSTRIES, LLC.
Address: 9434 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000422384
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-954-9722
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 01/20/2022
Facility Owner: Not reported
Facility Mailing Address: 9434 ABRAHAM WAY, SANTEE, CA 92071
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-203985
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4180668
Return To Compliance Date: 2015-03-26T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-01-20T01:15:36.000
Inspection Date: 2015-02-11T00:00:00.000
Violation Code: 1010002 Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet; HSC 6.95 25508(a)1A

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-203985
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6806227
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-01-20T01:15:36.000
Inspection Date: 2021-11-16T00:00:00.000
Violation Code: HMD0000 HAZARDOUS MATERIALS REQUIREMENTS

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-203985
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5604992
Return To Compliance Date: 2016-12-02T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-01-20T01:15:36.000
Inspection Date: 2016-11-09T17:12:00.000
Violation Code: 1020002 Initial and/or annual employee training not conducted for

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6038934 |
| Return To Compliance Date: | 2018-11-14T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2018-11-06T08:34:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6806227 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2021-11-16T00:00:00.000 |
| Violation Code: | HMD0001 RECORD KEEPING/OPERATIONAL REQUIREMENTS |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 5604992 |
| Return To Compliance Date: | 2016-12-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2016-11-09T17:12:00.000 |
| Violation Code: | 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12 |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6038934 |
| Return To Compliance Date: | 2019-02-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2018-11-06T08:34:00.000 |
| Violation Code: | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6806227 |
| Return To Compliance Date: | 2021-12-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2021-11-16T00:00:00.000 |
| Violation Code: | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4180668 |
| Return To Compliance Date: | 2015-03-26T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2015-02-11T00:00:00.000 |
| Violation Code: | 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5604992 |
| Return To Compliance Date: | 2017-01-23T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2016-11-09T17:12:00.000 |
| Violation Code: | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6806227 |
| Return To Compliance Date: | 2021-12-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2021-11-16T00:00:00.000 |
| Violation Code: | 1010002 HMBP not submitted in CERS within the required timeframe. HSC 25508(a)(1); 27 CCR 15188(a),(b),(d) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6806227 |
| Return To Compliance Date: | 2021-12-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-01-20T01:15:36.000 |
| Inspection Date: | 2021-11-16T00:00:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203985 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6806227 |
| Return To Compliance Date: | Not reported |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-01-20T01:15:36.000
Inspection Date: 2021-11-16T00:00:00.000
Violation Code: HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

Waste and Materials:

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0171863
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-11T02:34:16.000
Chemical Name: Motor Oil
Common Name: Motor Oil
Case Number: Not reported

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0199262
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-11T02:34:16.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0199263
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-11T02:34:16.000
Chemical Name: Propane
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0199264
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-11T02:34:16.000
Chemical Name: Ethylene Glycol
Common Name: Coolant
Case Number: 107-21-1

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254067

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-18T03:32:34.000
Chemical Name: Ethylene Glycol
Common Name: Coolant
Case Number: 107-21-1

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254068
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-11-18T03:32:34.000
Chemical Name: Propane
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0223865
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-11-18T03:32:34.000
Chemical Name: Motor Oil
Common Name: Motor Oil
Case Number: Not reported

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316645
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-20T01:15:36.000
Chemical Name: Ethylene Glycol
Common Name: Coolant
Case Number: 107-21-1

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316646
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-20T01:15:36.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: 70514-12-4

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316647
Trade Secret: N
Hazardous Material Type: Pure

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Last Updated: 2022-01-20T01:15:36.000
Chemical Name: Propane
Common Name: Propane
Case Number: 74-98-6

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316648
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-20T01:15:36.000
Chemical Name: Argon Compressed
Common Name: Argon Compressed
Case Number: 7440-37-1

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283366
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-01-20T01:15:36.000
Chemical Name: Ethylene Glycol
Common Name: Coolant
Case Number: Not reported

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198310
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T01:16:48.000
Chemical Name: ARGON GAS
Common Name: ARGON GAS
Case Number: 7440-37-1

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170875
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T01:16:48.000
Chemical Name: Not reported
Common Name: Motor Oil
Case Number: Not reported

Record ID: DEH2004-HUPFP-203985
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0127868
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-11-28T02:34:08.000
Chemical Name: ARGON GAS

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Common Name: | ARGON GAS |
| Case Number: | 7440-37-1 |
| | |
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HWAST-0106793 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2017-11-28T02:34:08.000 |
| Chemical Name: | Waste oil |
| Common Name: | Waste oil |
| Case Number: | Not reported |
| | |
| Record ID: | DEH2004-HUPFP-203985 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HCHEM-0254066 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2021-11-18T03:32:34.000 |
| Chemical Name: | ARGON GAS |
| Common Name: | ARGON GAS |
| Case Number: | 7440-37-1 |
| | |
| Name: | AYMAR ENGINEERING |
| Address: | 9434 ABRAHAM WY |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 203985 |
| Business Type: | 6HK35 |
| EPA Id Number: | Not reported |
| APN: | 381-640-08-00 |
| Last HMMD Inspection: | 07/26/2011 |
| Facility Telephone: | 619-562-1121 |
| Permit Status: | OPEN |
| Permit Expiration: | 12/31/2012 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | WAYNE AYMAR |
| Facility Mailing Address: | 9434 ABRAHAM WY |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | N |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 203985 |
| Update Date: | 11/02/2012 |
| Case Number: | 7440-37-1 |
| Name: | ARGON GAS |
| Other Information: | Not reported |
| Material Waste: | Material |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 203985
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 203985
Update Date: 11/02/2012
Inspection Date: 09/15/2009
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

Name: AYMAR ENGINEERING
Address: 9434 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 203985
Business Type: 6HK35
EPA Id Number: Not reported
APN: 381-640-08-00
Last HMMD Inspection: 07/26/2011
Facility Telephone: 619-562-1121
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: WAYNE AYMAR
Facility Mailing Address: 9434 ABRAHAM WY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 203985
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Hazardous Categories 2: Not reported

Permit Number: 203985
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 203985
Update Date: 11/02/2012
Inspection Date: 09/15/2009
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

CERS HAZ WASTE:
Name: AYMAR INDUSTRIES, LLC.
Address: 9434 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 96752
CERS ID: 10377085
CERS Description: Hazardous Waste Generator

NPDES:
Name: AYMAR ENGINEERING
Address: 9434 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 9 37NEC005997
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 02/03/2020

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Operator Name: | Aymar Engineering |
| Operator Address: | 9434 Abraham Way |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |
| | |
| Name: | AYMAR ENGINEERING |
| Address: | 9434 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | Not reported |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Returned |
| Status Date: | 11/28/2021 |
| Operator Name: | Aymar Engineering |
| Operator Address: | 9434 Abraham Way |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |
| | |
| Name: | AYMAR ENGINEERING |
| Address: | 9434 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Active |
| NPDES Number: | CAS000001 |
| Region: | 9 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 516981 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 9 37NEC005997 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 02/03/2020 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 9434 Abraham Way |
| Discharge Name: | Aymar Engineering |
| Discharge City: | Santee |
| Discharge State: | California |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Discharge Zip: | 92071 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | AYMAR ENGINEERING |
| Address: | 9434 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Agency: | Aymar Engineering |
| Agency Address: | 9434 Abraham Way, Santee, CA 92071 |
| Place/Project Type: | Industrial - Fabricated Metal Products, NEC |
| SIC/NAICS: | 3499 |
| Region: | 9 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 9 37NEC005997 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 02/03/2020 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 32.84775 |
| Longitude: | -116.96432 |

CERS:

| | |
|---|---|
| Name: | AYMAR INDUSTRIES, LLC. |
| Address: | 9434 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 96752 |
| CERS ID: | 10377085 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 11-06-2018 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Returned to compliance on 02/01/2019. Inspection Sequence ID:6038934 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-16-2021
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/13/2021. Inspection Sequence ID:6806227
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-09-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 12/02/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-16-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/13/2021. Inspection Sequence ID:6806227
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 02-11-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/26/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Violation Date: | 11-09-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 01/23/2017. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 02-11-2015 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 03/26/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 11-06-2018 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 11/14/2018. Inspection Sequence ID:6038934 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 11-09-2016 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 12/02/2016. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 11-16-2021 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 12/13/2021. Inspection Sequence ID:6806227
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4180668
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6038934
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5604992
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5604992
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4180668
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2018

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6038934 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-16-2021 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6806227 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-16-2021 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6806227 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

Coordinates:

| | |
|---|---|
| Site ID: | 96752 |
| Facility Name: | AYMAR INDUSTRIES, LLC. |
| Env Int Type Code: | HWG |
| Program ID: | 10377085 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station., |
| Latitude: | 32.847780 |
| Longitude: | -116.964320 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Andrew Deremer |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Brandon Aymar |
| Entity Title: | Not reported |
| Affiliation Address: | 9434 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Brandon Aymar |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 954-9722, |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Aymar Industries, LLC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9434 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Owner/Operator |
| Entity Name: | Aymar Engineering |
| Entity Title: | Operator |
| Affiliation Address: | 9434 Abraham Way |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Brandon Aymar |
| Entity Title: | Not reported |
| Affiliation Address: | 9434 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | United States |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Affiliation Zip: 92071
Affiliation Phone: (619) 954-9722,

Name: AYMAR INDUSTRIES, LLC.
Address: 9434 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 96752
CERS ID: 878962
CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-06-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 02/01/2019. Inspection Sequence ID:6038934
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-16-2021
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/13/2021. Inspection Sequence ID:6806227
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-09-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 12/02/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-16-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| | hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 12/13/2021. Inspection Sequence ID:6806227 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 02-11-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 03/26/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 11-09-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 01/23/2017. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 02-11-2015 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 03/26/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 96752 |
| Site Name: | AYMAR INDUSTRIES, LLC. |
| Violation Date: | 11-06-2018 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 11/14/2018. Inspection Sequence ID:6038934 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-09-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/02/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 96752
Site Name: AYMAR INDUSTRIES, LLC.
Violation Date: 11-16-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 12/13/2021. Inspection Sequence ID:6806227
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4180668
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6038934
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5604992
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5604992
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4180668
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6038934
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6806227
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6806227
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 96752
Facility Name: AYMAR INDUSTRIES, LLC.
Env Int Type Code: HWG
Program ID: 10377085
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.847780
Longitude: -116.964320

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Andrew Deremer |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Brandon Aymar |
| Entity Title: | Not reported |
| Affiliation Address: | 9434 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Brandon Aymar |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 954-9722, |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Aymar Industries, LLC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9434 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Owner/Operator
Entity Name: Aymar Engineering
Entity Title: Operator
Affiliation Address: 9434 Abraham Way
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Brandon Aymar
Entity Title: Not reported
Affiliation Address: 9434 ABRAHAM WAY
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 954-9722,

HWTS:
Name: AYMAR ENGINEERING
Address: 9434 ABRAHAM WAY
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000422384
Inactive Date: Not reported
Create Date: 11/18/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 9434 ABRAHAM WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTEE, CA 92071
Owner Name: AYMAR ENGINEERING
Owner Address: 9434 ABRAHAM WAY
Owner Address 2: Not reported
Owner City,State,Zip: SANTEE, CA 92071
Contact Name: BRANDON AYMAR
Contact Address: 9434 ABRAHAM WAY
Contact Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 32.847786
Longitude: -116.964324

NAICS:
EPA ID: CAL000422384
Create Date: 2016-11-18 09:15:26.497
NAICS Code: 336399
NAICS Description: All Other Motor Vehicle Parts Manufacturing

**AYMAR INDUSTRIES, LLC. (Continued)** **S106879551**

| | |
|---|---|
| Issued EPA ID Date: | 2016-11-18 09:15:26.46700 |
| Inactive Date: | Not reported |
| Facility Name: | AYMAR ENGINEERING |
| Facility Address: | 9434 ABRAHAM WAY |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 92071 |

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**L75** **AYMAR ENGINEERING** **RCRA NonGen / NLR** **1025870218**
**West** **9434 ABRAHAM WAY** **CAL000422384**
**1/8-1/4** **SANTEE, CA 92071**
**0.195 mi.**
**1028 ft.** **Site 7 of 10 in cluster L**

**Relative:** **Lower**

**Actual:** **353 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20161118 |
| Handler Name: | AYMAR ENGINEERING | |
| Handler Address: | | 9434 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000422384 |
| Contact Name: | | BRANDON AYMAR |
| Contact Address: | | 9434 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-1121 |
| Contact Fax: | | 619-562-1171 |
| Contact Email: | | BRANDON@AYMARENGINEERING.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9434 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | AYMAR ENGINEERING | |
| Owner Type: | | Other |
| Operator Name: | BRANDON AYMAR | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | Yes |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |

**AYMAR ENGINEERING (Continued)** **1025870218**

| | |
|---|---|
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20190628 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: BRANDON AYMAR | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9434 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-1121 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**AYMAR ENGINEERING (Continued)** **1025870218**

Owner/Operator Indicator: Owner
Owner/Operator Name: AYMAR ENGINEERING
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9434 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-562-1121
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20161118
Handler Name: AYMAR ENGINEERING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**O76** **CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES** **RCRA NonGen / NLR** **1024829851**
**WSW** **9366 ABRAHAM WAY** **CAL000363925**
**1/8-1/4** **SANTEE, CA 92071**
**0.197 mi.**
**1040 ft.** **Site 1 of 7 in cluster O**

**Relative:**
**Lower**

**Actual:**
**355 ft.**

RCRA Listings:
Date Form Received by Agency: 20110524
Handler Name: CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES
Handler Address: 9366 ABRAHAM WAY
Handler City,State,Zip: SANTEE, CA 92071-2861
EPA ID: CAL000363925
Contact Name: VIRGINIA JAGGI
Contact Address: 9366 ABRAHAM WAY
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-504-3805
Contact Fax: 619-562-5218
Contact Email: VIRGINIAJ@CALCRAFTEDMARBLE.COM
Contact Title: Not reported

**CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES (Continued)** **1024829851**

| | | |
|---|---|---|
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10848 WHEATLANDS AVE |
| Mailing City,State,Zip: | | SANTEE, CA 92071-2855 |
| Owner Name: | CALIFORNIA CRAFTED MARBLE | |
| Owner Type: | | Other |
| Operator Name: | VIRGINIA JAGGI | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |

**CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES (Continued)** **1024829851**

| | |
|---|---|
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: VIRGINIA JAGGI | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9366 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-504-3805 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CALIFORNIA CRAFTED MARBLE | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10848 WHEATLANDS AVE |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2855 |
| Owner/Operator Telephone: | 619-562-2605 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20110524 |
| Handler Name: | CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 11331 |

**CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES (Continued)** **1024829851**

NAICS Description: LOGGING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**O77** **CALIFORNIA CRAFTED MARBLE** **RCRA NonGen / NLR** **1027081555**
**WSW** **9366 ABRAHAM WAY** **CAC003153628**
**1/8-1/4** **SANTEE, CA 92071**
**0.197 mi.**
**1040 ft.** **Site 2 of 7 in cluster O**

**Relative:** **Lower**

**Actual:** **355 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20220321 |
| Handler Name: | CALIFORNIA CRAFTED MARBLE | |
| Handler Address: | | 9366 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003167212 |
| Contact Name: | | JILL COX |
| Contact Address: | | 9366 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-2605 |
| Contact Fax: | | Not reported |
| Contact Email: | | JILL@CALCRAFTEDMARBLE.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9366 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | CODY NOSKO | |
| Owner Type: | | Other |
| Operator Name: | JILL COX | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |

**CALIFORNIA CRAFTED MARBLE (Continued)** **1027081555**

| | |
|---|---|
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20220321 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CODY NOSKO | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9366 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-2605 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |

**CALIFORNIA CRAFTED MARBLE (Continued)** **1027081555**

Owner/Operator Name: JILL COX
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9366 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-562-2605
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220321
Handler Name: CALIFORNIA CRAFTED MARBLE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 327991
NAICS Description: CUT STONE AND STONE PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Date Form Received by Agency: 20211220
Handler Name: CALIFORNIA CRAFTED MARBLE
Handler Address: 9366 ABRAHAM WAY
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAC003153628
Contact Name: VIRGINIA JAGGI
Contact Address: 9366 ABRAHAM WAY
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-504-3805
Contact Fax: Not reported
Contact Email: VIRGINIAJ@CALCRAFTEDMARBLE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

**CALIFORNIA CRAFTED MARBLE (Continued)** **1027081555**

| | | |
|---|---|---|
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9366 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | CODY NOSKO | |
| Owner Type: | | Other |
| Operator Name: | VIRGINIA JAGGI | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20211221 |
| Recognized Trader-Importer: | | No |

**CALIFORNIA CRAFTED MARBLE (Continued)** **1027081555**

| | |
|---|---|
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: VIRGINIA JAGGI | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9366 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-504-3805 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CODY NOSKO | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9366 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-2605 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20211220 |
| Handler Name: | CALIFORNIA CRAFTED MARBLE |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 56299 |
| NAICS Description: | ALL OTHER WASTE MANAGEMENT SERVICES |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

**CALIFORNIA CRAFTED MARBLE (Continued)** **1027081555**

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**O78** **SAN DIEGO DESIGN INC** **RCRA-SQG** **1000110665**
**WSW** **9366 ABRAHAM WY** **San Diego Co. HMMD** **CAD981384993**
**1/8-1/4** **SANTEE, CA 92071** **FINDS**
**0.197 mi.**
**1040 ft.** **Site 3 of 7 in cluster O**

**Relative:** **Lower**
**Actual:** **355 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19960901 |
| Handler Name: | SAN DIEGO DESIGN INC | |
| Handler Address: | | 9366 ABRAHAM WY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD981384993 |
| Contact Name: | | Not reported |
| Contact Address: | | Not reported |
| Contact City,State,Zip: | | Not reported |
| Contact Telephone: | | Not reported |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 9366 ABRAHAM WY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | Not reported | |
| Owner Type: | | Not reported |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |

**SAN DIEGO DESIGN INC (Continued)** **1000110665**

| | |
|---|---|
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20020627 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ANDREW KARSH | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |

**SAN DIEGO DESIGN INC (Continued)** **1000110665**

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: SAN DIEGO DESIGN INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860210
Handler Name: SAN DIEGO DESIGN INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 337122
NAICS Description: NONUPHOLSTERED WOOD HOUSEHOLD FURNITURE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HMMD SAN DIEGO:
Name: CAL CUSTOM MFG
Address: 9366 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 106609
Business Type: 6HK77
EPA Id Number: CAL000215117
APN: 381-640-34-00
Last HMMD Inspection: 05/03/2001
Facility Telephone: 619-562-2605
Permit Status: CHNG

**SAN DIEGO DESIGN INC (Continued)** **1000110665**

| | |
|---|---|
| Permit Expiration: | 10/31/2003 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | BILL HANVEY |
| Facility Mailing Address: | 9366 ABRAHAM WY |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-2861 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

FINDS:
Registry ID: 110001170893

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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**M79** **ASHLYNN MARKETING GROUP** **RCRA NonGen / NLR** **1026046113**
**SW** **10870 HARTLEY RD #B** **CAC003052571**
**1/8-1/4** **SANTEE, CA 92071**
**0.198 mi.**
**1044 ft.** **Site 2 of 4 in cluster M**

**Relative:** RCRA Listings:
**Higher**

| | | |
|---|---|---|
| **Actual:** Date Form Received by Agency: | | 20200123 |
| **358 ft.** Handler Name: | ASHLYNN MARKETING GROUP | |
| Handler Address: | | 10870 HARTLEY RD #B |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003052571 |
| Contact Name: | | MICHAEL LENZNER |
| Contact Address: | | 10870 HARTLEY RD #B |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 760-458-1369 |
| Contact Fax: | | Not reported |
| Contact Email: | | MIKE@LIFESOLUTIONSNP.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |

**ASHLYNN MARKETING GROUP (Continued)** **1026046113**

| | | |
|---|---|---|
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10870 HARTLEY RD #B |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | WES SALIMAN | |
| Owner Type: | | Other |
| Operator Name: | MICHAEL LENZNER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |

**ASHLYNN MARKETING GROUP (Continued)** **1026046113**

| | |
|---|---|
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200210 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: WES SALIMAN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10870 HARTLEY RD #B |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-596-9600 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: MICHAEL LENZNER | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10870 HARTLEY RD #B |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 760-458-1369 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20200123 |
| Handler Name: ASHLYNN MARKETING GROUP | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 334516 |
| NAICS Description: | ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING |

Facility Has Received Notices of Violations:

**ASHLYNN MARKETING GROUP (Continued)** **1026046113**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**M80** **ASHLYNN MARKETING GROUP** **RCRA NonGen / NLR** **1026806083**
**SW** **10870 HARTLEY RD** **CAC003118281**
**1/8-1/4** **SANTEE, CA 92071**
**0.198 mi.**
**1044 ft.** **Site 3 of 4 in cluster M**

**Relative:** **Higher**
**Actual:** **358 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20210505 |
| Handler Name: | ASHLYNN MARKETING GROUP | |
| Handler Address: | | 10870 HARTLEY RD |
| Handler City,State,Zip: | | SANTEE, CA 92071-5638 |
| EPA ID: | | CAC003118281 |
| Contact Name: | | WES SALIMAN |
| Contact Address: | | 10870 HARTLEY RD |
| Contact City,State,Zip: | | SANTEE, CA 92071-5638 |
| Contact Telephone: | | 619-504-2270 |
| Contact Fax: | | Not reported |
| Contact Email: | | SALIMAN@COX.NET |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10870 HARTLEY RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071-5638 |
| Owner Name: | WES SALIMAN | |
| Owner Type: | | Other |
| Operator Name: | WES SALIMAN | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |

**ASHLYNN MARKETING GROUP (Continued)** **1026806083**

| | |
|---|---|
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210514 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: WES SALIMAN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10870 HARTLEY RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-5638 |
| Owner/Operator Telephone: | 619-504-2270 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: WES SALIMAN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |

**ASHLYNN MARKETING GROUP (Continued)** **1026806083**

| | |
|---|---|
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10870 HARTLEY RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-5638 |
| Owner/Operator Telephone: | 619-504-2270 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20210505 |
| Handler Name: | ASHLYNN MARKETING GROUP |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 56299 |
| NAICS Description: | ALL OTHER WASTE MANAGEMENT SERVICES |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

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**M81** **ASHLYNN MARKETING GROUP** **RCRA NonGen / NLR** **1025857908**
**SW** **10870 HARTLEY RD STE B** **CAC003038393**
**1/8-1/4** **SANTEE, CA 92071**
**0.198 mi.**
**1044 ft.** **Site 4 of 4 in cluster M**

**Relative:** **Higher**
**Actual:** **358 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20191011 |
| Handler Name: | ASHLYNN MARKETING GROUP |
| Handler Address: | 10870 HARTLEY RD STE B |
| Handler City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAC003038393 |
| Contact Name: | WES SALIMAN |
| Contact Address: | 10870 HARTLEY RD STE B |
| Contact City,State,Zip: | SANTEE, CA 92071 |
| Contact Telephone: | 619-504-2270 |
| Contact Fax: | Not reported |
| Contact Email: | JORDAN.JENSEN@PEGEX.COM |
| Contact Title: | Not reported |
| EPA Region: | 09 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Not a generator, verified |
| Non-Notifier: | Not reported |

**ASHLYNN MARKETING GROUP (Continued)** **1025857908**

| | | |
|---|---|---|
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10870 HARTLEY RD STE B |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | WES SALIMAN | |
| Owner Type: | | Other |
| Operator Name: | WES SALIMAN | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |

**ASHLYNN MARKETING GROUP (Continued)** **1025857908**

| | |
|---|---|
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20191011 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: WES SALIMAN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10870 HARTLEY RD STE B |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-504-2270 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: WES SALIMAN | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10870 HARTLEY RD STE B |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-504-2270 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20191011 |
| Handler Name: ASHLYNN MARKETING GROUP | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 561312 |
| NAICS Description: | EXECUTIVE SEARCH SERVICES |

Facility Has Received Notices of Violations:

**ASHLYNN MARKETING GROUP (Continued)** **1025857908**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**O82** **ACCURATE AIR ENGINEERING INC** **RCRA NonGen / NLR** **1024828097**
**WSW** **9356 ABRAHAM WAY** **CAL000359247**
**1/8-1/4** **SANTEE, CA 92071**
**0.205 mi.**
**1085 ft.** **Site 4 of 7 in cluster O**

**Relative:** **Higher**
**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20101214 |
| Handler Name: | ACCURATE AIR ENGINEERING INC | |
| Handler Address: | | 9356 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071-0000 |
| EPA ID: | | CAL000359247 |
| Contact Name: | | STEFAN SARDA |
| Contact Address: | | 9356 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-401-8270 |
| Contact Fax: | | 619-447-2139 |
| Contact Email: | | SSARDA@ACCURATEAIR.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9356 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071-0000 |
| Owner Name: | ACCURATE AIR ENGINEERING INC | |
| Owner Type: | | Other |
| Operator Name: | STEFAN SARDA | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |

**ACCURATE AIR ENGINEERING INC (Continued)** **1024828097**

| | |
|---|---|
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: STEFAN SARDA | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9356 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-401-8270 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ACCURATE AIR ENGINEERING INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |

**ACCURATE AIR ENGINEERING INC (Continued)** **1024828097**

| | |
|---|---|
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9356 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-0000 |
| Owner/Operator Telephone: | 619-401-8270 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20101214 |
| Handler Name: | ACCURATE AIR ENGINEERING INC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 42183 |
| NAICS Description: | INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

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**O83** **JERAMES TOOL AND MFG** **RCRA-SQG** **1000149680**
**WSW** **9356 ABRAHAM WAY** **San Diego Co. HMMD** **CAD020203139**
**1/8-1/4** **SANTEE, CA 92071** **FINDS**
**0.205 mi.** **ECHO**
**1085 ft.** **Site 5 of 7 in cluster O**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20031117 |
| Handler Name: | JERAMES TOOL AND MFG | |
| Handler Address: | | 9356 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAD020203139 |
| Contact Name: | | RANDY L ANSTAETT |
| Contact Address: | | 9356 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-448-1220 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |

**JERAMES TOOL AND MFG (Continued)** **1000149680**

| | | |
|---|---|---|
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | CA |
| State District: | | 4 |
| Mailing Address: | | 9356 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | RAILTON PRODUCTS INC | |
| Owner Type: | | Private |
| Operator Name: | NOT REQUIRED | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | NN |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |

**JERAMES TOOL AND MFG (Continued)** **1000149680**

| | |
|---|---|
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20040205 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|---|---|
| Waste Code: | D002 |
| Waste Description: | CORROSIVE WASTE |
| Waste Code: | D039 |
| Waste Description: | TETRACHLOROETHYLENE |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NOT REQUIRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | NOT REQUIRED |
| Owner/Operator City,State,Zip: | NOT REQUIRED, ME 99999 |
| Owner/Operator Telephone: | 415-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: ROBERT HUBBLE | |
| Legal Status: | Private |
| Date Became Current: | 20031008 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | Not reported |
| Owner/Operator City,State,Zip: | Not reported |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| Owner/Operator Indicator: | Owner |

**JERAMES TOOL AND MFG (Continued)** **1000149680**

Owner/Operator Name: RAILTON PRODUCTS INC
Legal Status: Private
Date Became Current: 20031008
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JERAMES INDUS INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: JERAMES TOOL & MFG
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860113
Handler Name: JERAMES TOOL & MFG
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20031117
Handler Name: JERAMES TOOL AND MFG
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

**JERAMES TOOL AND MFG (Continued)** **1000149680**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333319
NAICS Description: OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

NAICS Code: 333515
NAICS Description: CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HMMD SAN DIEGO:
Name: JERAMES TOOL & MANUFACTURING
Address: 9356 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 202848
Business Type: 6HK35
EPA Id Number: CAD020203139
APN: 381-640-04-00
Last HMMD Inspection: 11/29/2007
Facility Telephone: 619-448-1220
Permit Status: INAC
Permit Expiration: 04/30/2009
Date Last Updated: 11/02/2012
Facility Owner: JERAMES INDUSTRIES INC/RAILTON PRODUCTS
Facility Mailing Address: 9356 ABRAHAM WY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 202848
Update Date: 11/02/2012
Inspection Date: 05/02/2006
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity: Inactive Permit

**JERAMES TOOL AND MFG (Continued)** **1000149680**

| | |
|---|---|
| Name: | JERAMES TOOL & MANUFACTURING |
| Address: | 9356 ABRAHAM WY |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 108338 |
| Business Type: | 6HK35 |
| EPA Id Number: | CAD020203139 |
| APN: | 381-640-04-00 |
| Last HMMD Inspection: | 09/30/2003 |
| Facility Telephone: | 619-448-1220 |
| Permit Status: | CHNG |
| Permit Expiration: | 02/28/2005 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | JERAMES INDUSTRIES |
| Facility Mailing Address: | 9356 ABRAHAM WY |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-2861 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

| | |
|---|---|
| Name: | JERAMES TOOL & MANUFACTURING |
| Address: | 9356 ABRAHAM WY |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 202848 |
| Business Type: | 6HK35 |
| EPA Id Number: | CAD020203139 |
| APN: | 381-640-04-00 |
| Last HMMD Inspection: | 11/29/2007 |
| Facility Telephone: | 619-448-1220 |
| Permit Status: | INAC |
| Permit Expiration: | 04/30/2009 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | JERAMES INDUSTRIES INC/RAILTON PRODUCTS |
| Facility Mailing Address: | 9356 ABRAHAM WY |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Violations Inactive Permits:

| | |
|---|---|
| Permit Number: | 202848 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 05/02/2006 |
| Violation Code: | 6HV0138 |
| Violation: | NO TSDF SIGNED MANIFEST ONSITE |
| Violation Citation: | Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR |

**JERAMES TOOL AND MFG (Continued)** **1000149680**

66262.40(a)
Activity: Inactive Permit

Name: JERAMES TOOL & MANUFACTURING
Address: 9356 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 108338
Business Type: 6HK35
EPA Id Number: CAD020203139
APN: 381-640-04-00
Last HMMD Inspection: 09/30/2003
Facility Telephone: 619-448-1220
Permit Status: CHNG
Permit Expiration: 02/28/2005
Date Last Updated: 11/02/2012
Facility Owner: JERAMES INDUSTRIES
Facility Mailing Address: 9356 ABRAHAM WY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-2861
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

FINDS:
Registry ID: 110002638799

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000149680
Registry ID: 110002638799
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002638799
Name: JERAMES TOOL AND MFG
Address: 9356 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071

**O84** **JERAMES TOOL & MFG** **San Diego Co. HMMD** **S113000012**
**WSW** **9356 ABRAHAM WAY** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **HAZNET**
**0.205 mi.** **CERS**
**1085 ft.** **Site 6 of 7 in cluster O** **HWTS**

**Relative: Higher**

**Actual: 356 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | STREET TRENZ INC |
| Address: | 9356 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071-2861 |
| Permit Number: | Not reported |
| Business Type: | Not reported |
| EPA Id Number: | CAL000464248 |
| APN: | Not reported |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 6198885694 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 10/22/2021 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 9356 Abraham Way, Santee, CA 92071 |
| Facility Mailing City: | Not reported |
| Facility Mailing State: | Not reported |
| Facility Mailing Zip: | Not reported |
| UST Owner: | N |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | N |
| Generate Medical Waste: | Not reported |

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-06-09T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-03-24T00:00:00.000 |
| Nov: | No |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d) |
| | |
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-06-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4) |
| | |
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6028852 |
| Return To Compliance Date: | 2018-11-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2018-10-23T07:43:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |
| | |
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-06-09T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR 66262.12 |
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-06-07T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-05-31T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905 |
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6028852 |
| Return To Compliance Date: | 2018-11-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2018-10-23T07:43:00.000 |
| Violation Code: | 3030017 Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173 |
| Record ID: | DEH2017-HUPFP-003420 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6028852 |
| Return To Compliance Date: | 2018-11-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2018-10-23T07:43:00.000 |
| Violation Code: | HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6028852 |
| Return To Compliance Date: | 2018-11-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2018-10-23T07:43:00.000 |
| Violation Code: | 3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-05-31T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-06-09T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-03-24T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 1010010 Emergency response procedures to mitigate a release or threatened release not adequate, not established or not submitted in CERS. HSC 25505(a)(3) and 25508(a)(1)(A) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6798387 |
| Return To Compliance Date: | 2021-09-28T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2021-08-25T00:00:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-03-24T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 1010001 HMBP not established/ implemented. HSC 25505(a) and 25507(a) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | HMD0001 RECORD KEEPING/OPERATIONAL REQUIREMENTS |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6028852 |
| Return To Compliance Date: | 2018-11-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2018-10-23T07:43:00.000 |
| Violation Code: | 3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f) |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-06-07T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | HMD0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f) |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-003420 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Initial Inspection |
| Inspection Number: | 5667133 |
| Return To Compliance Date: | 2017-06-09T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2021-10-22T01:30:59.000 |
| Inspection Date: | 2016-10-26T08:38:00.000 |
| Violation Code: | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2 |

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2021-HWAST-0274661 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-10-22T01:30:59.000 |
| Chemical Name: | Lubricating oils, used |
| Common Name: | Used lubricating oils |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2017-HUPFP-003420 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HWAST-0123193 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2019-04-19T19:04:46.000 |
| Chemical Name: | Not reported |
| Common Name: | waste oil |
| Case Number: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

Record ID: DEH2017-HUPFP-003420
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0123194
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-19T19:04:46.000
Chemical Name: Not reported
Common Name: parts washer
Case Number: Not reported

Record ID: DEH2017-HUPFP-003420
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0144442
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-19T19:04:46.000
Chemical Name: Not reported
Common Name: Compressor oil
Case Number: Not reported

Record ID: DEH2017-HUPFP-003420
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0307297
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-22T01:30:59.000
Chemical Name: Brake flush
Common Name: Brake flush
Case Number: Not reported

CERS HAZ WASTE:
Name: STREET TRENZ INC
Address: 9356 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 410592
CERS ID: 10711270
CERS Description: Hazardous Waste Generator

HAZNET:
Name: JERAMES TOOL & MFG
Address: 9356 ABRAHAM WAY
Address 2: Not reported
City,State,Zip: SANTEE, CA 920710000
Contact: RANDY ANSTAETT/SAFETY COOR
Telephone: 6194481220
Mailing Name: Not reported
Mailing Address: 9356 ABRAHAM WAY

Year: 2013
Gepaid: CAD020203139
TSD EPA ID: CAT080013352
CA Waste Code: 135 - Unspecified aqueous solution

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 1.218 |
| Year: | 2008 |
| Gepaid: | CAD020203139 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 135 - Unspecified aqueous solution |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 5.775 |
| Year: | 2008 |
| Gepaid: | CAD020203139 |
| TSD EPA ID: | NVT330010000 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 0.05 |
| Year: | 2008 |
| Gepaid: | CAD020203139 |
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.5004 |
| Year: | 2007 |
| Gepaid: | CAD020203139 |
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.49206 |
| Year: | 2007 |
| Gepaid: | CAD020203139 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 135 - Unspecified aqueous solution |
| Disposal Method: | H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment) |
| Tons: | 3.78 |
| Year: | 2007 |
| Gepaid: | CAD020203139 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 135 - Unspecified aqueous solution |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 2.625 |
| Year: | 2007 |
| Gepaid: | CAD020203139 |
| TSD EPA ID: | NVT330010000 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As |

**JERAMES TOOL & MFG (Continued)** **S113000012**

Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4

Year: 2006
Gepaid: CAD020203139
TSD EPA ID: TXD077603371
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.35

Year: 2006
Gepaid: CAD020203139
TSD EPA ID: CAT080013352
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.945

Click this hyperlink while viewing on your computer to access
73 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2013
Gen EPA ID: CAD020203139

Shipment Date: 20130722
Creation Date: 9/22/2013 22:15:19
Receipt Date: 20130729
Manifest ID: 002281561SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.218
Waste Quantity: 290
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAD020203139

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Shipment Date: | 20081120 |
| Creation Date: | 4/8/2009 18:30:08 |
| Receipt Date: | 20081124 |
| Manifest ID: | 001477896SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20080919 |
| Creation Date: | 11/3/2008 18:30:25 |
| Receipt Date: | 20080922 |
| Manifest ID: | 001286302SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.68 |
| Waste Quantity: | 400 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20080904 |
| Creation Date: | 10/21/2008 18:30:24 |
| Receipt Date: | 20080905 |
| Manifest ID: | 001273939SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.68 |
| Waste Quantity: | 400 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080829 |
| Creation Date: | 1/7/2009 18:30:08 |
| Receipt Date: | 20080903 |
| Manifest ID: | 001398565SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080604 |
| Creation Date: | 10/13/2008 18:30:40 |
| Receipt Date: | 20080609 |
| Manifest ID: | 001150050SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080602 |
| Creation Date: | 8/8/2008 18:30:16 |
| Receipt Date: | 20080604 |
| Manifest ID: | 001044207SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.05 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080410 |
| Creation Date: | 9/12/2008 18:30:16 |
| Receipt Date: | 20080424 |
| Manifest ID: | 000669617SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY NEVADA |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080303 |
| Creation Date: | 8/6/2008 18:30:08 |
| Receipt Date: | 20080306 |
| Manifest ID: | 000918545SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080206 |
| Creation Date: | 4/3/2008 18:30:19 |
| Receipt Date: | 20080207 |
| Manifest ID: | 000722666SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.365 |
| Waste Quantity: | 325 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2007 |
| Gen EPA ID: | CAD020203139 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Shipment Date: | 20071213 |
| Creation Date: | 4/22/2008 18:30:43 |
| Receipt Date: | 20071217 |
| Manifest ID: | 000943327SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20071009 |
| Creation Date: | 1/8/2008 18:30:57 |
| Receipt Date: | 20071010 |
| Manifest ID: | 000591641SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO/KERDOON 050122 |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.365 |
| Waste Quantity: | 325 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20070924 |
| Creation Date: | 3/4/2008 18:31:02 |
| Receipt Date: | 20070927 |
| Manifest ID: | 000792242SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070716 |
| Creation Date: | 11/5/2007 18:30:43 |
| Receipt Date: | 20070718 |
| Manifest ID: | 000286229SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.26 |
| Waste Quantity: | 300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070416 |
| Creation Date: | 8/29/2007 18:30:21 |
| Receipt Date: | 20070417 |
| Manifest ID: | 000207265SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Meth Code: | H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment) |
| Quantity Tons: | 0.945 |
| Waste Quantity: | 225 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070413 |
| Creation Date: | 8/23/2007 18:30:14 |
| Receipt Date: | 20070418 |
| Manifest ID: | 000480653SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.11676 |
| Waste Quantity: | 28 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070413 |
| Creation Date: | 12/10/2007 18:30:41 |
| Receipt Date: | 20070426 |
| Manifest ID: | 000170353SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY NEVADA |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070220 |
| Creation Date: | 8/19/2007 18:30:21 |
| Receipt Date: | 20070221 |
| Manifest ID: | 000170437SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO/KERDOON 050122 |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment) |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070125 |
| Creation Date: | 8/8/2007 18:30:07 |
| Receipt Date: | 20070206 |
| Manifest ID: | 000348701SKS |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070105 |
| Creation Date: | 4/19/2007 18:32:27 |
| Receipt Date: | 20070105 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Manifest ID: | 000315809CEX |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment) |
| Quantity Tons: | 1.68 |
| Waste Quantity: | 400 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2006 |
| Gen EPA ID: | CAD020203139 |
| Shipment Date: | 20061103 |
| Creation Date: | 7/6/2007 18:30:05 |
| Receipt Date: | 20061114 |
| Manifest ID: | 001583266JJK |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.35 |
| Waste Quantity: | 700 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20061103 |
| Creation Date: | 3/30/2007 13:32:48 |
| Receipt Date: | 20061120 |
| Manifest ID: | 000953107JJK |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC 708805 |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20061030 |
| Creation Date: | 3/30/2007 13:32:34 |
| Receipt Date: | 20061031 |
| Manifest ID: | 000800790JJK |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment) |
| Quantity Tons: | 0.945 |
| Waste Quantity: | 225 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060815 |
| Creation Date: | 10/5/2006 18:32:01 |
| Receipt Date: | 20060816 |
| Manifest ID: | 25016674 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.344 |
| Waste Quantity: | 320 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060809 |
| Creation Date: | 9/22/2006 18:34:00 |
| Receipt Date: | 20060815 |
| Manifest ID: | 24726685 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060626 |
| Creation Date: | 9/13/2006 18:30:50 |
| Receipt Date: | 20060626 |
| Manifest ID: | 24629197 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.596 |
| Waste Quantity: | 380 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060602 |
| Creation Date: | 8/25/2006 18:37:36 |
| Receipt Date: | 20060602 |
| Manifest ID: | 24628930 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.05 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060515 |
| Creation Date: | 12/20/2006 18:31:22 |
| Receipt Date: | 20060523 |
| Manifest ID: | 24609748 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060510 |
| Creation Date: | 8/24/2006 18:32:30 |
| Receipt Date: | 20060510 |
| Manifest ID: | 24629793 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.26 |
| Waste Quantity: | 300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20060310 |
| Creation Date: | 12/21/2006 18:30:38 |
| Receipt Date: | 20060318 |
| Manifest ID: | 24771091 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.045 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2005 |
| Gen EPA ID: | CAD020203139 |

| | |
|---|---|
| Shipment Date: | 20051205 |
| Creation Date: | 1/4/2007 18:30:12 |
| Receipt Date: | 20051212 |
| Manifest ID: | 24728145 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

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|---|---|
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.13344 |
| Waste Quantity: | 32 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20051130 |
| Creation Date: | 3/22/2006 18:31:02 |
| Receipt Date: | 20051206 |
| Manifest ID: | 24770667 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20051130 |
| Creation Date: | 3/22/2006 18:31:02 |
| Receipt Date: | 20051206 |
| Manifest ID: | 24770667 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 491 - Unspecified sludge waste |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.25 |
| Waste Quantity: | 500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20051130 |
| Creation Date: | 3/22/2006 18:31:02 |
| Receipt Date: | 20051206 |
| Manifest ID: | 24770667 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.462 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050916 |
| Creation Date: | 6/22/2006 18:31:22 |
| Receipt Date: | 20050923 |
| Manifest ID: | 23678887 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.13344 |
| Waste Quantity: | 32 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050816 |
| Creation Date: | 4/13/2006 18:46:51 |
| Receipt Date: | 20050822 |
| Manifest ID: | 23824679 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20050816 |
| Creation Date: | 4/13/2006 18:46:51 |
| Receipt Date: | 20050822 |
| Manifest ID: | 23824679 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20050627 |
| Creation Date: | 9/16/2005 18:31:41 |
| Receipt Date: | 20050701 |
| Manifest ID: | 24502112 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Quantity Tons: | 0.13344 |
| Waste Quantity: | 32 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050623 |
| Creation Date: | 9/16/2005 18:31:41 |
| Receipt Date: | 20050628 |
| Manifest ID: | 23824524 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.231 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050623 |
| Creation Date: | 9/16/2005 18:31:41 |
| Receipt Date: | 20050628 |
| Manifest ID: | 23824524 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 491 - Unspecified sludge waste |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

Additional Info:

| | |
|---|---|
| Year: | 2004 |
| Gen EPA ID: | CAD020203139 |
| Shipment Date: | 20041025 |
| Creation Date: | 12/31/2004 18:30:54 |
| Receipt Date: | 20041025 |
| Manifest ID: | 23720105 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20041015 |
| Creation Date: | 12/31/2004 18:31:40 |
| Receipt Date: | 20041022 |
| Manifest ID: | 23826693 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | NON |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20041015 |
| Creation Date: | 12/31/2004 18:31:40 |
| Receipt Date: | 20041022 |
| Manifest ID: | 23826693 |
| Trans EPA ID: | CAR000011205 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 491 - Unspecified sludge waste |
| RCRA Code: | NON |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.25 |
| Waste Quantity: | 500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040824 |
| Creation Date: | 1/6/2005 18:32:03 |
| Receipt Date: | 20040825 |
| Manifest ID: | 23826639 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | NON |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040806 |
| Creation Date: | 1/4/2005 18:32:14 |
| Receipt Date: | 20040812 |
| Manifest ID: | 23514841 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20040721 |
| Creation Date: | 1/4/2005 18:32:14 |
| Receipt Date: | 20040724 |
| Manifest ID: | 23826513 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | NON |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.3 |
| Waste Quantity: | 600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20040701 |
| Creation Date: | 1/4/2005 18:32:14 |
| Receipt Date: | 20040709 |
| Manifest ID: | 23826438 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | NON |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Shipment Date: | 20040521 |
| Creation Date: | 10/29/2004 7:40:51 |
| Receipt Date: | 20040527 |
| Manifest ID: | 23507247 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040503 |
| Creation Date: | 10/15/2004 10:47:43 |
| Receipt Date: | 20040506 |
| Manifest ID: | 23415003 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 1.155 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040227 |
| Creation Date: | 8/23/2004 8:16:48 |
| Receipt Date: | 20040305 |
| Manifest ID: | 23471343 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAD020203139 |
| Shipment Date: | 20031210 |
| Creation Date: | 9/10/2004 8:42:02 |
| Receipt Date: | 20031212 |
| Manifest ID: | 22983958 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD097030993 |
| Trans Name: | US FILTER |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | D002 |
| Meth Code: | D99 - Disposal, Other |
| Quantity Tons: | 0.187 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20031208 |
| Creation Date: | 8/30/2004 14:52:16 |
| Receipt Date: | 20031217 |
| Manifest ID: | 22806282 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20031014 |
| Creation Date: | 8/3/2004 15:02:31 |
| Receipt Date: | 20031020 |
| Manifest ID: | 22983821 |
| Trans EPA ID: | CAR000011205 |
| Trans Name: | EFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZR000035915 |
| Trans Name: | DOME ROCK INDUSTRIES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.924 |
| Waste Quantity: | 220 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030915 |
| Creation Date: | 7/13/2004 10:48:19 |
| Receipt Date: | 20030918 |
| Manifest ID: | 22511543 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | SAFETY KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Shipment Date: | 20030814 |
| Creation Date: | 7/13/2004 10:48:19 |
| Receipt Date: | 20030821 |
| Manifest ID: | 23002542 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | NORTH STATE ENVIRONMENTAL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING SERVICES INC |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.175 |
| Waste Quantity: | 350 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030814 |
| Creation Date: | 7/13/2004 10:48:19 |
| Receipt Date: | 20030821 |
| Manifest ID: | 23002542 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | NORTH STATE ENVIRONMENTAL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING SERVICES INC |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030814 |
| Creation Date: | 7/13/2004 10:48:19 |
| Receipt Date: | 20030821 |
| Manifest ID: | 23002542 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | NORTH STATE ENVIRONMENTAL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans Name: | FILTER RECYCLING SERVICES INC |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030623 |
| Creation Date: | 7/22/2004 7:52:06 |
| Receipt Date: | 20030626 |
| Manifest ID: | 22318602 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030619 |
| Creation Date: | 7/23/2004 9:16:48 |
| Receipt Date: | 20030624 |
| Manifest ID: | 22655667 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.209 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030401 |
| Creation Date: | 6/21/2003 18:30:56 |
| Receipt Date: | 20030408 |
| Manifest ID: | 22663538 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.13344 |
| Waste Quantity: | 32 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2002 |
| Gen EPA ID: | CAD020203139 |
| | |
| Shipment Date: | 20021017 |
| Creation Date: | 2/18/2003 18:31:24 |
| Receipt Date: | 20021022 |
| Manifest ID: | 22058862 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.13344 |
| Waste Quantity: | 32 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Shipment Date: | 20021010 |
| Creation Date: | 2/13/2003 18:31:35 |
| Receipt Date: | 20021025 |
| Manifest ID: | 22224075 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.418 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020221 |
| Creation Date: | 7/25/2002 18:31:24 |
| Receipt Date: | 20020305 |
| Manifest ID: | 21704004 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.418 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020117 |
| Creation Date: | 7/2/2002 18:31:06 |
| Receipt Date: | 20020125 |
| Manifest ID: | 21703080 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.209 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020117 |
| Creation Date: | 3/7/2002 0:00:00 |
| Receipt Date: | 20020121 |
| Manifest ID: | 21703081 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD088504881 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD088504881 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D006 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.25 |
| Waste Quantity: | 500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAD020203139 |

| | |
|---|---|
| Shipment Date: | 20011004 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | 20011016 |
| Manifest ID: | 20738104 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.209 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20011004 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | 20011016 |
| Manifest ID: | 20738104 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.0925 |
| Waste Quantity: | 185 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010914 |
| Creation Date: | 12/17/2001 0:00:00 |
| Receipt Date: | 20010917 |
| Manifest ID: | 20851952 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD088504881 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D006 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.2293 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Shipment Date: | 20010712 |
| Creation Date: | 10/3/2001 0:00:00 |
| Receipt Date: | 20010713 |
| Manifest ID: | 20851846 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.231 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010712 |
| Creation Date: | 10/3/2001 0:00:00 |
| Receipt Date: | 20010713 |
| Manifest ID: | 20851846 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.209 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010530 |
| Creation Date: | 7/30/2001 0:00:00 |
| Receipt Date: | 20010601 |
| Manifest ID: | 20644662 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010309 |
| Creation Date: | 5/31/2001 0:00:00 |
| Receipt Date: | 20010313 |
| Manifest ID: | 20373012 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | SCR000074591 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1209 |
| Waste Quantity: | 29 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010309 |
| Creation Date: | 5/16/2001 0:00:00 |
| Receipt Date: | 20010313 |
| Manifest ID: | 20851624 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.115 |
| Waste Quantity: | 230 |
| Quantity Unit: | P |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010309 |
| Creation Date: | 5/16/2001 0:00:00 |
| Receipt Date: | 20010313 |
| Manifest ID: | 20851624 |
| Trans EPA ID: | CAD000603738 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.418 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2000 |
| Gen EPA ID: | CAD020203139 |
| | |
| Shipment Date: | 20001213 |
| Creation Date: | 3/6/2001 0:00:00 |
| Receipt Date: | 20001215 |
| Manifest ID: | 20562640 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | SCR000074591 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1376 |
| Waste Quantity: | 33 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Shipment Date: | 20000919 |
| Creation Date: | 12/8/2000 0:00:00 |
| Receipt Date: | 20000921 |
| Manifest ID: | 99651681 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | SCR000074591 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613976 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc. |
| RCRA Code: | D039 |
| Meth Code: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000914 |
| Creation Date: | 12/8/2000 0:00:00 |
| Receipt Date: | 20000920 |
| Manifest ID: | 20501831 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 123 - Unspecified alkaline solution |
| RCRA Code: | D002 |
| Meth Code: | T01 - Treatment, Tank |
| Quantity Tons: | 0.2293 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000914 |
| Creation Date: | 12/8/2000 0:00:00 |
| Receipt Date: | 20000920 |
| Manifest ID: | 20501831 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 352 - Other organic solids |
| RCRA Code: | D007 |
| Meth Code: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000914 |
| Creation Date: | 12/13/2000 0:00:00 |
| Receipt Date: | 20000925 |
| Manifest ID: | 20501832 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.209 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000914 |
| Creation Date: | 12/8/2000 0:00:00 |
| Receipt Date: | 20000920 |
| Manifest ID: | 20501831 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000410 |
| Creation Date: | 5/30/2000 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 99704342 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZD980892731 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | - Not reported |
| Quantity Tons: | 0.9174 |
| Waste Quantity: | 220 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000410 |
| Creation Date: | 6/7/2000 0:00:00 |
| Receipt Date: | 20000418 |
| Manifest ID: | 99704343 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD097030993 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD097030993 |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc |
| RCRA Code: | D002 |
| Meth Code: | R01 - Recycler |
| Quantity Tons: | 0.2293 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

CERS:
Name: STREET TRENZ INC
Address: 9356 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 410592
CERS ID: 10711270
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 410592
Site Name: STREET TRENZ INC
Violation Date: 10-26-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/31/2017. Inspection Sequence ID:5667133;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 410592
Site Name: STREET TRENZ INC
Violation Date: 10-26-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/24/2017. Inspection Sequence ID:5667133
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 410592
Site Name: STREET TRENZ INC
Violation Date: 10-26-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/07/2017. Inspection Sequence ID:5667133
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 410592
Site Name: STREET TRENZ INC
Violation Date: 10-26-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 06/09/2017. Inspection Sequence ID:5667133 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-23-2018 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 11/01/2018. Inspection Sequence ID:6028852 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple |
| Violation Description: | Business Plan Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 05/31/2017. Inspection Sequence ID:5667133;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 06/13/2017. Inspection Sequence ID:5667133 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Operations/Maintenance - General |
| Violation Notes: | Returned to compliance on 06/07/2017. Inspection Sequence ID:5667133;Violation:HMD0224 Failed to mark date on empty container |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| | larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f) |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 03/24/2017. Inspection Sequence ID:5667133 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Returned to compliance on 06/09/2017. Inspection Sequence ID:5667133 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-23-2018 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 11/01/2018. Inspection Sequence ID:6028852 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d) |
| Violation Description: | Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| | The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. |
| Violation Notes: | Returned to compliance on 06/09/2017. Inspection Sequence ID:5667133 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 03/24/2017. Inspection Sequence ID:5667133 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-23-2018 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Returned to compliance on 11/01/2018. Inspection Sequence ID:6028852 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-23-2018 |
| Citation: | 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173 |
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Returned to compliance on 11/01/2018. Inspection Sequence ID:6028852 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 08-25-2021 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| | 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 09/28/2021. Inspection Sequence ID:6798387 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-26-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | Returned to compliance on 06/09/2017. Inspection Sequence ID:5667133 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 410592 |
| Site Name: | STREET TRENZ INC |
| Violation Date: | 10-23-2018 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 11/01/2018. Inspection Sequence ID:6028852;Violation:HMD0149 Failed to keep disposal receipts for drained used oil filters and/or drained fuel filters for 3 years. HSC 25250.22; 22 CCR 66266.130(c)(5) |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 06-07-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5745872 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2021 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6798387 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |

**JERAMES TOOL & MFG (Continued)** **S113000012**

Eval Date: 10-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5667133
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6028852
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5667133
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6798387
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-07-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5745872
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6028852
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 410592
Facility Name: STREET TRENZ INC
Env Int Type Code: HMBP

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Program ID: | 10711270 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station., |
| Latitude: | 32.846410 |
| Longitude: | -116.964370 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Eric Wahlgren |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 888-5694, |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Eric Wahlgren |
| Entity Title: | Not reported |
| Affiliation Address: | 9356 Abraham Way |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9356 Abraham Way |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Street Trenz Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

**JERAMES TOOL & MFG (Continued)** **S113000012**

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Street Trenz Inc |
| Entity Title: | Not reported |
| Affiliation Address: | 9356 Abraham Way |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 888-5694, |

HWTS:

| | |
|---|---|
| Name: | STREET TRENZ INC |
| Address: | 9356 ABRAHAM WAY |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000464248 |
| Inactive Date: | Not reported |
| Create Date: | 07/23/2021 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9356 ABRAHAM WAY |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 92071 |
| Owner Name: | STREET TRENZ INC |
| Owner Address: | 1664 GROVE RD |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | EL CAJON, CA 92020 |
| Contact Name: | ERIC WAHLGREN |
| Contact Address: | 9356 ABRAHAM WAY |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Active |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.84646899 |
| Longitude: | -116.964367 |

| | |
|---|---|
| Name: | JERAMES TOOL & MFG |
| Address: | 9356 ABRAHAM WAY |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAD020203139 |
| Inactive Date: | 06/30/2008 |
| Create Date: | 04/10/1987 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9356 ABRAHAM WAY |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 920712861 |
| Owner Name: | RAILTON PRODUCTS INC |
| Owner Address: | 2925 E PATRICK LN STE C |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | LAS VEGAS, NV 891202457 |
| Contact Name: | RANDY ANSTAETT/SAFETY COOR |
| Contact Address: | 9424 ABRAHAM WAY |
| Contact Address 2: | Not reported |

**JERAMES TOOL & MFG (Continued)** **S113000012**

City,State,Zip: SANTEE, CA 920710000
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 32.84643
Longitude: -116.96436

NAICS:
EPA ID: CAD020203139
Create Date: 2008-03-20 15:51:28.017
NAICS Code: 336399
NAICS Description: All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: 2008-06-30 00:00:00
Facility Name: JERAMES TOOL & MFG
Facility Address: 9356 ABRAHAM WAY
Facility Address 2: Not reported
Facility City: SANTEE
Facility County: Not reported
Facility State: CA
Facility Zip: 920710000

---

**O85** **STREET TRENZ INC** **RCRA NonGen / NLR** **1026829196**
**WSW** **9356 ABRAHAM WAY** **CAL000464248**
**1/8-1/4** **SANTEE, CA 92071**
**0.205 mi.**
**1085 ft.** **Site 7 of 7 in cluster O**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

RCRA Listings:
Date Form Received by Agency: 20210723
Handler Name: STREET TRENZ INC
Handler Address: 9356 ABRAHAM WAY
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000464248
Contact Name: ERIC WAHLGREN
Contact Address: 9356 ABRAHAM WAY
Contact City,State,Zip: SANTEE, CA 92071
Contact Telephone: 619-956-2728
Contact Fax: 619-956-2729
Contact Email: ERIC@STRENZ.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 9356 ABRAHAM WAY
Mailing City,State,Zip: SANTEE, CA 92071
Owner Name: STREET TRENZ INC
Owner Type: Other
Operator Name: ERIC WAHLGREN
Operator Type: Other
Short-Term Generator Activity: No

**STREET TRENZ INC (Continued)** **1026829196**

| | |
|---|---|
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210812 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

**STREET TRENZ INC (Continued)** **1026829196**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: STREET TRENZ INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1664 GROVE RD
Owner/Operator City,State,Zip: EL CAJON, CA 92020
Owner/Operator Telephone: 619-888-5694
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ERIC WAHLGREN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9356 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-956-2728
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210723
Handler Name: STREET TRENZ INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811198
NAICS Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**N86** **MATHY MACHINE, INC.** **San Diego Co. HMMD** **S104754432**
**SSW** **9315 WHEATLANDS RD** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **CERS**
**0.207 mi.** **HWTS**
**1094 ft.** **Site 2 of 3 in cluster N**

**Relative: Higher**

**Actual: 362 ft.**

HMMD SAN DIEGO:

| | |
|---|---|
| Name: | MATHY MACHINE, INC. |
| Address: | 9315 WHEATLANDS RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | Not reported |
| Business Type: | Not reported |
| EPA Id Number: | CAD982028144 |
| APN: | Not reported |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 619-448-0404 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 03/12/2022 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 9315 WHEATLANDS RD, SANTEE, CA 92071 |
| Facility Mailing City: | Not reported |
| Facility Mailing State: | Not reported |
| Facility Mailing Zip: | Not reported |
| UST Owner: | N |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | N |
| Generate Medical Waste: | Not reported |

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-134448 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6044368 |
| Return To Compliance Date: | 2018-11-28T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-12T00:00:00.000 |
| Inspection Date: | 2018-11-15T17:06:00.000 |
| Violation Code: | 3030010 Accumulated waste too long (>180 or 270 days) or (>90 days). HSC 25201(a), 25123.3(h)(1); 22 CCR 66262.34(d); 40 CFR 262.34(e) and/or (f) |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-134448 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6806402 |
| Return To Compliance Date: | 2021-11-02T00:00:00.000 |
| Nov: | No |

**MATHY MACHINE, INC. (Continued)** **S104754432**

Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-02T00:00:00.000
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-134448
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6806402
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-12T00:00:00.000
Inspection Date: 2021-11-02T00:00:00.000
Violation Code: HMD0000 HAZARDOUS MATERIALS REQUIREMENTS

Waste and Materials:
Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200903
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-15T03:30:47.000
Chemical Name: Oil
Common Name: Hydraulic oil and way lube
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119883
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-04-07T10:41:45.000
Chemical Name: HYDROTREATED MINERAL OIL 500-70%,
Common Name: ANIONIC EMULSIFIERS 20%
Case Number: 64742-52-5

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0100957
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-07T10:41:45.000
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name: MACHINING COOLANT
Case Number: Not reported

**MATHY MACHINE, INC. (Continued)** **S104754432**

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HWAST-0100958 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2017-04-07T10:41:45.000 |
| Chemical Name: | WASTE 135 UNSPECIFIED AQUEOUS SOL'N |
| Common Name: | PARTS WASHER |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2021-HCHEM-0311992 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2022-03-12T02:32:25.000 |
| Chemical Name: | Ethylene Glycol |
| Common Name: | COOLANT |
| Case Number: | 107-21-1 |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0246851 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-03-06T02:43:13.000 |
| Chemical Name: | OIL/WATER SEPARATION SLUDGE |
| Common Name: | MACHINING COOLANT |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HWAST-0246852 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-03-06T02:43:13.000 |
| Chemical Name: | WASTE 135 UNSPECIFIED AQUEOUS SOL'N |
| Common Name: | PARTS WASHER |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HCHEM-0278870 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2021-03-06T02:43:13.000 |
| Chemical Name: | PROPANE |
| Common Name: | PROPANE |
| Case Number: | 68476-85-7 |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-134448 |
| Permit Status: | Permit Renewed |

**MATHY MACHINE, INC. (Continued)** **S104754432**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0278871
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-06T02:43:13.000
Chemical Name: Oil
Common Name: Hydraulic oil and way lube
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0311990
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-12T02:32:25.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168555
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-14T02:31:28.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168556
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-03-14T02:31:28.000
Chemical Name: HYDROTREATED MINERAL OIL 500-70%,
Common Name: ANIONIC EMULSIFIERS 20%
Case Number: 64742-52-5

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142823
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-14T02:31:28.000
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name: MACHINING COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142824

**MATHY MACHINE, INC. (Continued)** **S104754432**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-14T02:31:28.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200902
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-15T03:30:47.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173052
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-15T03:30:47.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0241623
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-17T16:59:47.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0241624
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-03-17T16:59:47.000
Chemical Name: Oil
Common Name: Hydraulic oil and way lube
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0311747
Trade Secret: N
Hazardous Material Type: Pure

**MATHY MACHINE, INC. (Continued)** **S104754432**

Last Updated: 2021-10-29T01:19:31.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0311748
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-29T01:19:31.000
Chemical Name: Oil
Common Name: Hydraulic oil and way lube
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0279193
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-29T01:19:32.000
Chemical Name: OIL/WATER SEPARATION SLUDGE
Common Name: MACHINING COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0279194
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-29T01:19:32.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0311991
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-12T02:32:25.000
Chemical Name: Oil
Common Name: Hydraulic oil and way lube
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0279540
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:25.000
Chemical Name: OIL/WATER SEPARATION SLUDGE

**MATHY MACHINE, INC. (Continued)** **S104754432**

Common Name: WASTE COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0279541
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-12T02:32:25.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0162920
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-06T01:19:48.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0162921
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-06T01:19:48.000
Chemical Name: HYDROTREATED MINERAL OIL 500-70%,
Common Name: ANIONIC EMULSIFIERS 20%
Case Number: 64742-52-5

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0138582
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-06T01:19:49.000
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name: MACHINING COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0138583
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-06T01:19:49.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER
Case Number: Not reported

**MATHY MACHINE, INC. (Continued)** **S104754432**

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0173051
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-03-15T03:30:47.000
Chemical Name: OIL/WATER SEPARATION SLUDGE
Common Name: MACHINING COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0119882
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-04-07T10:41:45.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0212344
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T16:59:47.000
Chemical Name: OIL/WATER SEPARATION SLUDGE
Common Name: MACHINING COOLANT
Case Number: Not reported

Record ID: DEH2002-HUPFP-134448
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0212345
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-17T16:59:47.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER
Case Number: Not reported

Name: MATHY MACHINE
Address: 9315 WHEATLANDS RD
City,State,Zip: SANTEE, CA 92071
Permit Number: 134448
Business Type: 6HK35
EPA Id Number: CAD982028144
APN: 381-540-19-00
Last HMMD Inspection: 06/26/2012
Facility Telephone: 619-448-0404
Permit Status: OPEN
Permit Expiration: 03/31/2013
Date Last Updated: 11/02/2012

**MATHY MACHINE, INC. (Continued)** **S104754432**

| | |
|---|---|
| Facility Owner: | JAY MATHY |
| Facility Mailing Address: | 9315 WHEATLANDS RD |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071- |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 134448 |
| Update Date: | 11/02/2012 |
| Case Number: | 64742-52-5 |
| Name: | HYDROTREATED MINERAL OIL 500-70%, |
| Other Information: | ANIONIC EMULSIFIERS 20% |
| Material Waste: | Material |
| Hazardous Categories 1: | ACUTE |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 134448 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-85-7 |
| Name: | PROPANE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | PRESSURE RELEASE |

| | |
|---|---|
| Permit Number: | 134448 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 135 UNSPECIFIED AQUEOUS SOL'N |
| Other Information: | PARTS WASHER |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 134448 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 222 OIL/WATER SEPARATION SLUDGE |
| Other Information: | MACHINING COOLANT |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |

Violations Active Permits:

| | |
|---|---|
| Permit Number: | 134448 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/20/2008 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. |

**MATHY MACHINE, INC. (Continued)** **S104754432**

66262.34(f)
Activity: ACTIVE

Permit Number: 134448
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 134448
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 134448
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV0301
Violation: HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity: ACTIVE

Permit Number: 134448
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: ACTIVE

Permit Number: 134448
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1003
Violation: HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation: Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity: ACTIVE

CERS HAZ WASTE:
Name: MATHY MACHINE, INC.
Address: 9315 WHEATLANDS RD
City,State,Zip: SANTEE, CA 92071
Site ID: 133432

**MATHY MACHINE, INC. (Continued)** **S104754432**

CERS ID: 10376872
CERS Description: Hazardous Waste Generator

CERS:
Name: MATHY MACHINE, INC.
Address: 9315 WHEATLANDS RD
City,State,Zip: SANTEE, CA 92071
Site ID: 133432
CERS ID: 10376872
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 133432
Site Name: MATHY MACHINE, INC.
Violation Date: 11-02-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 11/02/2021. Inspection Sequence ID:6806402
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 133432
Site Name: MATHY MACHINE, INC.
Violation Date: 11-15-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 11/28/2018. Inspection Sequence ID:6044368
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4088797
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-15-2018
Violations Found: No

**MATHY MACHINE, INC. (Continued)** **S104754432**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6044368
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5586962
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6044368
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6806402
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4088797
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6806402
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5586962
Eval Division: San Diego County Department of Env Health

**MATHY MACHINE, INC. (Continued)** **S104754432**

Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 133432
Facility Name: MATHY MACHINE, INC.
Env Int Type Code: HWG
Program ID: 10376872
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.844260
Longitude: -116.960530

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: PAUL W. CARPENTER
Entity Title: Not reported
Affiliation Address: 9315 WHEATLANDS RD.
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: JAY MATHY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 448-0404,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9315 WHEATLANDS RD
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: MATHY JAY J TRUST 08-21-97
Entity Title: Not reported
Affiliation Address: 9315 WHEATLANDS RD
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 448-0404,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty

**MATHY MACHINE, INC. (Continued)** **S104754432**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | MATHY MACHINE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

HWTS:

| | |
|---|---|
| Name: | MATHY MACHINE |
| Address: | 9315 WHEATLANDS RD |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000010262 |
| Inactive Date: | 06/30/1996 |
| Create Date: | 11/14/1989 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9315 WHEATLANDS RD |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 920710000 |
| Owner Name: | MATHY JAY |
| Owner Address: | Not reported |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | Not reported |
| Contact Name: | DEACTIVATE PER VQ 96 |
| Contact Address: | Not reported |
| Contact Address 2: | Not reported |
| City,State,Zip: | Not reported |
| Facility Status: | Inactive |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.844346 |
| Longitude: | -116.960909 |

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**N87** **MATHY MACHINE INC** **RCRA NonGen / NLR** **1024783562**
**SSW** **9315 WHEATLANDS, #B** **CAD982028144**
**1/8-1/4** **SANTEE, CA 92071**
**0.207 mi.**
**1094 ft.** **Site 3 of 3 in cluster N**

**Relative:**
**Higher**

**Actual:**
**362 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19880617 |
| Handler Name: | MATHY MACHINE INC | |
| Handler Address: | | 9315 WHEATLANDS, #B |
| Handler City,State,Zip: | | SANTEE, CA 92071-0000 |

**MATHY MACHINE INC (Continued)** **1024783562**

| | | |
|---|---|---|
| EPA ID: | | CAD982028144 |
| Contact Name: | | PAUL CARPENTER |
| Contact Address: | | 9315 WHEATLANDS RD |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-448-0404 |
| Contact Fax: | | 619-448-9002 |
| Contact Email: | | TERRI@MATHYMACHINE.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9315 WHEATLANDS RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071-0000 |
| Owner Name: | JAY MATHY | |
| Owner Type: | | Other |
| Operator Name: | PAUL CARPENTER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |

**MATHY MACHINE INC (Continued)** **1024783562**

| | |
|---|---|
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: JAY MATHY | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9315 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-0000 |
| Owner/Operator Telephone: | 619-448-0404 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: PAUL CARPENTER | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9315 WHEATLANDS RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-448-0404 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19880617 |
| Handler Name: MATHY MACHINE INC | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |

**MATHY MACHINE INC (Continued)** **1024783562**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 3327
NAICS Description: MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING

NAICS Code: 33271
NAICS Description: MACHINE SHOPS

NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

NAICS Code: 333319
NAICS Description: OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

NAICS Code: 333999
NAICS Description: ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING

NAICS Code: 336399
NAICS Description: ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**L88** **SOUTHBAY FOUNDRY, INC.** **San Diego Co. HMMD** **S105022245**
**West** **9444 ABRAHAM WAY** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **CERS**
**0.207 mi.**
**1094 ft.** **Site 8 of 10 in cluster L**

**Relative:** **Lower**
**Actual:** **347 ft.**

HMMD SAN DIEGO:
Name: SOUTHBAY FOUNDRY, INC.
Address: 9444 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 102129
Business Type: 6HK70
EPA Id Number: Not reported
APN: 381-640-09-00
Last HMMD Inspection: 01/30/2012
Facility Telephone: 619-956-2780
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: SOUTHBAY FOUNDRY, INC
Facility Mailing Address: 9444 ABRAHAM WY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 102129
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON, CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 102129
Update Date: 11/02/2012

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

| | |
|---|---|
| Inspection Date: | 01/30/2012 |
| Violation Code: | 6HV0132 |
| Violation: | EPA ID NUMBER NOT OBTAINED/MAINTAINED |
| Violation Citation: | Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 102129 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 09/03/2003 |
| Violation Code: | 6HV1002 |
| Violation: | HMBP NOT ESTABISHED/IMPLEMENTED. |
| Violation Citation: | Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 102129 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 09/03/2003 |
| Violation Code: | 6HV1011 |
| Violation: | TRAINING RECORDS NOT AVAILABLE |
| Violation Citation: | Personnel training records not available. 19 CCR 2732 |
| Activity: | ACTIVE |

| | |
|---|---|
| Name: | SOUTHBAY FOUNDRY, INC. |
| Address: | 9444 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | Not reported |
| Business Type: | Not reported |
| EPA Id Number: | CAC002638751 |
| APN: | Not reported |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | 619-956-2780 |
| Permit Status: | Permit Renewed |
| Permit Expiration: | Not reported |
| Date Last Updated: | 03/16/2022 |
| Facility Owner: | Not reported |
| Facility Mailing Address: | 895 SOUTH INLAND CENTER DR, SAN BERNARDINO, CA 92408 |
| Facility Mailing City: | Not reported |
| Facility Mailing State: | Not reported |
| Facility Mailing Zip: | Not reported |
| UST Owner: | N |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | N |
| Generate Medical Waste: | Not reported |

Inspection Violation:

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

| | |
|---|---|
| Return To Compliance Date: | 2022-03-31T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-06T08:41:02.000 |
| Inspection Date: | 2022-03-03T00:00:00.000 |
| Violation Code: | 3030013 Failed to accumulate hazardous waste in a container that is in good condition. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171 |
| | |
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4621601 |
| Return To Compliance Date: | 2015-05-20T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-16T01:20:25.000 |
| Inspection Date: | 2015-03-25T00:00:00.000 |
| Violation Code: | 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c) |
| | |
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-16T01:20:25.000 |
| Inspection Date: | 2022-03-03T00:00:00.000 |
| Violation Code: | HMD0001 RECORD KEEPING/OPERATIONAL REQUIREMENTS |
| | |
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |
| Return To Compliance Date: | 2022-03-31T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Container/Tank Id: Not reported
Last Update: 2022-04-06T08:38:48.000
Inspection Date: 2022-03-03T00:00:00.000
Violation Code: 3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4621601
Return To Compliance Date: 2015-05-20T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-16T01:20:25.000
Inspection Date: 2015-03-25T00:00:00.000
Violation Code: 1010002 Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet; HSC 6.95 25508(a)1A

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5645979
Return To Compliance Date: 2017-03-14T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-16T01:20:25.000
Inspection Date: 2017-02-16T16:04:00.000
Violation Code: 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6885422
Return To Compliance Date: Not reported
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-16T01:20:25.000
Inspection Date: 2022-03-03T00:00:00.000

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

| | |
|---|---|
| Violation Code: | 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b) |
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |
| Return To Compliance Date: | Not reported |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-16T01:20:25.000 |
| Inspection Date: | 2022-03-03T00:00:00.000 |
| Violation Code: | 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b) |
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |
| Return To Compliance Date: | 2022-03-31T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-06T08:41:02.000 |
| Inspection Date: | 2022-03-03T00:00:00.000 |
| Violation Code: | 3030017 Failed to properly close hazardous waste container(s). 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173 |
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6112760 |
| Return To Compliance Date: | 2019-05-14T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-16T01:20:25.000 |
| Inspection Date: | 2019-03-14T00:00:00.000 |
| Violation Code: | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b) |
| Record ID: | DEH2002-HUPFP-102129 |

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6885422
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-04-06T08:38:48.000
Inspection Date: 2022-03-03T00:00:00.000
Violation Code: HMD0001 DISPOSAL AND TRANSPORTATION

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6885422
Return To Compliance Date: Not reported
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-16T01:20:25.000
Inspection Date: 2022-03-03T00:00:00.000
Violation Code: HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6112760
Return To Compliance Date: 2019-03-20T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-16T01:20:25.000
Inspection Date: 2019-03-14T00:00:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Waste Generator

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

| | |
|---|---|
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |
| Return To Compliance Date: | Not reported |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-16T01:20:25.000 |
| Inspection Date: | 2022-03-03T00:00:00.000 |
| Violation Code: | 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a) |

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|---|---|
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-16T01:20:25.000 |
| Inspection Date: | 2022-03-03T00:00:00.000 |
| Violation Code: | HMD0000 HAZARDOUS MATERIALS REQUIREMENTS |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 4621601 |
| Return To Compliance Date: | 2015-04-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-16T01:20:25.000 |
| Inspection Date: | 2015-03-25T00:00:00.000 |
| Violation Code: | 3010002 Failure to obtain and/or maintain an Active EPA ID.; 22 CCR 12 66262.12. |

| | |
|---|---|
| Record ID: | DEH2002-HUPFP-102129 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-102129 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6885422 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Last Update: 2022-03-16T01:20:25.000
Inspection Date: 2022-03-03T00:00:00.000
Violation Code: HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6885422
Return To Compliance Date: 2022-03-31T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-04-06T08:41:02.000
Inspection Date: 2022-03-03T00:00:00.000
Violation Code: 3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6885422
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-04-06T08:41:02.000
Inspection Date: 2022-03-03T00:00:00.000
Violation Code: HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS ONLY

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-102129
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4621601
Return To Compliance Date: 2015-05-20T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-16T01:20:25.000
Inspection Date: 2015-03-25T00:00:00.000
Violation Code: 1010003 Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page; 19 CCR 4 2729.2(a)(1).

Waste and Materials:
Record ID: DEH2002-HUPFP-102129

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129672
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-21T07:27:43.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129673
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-21T07:27:43.000
Chemical Name: PROPANE GAS
Common Name: PROPANE GAS
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0129674
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-04-21T07:27:43.000
Chemical Name: ACETYLENE GAS
Common Name: ACETYLENE GAS
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0220942
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-16T01:20:25.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0190794
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-16T01:20:25.000
Chemical Name: Not reported
Common Name: Motor Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Child Record Id: DEH2017-HCHEM-0129675
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-04-21T07:27:43.000
Chemical Name: ARGON, CARBON DIOXIDE GAS
Common Name: ARGON, CARBON DIOXIDE GAS
Case Number: 7440-37-1

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0108056
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-04-21T07:27:43.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-102129
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0220943
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-16T01:20:25.000
Chemical Name: PROPANE GAS
Common Name: PROPANE GAS
Case Number: 74-98-6

Name: SOUTHBAY FOUNDRY, INC.
Address: 9444 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 102129
Business Type: 6HK70
EPA Id Number: Not reported
APN: 381-640-09-00
Last HMMD Inspection: 01/30/2012
Facility Telephone: 619-956-2780
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: SOUTHBAY FOUNDRY, INC
Facility Mailing Address: 9444 ABRAHAM WY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 102129

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON, CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 102129
Update Date: 11/02/2012
Inspection Date: 01/30/2012
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)
Activity: ACTIVE

Permit Number: 102129
Update Date: 11/02/2012
Inspection Date: 09/03/2003

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 102129
Update Date: 11/02/2012
Inspection Date: 09/03/2003
Violation Code: 6HV1011
Violation: TRAINING RECORDS NOT AVAILABLE
Violation Citation: Personnel training records not available. 19 CCR 2732
Activity: ACTIVE

Name: SOUTHBAY FOUNDRY, INC.
Address: 9444 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 102129
Business Type: 6HK70
EPA Id Number: Not reported
APN: 381-640-09-00
Last HMMD Inspection: 01/30/2012
Facility Telephone: 619-956-2780
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: SOUTHBAY FOUNDRY, INC
Facility Mailing Address: 9444 ABRAHAM WY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 102129
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON, CARBON DIOXIDE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 102129
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 102129
Update Date: 11/02/2012
Inspection Date: 01/30/2012
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)
Activity: ACTIVE

Permit Number: 102129
Update Date: 11/02/2012
Inspection Date: 09/03/2003
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: ACTIVE

Permit Number: 102129
Update Date: 11/02/2012
Inspection Date: 09/03/2003
Violation Code: 6HV1011
Violation: TRAINING RECORDS NOT AVAILABLE
Violation Citation: Personnel training records not available. 19 CCR 2732
Activity: ACTIVE

CERS HAZ WASTE:

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Name: SOUTHBAY FOUNDRY, INC.
Address: 9444 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 402553
CERS ID: 10376923
CERS Description: Hazardous Waste Generator

CERS:
Name: SOUTHBAY FOUNDRY, INC.
Address: 9444 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071
Site ID: 402553
CERS ID: 10376923
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-03-2022
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Inspection Sequence ID:6885422
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-03-2022
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Inspection Sequence ID:6885422
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-25-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 04/02/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 402553

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 02-16-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 03/14/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-14-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 05/14/2019. Inspection Sequence ID:6112760
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-25-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 05/20/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-03-2022
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Inspection Sequence ID:6885422
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-25-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

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| | business plan is complete, accurate, and up-to-date. |
| Violation Notes: | Returned to compliance on 05/20/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 402553 |
| Site Name: | SOUTHBAY FOUNDRY, INC. |
| Violation Date: | 03-14-2019 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 03/20/2019. Inspection Sequence ID:6112760 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 402553 |
| Site Name: | SOUTHBAY FOUNDRY, INC. |
| Violation Date: | 03-03-2022 |
| Citation: | 40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171 |
| Violation Description: | Failure to accumulate hazardous waste in a container that is in good condition. |
| Violation Notes: | Inspection Sequence ID:6885422 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 402553 |
| Site Name: | SOUTHBAY FOUNDRY, INC. |
| Violation Date: | 03-03-2022 |
| Citation: | 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173 |
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Inspection Sequence ID:6885422 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 402553 |
| Site Name: | SOUTHBAY FOUNDRY, INC. |
| Violation Date: | 03-03-2022 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Inspection Sequence ID:6885422 |

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-03-2022
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Inspection Sequence ID:6885422;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-03-2022
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Inspection Sequence ID:6885422
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 402553
Site Name: SOUTHBAY FOUNDRY, INC.
Violation Date: 03-25-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 05/20/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6885422
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6112760

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4621601
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5645979
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6112760
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5645979
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Williams Cameron Inspection ID:6885422
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Santos Steven Inspection ID:4621601
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

Coordinates:

| | |
|---|---|
| Site ID: | 402553 |
| Facility Name: | SOUTHBAY FOUNDRY, INC. |
| Env Int Type Code: | HMBP |
| Program ID: | 10376923 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station., |
| Latitude: | 32.848260 |
| Longitude: | -116.964290 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | SOUTH BAY FOUNDRY, INC |
| Entity Title: | Not reported |
| Affiliation Address: | 9444 ABRAHAM WAY |
| Affiliation City: | SANTEE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 895 S. Inland Center Dr |
| Affiliation City: | San Bernardino |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92408 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | JONATHAN DEL MUNDO |
| Entity Title: | SAFETY MGR |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | SOUTH BAY FOUNDRY INC |
| Entity Title: | Not reported |
| Affiliation Address: | 895 S. Inland Center Dr |
| Affiliation City: | San Bernardino |

**SOUTHBAY FOUNDRY, INC. (Continued)** **S105022245**

| | |
|---|---|
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92408 |
| Affiliation Phone: | (909) 383-1823, |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | SOUTH BAY FOUNDRY, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 956-2780, |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | SOUTHBAY FOUNDRY, INC. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

---

**L89** **SOUTH BAY FOUNDRY** **RCRA NonGen / NLR** **1024753105**
**West** **9444 ABRAHAM WAY** **CAC002972916**
**1/8-1/4** **SANTEE, CA 92071**
**0.207 mi.**
**1094 ft.** **Site 9 of 10 in cluster L**

**Relative:** **Lower**
**Actual:** **347 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20180726 |
| Handler Name: | SOUTH BAY FOUNDRY | |
| Handler Address: | | 9444 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC002972916 |
| Contact Name: | | JON DEL MUNDO |
| Contact Address: | | 9444 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-965-2780 |
| Contact Fax: | | Not reported |
| Contact Email: | | DANIEL.OSEGUEDA@SAFETY-KLEEN.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9444 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | JON DEL MUNDO | |
| Owner Type: | | Other |

**SOUTH BAY FOUNDRY (Continued)** **1024753105**

| | |
|---|---|
| Operator Name: | JON DEL MUNDO |
| Operator Type: | Other |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180831 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

**SOUTH BAY FOUNDRY (Continued)** **1024753105**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: JON DEL MUNDO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9444 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-965-2780
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JON DEL MUNDO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9444 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-965-2780
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180726
Handler Name: SOUTH BAY FOUNDRY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811198
NAICS Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**L90** **SOUTH BAY FOUNDRY INC** **RCRA NonGen / NLR** **1025868660**
**West** **9444 ABRAHAM WAY** **CAL000378761**
**1/8-1/4** **SANTEE, CA 92071**
**0.207 mi.**
**1094 ft.** **Site 10 of 10 in cluster L**

**Relative:** **Lower**

**Actual:** **347 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20121004 |
| Handler Name: | SOUTH BAY FOUNDRY INC | |
| Handler Address: | | 9444 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000378761 |
| Contact Name: | | LAURA PINEDA |
| Contact Address: | | 9444 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-956-2780 |
| Contact Fax: | | 619-956-2788 |
| Contact Email: | | LAURAP@SOUTHBAYFOUNDRY.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9444 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | SOUTH BAY FOUNDRY INC | |
| Owner Type: | | Other |
| Operator Name: | LAURA PINEDA | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**SOUTH BAY FOUNDRY INC (Continued)** **1025868660**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20190729 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: SOUTH BAY FOUNDRY INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9444 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-956-2780 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: LAURA PINEDA | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9444 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-956-2780 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**SOUTH BAY FOUNDRY INC (Continued)** **1025868660**

Historic Generators:
Receive Date: 20121004
Handler Name: SOUTH BAY FOUNDRY INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332323
NAICS Description: ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**P91** **EASTWOOD MACHINE, LLC** **San Diego Co. HMMD** **S118236783**
**WSW** **9346 ABRAHAM WAY** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **HAZNET**
**0.214 mi.** **CERS**
**1132 ft.** **Site 1 of 4 in cluster P** **HWTS**

**Relative: Higher**
**Actual: 356 ft.**

HMMD SAN DIEGO:
Name: EASTWOOD MACHINE, LLC
Address: 9346 ABRAHAM WAY
City,State,Zip: SANTEE, CA 92071-2861
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000400233
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-873-3661
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 09/16/2021
Facility Owner: Not reported
Facility Mailing Address: 9346 Abraham Way, Santee, CA 92071
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2018-HUPFP-004733 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HCHEM-0232649 |
| Trade Secret: | N |
| Hazardous Material Type: | Mixture |
| Last Updated: | 2021-09-16T02:33:39.000 |
| Chemical Name: | Q-CUT 245C |
| Common Name: | Coolant |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2018-HUPFP-004733 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HCHEM-0232650 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2021-09-16T02:33:39.000 |
| Chemical Name: | Propane |
| Common Name: | Propane |
| Case Number: | 74-98-6 |

| | |
|---|---|
| Record ID: | DEH2018-HUPFP-004733 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0202719 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2021-09-16T02:33:39.000 |
| Chemical Name: | Q-CUT 245C |
| Common Name: | Coolant Waste |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2018-HUPFP-004733 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HCHEM-0232648 |
| Trade Secret: | N |
| Hazardous Material Type: | Mixture |
| Last Updated: | 2021-09-16T02:33:39.000 |
| Chemical Name: | Shell Tonna S3 M 68 |
| Common Name: | Machine and Hydraulic Oil |
| Case Number: | Not reported |

CERS HAZ WASTE:

| | |
|---|---|
| Name: | EASTWOOD MACHINE, LLC |
| Address: | 9346 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 445824 |
| CERS ID: | 10776613 |
| CERS Description: | Hazardous Waste Generator |

HAZNET:

| | |
|---|---|
| Name: | EASTWOOD MACHINE LLC |

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

Address: 9346 ABRAHAM WAY
Address 2: Not reported
City,State,Zip: SANTEE, CA 92071
Contact: JOSEPH ODNEAL
Telephone: 6198733661
Mailing Name: Not reported
Mailing Address: 9346 ABRAHAM WAY

Year: 2021
Gepaid: CAL000400233
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 14.84572

Year: 2020
Gepaid: CAL000400233
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 9.38282

Year: 2019
Gepaid: CAL000400233
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 16.70085

Year: 2018
Gepaid: CAL000400233
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 2.75220

Year: 2017
Gepaid: CAL000400233
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 2.40192

Year: 2017
Gepaid: CAL000400233
TSD EPA ID: CAD044429835
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 3.78

Year: 2017

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

| | |
|---|---|
| Gepaid: | CAL000400233 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 2.2935 |
| | |
| Year: | 2016 |
| Gepaid: | CAL000400233 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 3.6696 |
| | |
| Year: | 2015 |
| Gepaid: | CAL000400233 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 4.35765 |
| | |
| Year: | 2014 |
| Gepaid: | CAL000400233 |
| TSD EPA ID: | CAD044429835 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 1.3761 |

Click this hyperlink while viewing on your computer to access additional CA HAZNET: detail in the EDR Site Report.

Additional Info:

| | |
|---|---|
| Year: | 2017 |
| Gen EPA ID: | CAL000400233 |
| | |
| Shipment Date: | 20171018 |
| Creation Date: | 6/20/2018 18:31:46 |
| Receipt Date: | 20171020 |
| Manifest ID: | 017727142JJK |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 2.40192 |
| Waste Quantity: | 576 |

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20170425 |
| Creation Date: | 5/17/2018 18:31:20 |
| Receipt Date: | 20170504 |
| Manifest ID: | 005892953SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS OF WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 2.2935 |
| Waste Quantity: | 550 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20170130 |
| Creation Date: | 5/9/2018 18:32:44 |
| Receipt Date: | 20170202 |
| Manifest ID: | 005732384SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS OF WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 3.78 |
| Waste Quantity: | 900 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

Additional Info:

| | |
|---|---|
| Year: | 2016 |
| Gen EPA ID: | CAL000400233 |
| Shipment Date: | 20150922 |
| Creation Date: | 11/4/2015 22:15:42 |
| Receipt Date: | 20150924 |
| Manifest ID: | 004705484SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 2.06415 |
| Waste Quantity: | 495 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20150331 |
| Creation Date: | 12/30/2015 22:15:30 |
| Receipt Date: | 20150603 |
| Manifest ID: | 004705486SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 2.2935 |
| Waste Quantity: | 550 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2015 |

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

| | |
|---|---|
| Gen EPA ID: | CAL000400233 |
| Shipment Date: | 20150922 |
| Creation Date: | 11/4/2015 22:15:42 |
| Receipt Date: | 20150924 |
| Manifest ID: | 004705484SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 2.06415 |
| Waste Quantity: | 495 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20150331 |
| Creation Date: | 12/30/2015 22:15:30 |
| Receipt Date: | 20150603 |
| Manifest ID: | 004705486SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 2.2935 |
| Waste Quantity: | 550 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2014 |
| Gen EPA ID: | CAL000400233 |
| Shipment Date: | 20141001 |

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

| | |
|---|---|
| Creation Date: | 12/29/2014 22:15:07 |
| Receipt Date: | 20141007 |
| Manifest ID: | 004417436SKS |
| Trans EPA ID: | TXR000081205 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| Waste Code Description: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Meth Code: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.3761 |
| Waste Quantity: | 330 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

CERS:

| | |
|---|---|
| Name: | EASTWOOD MACHINE, LLC |
| Address: | 9346 ABRAHAM WAY |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 445824 |
| CERS ID: | 10776613 |
| CERS Description: | Chemical Storage Facilities |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-06-2019 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6116643 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-06-2019 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Denslow Vikki Inspection ID:6116643 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |

Coordinates:

| | |
|---|---|
| Site ID: | 445824 |
| Facility Name: | Eastwood Machine, LLC |
| Env Int Type Code: | HMBP |
| Program ID: | 10776613 |
| Coord Name: | Not reported |

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.846080
Longitude: -116.964370

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Joseph Odneal
Entity Title: Not reported
Affiliation Address: 9346 Abraham Way
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Sara Odneal
Entity Title: Not reported
Affiliation Address: 9346 Abraham Way
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 873-3662,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9346 Abraham Way
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Sara Odneal
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Eastwood Machine, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Joseph Odneal

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 873-3662, |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Sara Odneal |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

HWTS:

| | |
|---|---|
| Name: | EASTWOOD MACHINE LLC |
| Address: | 9346 ABRAHAM WAY |
| Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| EPA ID: | CAL000400233 |
| Inactive Date: | Not reported |
| Create Date: | 09/08/2014 |
| Last Act Date: | Not reported |
| Mailing Name: | Not reported |
| Mailing Address: | 9346 ABRAHAM WAY |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SANTEE, CA 92071 |
| Owner Name: | EASTWOOD MACHINE LLC |
| Owner Address: | 9346 ABRAHAM WAY |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SANTEE, CA 92071 |
| Contact Name: | JOSEPH ODNEAL |
| Contact Address: | 9346 ABRAHAM WAY |
| Contact Address 2: | Not reported |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Active |
| Facility Type: | PERMANENT |
| Category: | STATE |
| Latitude: | 32.84613 |
| Longitude: | -116.9643195 |

NAICS:

**EASTWOOD MACHINE, LLC (Continued)** **S118236783**

| | |
|---|---|
| EPA ID: | CAL000400233 |
| Create Date: | 2014-09-08 11:07:55.310 |
| NAICS Code: | 336399 |
| NAICS Description: | All Other Motor Vehicle Parts Manufacturing |
| Issued EPA ID Date: | 2014-09-08 11:07:55.27000 |
| Inactive Date: | Not reported |
| Facility Name: | EASTWOOD MACHINE LLC |
| Facility Address: | 9346 ABRAHAM WAY |
| Facility Address 2: | Not reported |
| Facility City: | SANTEE |
| Facility County: | Not reported |
| Facility State: | CA |
| Facility Zip: | 92071 |

---

**P92** **EASTWOOD MACHINE LLC** **RCRA NonGen / NLR** **1024846304**
**WSW** **9346 ABRAHAM WAY** **CAL000400233**
**1/8-1/4** **SANTEE, CA 92071**
**0.214 mi.**
**1132 ft.** **Site 2 of 4 in cluster P**

**Relative:** **Higher**

**Actual:** **356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20140908 |
| Handler Name: | EASTWOOD MACHINE LLC | |
| Handler Address: | | 9346 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000400233 |
| Contact Name: | | JOSEPH ODNEAL |
| Contact Address: | | 9346 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-873-3661 |
| Contact Fax: | | 619-873-3678 |
| Contact Email: | | JOE@EASTWOODMACHINE.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9346 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | EASTWOOD MACHINE LLC | |
| Owner Type: | | Other |
| Operator Name: | JOSEPH ODNEAL | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |

**EASTWOOD MACHINE LLC (Continued)** **1024846304**

| | |
|---|---|
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180906 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JOSEPH ODNEAL | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9346 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-873-3661 |

**EASTWOOD MACHINE LLC (Continued)** **1024846304**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EASTWOOD MACHINE LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9346 ABRAHAM WAY
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-873-3661
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140908
Handler Name: EASTWOOD MACHINE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**Q93** **DISCFLO CORP** **RCRA NonGen / NLR** **1024809923**
**SW** **10850 HARTLEY RD** **CAL000287207**
**1/8-1/4** **SANTEE, CA 92071**
**0.214 mi.**
**1132 ft.** **Site 1 of 2 in cluster Q**

**Relative: Higher**
**Actual: 356 ft.**

RCRA Listings:
Date Form Received by Agency: 20041014
Handler Name: DISCFLO CORP
Handler Address: 10850 HARTLEY RD
Handler City,State,Zip: SANTEE, CA 92071
EPA ID: CAL000287207
Contact Name: KATIE BAUER
Contact Address: 10850 HARTLEY RD
Contact City,State,Zip: SANTEE, CA 92071

**DISCFLO CORP (Continued)** **1024809923**

| | | |
|---|---|---|
| Contact Telephone: | | 619-596-3181 |
| Contact Fax: | | 619-449-1990 |
| Contact Email: | | RECEPTIONIST@DISCFLO.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 10850 HARTLEY RD |
| Mailing City,State,Zip: | | SANTEE, CA 92071-2802 |
| Owner Name: | MAX I GURTH | |
| Owner Type: | | Other |
| Operator Name: | KATIE BAUER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |

**DISCFLO CORP (Continued)** **1024809923**

| | |
|---|---|
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: KATIE BAUER | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10850 HARTLEY RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-596-3181 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: MAX I GURTH | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10850 HARTLEY RD |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-2802 |
| Owner/Operator Telephone: | 619-596-3181 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20041014 |
| Handler Name: DISCFLO CORP | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |

**DISCFLO CORP (Continued)** **1024809923**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333911
NAICS Description: PUMP AND PUMPING EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

**Q94** **DISCFLO CORPORATION** **San Diego Co. HMMD** **S104756044**
**SW** **10850 HARTLEY RD A** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **CERS**
**0.214 mi.**
**1132 ft.** **Site 2 of 2 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

HMMD SAN DIEGO:
Name: DISCFLO CORPORATION
Address: 10850 HARTLEY RD A
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000287207
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-596-3181
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 03/26/2022
Facility Owner: Not reported
Facility Mailing Address: 10850 Hartley Road , Santee, CA 92071
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-203299
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6828174
Return To Compliance Date: 2022-03-22T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2021-12-07T00:00:00.000 |
| Violation Code: | 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b) |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6828174 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2021-12-07T00:00:00.000 |
| Violation Code: | HMD0000 HAZARDOUS MATERIALS REQUIREMENTS |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 4097617 |
| Return To Compliance Date: | 2015-02-06T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2015-01-29T00:00:00.000 |
| Violation Code: | 3010002 Failure to obtain and/or maintain an Active EPA ID.; 22 CCR 12 66262.12. |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 5596396 |
| Return To Compliance Date: | 2017-01-08T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2016-11-30T17:01:00.000 |
| Violation Code: | 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f) |
| | |
| Record ID: | DEH2004-HUPFP-203299 |

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6828174 |
| Return To Compliance Date: | 2022-01-11T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2021-12-07T00:00:00.000 |
| Violation Code: | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4097617 |
| Return To Compliance Date: | 2015-03-23T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2015-01-29T00:00:00.000 |
| Violation Code: | 1010002 Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet; HSC 6.95 25508(a)1A |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4097617 |
| Return To Compliance Date: | 2015-03-23T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2015-01-29T00:00:00.000 |
| Violation Code: | 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |

**DISCFLO CORPORATION (Continued)** **S104756044**

Active Permit: Y
Facility Id Number: 37-000-203299
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5596396
Return To Compliance Date: 2017-01-08T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-26T02:02:00.000
Inspection Date: 2016-11-30T17:01:00.000
Violation Code: 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-203299
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6054949
Return To Compliance Date: 2019-01-15T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-26T02:02:00.000
Inspection Date: 2018-12-19T18:33:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-203299
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 6828174
Return To Compliance Date: 2022-01-11T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-26T02:02:00.000
Inspection Date: 2021-12-07T00:00:00.000
Violation Code: 1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 5596396 |
| Return To Compliance Date: | 2016-12-21T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2016-11-30T17:01:00.000 |
| Violation Code: | HMD0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6828174 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2021-12-07T00:00:00.000 |
| Violation Code: | HMD0000 HAZARDOUS WASTE REQUIREMENTS FOR SQGS AND LQGS |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 5596396 |
| Return To Compliance Date: | 2017-01-13T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-03-26T02:02:00.000 |
| Inspection Date: | 2016-11-30T17:01:00.000 |
| Violation Code: | 3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d) |

| | |
|---|---|
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-203299 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6828174 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |

**DISCFLO CORPORATION (Continued)** **S104756044**

Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2022-03-26T02:02:00.000
Inspection Date: 2021-12-07T00:00:00.000
Violation Code: HMD0001 RECORD KEEPING/OPERATIONAL REQUIREMENTS

Waste and Materials:
Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0139145
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T10:34:28.000
Chemical Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Common Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Case Number: 7440-37-1

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0117991
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T10:34:28.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SPENT SAND BLAST MEDIA
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0117992
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T10:34:28.000
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name: WASTE 461 PAINT SLUDGE
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0117993
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T10:34:28.000
Chemical Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Common Name: MACHINING COOLANT WASTE & WAYLUBE
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125527
Trade Secret: N

**DISCFLO CORPORATION (Continued)** **S104756044**

Hazardous Material Type: Pure
Last Updated: 2017-01-18T02:35:15.000
Chemical Name: HYDROTREATED MINERAL OIL
Common Name: VALCOOL UNT 800
Case Number: 64742-52-5

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125525
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-18T02:35:15.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125526
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-18T02:35:15.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0125528
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-01-18T02:35:15.000
Chemical Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Common Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Case Number: 7440-37-1

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104348
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-18T02:35:15.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SPENT SAND BLAST MEDIA
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104349
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-18T02:35:15.000

**DISCFLO CORPORATION (Continued)** **S104756044**

Chemical Name: WASTE 461 PAINT SLUDGE
Common Name: WASTE 461 PAINT SLUDGE
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104350
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-18T02:35:15.000
Chemical Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Common Name: MACHINING COOLANT WASTE & WAYLUBE
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0104351
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-18T02:35:15.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SANDING DUST/PAINT BOOTH FILTERS
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0324393
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0324394
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0324395
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: HYDROTREATED MINERAL OIL
Common Name: COOLANT

**DISCFLO CORPORATION (Continued)** **S104756044**

Case Number: 64742-52-5

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0324396
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Common Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Case Number: 7440-37-1

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0324397
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: Phenol, isobutylenated phosphate
Common Name: Hydraulic Oil/Way Lube
Case Number: 68937-40-6

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0291612
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: SPENT SAND BLAST MEDIA
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0291613
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name: WASTE 461 PAINT SLUDGE
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0291614
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Common Name: COOLANT WASTE & WAY LUBE
Case Number: Not reported

**DISCFLO CORPORATION (Continued)** **S104756044**

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0291615
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-03-26T02:02:00.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT BOOTH FILTERS
Case Number: Not reported

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205849
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-11T02:30:13.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205850
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-11T02:30:13.000
Chemical Name: PROPANE
Common Name: PROPANE
Case Number: 68476-85-7

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205851
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-11T02:30:13.000
Chemical Name: HYDROTREATED MINERAL OIL
Common Name: COOLANT
Case Number: 64742-52-5

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205852
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-02-11T02:30:13.000
Chemical Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Common Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Case Number: 7440-37-1

Record ID: DEH2004-HUPFP-203299
Permit Status: Permit Renewed

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Active Permit: | Y |
| Child Record Id: | DEH2019-HCHEM-0205853 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2022-02-11T02:30:13.000 |
| Chemical Name: | Phenol, isobutylenated phosphate |
| Common Name: | Hydraulic Oil/Way Lube |
| Case Number: | 68937-40-6 |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0177774 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2022-02-11T02:30:13.000 |
| Chemical Name: | WASTE 181 INORGANIC SOLID WASTE (OTHER) |
| Common Name: | SPENT SAND BLAST MEDIA |
| Case Number: | Not reported |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0177775 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2022-02-11T02:30:13.000 |
| Chemical Name: | WASTE 461 PAINT SLUDGE |
| Common Name: | WASTE 461 PAINT SLUDGE |
| Case Number: | Not reported |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0177776 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2022-02-11T02:30:13.000 |
| Chemical Name: | WASTE 223 UNSPEC OIL CONTAINING WASTE |
| Common Name: | COOLANT WASTE & WAY LUBE |
| Case Number: | Not reported |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2019-HWAST-0177777 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2022-02-11T02:30:13.000 |
| Chemical Name: | WASTE 181 INORGANIC SOLID WASTE (OTHER) |
| Common Name: | PAINT BOOTH FILTERS |
| Case Number: | Not reported |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HCHEM-0139142 |

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2018-10-25T10:34:28.000 |
| Chemical Name: | OXYGEN GAS |
| Common Name: | OXYGEN GAS |
| Case Number: | 7782-44-7 |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HCHEM-0139143 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2018-10-25T10:34:28.000 |
| Chemical Name: | PROPANE |
| Common Name: | PROPANE |
| Case Number: | 68476-85-7 |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HCHEM-0139144 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2018-10-25T10:34:28.000 |
| Chemical Name: | HYDROTREATED MINERAL OIL |
| Common Name: | VALCOOL UNT 800 |
| Case Number: | 64742-52-5 |
| | |
| Record ID: | DEH2004-HUPFP-203299 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2017-HWAST-0117994 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2018-10-25T10:34:28.000 |
| Chemical Name: | WASTE 181 INORGANIC SOLID WASTE (OTHER) |
| Common Name: | SANDING DUST/PAINT BOOTH FILTERS |
| Case Number: | Not reported |

| | |
|---|---|
| Name: | DISCFLO CORPORATION |
| Address: | 10850 HARTLEY RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 203299 |
| Business Type: | 6HK35 |
| EPA Id Number: | CAL000287207 |
| APN: | 381-640-28-00 |
| Last HMMD Inspection: | 07/28/2011 |
| Facility Telephone: | 619-596-3181 |
| Permit Status: | OPEN |
| Permit Expiration: | 01/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | DISCFLO CORPORATION |
| Facility Mailing Address: | 10850 HARTLEY RD |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Facility Mailing Zip: | 92071 |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | 7440-37-1 |
| Name: | ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | PRESSURE RELEASE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | 64742-52-5 |
| Name: | HYDROTREATED MINERAL OIL |
| Other Information: | VALCOOL UNT 800 |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | 7782-44-7 |
| Name: | OXYGEN GAS |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | PRESSURE RELEASE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-85-7 |
| Name: | PROPANE |
| Other Information: | Not reported |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | PRESSURE RELEASE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 181 INORGANIC SOLID WASTE (OTHER) |
| Other Information: | SANDING DUST/PAINT BOOTH FILTERS |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Name: | WASTE 181 INORGANIC SOLID WASTE (OTHER) |
| Other Information: | SPENT SAND BLAST MEDIA |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 223 UNSPEC OIL CONTAINING WASTE |
| Other Information: | MACHINING COOLANT WASTE & WAYLUBE |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Case Number: | Not reported |
| Name: | WASTE 461 PAINT SLUDGE |
| Other Information: | Not reported |
| Material Waste: | Waste |
| Hazardous Categories 1: | Not reported |
| Hazardous Categories 2: | Not reported |

Violations Active Permits:

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 09/15/2009 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/31/2006 |
| Violation Code: | 6HV0138 |
| Violation: | NO TSDF SIGNED MANIFEST ONSITE |
| Violation Citation: | Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/31/2006 |
| Violation Code: | 6HV0301 |
| Violation: | HAZWASTE:UNAUTHORIZED DISPOSAL |
| Violation Citation: | Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/31/2006 |

**DISCFLO CORPORATION (Continued)** **S104756044**

Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 203299
Update Date: 11/02/2012
Inspection Date: 08/31/2006
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Name: DISCFLO CORPORATION
Address: 10850 HARTLEY RD
City,State,Zip: SANTEE, CA 92071
Permit Number: 203299
Business Type: 6HK35
EPA Id Number: CAL000287207
APN: 381-640-28-00
Last HMMD Inspection: 07/28/2011
Facility Telephone: 619-596-3181
Permit Status: OPEN
Permit Expiration: 01/31/2013
Date Last Updated: 11/02/2012
Facility Owner: DISCFLO CORPORATION
Facility Mailing Address: 10850 HARTLEY RD
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 203299
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON/CARBON DIOXIDE MIG MIX/ STEEL MIX
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 203299
Update Date: 11/02/2012
Case Number: 64742-52-5
Name: HYDROTREATED MINERAL OIL
Other Information: VALCOOL UNT 800
Material Waste: Material
Hazardous Categories 1: FIRE

**DISCFLO CORPORATION (Continued)** **S104756044**

Hazardous Categories 2: ACUTE

Permit Number: 203299
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 203299
Update Date: 11/02/2012
Case Number: 68476-85-7
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 203299
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SANDING DUST/PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 203299
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SPENT SAND BLAST MEDIA
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 203299
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: MACHINING COOLANT WASTE & WAYLUBE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 203299
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

**DISCFLO CORPORATION (Continued)** **S104756044**

Violations Active Permits:

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 09/15/2009 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/31/2006 |
| Violation Code: | 6HV0138 |
| Violation: | NO TSDF SIGNED MANIFEST ONSITE |
| Violation Citation: | Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/31/2006 |
| Violation Code: | 6HV0301 |
| Violation: | HAZWASTE:UNAUTHORIZED DISPOSAL |
| Violation Citation: | Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d) |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/31/2006 |
| Violation Code: | 6HV0225 |
| Violation: | ACCUMULATED HW>180 OR >270 DAYS |
| Violation Citation: | Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste] |
| Activity: | ACTIVE |

| | |
|---|---|
| Permit Number: | 203299 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 08/31/2006 |
| Violation Code: | 6HV0227 |
| Violation: | HAZWASTE TANK/CONTAINER W/O LABEL/DATE |
| Violation Citation: | Failed to properly label/date hazardous waste container &/or tank. 66262.34(f) |
| Activity: | ACTIVE |

CERS HAZ WASTE:

| | |
|---|---|
| Name: | DISCFLO CORPORATION |
| Address: | 10850 HARTLEY RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 391460 |
| CERS ID: | 10377073 |
| CERS Description: | Hazardous Waste Generator |

**DISCFLO CORPORATION (Continued)** **S104756044**

CERS:

| | |
|---|---|
| Name: | DISCFLO CORPORATION |
| Address: | 10850 HARTLEY RD |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 391460 |
| CERS ID: | 10377073 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 11-30-2016 |
| Citation: | 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d) |
| Violation Description: | Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. |
| Violation Notes: | Returned to compliance on 01/13/2017. Inspection Sequence ID:5596396 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 11-30-2016 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 01/08/2017. Inspection Sequence ID:5596396 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 11-30-2016 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 01/08/2017. Inspection Sequence ID:5596396 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 12-07-2021 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 03/22/2022. Inspection Sequence ID:6828174 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 12-19-2018 |
| Citation: | HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4) |
| Violation Description: | Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years. |
| Violation Notes: | Returned to compliance on 01/15/2019. Inspection Sequence ID:6054949 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

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|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 01-29-2015 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 02/06/2015. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

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|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 12-07-2021 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 01/11/2022. Inspection Sequence ID:6828174;Violation:HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 391460 |
| Site Name: | DISCFLO CORPORATION |
| Violation Date: | 01-29-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |

**DISCFLO CORPORATION (Continued)** **S104756044**

Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/23/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 391460
Site Name: DISCFLO CORPORATION
Violation Date: 01-29-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 03/23/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 391460
Site Name: DISCFLO CORPORATION
Violation Date: 12-07-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 01/11/2022. Inspection Sequence ID:6828174
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 391460
Site Name: DISCFLO CORPORATION
Violation Date: 11-30-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 12/21/2016. Inspection Sequence ID:5596396;Violation:HMD0224 Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 22 CCR 66261.7(e),(f)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6054949
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

**DISCFLO CORPORATION (Continued)** **S104756044**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kasprovich Christina Inspection ID:4097617
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6828174
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6828174
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kasprovich Christina Inspection ID:4097617
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5596396
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Denslow Vikki Inspection ID:6054949
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-30-2016
Violations Found: Yes

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Kieu Bridget Inspection ID:5596396 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |

Coordinates:

| | |
|---|---|
| Site ID: | 391460 |
| Facility Name: | DISCFLO CORPORATION |
| Env Int Type Code: | HMBP |
| Program ID: | 10377073 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station., |
| Latitude: | 32.845380 |
| Longitude: | -116.963520 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Vincent P Moore |
| Entity Title: | Not reported |
| Affiliation Address: | 10850 Hartley Road |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 10850 Hartley Road |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Xochitl Ruiz |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

**DISCFLO CORPORATION (Continued)** **S104756044**

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Xochitl Ruiz |
| Entity Title: | President/CEO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | DISCFLO CORPORATION |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Vince Moore |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 596-3181, |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | GURTH REVOCABLE TRUST 06-13-88 |
| Entity Title: | Not reported |
| Affiliation Address: | 10850 Hartley Road |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 596-3181, |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Max Gurth |
| Entity Title: | Not reported |
| Affiliation Address: | 10850 Hartley Road |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 596-3181, |

**95**
**ESE**
**1/8-1/4**
**0.216 mi.**
**1142 ft.**

**CHARLES HELMER**
**9247 VIA ANITA**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1026167789**
**CAC003067834**

**Relative:**
**Higher**

**Actual:**
**397 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20200521 |
| Handler Name: | CHARLES HELMER | |
| Handler Address: | | 9247 VIA ANITA |
| Handler City,State,Zip: | | SANTEE, CA 92071-4700 |
| EPA ID: | | CAC003067834 |
| Contact Name: | | CHARLES HELMER |
| Contact Address: | | 9247 VIA ANITA |
| Contact City,State,Zip: | | SANTEE, CA 92071-4700 |
| Contact Telephone: | | 619-277-3460 |
| Contact Fax: | | Not reported |
| Contact Email: | | LUCIANNAVILLAREAL@ALLIANCE-ENVIRO.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9247 VIA ANITA |
| Mailing City,State,Zip: | | SANTEE, CA 92071-4700 |
| Owner Name: | CHARLES HELMER | |
| Owner Type: | | Other |
| Operator Name: | CHARLES HELMER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**CHARLES HELMER (Continued)** **1026167789**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20200608 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CHARLES HELMER | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9247 VIA ANITA |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-4700 |
| Owner/Operator Telephone: | 619-277-3460 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: CHARLES HELMER | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9247 VIA ANITA |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-4700 |
| Owner/Operator Telephone: | 619-277-3460 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**CHARLES HELMER (Continued)** **1026167789**

Historic Generators:
- Receive Date: 20200521
- Handler Name: CHARLES HELMER
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

---

**96**
**ESE**
**1/8-1/4**
**0.220 mi.**
**1159 ft.**

**AMY SKINNER** **RCRA NonGen / NLR** **1025845204**
**9240 NORTHCOTE ROAD** **CAC003024825**
**SANTEE, CA 92071**

**Relative: Higher**

**Actual: 389 ft.**

RCRA Listings:
- Date Form Received by Agency: 20190719
- Handler Name: AMY SKINNER
- Handler Address: 9240 NORTHCOTE ROAD
- Handler City,State,Zip: SANTEE, CA 92071-4709
- EPA ID: CAC003024825
- Contact Name: AMY SKINNER
- Contact Address: 9240 NORTHCOTE ROAD
- Contact City,State,Zip: SANTEE, CA 92071-4709
- Contact Telephone: 619-457-8231
- Contact Fax: Not reported
- Contact Email: AMYSKINNER2@HOTMAIL.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 9240 NORTHCOTE ROAD
- Mailing City,State,Zip: SANTEE, CA 92071-4709
- Owner Name: AMY SKINNER

**AMY SKINNER (Continued)** **1025845204**

| | | |
|---|---|---|
| Owner Type: | | Other |
| Operator Name: | AMY SKINNER | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20190729 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |
| Importer of Spent Lead Acid Batteries: | | No |
| Exporter of Spent Lead Acid Batteries: | | No |
| Recycler Activity Without Storage: | | No |
| Manifest Broker: | | No |

**AMY SKINNER (Continued)** **1025845204**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: AMY SKINNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9240 NORTHCOTE ROAD
Owner/Operator City,State,Zip: SANTEE, CA 92071-4709
Owner/Operator Telephone: 619-457-8231
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AMY SKINNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 9240 NORTHCOTE ROAD
Owner/Operator City,State,Zip: SANTEE, CA 92071-4709
Owner/Operator Telephone: 619-457-8231
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190719
Handler Name: AMY SKINNER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

**R97** **VISION SYSTEMS INC** **RCRA-LQG** **1019899720**
**ENE** **11322 WOODSIDE AVE NORTH** **CAR000268656**
**1/8-1/4** **SANTEE, CA 92071**
**0.220 mi.**
**1161 ft.** **Site 1 of 2 in cluster R**

**Relative:** **Higher**

**Actual:** **361 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20220225 |
| Handler Name: | VISION SYSTEMS INC | |
| Handler Address: | | 11322 WOODSIDE AVE NORTH |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAR000268656 |
| Contact Name: | | DUANE HOLLANDER |
| Contact Address: | | WOODSIDE AVE NORTH |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-258-7300 x224 |
| Contact Fax: | | 619-562-2630 |
| Contact Email: | | DUANE.HOLLANDER@VISIONSYSTEMS.COM |
| Contact Title: | | ADMINISTRATOR |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Large Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | 2021 |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | WOODSIDE AVE NORTH |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | VISION SYSTEMS, INC. | |
| Owner Type: | | Private |
| Operator Name: | STEVEN M LEHMAN | |
| Operator Type: | | Private |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |

**VISION SYSTEMS INC (Continued)** **1019899720**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20220525 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008

**VISION SYSTEMS INC (Continued)** **1019899720**

Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: VISION SYSTEMS INC
Legal Status: Private
Date Became Current: 20151201
Date Ended Current: Not reported
Owner/Operator Address: 11322 WOODSIDE AVE NORTH
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-258-7300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VISION SYSTEMS INC
Legal Status: Private
Date Became Current: 20161101
Date Ended Current: Not reported
Owner/Operator Address: 11322 WOODSIDE AVE NORTH
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-258-7300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STEVEN M LEHMAN
Legal Status: Private
Date Became Current: 20170601
Date Ended Current: Not reported
Owner/Operator Address: 11322 WOODSIDE AVE NORTH

**VISION SYSTEMS INC (Continued)** **1019899720**

Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-258-7300
Owner/Operator Telephone Ext: 238
Owner/Operator Fax: Not reported
Owner/Operator Email: STEVE.LEHMAN@VISIONSYSTEMS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: VISION SYSTEMS, INC.
Legal Status: Private
Date Became Current: 20170601
Date Ended Current: Not reported
Owner/Operator Address: 11322 WOODSIDE AVE NORTH
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-258-7300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JUDITH.SLACK@VISIONSYSTEMS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: VISION SYSTEMS, INC.
Legal Status: Private
Date Became Current: 20170601
Date Ended Current: Not reported
Owner/Operator Address: 11322 WOODSIDE AVE NORTH
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-258-7300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JUDITH.SLACK@VISIONSYSTEMS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: STEVEN M LEHMAN
Legal Status: Private
Date Became Current: 20170601
Date Ended Current: Not reported
Owner/Operator Address: 11322 WOODSIDE AVE NORTH
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-258-7300
Owner/Operator Telephone Ext: 238
Owner/Operator Fax: Not reported
Owner/Operator Email: STEVE.LEHMAN@VISIONSYSTEMS.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: VISION SYSTEMS, INC.
Legal Status: Private
Date Became Current: 20170601
Date Ended Current: Not reported
Owner/Operator Address: 11322 WOODSIDE AVE NORTH
Owner/Operator City,State,Zip: SANTEE, CA 92071
Owner/Operator Telephone: 619-258-7300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JUDITH.SLACK@VISIONSYSTEMS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: STEVEN M LEHMAN
Legal Status: Private

**VISION SYSTEMS INC (Continued)** **1019899720**

| | |
|---|---|
| Date Became Current: | 20170601 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11322 WOODSIDE AVE NORTH |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-258-7300 |
| Owner/Operator Telephone Ext: | 238 |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | STEVE.LEHMAN@VISIONSYSTEMS.COM |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20180227 |
| Handler Name: VISION SYSTEMS INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

| | |
|---|---|
| Receive Date: | 20200220 |
| Handler Name: VISION SYSTEMS INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

| | |
|---|---|
| Receive Date: | 20220225 |
| Handler Name: VISION SYSTEMS INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

| | |
|---|---|
| Receive Date: | 20161110 |
| Handler Name: VISION SYSTEMS INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |

**VISION SYSTEMS INC (Continued)** **1019899720**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332321
NAICS Description: METAL WINDOW AND DOOR MANUFACTURING

NAICS Code: 332812
NAICS Description: METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20170913
Evaluation Responsible Agency: State
Found Violation: No

**VISION SYSTEMS INC (Continued)** **1019899720**

| | |
|---|---|
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | Not reported |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

---

**R98** **VISION SYSTEMS** **CERS HAZ WASTE** **S112867431**
**ENE** **11322 WOODSIDE AVENUE NORTH** **NPDES** **N/A**
**1/8-1/4** **SANTEE, CA 92071** **CIWQS**
**0.220 mi.** **CERS**
**1161 ft.** **Site 2 of 2 in cluster R**

**Relative:** **Higher**
**Actual:** **361 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | VISION SYSTEMS, INC. |
| Address: | 11322 WOODSIDE AVE N |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 412665 |
| CERS ID: | 10712536 |
| CERS Description: | Hazardous Waste Generator |

| | |
|---|---|
| Name: | VISION SYSTEMS, INC. |
| Address: | 11322 WOODSIDE AVE N |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 412665 |
| CERS ID: | 10712536 |
| CERS Description: | RCRA LQ HW Generator |

| | |
|---|---|
| Name: | VISION SYSTEMS, INC. |
| Address: | 11322 WOODSIDE AVE N |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 412665 |
| CERS ID: | 10712536 |
| CERS Description: | Hazardous Waste Onsite Treatment |

NPDES:

| | |
|---|---|
| Name: | VISION SYSTEMS |
| Address: | 11322 WOODSIDE AVENUE NORTH |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 9 37NEC003397 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 07/18/2017 |
| Operator Name: | Vision Systems |
| Operator Address: | 11322 Woodside Avenue North |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 9 |
| Regulatory Measure ID: | 488858 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 9 37NEC003397 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 07/12/2017 |
| Processed Date: | 07/18/2017 |
| Status: | Active |
| Status Date: | 07/18/2017 |
| Place Size: | 7.5 |
| Place Size Unit: | Acres |
| Contact: | Judith Slack |
| Contact Title: | Environmental |
| Contact Phone: | 619-258-7300 |
| Contact Phone Ext: | Not reported |
| Contact Email: | judith.slack@visionsystems.com |
| Operator Name: | Vision Systems |
| Operator Address: | 11322 Woodside Avenue North |
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |
| Operator Contact: | Steven Lehman |
| Operator Contact Title: | General Manager |
| Operator Contact Phone: | 619-258-7300 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | steve.lehman@visionsystems.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 619-992-2226 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Steven Lehman |
| Certifier Title: | Vice President Operations Manager |
| Certification Date: | 12-JUL-17 |
| Primary Sic: | 3446-Architectural and Ornamental Metal Work |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 9 |
| Regulatory Measure ID: | 488858 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 9 37NEC003397 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 07/18/2017 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Vision Systems |
| Discharge Address: | 11322 Woodside Avenue North |
| Discharge City: | Santee |
| Discharge State: | California |
| Discharge Zip: | 92071 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| Name: | VISION SYSTEMS |
| Address: | 11322 WOODSIDE AVENUE NORTH |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility Status: | Active |
| NPDES Number: | CAS000001 |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Region: | 9 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 488858 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 9 37NEC003397 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 07/18/2017 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 11322 Woodside Avenue North |
| Discharge Name: | Vision Systems |
| Discharge City: | Santee |
| Discharge State: | California |
| Discharge Zip: | 92071 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 9 |
| Regulatory Measure ID: | 488858 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 9 37NEC003397 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 07/12/2017 |
| Processed Date: | 07/18/2017 |
| Status: | Active |
| Status Date: | 07/18/2017 |
| Place Size: | 7.5 |
| Place Size Unit: | Acres |
| Contact: | Judith Slack |
| Contact Title: | Environmental |
| Contact Phone: | 619-258-7300 |
| Contact Phone Ext: | Not reported |
| Contact Email: | judith.slack@visionsystems.com |
| Operator Name: | Vision Systems |
| Operator Address: | 11322 Woodside Avenue North |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Operator City: | Santee |
| Operator State: | California |
| Operator Zip: | 92071 |
| Operator Contact: | Steven Lehman |
| Operator Contact Title: | General Manager |
| Operator Contact Phone: | 619-258-7300 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | steve.lehman@visionsystems.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 619-992-2226 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Steven Lehman |
| Certifier Title: | Vice President Operations Manager |
| Certification Date: | 12-JUL-17 |
| Primary Sic: | 3446-Architectural and Ornamental Metal Work |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 9 |
| Regulatory Measure ID: | 488858 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 9 37NEC003397 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 07/18/2017 |
| Expiration Date Of Regulatory Measure: | Not reported |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Vision Systems |
| Discharge Address: | 11322 Woodside Avenue North |
| Discharge City: | Santee |
| Discharge State: | California |
| Discharge Zip: | 92071 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | VISION SYSTEMS |
| Address: | 11322 WOODSIDE AVENUE NORTH |
| City,State,Zip: | SANTEE, CA 92071 |
| Agency: | Vision Systems |
| Agency Address: | 11322 Woodside Avenue North, Santee, CA 92071 |
| Place/Project Type: | Industrial - Architectural and Ornamental Metal Work |
| SIC/NAICS: | 3446 |
| Region: | 9 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 9 37NEC003397 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 07/18/2017 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 32.849968 |
| Longitude: | -116.951994 |

CERS:

| | |
|---|---|
| Name: | VISION SYSTEMS, INC. |
| Address: | 11322 WOODSIDE AVE N |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 412665 |
| CERS ID: | 10712536 |
| CERS Description: | Chemical Storage Facilities |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-13-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: McLernon Benjamin Inspection ID:5802436 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-28-2020 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Eval Notes: | Inspector: Zahra Alaaeddine Inspection ID:6261049 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-13-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: McLernon Benjamin Inspection ID:5802436 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-13-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: McLernon Benjamin Inspection ID:5802436 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | PBR |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-28-2020 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Zahra Alaaeddine Inspection ID:6261049 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-13-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: McLernon Benjamin Inspection ID:5802436 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-28-2020 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Zahra Alaaeddine Inspection ID:6261049 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | PBR |
| Eval Source: | CERS, |

Coordinates:

| | |
|---|---|
| Site ID: | 412665 |
| Facility Name: | Vision Systems, Inc. |
| Env Int Type Code: | HMBP |
| Program ID: | 10712536 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station., |

**VISION SYSTEMS (Continued)** **S112867431**

Latitude: 32.849650
Longitude: -116.954960

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11322 Woodside Ave North
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Cuyamaca West Partners, LLC
Entity Title: Not reported
Affiliation Address: 11322 Woodside Ave North
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 258-7300,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Judith Slack
Entity Title: Not reported
Affiliation Address: 11322 Woodside Ave N
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92071
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Judith Slack
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Steven M Lehman
Entity Title: Vice President, Operations

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Craig Douglas |
| Entity Title: | Environmental Compliance |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Fred Witte |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Steven M Lehman |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (619) 258-7300, |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Steven M Lehman |
| Entity Title: | Not reported |
| Affiliation Address: | 11322 Woodside Ave North |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | (619) 258-7300, |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Steven M.Lehman |
| Entity Title: | Vice President, Operations |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

**VISION SYSTEMS (Continued)** **S112867431**

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | VISION SYSTEMS INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

| | |
|---|---|
| Name: | VISION SYSTEMS |
| Address: | 11322 WOODSIDE AVENUE NORTH |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 546202 |
| CERS ID: | 857284 |
| CERS Description: | Industrial Facility Storm Water |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Owner/Operator |
| Entity Name: | Vision Systems |
| Entity Title: | Operator |
| Affiliation Address: | 11322 Woodside Avenue North |
| Affiliation City: | Santee |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92071 |
| Affiliation Phone: | , |

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**P99** **A-I-M PLASTICS INC** **RCRA NonGen / NLR** **1024798672**
**WSW** **9326 ABRAHAM WAY** **CAL000205165**
**1/8-1/4** **SANTEE, CA 92071**
**0.225 mi.**
**1188 ft.** **Site 3 of 4 in cluster P**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20000920 |
| Handler Name: | A-I-M PLASTICS INC | |
| Handler Address: | | 9326 ABRAHAM WAY |
| Handler City,State,Zip: | | SANTEE, CA 92071-0000 |
| EPA ID: | | CAL000205165 |
| Contact Name: | | CAROL SELBY |
| Contact Address: | | 9326 ABRAHAM WAY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-1164 |
| Contact Fax: | | 619-562-1254 |
| Contact Email: | | CAROLAIM@PACBELL.NET |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |

**A-I-M PLASTICS INC (Continued)** **1024798672**

| | | |
|---|---|---|
| Mailing Address: | | 9326 ABRAHAM WAY |
| Mailing City,State,Zip: | | SANTEE, CA 92071-0000 |
| Owner Name: | AIM PLASTICS INC | |
| Owner Type: | | Other |
| Operator Name: | CAROL SELBY | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | Yes |
| Universal Waste Destination Facility: | | Yes |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |
| Institutional Control Indicator: | | No |
| Human Exposure Controls Indicator: | | N/A |
| Groundwater Controls Indicator: | | N/A |
| Operating TSDF Universe: | | Not reported |
| Full Enforcement Universe: | | Not reported |
| Significant Non-Complier Universe: | | No |
| Unaddressed Significant Non-Complier Universe: | | No |
| Addressed Significant Non-Complier Universe: | | No |
| Significant Non-Complier With a Compliance Schedule Universe: | | No |
| Financial Assurance Required: | | Not reported |
| Handler Date of Last Change: | | 20180905 |
| Recognized Trader-Importer: | | No |
| Recognized Trader-Exporter: | | No |
| Importer of Spent Lead Acid Batteries: | | No |

**A-I-M PLASTICS INC (Continued)** **1024798672**

| | |
|---|---|
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: AIM PLASTICS INC | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9326 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-1949 |
| Owner/Operator Telephone: | 619-562-1164 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: CAROL SELBY | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9326 ABRAHAM WAY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-1164 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20000920 |
| Handler Name: A-I-M PLASTICS INC | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 326121 |
| NAICS Description: | UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING |
| NAICS Code: | 326122 |
| NAICS Description: | PLASTICS PIPE AND PIPE FITTING MANUFACTURING |
| NAICS Code: | 326199 |
| NAICS Description: | ALL OTHER PLASTICS PRODUCT MANUFACTURING |
| NAICS Code: | 337215 |

**A-I-M PLASTICS INC (Continued)** **1024798672**

NAICS Description: SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**P100** **ALTS TOOL AND MACHINE** **RCRA-SQG** **1000905298**
**SW** **9316 ABRAHAM WY** **San Diego Co. HMMD** **CA0000477877**
**1/8-1/4** **SANTEE, CA 92071** **FINDS**
**0.238 mi.** **ECHO**
**1258 ft.** **Site 4 of 4 in cluster P**

**Relative:**
**Higher**

**Actual:**
**356 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 19940726 |
| Handler Name: | ALTS TOOL AND MACHINE | |
| Handler Address: | | 9316 ABRAHAM WY |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CA0000477877 |
| Contact Name: | | BRETT CAYLOR |
| Contact Address: | | 9316 ABRAHAM WY |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-562-6653 |
| Contact Fax: | | Not reported |
| Contact Email: | | Not reported |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Private |
| Federal Waste Generator Description: | | Small Quantity Generator |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | ABRAHAM WY |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | DEAN R ALT | |
| Owner Type: | | Private |
| Operator Name: | Not reported | |
| Operator Type: | | Not reported |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |

**ALTS TOOL AND MACHINE (Continued)** **1000905298**

| | |
|---|---|
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20000915 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: DEAN R ALT | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9316 ABRAHAM WY |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-562-6653 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**ALTS TOOL AND MACHINE (Continued)** **1000905298**

Historic Generators:
Receive Date: 19940726
Handler Name: ALTS TOOL AND MACHINE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HMMD SAN DIEGO:
Name: ALT'S TOOL
Address: 9316 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 134173
Business Type: 6HK35
EPA Id Number: CAL000141342
APN: 381-640-01-00
Last HMMD Inspection: 03/10/1998
Facility Telephone: 619-562-6653
Permit Status: INAC
Permit Expiration: 10/31/1998
Date Last Updated: 11/02/2012
Facility Owner: DEAN ALT
Facility Mailing Address: 9316 ABRAHAM WY
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: ALT'S TOOL
Address: 9316 ABRAHAM WY
City,State,Zip: SANTEE, CA 92071
Permit Number: 134175
Business Type: 6HK35

**ALTS TOOL AND MACHINE (Continued)** **1000905298**

| | |
|---|---|
| EPA Id Number: | Not reported |
| APN: | 381-640-01-00 |
| Last HMMD Inspection: | Not reported |
| Facility Telephone: | Not reported |
| Permit Status: | INAC |
| Permit Expiration: | 08/31/2002 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | DEAN ALT |
| Facility Mailing Address: | 9316 ABRAHAM WY |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071- |
| UST Owner: | Not reported |
| Handle Regulated Hazmat: | Not reported |
| Own Or Operate UST: | Not reported |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Not reported |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

FINDS:
Registry ID: 110002618490

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000905298 |
| Registry ID: | 110002618490 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002618490 |
| Name: | ALTS TOOL AND MACHINE |
| Address: | 9316 ABRAHAM WY |
| City,State,Zip: | SANTEE, CA 92071 |

---

**101**
**SE**
**1/8-1/4**
**0.246 mi.**
**1297 ft.**

**CARLOS MERCADO** **RCRA NonGen / NLR** **1026482808**
**9211 BLOOMDALE ST** **CAC003088865**
**SANTEE, CA 92071**

**Relative: Higher**

**Actual: 399 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20201016 |
| Handler Name: | CARLOS MERCADO | |
| Handler Address: | | 9211 BLOOMDALE ST |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAC003088865 |
| Contact Name: | | CARLOS MERCADO |
| Contact Address: | | 9211 BLOOMDALE ST |

**CARLOS MERCADO (Continued)** **1026482808**

| | | |
|---|---|---|
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-882-4749 |
| Contact Fax: | | Not reported |
| Contact Email: | | JSLATEN@UENVINC.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Not reported |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 9211 BLOOMDALE ST |
| Mailing City,State,Zip: | | SANTEE, CA 92071 |
| Owner Name: | CARLOS MERCADO | |
| Owner Type: | | Other |
| Operator Name: | CARLOS MERCADO | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |
| Underground Injection Control: | | No |
| Off-Site Waste Receipt: | | No |
| Universal Waste Indicator: | | No |
| Universal Waste Destination Facility: | | No |
| Federal Universal Waste: | | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | | Not reported |
| Active Site State-Reg Handler: | | --- |
| Federal Facility Indicator: | | Not reported |
| Hazardous Secondary Material Indicator: | | N |
| Sub-Part K Indicator: | | Not reported |
| Commercial TSD Indicator: | | No |
| Treatment Storage and Disposal Type: | | Not reported |
| 2018 GPRA Permit Baseline: | | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | | Not on the Baseline |
| Permit Renewals Workload Universe: | | Not reported |
| Permit Workload Universe: | | Not reported |
| Permit Progress Universe: | | Not reported |
| Post-Closure Workload Universe: | | Not reported |
| Closure Workload Universe: | | Not reported |
| 202 GPRA Corrective Action Baseline: | | No |
| Corrective Action Workload Universe: | | No |
| Subject to Corrective Action Universe: | | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | | No |
| Corrective Action Priority Ranking: | | No NCAPS ranking |
| Environmental Control Indicator: | | No |

**CARLOS MERCADO (Continued)** **1026482808**

| | |
|---|---|
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20201026 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CARLOS MERCADO | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9211 BLOOMDALE ST |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-882-4749 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: CARLOS MERCADO | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 9211 BLOOMDALE ST |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |
| Owner/Operator Telephone: | 619-882-4749 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20201016 |
| Handler Name: CARLOS MERCADO | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |

**CARLOS MERCADO (Continued)** **1026482808**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**102 East 1/8-1/4 0.247 mi. 1303 ft.**

**SPECIALTY METALS FABRICATION INC** **RCRA NonGen / NLR** **1024813849**
**11222 WOODSIDE AVE** **CAL000305980**
**SANTEE, CA 92071**

**Relative: Higher**

**Actual: 366 ft.**

RCRA Listings:

| | | |
|---|---|---|
| Date Form Received by Agency: | | 20060426 |
| Handler Name: | SPECIALTY METALS FABRICATION INC | |
| Handler Address: | | 11222 WOODSIDE AVE |
| Handler City,State,Zip: | | SANTEE, CA 92071 |
| EPA ID: | | CAL000305980 |
| Contact Name: | | KARLI JOHNSON |
| Contact Address: | | 11222 WOODSIDE AVE N |
| Contact City,State,Zip: | | SANTEE, CA 92071 |
| Contact Telephone: | | 619-937-6100 |
| Contact Fax: | | 619-448-0179 |
| Contact Email: | | KARLI@SPECIALTYMETALSFAB.COM |
| Contact Title: | | Not reported |
| EPA Region: | | 09 |
| Land Type: | | Not reported |
| Federal Waste Generator Description: | | Not a generator, verified |
| Non-Notifier: | | Not reported |
| Biennial Report Cycle: | | Not reported |
| Accessibility: | | Not reported |
| Active Site Indicator: | | Handler Activities |
| State District Owner: | | Not reported |
| State District: | | Not reported |
| Mailing Address: | | 11222 WOODSIDE AVE N |
| Mailing City,State,Zip: | | SANTEE, CA 92071-0000 |
| Owner Name: | DICK BUXTON | |
| Owner Type: | | Other |
| Operator Name: | KARLI JOHNSON | |
| Operator Type: | | Other |
| Short-Term Generator Activity: | | No |
| Importer Activity: | | No |
| Mixed Waste Generator: | | No |
| Transporter Activity: | | No |
| Transfer Facility Activity: | | No |
| Recycler Activity with Storage: | | No |
| Small Quantity On-Site Burner Exemption: | | No |
| Smelting Melting and Refining Furnace Exemption: | | No |

**SPECIALTY METALS FABRICATION INC (Continued)** **1024813849**

| | |
|---|---|
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| Commercial TSD Indicator: | No |
| Treatment Storage and Disposal Type: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| Permit Renewals Workload Universe: | Not reported |
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Not reported |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| 202 GPRA Corrective Action Baseline: | No |
| Corrective Action Workload Universe: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Operating TSDF Universe: | Not reported |
| Full Enforcement Universe: | Not reported |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20180905 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: KARLI JOHNSON | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11222 WOODSIDE AVE N |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071 |

**SPECIALTY METALS FABRICATION INC (Continued)** **1024813849**

| | |
|---|---|
| Owner/Operator Telephone: | 619-937-6100 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: DICK BUXTON | |
| Legal Status: | Other |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 11222 WOODSIDE AVE NORTH |
| Owner/Operator City,State,Zip: | SANTEE, CA 92071-0000 |
| Owner/Operator Telephone: | 619-937-6100 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20060426 |
| Handler Name: | SPECIALTY METALS FABRICATION INC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 332439 |
| NAICS Description: | OTHER METAL CONTAINER MANUFACTURING |
| NAICS Code: | 333414 |
| NAICS Description: | HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

---

**S103** **DION & SONS, INC** **LUST** **S104749008**
**ENE** **11427 WOODSIDE AVE** **SAN DIEGO CO. SAM** **N/A**
**1/4-1/2** **SANTEE, CA 92071** **San Diego Co. HMMD**
**0.395 mi.** **CERS HAZ WASTE**
**2085 ft.** **Site 1 of 2 in cluster S** **CERS TANKS**
**CERS**

**Relative:**
**Higher**

**Actual:**
**369 ft.**

LUST:

| | |
|---|---|
| Name: | EL CAPITAN OIL COMPANY |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 920714725 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Lead Agency: | SAN DIEGO COUNTY LOP |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607303173 |
| Global Id: | T0607303173 |
| Latitude: | 32.8501368463862 |
| Longitude: | -116.951253440614 |
| Status: | Completed - Case Closed |
| Status Date: | 05/23/2017 |
| Case Worker: | JC |
| RB Case Number: | 9UT938 |
| Local Agency: | SAN DIEGO COUNTY LOP |
| File Location: | Local Agency |
| Local Case Number: | H19469-001 |
| Potential Media Affect: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Gasoline |
| Site History: | The Site is located at 11427 Woodside Avenue in Santee, California. The Site is currently occupied by a commercial fuel and oil facility. Between 1987 and 1998, 13 underground storage tanks (USTs) were reportedly removed from the Site. Analysis of soil samples collected during the UST removals indicated that a release of petroleum hydrocarbons had occurred from the UST system. The County of San Diego directed that corrective measures be taken regarding the release and opened Unauthorized Release Case H19469-001 in 1988. A summary of the previous environmental assessments conducted at the Site follows: In 1988, four USTs were removed from the Site. A Site assessment was performed immediately following the tank removal activities, during which 11 soil borings were drilled and sampled, and four of the borings were completed as groundwater monitoring wells (MW-1 through MW-4). Single-walled product piping was removed from the Site in October 1997. In April 1998, nine USTs, reportedly removed from the Site, indicated a release of petroleum hydrocarbons. A 33-day high-vacuum, dual-phase extraction (HVDPE) pilot test was conducted between January 22 and February 24, 2008. Approximately 3,256 pounds of petroleum hydrocarbons were removed and treated during the pilot test. Approximately 128,620 gallons of hydrocarbon-affected water was extracted and treated. In 2008, well MW-5 was destroyed by permit. Five nested soil vapor probes (SV1 through SV5), near the Site building, were sampled in March and April 2011. It was concluded that there is a low likelihood that a significant health risk exists in connection with the concentrations of petroleum hydrocarbons in soil vapor beneath the on-Site building. During the second quarter 2012 groundwater monitoring event, free product with the appearance of red-dyed diesel fuel was measured in well MW-10. Similar free product has subsequently been monitored in wells MW-2, MW-3, MW-13, and MW-17. A separate DEH Voluntary Assistance Program (VAP) Case H19469-005 was opened on September 12, 2012 to address the release of red-dyed diesel from the on-Site aboveground storage tank (AST) system. A CAP was submitted for the case on March 30, 2015, in which monitored natural attenuation was recommended as the most cost-effective and technically feasible strategy for the Site. On April 24, 2015, the DEH issued a letter in response to the CAP, requiring the collection of groundwater samples from source area wells MW-1, MW-3, MW-5, MW-6, and MW-14, upgradient well MW-7, and downgradient well MW-18, for analysis for total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, and xylenes (BTEX); methyl tertiary butyl ether (MTBE), ethyl tert-butyl ether (ETBE), tertiary amyl methyl ether (TAME), di-isopropyl ether |

**DION & SONS, INC (Continued)** **S104749008**

(DIPE), and tertiary butyl alcohol (TBA), (collectively, fuel oxygenates), and natural attenuation parameters. Based on discussions with the environmental consultant, on April 29, 2015, DEH required two rounds of quarterly sampling for source area wells MW-1, MW-3 (by dropping a bailer through the free product), and MW-6, upgradient well MW-7, and downgradient well MW-18 for analysis for TPH, BTEX, fuel oxygenates, and natural attenuation parameters. During the public comment period for the case, DEH received comments on July 8, 2016 from the City of San Diego regarding closure. The City cited the proximity of the Site to nearby receptors, such as the San Diego River and the Riverview Well Field. DEH responded that, based upon the distance from the receptors to the Site, it is unlikely that the receptors would be impacted by the gasoline release. The case for closure was evaluated under the States Low-Threat Underground Storage Tank Case Closure Policy (the Policy). Current and historical soil and groundwater data indicate that the secondary source has been adequately removed and a stable to decreasing plume remains. Site conditions meet the general and media-specific criteria established in the Policy. Low-threat closure of the case was recommended. It was concluded that the case qualifies for a low-risk closure designation and it was recommended that DEH grant low-risk closure for Unauthorized Release Case H19469-001. DEH concurred that the case qualifies for a low-risk closure designation. Permit DEH2016-LMWP-002565 was issued for the destruction of groundwater monitoring wells MW-6, MW-8, MW-9, MW-11, MW-12, MW-15, MW-16, MW-18, and MW-19. The remaining wells are being retained for Voluntary Assistance Program Case H19469-005.

LUST:

| | |
|---|---|
| Global Id: | T0607303173 |
| Contact Type: | Local Agency Caseworker |
| Contact Name: | JAMES CLAY |
| Organization Name: | SAN DIEGO COUNTY LOP |
| Address: | P.O. Box 129261 |
| City: | San Diego |
| Email: | james.clay@sdcounty.ca.gov |
| Phone Number: | Not reported |

LUST:

| | |
|---|---|
| Global Id: | T0607303173 |
| Action Type: | ENFORCEMENT |
| Date: | 10/26/2009 |
| Action: | File review |
| | |
| Global Id: | T0607303173 |
| Action Type: | ENFORCEMENT |
| Date: | 03/22/2010 |
| Action: | Notice of Violation |
| | |
| Global Id: | T0607303173 |
| Action Type: | ENFORCEMENT |
| Date: | 01/10/2011 |
| Action: | Technical Correspondence / Assistance / Other |
| | |
| Global Id: | T0607303173 |
| Action Type: | ENFORCEMENT |
| Date: | 03/16/2010 |

**DION & SONS, INC (Continued)** **S104749008**

Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 05/19/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 05/18/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: Other
Date: 03/02/1988
Action: Leak Began

Global Id: T0607303173
Action Type: Other
Date: 03/02/1988
Action: Leak Reported

Global Id: T0607303173
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607303173
Action Type: REMEDIATION
Date: 01/22/2008
Action: Dual Phase Extraction

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 03/22/1988
Action: Notice of Responsibility

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 12/27/2011
Action: Staff Letter

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 03/12/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 12/04/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 05/23/2017
Action: Closure/No Further Action Letter

**DION & SONS, INC (Continued)** **S104749008**

Global Id: T0607303173
Action Type: RESPONSE
Date: 10/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0607303173
Action Type: RESPONSE
Date: 11/26/2012
Action: Correspondence

Global Id: T0607303173
Action Type: RESPONSE
Date: 01/30/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0607303173
Action Type: RESPONSE
Date: 04/29/2011
Action: Risk Assessment Report - Regulator Responded

Global Id: T0607303173
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0607303173
Action Type: RESPONSE
Date: 05/20/2012
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0607303173
Action Type: RESPONSE
Date: 03/31/2015
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Global Id: T0607303173
Action Type: RESPONSE
Date: 02/23/2015
Action: Email Correspondence - Regulator Responded

Global Id: T0607303173
Action Type: RESPONSE
Date: 03/17/2016
Action: Request for Closure - Regulator Responded

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: Letter - Notice

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 08/23/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT

**DION & SONS, INC (Continued)** **S104749008**

Date: 09/26/2011
Action: File review

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 12/11/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 04/29/2015
Action: Email Correspondence

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 06/01/2016
Action: Email Correspondence

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 09/22/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 07/08/2016
Action: Notification - Public Participation Document

Global Id: T0607303173
Action Type: Other
Date: 05/25/1988
Action: Leak Stopped

Global Id: T0607303173
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0607303173
Action Type: RESPONSE
Date: 02/22/2010
Action: Pilot Study / Treatability Workplan

Global Id: T0607303173
Action Type: RESPONSE
Date: 04/26/2010
Action: Soil and Water Investigation Workplan

Global Id: T0607303173
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0607303173
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Semi-Annually

**DION & SONS, INC (Continued)** **S104749008**

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 05/29/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 10/24/2012
Action: Staff Letter

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 08/18/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: RESPONSE
Date: 04/04/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0607303173
Action Type: RESPONSE
Date: 05/20/2016
Action: Correspondence

Global Id: T0607303173
Action Type: RESPONSE
Date: 05/16/2016
Action: Correspondence

Global Id: T0607303173
Action Type: RESPONSE
Date: 05/20/2016
Action: Correspondence

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 07/10/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 09/04/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 03/10/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT
Date: 05/09/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: ENFORCEMENT

**DION & SONS, INC (Continued)** **S104749008**

Date: 02/06/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607303173
Action Type: Other
Date: 03/02/1988
Action: Leak Discovery

Global Id: T0607303173
Action Type: RESPONSE
Date: 08/23/2013
Action: Correspondence

LUST:
Global Id: T0607303173
Status: Open - Case Begin Date
Status Date: 03/02/1988

Global Id: T0607303173
Status: Open - Remediation
Status Date: 08/02/2002

Global Id: T0607303173
Status: Open - Eligible for Closure
Status Date: 04/26/2017

Global Id: T0607303173
Status: Completed - Case Closed
Status Date: 05/23/2017

SAN DIEGO CO. SAM:
Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Case Number: H19469-001
Agency: DEH Site Assessment & Mitigation
**Funding:** **LOP - State Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Remedial Investigation
Date: 8/2/2002
Date Began: 3/2/1988

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Case Number: H19469-002
Agency: DEH Site Assessment & Mitigation
**Funding:** **Private - VAP**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 4/8/1996
Date Began: 11/22/1994

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV

**DION & SONS, INC (Continued)** **S104749008**

City,State,Zip: SANTEE, CA 920714725
Case Number: H19469-003
Agency: DEH Site Assessment & Mitigation
**Funding:** **Private - VAP**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 12/18/1997
Date Began: 3/7/1997

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Case Number: H19469-004
Agency: DEH Site Assessment & Mitigation
**Funding:** **Private - VAP**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 10/1/1999
Date Began: 4/2/1999

HMMD SAN DIEGO:
Name: DION & SONS, INC
Address: 11427 WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000333515
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 619-258-7113
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 04/27/2022
Facility Owner: Not reported
Facility Mailing Address: 1543 W 16TH ST, LONG BEACH, CA 90813
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Y
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-209366
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4967013
Return To Compliance Date: 2014-04-24T00:00:00.000
Nov: No
Violation Classification: Minor

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2014-03-28T17:58:00.000 |
| Violation Code: | 1010004 Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site; 19 CCR 4 2729.2(a)(2); HSC 6.95 25504(a). |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4967013 |
| Return To Compliance Date: | 2014-04-24T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2014-03-28T17:58:00.000 |
| Violation Code: | 1010003 Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page; 19 CCR 4 2729.2(a)(1). |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 4967013 |
| Return To Compliance Date: | 2014-04-24T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24500 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2014-03-28T17:58:00.000 |
| Violation Code: | 2010010 Failure to prepare, maintain, and submit accurate CUPA UST Operating Permit Application for Facility information and/or Tank information. 23 CCR 16 2711; HSC 6.7 25286(a) |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 5845592 |
| Return To Compliance Date: | 2018-03-19T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Inspection Date: | 2018-03-01T14:39:00.000 |
| Violation Code: | 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b) |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6885336 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2022-03-10T00:00:00.000 |
| Violation Code: | HMD0000 HAZARDOUS MATERIALS REQUIREMENTS |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 4099111 |
| Return To Compliance Date: | 2013-07-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24501 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2013-03-29T11:39:00.000 |
| Violation Code: | 2030008 Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 6.7 25290.1, 25290.2, 25291 |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 4099111 |
| Return To Compliance Date: | 2013-07-01T00:00:00.000 |
| Nov: | Yes |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24501 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2013-03-29T11:39:00.000 |
| Violation Code: | 2030047 Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.23 CCR 16 2662; HSC 6.7 25290.1(c)(2), 25290.2(c)(2), 25291(a), 25292(e) |
| Record ID: | DEH2008-HUPFP-209366 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 5845592 |
| Return To Compliance Date: | 2018-03-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24500 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2018-03-01T14:39:00.000 |
| Violation Code: | 2030036 (RP) Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity; and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 23 CCR 2635(b)(2), 2665 |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 6102734 |
| Return To Compliance Date: | 2019-03-25T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24504 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2019-03-15T00:00:00.000 |
| Violation Code: | 2060020 (TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2 |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 6885336 |
| Return To Compliance Date: | Not reported |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2022-03-10T00:00:00.000 |
| Violation Code: | HMD0000 UST TANK (DW/SW) - REQUIREMENT |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 6102734 |
| Return To Compliance Date: | 2019-03-18T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Class II |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2019-03-15T00:00:00.000 |
| Violation Code: | HMD1604 Failed to maintain secondary containment empty. 22 CCR 66265.196(b) and (c); 66265.194(c) |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 4099111 |
| Return To Compliance Date: | 2013-03-29T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24500 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2013-03-29T11:39:00.000 |
| Violation Code: | 2030026 Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. 23 CCR 16 2636(f)(2), 2666 |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 5240481 |
| Return To Compliance Date: | 2016-03-09T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24504 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2016-03-02T11:23:00.000 |
| Violation Code: | 2030017 Failure to maintain all product piping outside the dispenser to be fail-safe & shut down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when a leak is detected in the under dispenser containment. 23 CCR 2636(f)(5) |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 6885336 |
| Return To Compliance Date: | Not reported |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2022-03-10T00:00:00.000 |
| Violation Code: | 1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b) |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 5845592 |
| Return To Compliance Date: | 2019-03-15T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2018-03-01T14:39:00.000 |
| Violation Code: | HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 4967013 |
| Return To Compliance Date: | 2014-03-28T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24501 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2014-03-28T17:58:00.000 |

**DION & SONS, INC (Continued)** **S104749008**

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|---|---|
| Violation Code: | 2030026 Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. 23 CCR 16 2636(f)(2), 2666. |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Materials Release Response Plans |
| Inspection Type: | Routine |
| Inspection Number: | 4967013 |
| Return To Compliance Date: | 2014-04-24T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Minor |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2014-03-28T17:58:00.000 |
| Violation Code: | 1010005 Failure to complete and/or submit an annotated site map if required by CUPA; 19 CCR 4 2729.2(a)(3). |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 4099111 |
| Return To Compliance Date: | 2013-07-01T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24501 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2013-03-29T11:39:00.000 |
| Violation Code: | 2030019 Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected. 23 CCR 16 2636(f)(1) |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 6102734 |
| Return To Compliance Date: | 2019-04-02T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24500 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2019-03-15T00:00:00.000 |
| Violation Code: | 2030039 Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system. 23 CCR 2712(a)(b)(f)(i)(j)(k) |

**DION & SONS, INC (Continued)** **S104749008**

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|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Hazardous Waste Generator |
| Inspection Type: | Routine |
| Inspection Number: | 4099111 |
| Return To Compliance Date: | 2013-07-01T00:00:00.000 |
| Nov: | Not reported |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | Not reported |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2013-03-29T11:39:00.000 |
| Violation Code: | 3030007 Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.; 22 CCR 12 66262.34(f). |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Program Element: | Underground Storage Tank |
| Inspection Type: | Routine |
| Inspection Number: | 6885336 |
| Return To Compliance Date: | 2022-03-10T00:00:00.000 |
| Nov: | No |
| Violation Classification: | Not reported |
| Underground Storage Tank Id: | 24504 |
| Container/Tank Id: | Not reported |
| Last Update: | 2022-04-27T00:00:00.000 |
| Inspection Date: | 2022-03-10T00:00:00.000 |
| Violation Code: | 2060020 (TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2 |

UST DTL:

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|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Facility Type (Ust Facility): | Fuel Distribution |
| Tank Owner Name: | Dion & Sons, Inc. |
| Tankid: | 24501 |
| Tank Status: | Active |
| Date Ust Permanently Closed: | Not reported |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Tank Use: | 1a |
| Piping System Type: | Pressure |
| Last Updated: | 2022-04-27T02:32:09.000 |
| Tank Capacityin Gallons: | 8000 |
| Tank Contents: | Diesel |
| Type Of Tank: | Double Wall |
| | |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Facility Type (Ust Facility): | Fuel Distribution |
| Tank Owner Name: | Dion & Sons, Inc. |
| Tankid: | 24502 |
| Tank Status: | Active |
| Date Ust Permanently Closed: | Not reported |
| Tank Use: | 1a |
| Piping System Type: | Pressure |
| Last Updated: | 2022-04-27T02:32:09.000 |
| Tank Capacityin Gallons: | 4000 |
| Tank Contents: | Other Petroleum |
| Type Of Tank: | Double Wall |
| | |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Facility Type (Ust Facility): | Fuel Distribution |
| Tank Owner Name: | Dion & Sons, Inc. |
| Tankid: | 24504 |
| Tank Status: | Active |
| Date Ust Permanently Closed: | Not reported |
| Tank Use: | 1a |
| Piping System Type: | Pressure |
| Last Updated: | 2022-04-27T02:32:09.000 |
| Tank Capacityin Gallons: | 3000 |
| Tank Contents: | Diesel |
| Type Of Tank: | Double Wall |
| | |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Facility Type (Ust Facility): | Fuel Distribution |
| Tank Owner Name: | Dion & Sons, Inc. |
| Tankid: | 24503 |
| Tank Status: | Active |
| Date Ust Permanently Closed: | Not reported |
| Tank Use: | 1a |
| Piping System Type: | Pressure |
| Last Updated: | 2022-04-27T02:32:09.000 |
| Tank Capacityin Gallons: | 5000 |
| Tank Contents: | Regular Unleaded |
| Type Of Tank: | Double Wall |
| | |
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Active Permit: | Y |
| Facility Id Number: | 37-000-209366 |
| Facility Type (Ust Facility): | Fuel Distribution |
| Tank Owner Name: | Dion & Sons, Inc. |
| Tankid: | 24500 |
| Tank Status: | Active |
| Date Ust Permanently Closed: | Not reported |
| Tank Use: | 1a |
| Piping System Type: | Pressure |
| Last Updated: | 2022-04-27T02:32:09.000 |
| Tank Capacityin Gallons: | 4000 |
| Tank Contents: | Regular Unleaded |
| Type Of Tank: | Double Wall |

Waste and Materials:

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0103683 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2018-03-02T04:29:17.000 |
| Chemical Name: | REGULAR UNLEADED |
| Common Name: | UNDERGROUND TANK 119469 |
| Case Number: | 86290-81-5 |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0103684 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2018-03-02T04:29:17.000 |
| Chemical Name: | REGULAR UNLEADED |
| Common Name: | UNDERGROUND TANK 119469 |
| Case Number: | 8006-61-9 |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0103685 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2018-03-02T04:29:17.000 |
| Chemical Name: | LEADED RACE GAS |
| Common Name: | UNDERGROUND TANK 119469 |
| Case Number: | 86290-81-5 |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HCHEM-0103686 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2018-03-02T04:29:17.000 |
| Chemical Name: | DIESEL |
| Common Name: | DIESEL, CLEAR (T13-3400,T14-6700, T24-3400 and Rear AST’s 10K and 5K) |

**DION & SONS, INC (Continued)** **S104749008**

Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0103687
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-02T04:29:17.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 119469 RED DIESEL
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0103688
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-02T04:29:17.000
Chemical Name: LUBRICATING OILS
Common Name: (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC)
Case Number: 8002-05-9

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0103689
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-02T04:29:17.000
Chemical Name: DIESEL, CLEAR
Common Name: UNDERGROUND TANK 119469
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0103690
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-02T04:29:17.000
Chemical Name: Diesel Fuel No. 2
Common Name: Red Dyed Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0085605
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-02T04:29:17.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HWAST-0085606 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2018-03-02T04:29:17.000 |
| Chemical Name: | Hydrocarbon Solvent Waste |
| Common Name: | GASOLINE & DIESEL WASTE |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2016-HWAST-0085607 |
| Trade Secret: | N |
| Hazardous Material Type: | Not reported |
| Last Updated: | 2018-03-02T04:29:17.000 |
| Chemical Name: | WASTE 352 ORGANIC SOLIDS (OTHER) |
| Common Name: | ABSORBENT WASTE W/OIL |
| Case Number: | Not reported |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HCHEM-0249032 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2020-05-12T02:35:41.000 |
| Chemical Name: | REGULAR UNLEADED |
| Common Name: | UNDERGROUND TANK 119469 |
| Case Number: | 8006-61-9 |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HCHEM-0249033 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2020-05-12T02:35:41.000 |
| Chemical Name: | LEADED RACE GAS |
| Common Name: | UNDERGROUND TANK 119469 |
| Case Number: | 86290-81-5 |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2020-HCHEM-0249034 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2020-05-12T02:35:41.000 |
| Chemical Name: | DIESEL |
| Common Name: | DIESEL, CLEAR (T13-3400,T14-6700, T24-3400 and Rear AST's 10K and 5K) |
| Case Number: | 68476-34-6 |

| | |
|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |

**DION & SONS, INC (Continued)** **S104749008**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0249035
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 119469 RED DIESEL
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0249036
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: LUBRICATING OILS
Common Name: (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC)
Case Number: 8002-05-9

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0249037
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: DIESEL, CLEAR
Common Name: UNDERGROUND TANK 119469
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0249038
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: Diesel Fuel No. 2
Common Name: Red Dyed Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0220081
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0220082

**DION & SONS, INC (Continued)** **S104749008**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: Hydrocarbon Solvent Waste
Common Name: GASOLINE & DIESEL WASTE
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0220083
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: ABSORBENT WASTE W/OIL
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178951
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: Diesel Fuel No. 2
Common Name: Red Dyed Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178952
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: DIESEL, CLEAR
Common Name: UNDERGROUND TANK 119469
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178953
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: LUBRICATING OILS
Common Name: (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC)
Case Number: 8002-05-9

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178954
Trade Secret: N
Hazardous Material Type: Pure

**DION & SONS, INC (Continued)** **S104749008**

Last Updated: 2018-06-01T02:35:46.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 119469 RED DIESEL
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178955
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: DIESEL
Common Name: DIESEL, CLEAR (T13-3400,T14-6700, T24-3400 and Rear AST's 10K and 5K)
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178956
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: LEADED RACE GAS
Common Name: UNDERGROUND TANK 119469
Case Number: 86290-81-5

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178957
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 119469
Case Number: 8006-61-9

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0178958
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 119469
Case Number: 86290-81-5

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0153455
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)

**DION & SONS, INC (Continued)** **S104749008**

Common Name: ABSORBENT WASTE W/OIL
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0153456
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: Hydrocarbon Solvent Waste
Common Name: GASOLINE & DIESEL WASTE
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0153457
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-06-01T02:35:46.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167324
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-01T02:47:57.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167325
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-01T02:47:57.000
Chemical Name: Hydrocarbon Solvent Waste
Common Name: GASOLINE & DIESEL WASTE
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193585
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-01T02:47:57.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 119469
Case Number: 86290-81-5

**DION & SONS, INC (Continued)** **S104749008**

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| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HCHEM-0193586 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2019-11-01T02:47:57.000 |
| Chemical Name: | REGULAR UNLEADED |
| Common Name: | UNDERGROUND TANK 119469 |
| Case Number: | 8006-61-9 |

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|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HCHEM-0193587 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2019-11-01T02:47:57.000 |
| Chemical Name: | LEADED RACE GAS |
| Common Name: | UNDERGROUND TANK 119469 |
| Case Number: | 86290-81-5 |

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|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HCHEM-0193588 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2019-11-01T02:47:57.000 |
| Chemical Name: | DIESEL |
| Common Name: | DIESEL, CLEAR (T13-3400,T14-6700, T24-3400 and Rear AST’s 10K and 5K) |
| Case Number: | 68476-34-6 |

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|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HCHEM-0193589 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2019-11-01T02:47:57.000 |
| Chemical Name: | DIESEL |
| Common Name: | UNDERGROUND TANK 119469 RED DIESEL |
| Case Number: | 68476-34-6 |

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|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |
| Active Permit: | Y |
| Child Record Id: | DEH2018-HCHEM-0193590 |
| Trade Secret: | N |
| Hazardous Material Type: | Pure |
| Last Updated: | 2019-11-01T02:47:57.000 |
| Chemical Name: | LUBRICATING OILS |
| Common Name: | (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC) |
| Case Number: | 8002-05-9 |

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|---|---|
| Record ID: | DEH2008-HUPFP-209366 |
| Permit Status: | Permit Renewed |

**DION & SONS, INC (Continued)** **S104749008**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193591
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-01T02:47:57.000
Chemical Name: DIESEL, CLEAR
Common Name: UNDERGROUND TANK 119469
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193592
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-11-01T02:47:57.000
Chemical Name: Diesel Fuel No. 2
Common Name: Red Dyed Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167326
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-11-01T02:47:57.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: ABSORBENT WASTE W/OIL
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285442
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-04-27T02:32:09.000
Chemical Name: DIESEL
Common Name: DIESEL, CLEAR (T13-3400,T14-6700, T24-3400 and Rear AST’s 10K and 5K)
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0249031
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-12T02:35:41.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 119469
Case Number: 86290-81-5

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285441

**DION & SONS, INC (Continued)** **S104749008**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-04-27T02:32:09.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 119469
Case Number: 86290-81-5

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285443
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-04-27T02:32:09.000
Chemical Name: LUBRICATING OILS
Common Name: (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC)
Case Number: 8002-05-9

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285444
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-04-27T02:32:09.000
Chemical Name: DIESEL, CLEAR & DYED RED
Common Name: UNDERGROUND TANK 119469
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253977
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-04-27T02:32:09.000
Chemical Name: Hydrocarbon Solvent Waste
Common Name: GASOLINE & DIESEL WASTE
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253978
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-04-27T02:32:09.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name: ABSORBENT WASTE W/OIL
Case Number: Not reported

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0285445
Trade Secret: N
Hazardous Material Type: Pure

**DION & SONS, INC (Continued)** **S104749008**

Last Updated: 2022-04-27T02:32:09.000
Chemical Name: Diesel Fuel No. 2
Common Name: Red Dyed Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2008-HUPFP-209366
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0253976
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-04-27T02:32:09.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: USED OIL
Case Number: Not reported

Name: DION & SONS, INC
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 209366
Business Type: 6HK28
EPA Id Number: CAL000333515
APN: 382-320-06-00
Last HMMD Inspection: 03/01/2012
Facility Telephone: 619-258-7113
Permit Status: OPEN
Permit Expiration: 05/31/2013
Date Last Updated: 11/02/2012
Facility Owner: MATT CULLEN
Facility Mailing Address: 1543 W 16TH ST
Facility Mailing City: LONG BEACH
Facility Mailing State: CA
Facility Mailing Zip: 90813
UST Owner: DION & SONS, INC
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 209366
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL
Other Information: DIESEL, CLEAR (T13-3400,T14-6700, T24-3400)T8-10000
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL
Other Information: UNDERGROUND TANK 119469 RED DIESEL
Material Waste: Material

**DION & SONS, INC (Continued)** **S104749008**

Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL, CLEAR
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OILS
Other Information: (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 915-67-3
Name: RED-DYE DIESEL
Other Information: (T9-10000,T10-5500, T12-6700)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: SUPER UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

**DION & SONS, INC (Continued)** **S104749008**

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: ABSORBENT WASTE W/OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: VORTEX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012

**DION & SONS, INC (Continued)** **S104749008**

Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or

**DION & SONS, INC (Continued)** **S104749008**

(f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3191
Violation: NO D.O. CERT/NOTIFICATION/CHANGE
Violation Citation: Designated Operator Notification/Change form not submitted and/or D.O. not ICC certified. 2715 (a)(b)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/03/2009
Violation Code: 6HV3114
Violation: 2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation: Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity: ACTIVE

**DION & SONS, INC (Continued)** **S104749008**

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|---|---|
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV3192 |
| Violation: | NO D.O INSPECTION/INCOMPL;NO REPORTS |
| Violation Citation: | Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1013 |
| Violation: | HMBP NOT AVAILABLE FOR REVIEW |
| Violation Citation: | Copy of HMBP not onsite for inspector's review. 25505(e) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV0135 |
| Violation: | MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT |
| Violation Citation: | Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1601 |
| Violation: | HAZWASTE TANKS W/O P.E. ASSESSMENT |
| Violation Citation: | Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1605 |
| Violation: | NO DAILY TANK INSPECTION/LOG |
| Violation Citation: | Failed to inspect and/or document daily HW tank system inspections. 66265.195 ( c) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/01/2012 |
| Violation Code: | 6HV3105 |
| Violation: | NO CURRENT FINANCIAL RESPONSIBILITY |
| Violation Citation: | Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809 |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/01/2012 |

**DION & SONS, INC (Continued)** **S104749008**

Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)

**DION & SONS, INC (Continued)** **S104749008**

Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE

**DION & SONS, INC (Continued)** **S104749008**

Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3258
Violation: SENSORS NOT AT LOW POINT OR ADEQUATELY
Violation Citation: Sensors not placed adequately and/or at low point in sumps. 2641(a), 25291(a)(7)(C)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)

**DION & SONS, INC (Continued)** **S104749008**

Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 119469 T013
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: REG UNLEADED, RT4893, RT4999
Capacity Gallons: 4000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE

**DION & SONS, INC (Continued)** **S104749008**

Remove Close Date: Not reported
Year Installed: Not reported
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31B
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ MECHANICAL FLOAT

UST Name: UNDERGROUND TANK 119469 T014
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: NT 1976RT3528, RT4893, RT4999
Capacity Gallons: 8000
UST Contents: DIESEL
Other Content Info: DIESEL FUEL CLEAR
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31C
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR

UST Name: UNDERGROUND TANK 119469 T015
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: NT1976RT3528, RT4893, RT4999
Capacity Gallons: 4000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31C
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR

UST Name: UNDERGROUND TANK 119469 T016
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: NT1976RT3528, RT4893, RT4999
Capacity Gallons: 5000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31C
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF &

**DION & SONS, INC (Continued)** **S104749008**

FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T017 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976 RED DIESEL; RT3528, RT4893, RT4999 |
| Capacity Gallons: | 3000 |
| UST Contents: | DIESEL |
| Other Content Info: | RED DIESEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| Name: | DION & SONS, INC |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 209366 |
| Business Type: | 6HK28 |
| EPA Id Number: | CAL000333515 |
| APN: | 382-320-06-00 |
| Last HMMD Inspection: | 03/01/2012 |
| Facility Telephone: | 619-258-7113 |
| Permit Status: | OPEN |
| Permit Expiration: | 05/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | MATT CULLEN |
| Facility Mailing Address: | 1543 W 16TH ST |
| Facility Mailing City: | LONG BEACH |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 90813 |
| UST Owner: | DION & SONS, INC |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Y |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-34-6 |
| Name: | DIESEL |
| Other Information: | DIESEL, CLEAR (T13-3400,T14-6700, T24-3400)T8-10000 |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-34-6 |

**DION & SONS, INC (Continued)** **S104749008**

Name: DIESEL
Other Information: UNDERGROUND TANK 119469 RED DIESEL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL, CLEAR
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OILS
Other Information: (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 915-67-3
Name: RED-DYE DIESEL
Other Information: (T9-10000,T10-5500, T12-6700)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: SUPER UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material

**DION & SONS, INC (Continued)** **S104749008**

Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: ABSORBENT WASTE W/OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: VORTEX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

**DION & SONS, INC (Continued)** **S104749008**

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267

**DION & SONS, INC (Continued)** **S104749008**

Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3191
Violation: NO D.O. CERT/NOTIFICATION/CHANGE
Violation Citation: Designated Operator Notification/Change form not submitted and/or D.O. not ICC certified. 2715 (a)(b)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/03/2009
Violation Code: 6HV3114
Violation: 2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation: Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV3192 |
| Violation: | NO D.O INSPECTION/INCOMPL;NO REPORTS |
| Violation Citation: | Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1013 |
| Violation: | HMBP NOT AVAILABLE FOR REVIEW |
| Violation Citation: | Copy of HMBP not onsite for inspector’s review. 25505(e) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV0135 |
| Violation: | MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT |
| Violation Citation: | Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1601 |
| Violation: | HAZWASTE TANKS W/O P.E. ASSESSMENT |
| Violation Citation: | Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1605 |
| Violation: | NO DAILY TANK INSPECTION/LOG |
| Violation Citation: | Failed to inspect and/or document daily HW tank system inspections. 66265.195 ( c) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/01/2012 |
| Violation Code: | 6HV3105 |
| Violation: | NO CURRENT FINANCIAL RESPONSIBILITY |
| Violation Citation: | Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809 |
| Activity: | ACTIVE |
| Permit Number: | 209366 |

**DION & SONS, INC (Continued)** **S104749008**

Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257

**DION & SONS, INC (Continued)** **S104749008**

Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012

**DION & SONS, INC (Continued)** **S104749008**

Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3258
Violation: SENSORS NOT AT LOW POINT OR ADEQUATELY
Violation Citation: Sensors not placed adequately and/or at low point in sumps. 2641(a), 25291(a)(7)(C)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED

**DION & SONS, INC (Continued)** **S104749008**

Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 119469 T013
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: REG UNLEADED, RT4893, RT4999
Capacity Gallons: 4000
UST Contents: REGULAR UNLEADED

**DION & SONS, INC (Continued)** **S104749008**

Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: Not reported
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31B
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ MECHANICAL FLOAT

UST Name: UNDERGROUND TANK 119469 T014
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: NT 1976RT3528, RT4893, RT4999
Capacity Gallons: 8000
UST Contents: DIESEL
Other Content Info: DIESEL FUEL CLEAR
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31C
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR

UST Name: UNDERGROUND TANK 119469 T015
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: NT1976RT3528, RT4893, RT4999
Capacity Gallons: 4000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31C
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR

UST Name: UNDERGROUND TANK 119469 T016
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: NT1976RT3528, RT4893, RT4999
Capacity Gallons: 5000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| UST Name: | UNDERGROUND TANK 119469 T017 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976 RED DIESEL; RT3528, RT4893, RT4999 |
| Capacity Gallons: | 3000 |
| UST Contents: | DIESEL |
| Other Content Info: | RED DIESEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| Name: | DION & SONS, INC |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 209366 |
| Business Type: | 6HK28 |
| EPA Id Number: | CAL000333515 |
| APN: | 382-320-06-00 |
| Last HMMD Inspection: | 03/01/2012 |
| Facility Telephone: | 619-258-7113 |
| Permit Status: | OPEN |
| Permit Expiration: | 05/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | MATT CULLEN |
| Facility Mailing Address: | 1543 W 16TH ST |
| Facility Mailing City: | LONG BEACH |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 90813 |
| UST Owner: | DION & SONS, INC |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Y |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-34-6 |
| Name: | DIESEL |
| Other Information: | DIESEL, CLEAR (T13-3400,T14-6700, T24-3400)T8-10000 |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | ACUTE |

| | |
|---|---|
| Permit Number: | 209366 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Update Date: | 11/02/2012 |
| Case Number: | 68476-34-6 |
| Name: | DIESEL |
| Other Information: | UNDERGROUND TANK 119469 RED DIESEL |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-34-6 |
| Name: | DIESEL, CLEAR |
| Other Information: | UNDERGROUND TANK 119469 |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 8002-05-9 |
| Name: | LUBRICATING OILS |
| Other Information: | (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC) |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 915-67-3 |
| Name: | RED-DYE DIESEL |
| Other Information: | (T9-10000,T10-5500, T12-6700) |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 8006-61-9 |
| Name: | REGULAR UNLEADED |
| Other Information: | UNDERGROUND TANK 119469 |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 8006-61-9 |
| Name: | REGULAR UNLEADED |
| Other Information: | UNDERGROUND TANK 119469 |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |
| Hazardous Categories 2: | Not reported |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 8006-61-9 |
| Name: | SUPER UNLEADED |

**DION & SONS, INC (Continued)** **S104749008**

Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: ABSORBENT WASTE W/OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: VORTEX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly.

**DION & SONS, INC (Continued)** **S104749008**

2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3267 |
| Violation: | DISP. CONTAINMENT NOT ADEQ. MONITORED |
| Violation Citation: | Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3191 |
| Violation: | NO D.O. CERT/NOTIFICATION/CHANGE |
| Violation Citation: | Designated Operator Notification/Change form not submitted and/or D.O. not ICC certified. 2715 (a)(b) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV3114 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Violation: | 2NDRY CONT TEST NOT DONE/SENT TO CUPA |
| Violation Citation: | Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV3192 |
| Violation: | NO D.O INSPECTION/INCOMPL;NO REPORTS |
| Violation Citation: | Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1013 |
| Violation: | HMBP NOT AVAILABLE FOR REVIEW |
| Violation Citation: | Copy of HMBP not onsite for inspector's review. 25505(e) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV0135 |
| Violation: | MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT |
| Violation Citation: | Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1601 |
| Violation: | HAZWASTE TANKS W/O P.E. ASSESSMENT |
| Violation Citation: | Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1605 |
| Violation: | NO DAILY TANK INSPECTION/LOG |
| Violation Citation: | Failed to inspect and/or document daily HW tank system inspections. 66265.195 ( c) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/01/2012 |
| Violation Code: | 6HV3105 |
| Violation: | NO CURRENT FINANCIAL RESPONSIBILITY |
| Violation Citation: | Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809 |

**DION & SONS, INC (Continued)** **S104749008**

Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366

**DION & SONS, INC (Continued)** **S104749008**

Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

**DION & SONS, INC (Continued)** **S104749008**

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3258
Violation: SENSORS NOT AT LOW POINT OR ADEQUATELY
Violation Citation: Sensors not placed adequately and/or at low point in sumps. 2641(a), 25291(a)(7)(C)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012

**DION & SONS, INC (Continued)** **S104749008**

Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 119469 T013
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Additional Id: | REG UNLEADED, RT4893, RT4999 |
| Capacity Gallons: | 4000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | Not reported |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31B |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ MECHANICAL FLOAT |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T014 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT 1976RT3528, RT4893, RT4999 |
| Capacity Gallons: | 8000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL FUEL CLEAR |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T015 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528, RT4893, RT4999 |
| Capacity Gallons: | 4000 |
| UST Contents: | PREMIUM UNLEADED |
| Other Content Info: | PREMIUM UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T016 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528, RT4893, RT4999 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| UST Name: | UNDERGROUND TANK 119469 T017 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976 RED DIESEL; RT3528, RT4893, RT4999 |
| Capacity Gallons: | 3000 |
| UST Contents: | DIESEL |
| Other Content Info: | RED DIESEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| Name: | DION & SONS, INC |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 209366 |
| Business Type: | 6HK28 |
| EPA Id Number: | CAL000333515 |
| APN: | 382-320-06-00 |
| Last HMMD Inspection: | 03/01/2012 |
| Facility Telephone: | 619-258-7113 |
| Permit Status: | OPEN |
| Permit Expiration: | 05/31/2013 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | MATT CULLEN |
| Facility Mailing Address: | 1543 W 16TH ST |
| Facility Mailing City: | LONG BEACH |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 90813 |
| UST Owner: | DION & SONS, INC |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Y |
| Subject To APSA: | Y |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

Inventory Active Permits (not SQG Medical):

| | |
|---|---|
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Case Number: | 68476-34-6 |
| Name: | DIESEL |
| Other Information: | DIESEL, CLEAR (T13-3400,T14-6700, T24-3400)T8-10000 |
| Material Waste: | Material |
| Hazardous Categories 1: | FIRE |

**DION & SONS, INC (Continued)** **S104749008**

Hazardous Categories 2: ACUTE

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL
Other Information: UNDERGROUND TANK 119469 RED DIESEL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL, CLEAR
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OILS
Other Information: (10,30,40,50,32,68,15-40,5-30,80-90,85-*140, ETC)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 915-67-3
Name: RED-DYE DIESEL
Other Information: (T9-10000,T10-5500, T12-6700)
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366

**DION & SONS, INC (Continued)** **S104749008**

Update Date: 11/02/2012
Case Number: 8006-61-9
Name: SUPER UNLEADED
Other Information: UNDERGROUND TANK 119469
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Other Information: GASOLINE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: ABSORBENT WASTE W/OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209366
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: VORTEX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011

**DION & SONS, INC (Continued)** **S104749008**

Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 02/24/2011
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3267 |
| Violation: | DISP. CONTAINMENT NOT ADEQ. MONITORED |
| Violation Citation: | Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3262 |
| Violation: | SEC CONT PIPING DRAINAGE OBSTRUCTED |
| Violation Citation: | Secondary containment piping obstructed preventing drainage to sump. 2632 |
| Activity: | ACTIVE |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 02/24/2011 |
| Violation Code: | 6HV3191 |
| Violation: | NO D.O. CERT/NOTIFICATION/CHANGE |
| Violation Citation: | Designated Operator Notification/Change form not submitted and/or D.O. not ICC certified. 2715 (a)(b) |
| Activity: | ACTIVE |
| Permit Number: | 209366 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV3114 |
| Violation: | 2NDRY CONT TEST NOT DONE/SENT TO CUPA |
| Violation Citation: | Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV3192 |
| Violation: | NO D.O INSPECTION/INCOMPL;NO REPORTS |
| Violation Citation: | Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1013 |
| Violation: | HMBP NOT AVAILABLE FOR REVIEW |
| Violation Citation: | Copy of HMBP not onsite for inspector's review. 25505(e) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV0135 |
| Violation: | MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT |
| Violation Citation: | Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1601 |
| Violation: | HAZWASTE TANKS W/O P.E. ASSESSMENT |
| Violation Citation: | Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/03/2009 |
| Violation Code: | 6HV1605 |
| Violation: | NO DAILY TANK INSPECTION/LOG |
| Violation Citation: | Failed to inspect and/or document daily HW tank system inspections. 66265.195 ( c) |
| Activity: | ACTIVE |
| | |
| Permit Number: | 209366 |
| Update Date: | 11/02/2012 |
| Inspection Date: | 03/01/2012 |
| Violation Code: | 6HV3105 |

**DION & SONS, INC (Continued)** **S104749008**

Violation: NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation: Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)

**DION & SONS, INC (Continued)** **S104749008**

Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE

**DION & SONS, INC (Continued)** **S104749008**

Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3258
Violation: SENSORS NOT AT LOW POINT OR ADEQUATELY
Violation Citation: Sensors not placed adequately and/or at low point in sumps. 2641(a), 25291(a)(7)(C)
Activity: ACTIVE

**DION & SONS, INC (Continued)** **S104749008**

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/01/2012
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3267
Violation: DISP. CONTAINMENT NOT ADEQ. MONITORED
Violation Citation: Dispenser containment not adequately monitored. 2636(f)(1) or (f)(5)(A)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3261
Violation: DISPENSER CONTAINMENT NOT DRY
Violation Citation: Dispenser containment not free of liquid. 2631(d)(4)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 209366
Update Date: 11/02/2012
Inspection Date: 03/15/2010
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 119469 T013
Last Update: 2012-11-02 14:17:38

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | REG UNLEADED, RT4893, RT4999 |
| Capacity Gallons: | 4000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | Not reported |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31B |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ MECHANICAL FLOAT |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T014 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT 1976RT3528, RT4893, RT4999 |
| Capacity Gallons: | 8000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL FUEL CLEAR |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T015 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528, RT4893, RT4999 |
| Capacity Gallons: | 4000 |
| UST Contents: | PREMIUM UNLEADED |
| Other Content Info: | PREMIUM UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T016 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 209366 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528, RT4893, RT4999 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |

**DION & SONS, INC (Continued)** **S104749008**

Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31C
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR

UST Name: UNDERGROUND TANK 119469 T017
Last Update: 2012-11-02 14:17:38
Permit Number: 209366
Tank Type: DOUBLE WALL
Additional Id: NT1976 RED DIESEL; RT3528, RT4893, RT4999
Capacity Gallons: 3000
UST Contents: DIESEL
Other Content Info: RED DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1997-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31C
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 92071
Permit Number: 119469
Business Type: 6HK78
EPA Id Number: CAL00023382
APN: 382-320-06-00
Last HMMD Inspection: 02/28/2008
Facility Telephone: 619-258-7113
Permit Status: CHNG
Permit Expiration: 05/31/2008
Date Last Updated: 11/02/2012
Facility Owner: SAMAD ATTISHA
Facility Mailing Address: 11427 WOODSIDE AV
Facility Mailing City: SANTEE
Facility Mailing State: CA
Facility Mailing Zip: 92071-4725
UST Owner: LINDA WIGINGTON
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 119469 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 119469
Tank Type: SINGLE WALL
Additional Id: D-1

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T002 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-2 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T003 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-3 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T004 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-4 KEROSENE |
| Capacity Gallons: | 6000 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T005 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | R-1 |
| Capacity Gallons: | 7500 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T006 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | UL-1 |
| Capacity Gallons: | 2015 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T007 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | 7 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | 1988-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | SUCTION |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T008 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 8 |
| Capacity Gallons: | 550 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T009 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 9 |
| Capacity Gallons: | 880 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T010 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 010 WASTE OIL |
| Capacity Gallons: | 550 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | SINGLE WALL |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T011 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 011 PREMIUM |
| Capacity Gallons: | 2500 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| | |
| UST Name: | UNDERGROUND TANK 119469 T012 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 012 WASTE OIL |
| Capacity Gallons: | 550 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| | |
| UST Name: | UNDERGROUND TANK 119469 T013 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | REG UNLEADED |
| Capacity Gallons: | 4000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | Not reported |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31B |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ MECHANICAL FLOAT |
| | |
| UST Name: | UNDERGROUND TANK 119469 T014 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT 1976RT3528 |
| Capacity Gallons: | 8000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL FUEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| UST Name: | UNDERGROUND TANK 119469 T015 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528 |
| Capacity Gallons: | 4000 |
| UST Contents: | PREMIUM UNLEADED |
| Other Content Info: | PREMIUM UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| UST Name: | UNDERGROUND TANK 119469 T016 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| UST Name: | UNDERGROUND TANK 119469 T017 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976 RED DIESELRT3528 |
| Capacity Gallons: | 3000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| UST Name: | UNDERGROUND TANK 119469 T018 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | AT4031RT3528 |
| Capacity Gallons: | 7500 |
| UST Contents: | MIDGRADE UNLEADED |
| Other Content Info: | MIDGRADE UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| Name: | EL CAPITAN OIL COMPANY |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 119469 |
| Business Type: | 6HK78 |
| EPA Id Number: | CAL00023382 |
| APN: | 382-320-06-00 |
| Last HMMD Inspection: | 02/28/2008 |
| Facility Telephone: | 619-258-7113 |
| Permit Status: | CHNG |
| Permit Expiration: | 05/31/2008 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | SAMAD ATTISHA |
| Facility Mailing Address: | 11427 WOODSIDE AV |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-4725 |
| UST Owner: | LINDA WIGINGTON |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Y |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

UST:

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T001 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-1 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY |

**DION & SONS, INC (Continued)** **S104749008**

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T002 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-2 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY<br>MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T003 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-3 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY<br>MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T004 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-4 KEROSENE |
| Capacity Gallons: | 6000 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY<br>MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T005 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Additional Id: | R-1 |
| Capacity Gallons: | 7500 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T006 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | UL-1 |
| Capacity Gallons: | 2015 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T007 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | 7 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | 1988-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | SUCTION |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |
| UST Name: | UNDERGROUND TANK 119469 T008 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 8 |
| Capacity Gallons: | 550 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |
| UST Name: | UNDERGROUND TANK 119469 T009 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 9 |
| Capacity Gallons: | 880 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |
| UST Name: | UNDERGROUND TANK 119469 T010 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 010 WASTE OIL |
| Capacity Gallons: | 550 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | SINGLE WALL |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |
| UST Name: | UNDERGROUND TANK 119469 T011 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 011 PREMIUM |
| Capacity Gallons: | 2500 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T012 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 012 WASTE OIL |
| Capacity Gallons: | 550 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T013 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | REG UNLEADED |
| Capacity Gallons: | 4000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | Not reported |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31B |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ MECHANICAL FLOAT |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T014 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT 1976RT3528 |
| Capacity Gallons: | 8000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL FUEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T015 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528 |
| Capacity Gallons: | 4000 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| UST Contents: | PREMIUM UNLEADED |
| Other Content Info: | PREMIUM UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T016 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T017 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976 RED DIESELRT3528 |
| Capacity Gallons: | 3000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T018 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | AT4031RT3528 |
| Capacity Gallons: | 7500 |
| UST Contents: | MIDGRADE UNLEADED |
| Other Content Info: | MIDGRADE UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| Name: | EL CAPITAN OIL COMPANY |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 92071 |
| Permit Number: | 119469 |
| Business Type: | 6HK78 |
| EPA Id Number: | CAL00023382 |
| APN: | 382-320-06-00 |
| Last HMMD Inspection: | 02/28/2008 |
| Facility Telephone: | 619-258-7113 |
| Permit Status: | CHNG |
| Permit Expiration: | 05/31/2008 |
| Date Last Updated: | 11/02/2012 |
| Facility Owner: | SAMAD ATTISHA |
| Facility Mailing Address: | 11427 WOODSIDE AV |
| Facility Mailing City: | SANTEE |
| Facility Mailing State: | CA |
| Facility Mailing Zip: | 92071-4725 |
| UST Owner: | LINDA WIGINGTON |
| Handle Regulated Hazmat: | Y |
| Own Or Operate UST: | Y |
| Subject To APSA: | Not reported |
| Generate Haz Waste: | Y |
| Treat Haz Waste: | Not reported |
| Generate Medical Waste: | Not reported |

UST:

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T001 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-1 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T002 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-2 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T003 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-3 |
| Capacity Gallons: | 6000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | 1977-01-01 00:00:00 |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T004 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | D-4 KEROSENE |
| Capacity Gallons: | 6000 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T005 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | R-1 |
| Capacity Gallons: | 7500 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY |

**DION & SONS, INC (Continued)** **S104749008**

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T006 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | UL-1 |
| Capacity Gallons: | 2015 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T007 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | 7 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | 1988-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | SUCTION |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T008 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 8 |
| Capacity Gallons: | 550 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T009 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Additional Id: | 9 |
| Capacity Gallons: | 880 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1988-05-25 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T010 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 010 WASTE OIL |
| Capacity Gallons: | 550 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | SINGLE WALL |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T011 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 011 PREMIUM |
| Capacity Gallons: | 2500 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T012 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | 012 WASTE OIL |
| Capacity Gallons: | 550 |
| UST Contents: | Not reported |
| Other Content Info: | GASOLINE & WASTE OIL |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 05 |
| UST Monitor Method: | SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR |
| UST Name: | UNDERGROUND TANK 119469 T013 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | REG UNLEADED |
| Capacity Gallons: | 4000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | Not reported |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31B |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ MECHANICAL FLOAT |
| UST Name: | UNDERGROUND TANK 119469 T014 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT 1976RT3528 |
| Capacity Gallons: | 8000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL FUEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |
| UST Name: | UNDERGROUND TANK 119469 T015 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528 |
| Capacity Gallons: | 4000 |
| UST Contents: | PREMIUM UNLEADED |
| Other Content Info: | PREMIUM UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T016 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976RT3528 |
| Capacity Gallons: | 5000 |
| UST Contents: | REGULAR UNLEADED |
| Other Content Info: | REGULAR UNLEADED |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T017 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | DOUBLE WALL |
| Additional Id: | NT1976 RED DIESELRT3528 |
| Capacity Gallons: | 3000 |
| UST Contents: | DIESEL |
| Other Content Info: | DIESEL |
| Reg Status: | ACTIVE |
| Remove Close Date: | Not reported |
| Year Installed: | 1997-01-01 00:00:00 |
| Pipe Type: | DOUBLE WALL |
| Delivery System: | PRESSURE |
| Monitor Code: | 31C |
| UST Monitor Method: | DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/STAND ALONE SENSOR |

| | |
|---|---|
| UST Name: | UNDERGROUND TANK 119469 T018 |
| Last Update: | 2012-11-02 14:17:38 |
| Permit Number: | 119469 |
| Tank Type: | SINGLE WALL |
| Additional Id: | AT4031RT3528 |
| Capacity Gallons: | 7500 |
| UST Contents: | MIDGRADE UNLEADED |
| Other Content Info: | MIDGRADE UNLEADED |
| Reg Status: | REMOVED |
| Remove Close Date: | 1998-04-29 00:00:00 |
| Year Installed: | Not reported |
| Pipe Type: | Not reported |
| Delivery System: | Not reported |
| Monitor Code: | 90 |
| UST Monitor Method: | NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION. |

CERS HAZ WASTE:

| | |
|---|---|
| Name: | DION & SONS, INC |
| Address: | 11427 WOODSIDE AVE |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 25329 |

**DION & SONS, INC (Continued)** **S104749008**

CERS ID: 10377226
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: DION & SONS, INC
Address: 11427 WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 25329
CERS ID: 10377226
CERS Description: Aboveground Petroleum Storage

Name: DION & SONS, INC
Address: 11427 WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 25329
CERS ID: 10377226
CERS Description: Underground Storage Tank

CERS:
Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Site ID: 187429
CERS ID: T0608144417
CERS Description: Cleanup Program Site

Coordinates:
Site ID: 187429
Facility Name: EL CAPITAN OIL COMPANY
Env Int Type Code: CPS
Program ID: T0608115165
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 32.850077
Longitude: -116.951158

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Site ID: 187429
CERS ID: T0608182940
CERS Description: Cleanup Program Site

Coordinates:
Site ID: 187429

**DION & SONS, INC (Continued)** **S104749008**

Facility Name: EL CAPITAN OIL COMPANY
Env Int Type Code: CPS
Program ID: T0608115165
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 32.850077
Longitude: -116.951158

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Site ID: 187429
CERS ID: T0608115165
CERS Description: Cleanup Program Site

Coordinates:
Site ID: 187429
Facility Name: EL CAPITAN OIL COMPANY
Env Int Type Code: CPS
Program ID: T0608115165
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 32.850077
Longitude: -116.951158

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Site ID: 187429
CERS ID: T0607303173
CERS Description: Leaking Underground Storage Tank Cleanup Site

Coordinates:

**DION & SONS, INC (Continued)** **S104749008**

Site ID: 187429
Facility Name: EL CAPITAN OIL COMPANY
Env Int Type Code: CPS
Program ID: T0608115165
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 32.850077
Longitude: -116.951158

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EL CAPITAN OIL
Address: 11427 WOODSIDE AVENUE
City,State,Zip: SANTEE, CA 92071-4725
Site ID: 466075
CERS ID: 110013862141
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ENVIR MGMT
Entity Title: Not reported
Affiliation Address: 11427 WOODSIDE AVE
Affiliation City: SANTEE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY SAN DIEGO CNTY LOP
Entity Title: Not reported
Affiliation Address: POBOX 129261
Affiliation City: SANDIEGO
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: DION & SONS, INC
Address: 11427 WOODSIDE AVE
City,State,Zip: SANTEE, CA 92071
Site ID: 25329
CERS ID: 10377226
CERS Description: Chemical Storage Facilities

**DION & SONS, INC (Continued)** **S104749008**

Violations:

| | |
|---|---|
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-28-2014 |
| Citation: | 19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3) |
| Violation Description: | Failure to complete and/or submit an annotated site map if required by CUPA. |
| Violation Notes: | Returned to compliance on 04/24/2014. Inspection Sequence ID:4967013 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

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|---|---|
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-01-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 03/19/2018. Inspection Sequence ID:5845592 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

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|---|---|
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-28-2014 |
| Citation: | 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c) |
| Violation Description: | Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. |
| Violation Notes: | Returned to compliance on 03/28/2014. Inspection Sequence ID:4967013;Tank ID:24501;Violation Description:Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. 23 CCR 16 2636(f)(2), 2666. |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | UST |
| Violation Source: | CERS, |

| | |
|---|---|
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-28-2014 |
| Citation: | 19 CCR 4 2729.2(a)(1) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(1) |
| Violation Description: | Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 04/24/2014. Inspection Sequence ID:4967013 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |

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|---|---|
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-29-2013 |
| Citation: | HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, |

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| | Section(s) 25292(e) |
| Violation Description: | Failure to maintain secondary containment, as evidenced by failure of secondary containment testing. |
| Violation Notes: | Returned to compliance on 07/01/2013. Inspection Sequence ID:4099111;Tank ID:24501,24502;Violation Description:Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.23 CCR 16 2662; HSC 6.7 25290.1(c)(2), 25290.2(c)(2), 25291(a), 25292(e) |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | UST |
| Violation Source: | CERS, |
| | |
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-28-2014 |
| Citation: | HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a) |
| Violation Description: | Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site. |
| Violation Notes: | Returned to compliance on 04/24/2014. Inspection Sequence ID:4967013 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-15-2019 |
| Citation: | HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2 |
| Violation Description: | "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. " |
| Violation Notes: | Returned to compliance on 03/25/2019. Inspection Sequence ID:6102734;Tank ID:24504;Violation Description:(TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | UST |
| Violation Source: | CERS, |
| | |
| Site ID: | 25329 |

**DION & SONS, INC (Continued)** **S104749008**

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|---|---|
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-01-2018 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | Inspection Sequence ID:5845592;Violation:HMD0138 Manifest signed by the TSDF not available for inspection. 22 CCR 66262.40(a); HSC 25185(a)(4) |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HW |
| Violation Source: | CERS, |
| | |
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-29-2013 |
| Citation: | 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1) |
| Violation Description: | Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected. |
| Violation Notes: | Returned to compliance on 07/01/2013. Inspection Sequence ID:4099111;Tank ID:24501,24504;Violation Description:Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected. 23 CCR 16 2636(f)(1) |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | UST |
| Violation Source: | CERS, |
| | |
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-10-2022 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Inspection Sequence ID:6885336 |
| Violation Division: | San Diego County Department of Env Health |
| Violation Program: | HMRRP |
| Violation Source: | CERS, |
| | |
| Site ID: | 25329 |
| Site Name: | DION & SONS, INC |
| Violation Date: | 03-29-2013 |
| Citation: | HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291 |
| Violation Description: | Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. |
| Violation Notes: | Returned to compliance on 07/01/2013. Inspection Sequence ID:4099111;Tank ID:24501,24504;Violation Description:Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 6.7 25290.1, 25290.2, 25291 |

**DION & SONS, INC (Continued)** **S104749008**

Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 25329
Site Name: DION & SONS, INC
Violation Date: 03-15-2019
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 04/02/2019. Inspection Sequence ID:6102734;Tank ID:24500,24501,24502,24503,24504;Violation Description:Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system. 23 CCR 2712(a)(b)(f)(i)(j)(k)
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 25329
Site Name: DION & SONS, INC
Violation Date: 03-29-2013
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Notes: Returned to compliance on 03/29/2013. Inspection Sequence ID:4099111;Tank ID:24500;Violation Description:Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. 23 CCR 16 2636(f)(2), 2666
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 25329
Site Name: DION & SONS, INC
Violation Date: 03-15-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes: Returned to compliance on 03/18/2019. Inspection Sequence ID:6102734;Violation:HMD1604 Failed to maintain secondary containment empty. 22 CCR 66265.196(b) and (c); 66265.194(c)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 25329
Site Name: DION & SONS, INC
Violation Date: 03-28-2014
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to prepare, maintain, and submit accurate CUPA UST Operating Permit Application for Facility information and/or Tank information.
Violation Notes: Returned to compliance on 04/24/2014. Inspection Sequence ID:4967013;Tank ID:24500,24501,24502,24503,24504;Violation

**DION & SONS, INC (Continued)** **S104749008**

Description:Failure to prepare, maintain, and submit accurate CUPA UST Operating Permit Application for Facility information and/or Tank information. 23 CCR 16 2711; HSC 6.7 25286(a)
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 25329
Site Name: DION & SONS, INC
Violation Date: 03-02-2016
Citation: 23 CCR 16 2636(f)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(5)
Violation Description: Failure to maintain all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when a leak is detected in the under dispenser containment.
Violation Notes: Returned to compliance on 03/09/2016. Inspection Sequence ID:5240481;Tank ID:24504,24503,24502,24501,24500;Violation Description:Failure to maintain all product piping outside the dispenser to be fail-safe & shut down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when a leak is detected in the under dispenser containment. 23 CCR 2636(f)(5)
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 25329
Site Name: DION & SONS, INC
Violation Date: 03-10-2022
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes: Returned to compliance on 03/10/2022. Inspection Sequence ID:6885336;Tank ID:24504;Violation Description:(TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2
Violation Division: San Diego County Department of Env Health
Violation Program: UST

**DION & SONS, INC (Continued)** **S104749008**

Violation Source: CERS,

Site ID: 25329
Site Name: DION & SONS, INC
Violation Date: 03-01-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 03/01/2018. Inspection Sequence ID:5845592;Tank ID:24500,24501,24502,24503,24504;Violation Description:(RP) Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity; and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 23 CCR 2635(b)(2), 2665
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Archer Veronica Inspection ID:5845592
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5240481
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Eval Date: | 03-07-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Khan Steven Inspection ID:5605805 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-07-2017 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Khan Steven Inspection ID:5605805 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | UST |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-10-2022 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Halsey Christopher Inspection ID:6885336 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-15-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Archer Veronica Inspection ID:6102734 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HW |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-26-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Garchitorena Bobby Inspection ID:5160972 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | APSA |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-29-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector: Herrera Zoraida Inspection ID:4099111 |
| Eval Division: | San Diego County Department of Env Health |
| Eval Program: | HMRRP |
| Eval Source: | CERS, |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-29-2013 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**DION & SONS, INC (Continued)** **S104749008**

Eval Notes: Inspector: Herrera Zoraida Inspection ID:4099111
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Archer Veronica Inspection ID:5845592
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Archer Veronica Inspection ID:5845592
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5240481
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5240481
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Halsey Christopher Inspection ID:6885336
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Archer Veronica Inspection ID:6102734
Eval Division: San Diego County Department of Env Health
Eval Program: APSA

**DION & SONS, INC (Continued)** **S104749008**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Archer Veronica Inspection ID:6102734
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5160972
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4967013
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-06-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: "No On-site Inspection" Inspector: Fernandez Juan Inspection ID:6389083
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Khan Steven Inspection ID:5605805
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5451466
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

**DION & SONS, INC (Continued)** **S104749008**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Halsey Christopher Inspection ID:6885336
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Halsey Christopher Inspection ID:6885336
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Archer Veronica Inspection ID:6102734
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4967013
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Herrera Zoraida Inspection ID:4099111
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Archer Veronica Inspection ID:5845592
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2016
Violations Found: No

**DION & SONS, INC (Continued)** **S104749008**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5240481
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-07-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Khan Steven Inspection ID:5605805
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: "No On-site Inspection" Inspector: Fernandez Juan Inspection ID:6586809
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5160972
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:5160972
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4967013
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 25329
Facility Name: DION & SONS, INC
Env Int Type Code: HWG
Program ID: 10377226

**DION & SONS, INC (Continued)** **S104749008**

Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 32.850170
Longitude: -116.951610

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1543 W 16TH ST
Affiliation City: LONG BEACH
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90813
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Randy Rockwell
Entity Title: General Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Dion & Sons, Inc.
Entity Title: Not reported
Affiliation Address: 1543 W. 16TH ST.
Affiliation City: LONG BEACH
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90813
Affiliation Phone: (619) 258-7113,

Affiliation Type Desc: Operator
Entity Name: Dion & Sons, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 258-7113,

Affiliation Type Desc: UST Permit Applicant
Entity Name: Randy Rockwell
Entity Title: General Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (619) 582-6415,

Affiliation Type Desc: UST Property Owner Name

**DION & SONS, INC (Continued)** **S104749008**

| | |
|---|---|
| Entity Name: | Dion & Sons, Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | 1543 W. 16th St. |
| Affiliation City: | Long Beach |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 90813 |
| Affiliation Phone: | (562) 432-3946, |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Mark Hein |
| Entity Title: | Not reported |
| Affiliation Address: | 1543 W 16TH ST |
| Affiliation City: | LONG BEACH |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90813 |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | REG Marketing & Logistics Group, LLC |
| Entity Title: | Not reported |
| Affiliation Address: | 416 South Bell Ave. |
| Affiliation City: | Ames |
| Affiliation State: | IA |
| Affiliation Country: | United States |
| Affiliation Zip: | 50010-711 |
| Affiliation Phone: | (515) 239-8000, |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | San Diego County Env Health Qlty |
| Entity Title: | Not reported |
| Affiliation Address: | PO Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 92112-9261 |
| Affiliation Phone: | (858) 505-6880, |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | RANDY ROCKWELL |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Dion & Sons, Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**DION & SONS, INC (Continued)** **S104749008**

Affiliation Phone: ,

Affiliation Type Desc: UST Tank Operator
Entity Name: Dion & Sons, Inc
Entity Title: Not reported
Affiliation Address: 11427 Woodside Ave
Affiliation City: Santee
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92071
Affiliation Phone: (619) 582-6415,

Affiliation Type Desc: UST Tank Owner
Entity Name: Dion & Sons, Inc.
Entity Title: Not reported
Affiliation Address: 1543 W. 16th St.
Affiliation City: Long Beach
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90813
Affiliation Phone: (562) 432-3946,

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**S104** **ANTHONY T. DITTY** **LUST** **S101301751**
**ENE** **11427 WOODSIDE AVE** **CPS-SLIC** **N/A**
**1/4-1/2** **SANTEE, CA 92071** **AST**
**0.395 mi.** **Cortese**
**2085 ft.** **Site 2 of 2 in cluster S** **HIST CORTESE**
**SAN DIEGO CO LOP**
**Relative:** **CERS**
**Higher**

**Actual:** LUST REG 9:
**369 ft.**

Region: 9
Status: Remediation Plan
Case Number: 9UT938
Local Case: H19469-001
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Subsurface Monitoring
How Stopped: Not reported
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 03/22/1988
Date Stopped: 05/25/1988
Confirm Date: 05/25/1988
Submit Workplan: Not reported
Prelim Assess: 03/22/1988
Desc Pollution: Not reported
Remed Plan: 12/20/1988
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 03/22/1988
Enforce Date: Not reported
Closed Date: Not reported

**ANTHONY T. DITTY (Continued)** **S101301751**

Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 907.12
GW Depth: Not reported
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 2A
File Dispn: Not reported
Interim Remedial Actions: No
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

CPS-SLIC:
Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 10/01/1999
Global Id: T0608144417
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H19469-004
Latitude: 32.850077
Longitude: -116.951158
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Name: EL CAPITAN OIL COMPANY
Address: 11427 WOODSIDE AV
City,State,Zip: SANTEE, CA 920714725
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 12/18/1997
Global Id: T0608182940
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H19469-003
Latitude: 32.850077
Longitude: -116.951158
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**ANTHONY T. DITTY (Continued)** **S101301751**

| | |
|---|---|
| Name: | EL CAPITAN OIL COMPANY |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 920714725 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 04/08/1996 |
| Global Id: | T0608115165 |
| Lead Agency: | SAN DIEGO COUNTY LOP |
| Lead Agency Case Number: | H19469-002 |
| Latitude: | 32.850077 |
| Longitude: | -116.951158 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | Not reported |
| File Location: | Local Agency |
| Potential Media Affected: | Not reported |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

| | |
|---|---|
| Name: | DION & SONS |
| Address: | 11427 WOODSIDE AVENUE |
| City,State,Zip: | SANTEE, CA 92071 |
| Region: | STATE |
| **Facility Status:** | **Open - Site Assessment** |
| Status Date: | 09/11/2012 |
| Global Id: | T10000004271 |
| Lead Agency: | SAN DIEGO COUNTY LOP |
| Lead Agency Case Number: | H19469-005 |
| Latitude: | 32.8501549118221 |
| Longitude: | -116.951265335083 |
| Case Type: | Cleanup Program Site |
| Case Worker: | EM |
| Local Agency: | SAN DIEGO COUNTY LOP |
| RB Case Number: | Not reported |
| File Location: | Local Agency |
| Potential Media Affected: | Not reported |
| Potential Contaminants of Concern: | Diesel |
| Site History: | This is a new VAP case for a release from an AST system. This section will be updated as data is received. |

Click here to access the California GeoTracker records for this facility:

AST:

| | |
|---|---|
| Name: | EL CAPITAN OIL COMPANY |
| Address: | 11427 WOODSIDE AV |
| City/Zip: | SANTEE, |
| Certified Unified Program Agencies: | San Diego |
| Owner: | SAMAD ATTISHA |
| Total Gallons: | 72970 |
| CERSID: | Not reported |
| Facility ID: | Not reported |
| Business Name: | Not reported |
| Phone: | Not reported |
| Fax: | Not reported |

**ANTHONY T. DITTY (Continued)** **S101301751**

| | |
|---|---|
| Mailing Address: | Not reported |
| Mailing Address City: | Not reported |
| Mailing Address State: | Not reported |
| Mailing Address Zip Code: | Not reported |
| Operator Name: | Not reported |
| Operator Phone: | Not reported |
| Owner Phone: | Not reported |
| Owner Mail Address: | Not reported |
| Owner State: | Not reported |
| Owner Zip Code: | Not reported |
| Owner Country: | Not reported |
| Property Owner Name: | Not reported |
| Property Owner Phone: | Not reported |
| Property Owner Mailing Address: | Not reported |
| Property Owner City: | Not reported |
| Property Owner Stat : | Not reported |
| Property Owner Zip Code: | Not reported |
| Property Owner Country: | Not reported |
| EPAID: | Not reported |

CORTESE:

| | |
|---|---|
| Name: | EL CAPITAN OIL COMPANY |
| Address: | 11427 WOODSIDE AV |
| City,State,Zip: | SANTEE, CA 920714725 |
| Region: | CORTESE |
| Envirostor Id: | Not reported |
| Global ID: | T0607303173 |
| Site/Facility Type: | LUST CLEANUP SITE |
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

HIST CORTESE:

| | |
|---|---|
| edr_fname: | ANTHONY T. DITTY |
| edr_fadd1: | 11427 WOODSIDE |
| City,State,Zip: | LAKESIDE, CA 92071 |
| Region: | CORTESE |
| Facility County Code: | 37 |
| Reg By: | LTNKA |
| Reg Id: | 9UT938 |

**ANTHONY T. DITTY (Continued)** **S101301751**

SAN DIEGO CO LOP:

| | |
|---|---|
| Name: | EL CAPITAN OIL COMPANY |
| Address: | 11427 WOODSIDE AVE |
| City,State,Zip: | SANTEE, CA 92071 |
| Record ID: | DEH1988-LSAM-H19469-001 |
| Record Status: | Completed |
| Opened Date: | 03/02/1988 |
| Parcel Number: | 382-320-06-00 |
| Case Type: | LOP - Local Oversight Program |
| Historical Name: | BUY WRIGHT OIL/EL CAPITAN OIL |
| SWRCB Global ID: | T0607303173 |
| Funding: | S - LOP State Fund |
| Lead Agency: | DEH/SAM |
| Lead Agency Date: | 03/22/1988 |
| Census Tract: | 167.01 |
| Community: | Santee |
| Jurisdiction: | SANTEE |
| Watershed Basin Number: | 907.12 |
| Water Purveyor: | PADRE DAM MUNICIPAL WATER DISTRICT |
| Fire Agency: | PADRE DAM MUNICIPAL WATER DISTRICT |
| Latitude: | 32.8500941 |
| Longitude: | -116.9511517 |
| X MapCoord: | 6346331.523 |
| Y MapCoord: | 1889808.102 |

CERS:

| | |
|---|---|
| Name: | DION & SONS |
| Address: | 11427 WOODSIDE AVENUE |
| City,State,Zip: | SANTEE, CA 92071 |
| Site ID: | 255020 |
| CERS ID: | T10000004271 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | EWAN MOFFAT - SAN DIEGO COUNTY LOP |
| Entity Title: | Not reported |
| Affiliation Address: | P.O. Box 129261 |
| Affiliation City: | San Diego |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | , |

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**T105** **SANTEE ARMY CAMP** **ENVIROSTOR** **S107737292**
**SSW** **N/A**
**1/2-1** **SANTEE, CA**
**0.755 mi.**
**3988 ft.** **Site 1 of 2 in cluster T**

**Relative:**
**Higher**

**Actual:**
**376 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | SANTEE ARMY CAMP |
| Address: | Not reported |
| City,State,Zip: | SANTEE, CA |
| Facility ID: | 80000969 |
| Status: | Inactive - Needs Evaluation |

**SANTEE ARMY CAMP (Continued)** **S107737292**

| | |
|---|---|
| Status Date: | 07/01/2005 |
| Site Code: | Not reported |
| Site Type: | Military Evaluation |
| Site Type Detailed: | FUDS |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Not reported |
| Supervisor: | Douglas Bautista |
| Division Branch: | Cleanup Cypress |
| Assembly: | 71 |
| Senate: | 38 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | DERA |
| Latitude: | 32.8375 |
| Longitude: | -116.9666 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CA99799FA35200 |
| Alias Type: | Federal Facility ID |
| Alias Name: | J09CA7323 |
| Alias Type: | INPR |
| Alias Name: | 80000969 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Inventory Project Report (INPR) |
| Completed Date: | 09/21/1999 |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

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**T106** **ARMY CAMP (SANTEE)** **FUDS** **1024904003**
**SSW** **N/A**
**1/2-1** **SANTEE, CA**
**0.757 mi.**
**3997 ft.** **Site 2 of 2 in cluster T**

**Relative:**
**Higher**

**Actual:**
**376 ft.**

FUDS:

| | |
|---|---|
| EPA Region: | 9 |
| Installation ID: | CA99799FA35200 |
| Congressional District Number: | 50 |

**ARMY CAMP (SANTEE) (Continued)** **1024904003**

| | |
|---|---|
| Name: | ARMY CAMP (SANTEE) |
| FUDS Number: | J09CA7323 |
| City: | SANTEE |
| State: | CA |
| County: | SAN DIEGO |
| Object ID: | 9117 |
| USACE Division: | SPD |
| USACE District: | Los Angeles District (SPL) |
| Status: | Properties without projects |
| Current Owner: | Not reported |
| EMS Map Link: | https://fudsportal.usace.army.mil/ems/inventory/map?id=62916 |
| Eligibility: | Eligible |
| Has Projects: | No |
| NPL Status: | Not on the NPL |
| Property History: | The Army acquired the use of the Santee Camp through unknown means sometime in 1941. There are no records of the camp's existence after 1943. The Army used an existing structure, built in approximately 1915, as a headquarters building. The quartermaster units stationed at the camp lived in tents, which were located on the north side and on the east side of the headquarters building. There may also have been tents located to the south of the headquarters building. First-hand witnesses of the camp suggested that the site was used as a fuel depot for Army trucks. The former headquarters building still exists, and is now used as a restaurant. Except for a small field to the south of the headquarters structure, the entire site has been developed into a commercial area. Other than the restaurant building, no other military improvements remain on the property. |
| Project Required: | No |
| Feature Description: | Not reported |
| Latitude: | 32.8375 |
| Longitude: | -116.96666667 |

---

**U107** **DAVE'S AUTO SERVICE** **HIST Cal-Sites** **S102860941**
**SW** **10438 MISSION GORGE ROAD** **N/A**
**1/2-1** **SANTEE, CA 92071**
**0.812 mi.**
**4290 ft.** **Site 1 of 2 in cluster U**

**Relative:** **Higher**
**Actual:** **363 ft.**

Calsite:

| | |
|---|---|
| Name: | DAVE'S AUTO SERVICE |
| Address: | 10438 MISSION GORGE ROAD |
| City: | SANTEE |
| Region: | CYPRESS |
| Facility ID: | 37750003 |
| Facility Type: | RP |
| Type: | RESPONSIBLE PARTY |
| Branch: | SB |
| Branch Name: | SO CAL - CYPRESS |
| File Name: | Not reported |
| State Senate District: | 07302003 |
| Status: | CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT |
| Status Name: | CERTIFIED |
| Lead Agency: | DEPT OF TOXIC SUBSTANCES CONTROL |
| NPL: | Not Listed |
| SIC Code: | 75 |
| SIC Name: | AUTO REPAIR, SERVICES & PARKING |
| Access: | Not reported |

**DAVE'S AUTO SERVICE (Continued)** **S102860941**

| | |
|---|---|
| Cortese: | Not reported |
| Hazardous Ranking Score: | Not reported |
| Date Site Hazard Ranked: | Not reported |
| Groundwater Contamination: | Not reported |
| Staff Member Responsible for Site: | JCULLY |
| Supervisor Responsible for Site: | Not reported |
| Region Water Control Board: | SD |
| Region Water Control Board Name: | SAN DIEGO |
| Lat/Long Direction: | Not reported |
| Lat/Long (dms): | 0 0 0 / 0 0 0 |
| Lat/long Method: | Not reported |
| Lat/Long Description: | Not reported |
| State Assembly District Code: | 77 |
| State Senate District Code: | 36 |
| Facility ID: | 37750003 |
| Activity: | DISC |
| Activity Name: | DISCOVERY |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 11081995 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 37750003 |
| Activity: | SS |
| Activity Name: | SITE SCREENING |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 12201995 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |

**DAVE'S AUTO SERVICE (Continued)** **S102860941**

| | |
|---|---|
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 37750003 |
| Activity: | PEA |
| Activity Name: | PRELIMINARY ENDANGERMENT ASSESSMENT |
| AWP Code: | PASI |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 08021999 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 37750003 |
| Activity: | ORDER |
| Activity Name: | I/SE, IORSE, FFA, FFSRA, VCA, EA |
| AWP Code: | ISED |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 12222000 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 37750003 |
| Activity: | RAW |
| Activity Name: | REMOVAL ACTION WORKPLAN |
| AWP Code: | Not reported |

**DAVE'S AUTO SERVICE (Continued)** **S102860941**

| | |
|---|---|
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 04102003 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 37750003 |
| Activity: | RA |
| Activity Name: | REMOVAL ACTION |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 06272003 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 172 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | N |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 1 |
| Unknown Type: | 0 |
| Facility ID: | 37750003 |
| Activity: | CERT |
| Activity Name: | CERTIFICATION |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 07302003 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |

**DAVE'S AUTO SERVICE (Continued)** **S102860941**

| | |
|---|---|
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 37750003 |
| Activity: | PEA |
| Activity Name: | PRELIMINARY ENDANGERMENT ASSESSMENT |
| AWP Code: | PEAE |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 11152002 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Alternate Address: | 10438 MISSION GORGE ROAD |
| Alternate City,St,Zip: | SANTEE, CA 92071 |
| Background Info: | Richard Storrs has leased the entire property from Lloyd Parson and Lloyd and Rose E. Parsons Trust since 1970. David Tucker subleased a portion of this property from Mr. Storrs from 1985 to 1986, and again from 1987 to 1993, and used the building as a radiator repair shop. After the sublease expired in 1993, Mr. Storrs and Mr. Tucker entered into a 20-year sublease agreement for the radiator shop. In 1993, Mr. Storrs evicted Mr. Tucker for nonpayment of rent. |
| | Not reported |
| | Three businesses currently operate on the Site. These include: 1) Conceptions Retail Store (a toy and baby supply store), 2) Import Auto Tech, and 3) Chi Li Auto Center (Parker Properties, 2002). Conceptions Retail Store used to be a Sewing and Vacuum shop. The parking lot for Conceptions Retail Store is in the southeast portion of the Site. Previously, there was a J.T. Diesel in the northern portion of the site, and Brake Depot was there prior to that. J.T. Diesel was east of Chi Li Auto Center, northeast of Conceptions Retail Store, south of the former sump, and southwest of the section of bare soil in the northeast corner of the Site. This portion of the site is now |

**DAVE'S AUTO SERVICE (Continued)** **S102860941**

vacant. The cars that were being serviced by J.T. Diesel were parked on the Site, in the eastern portion of the site, east of J.T. Diesel. The employees of Chi Li Auto Center park on an adjacent property immediately east of the site.

Comments Date: 06272003
Comments: amount excavated was 224 tons, or an estimated 172 cubic yards.
Comments Date: 04102003
Comments: The Removal Action Workplan was approved for the excavation of
Comments Date: 04102003
Comments: approximately 180 cubic yards of soil contaminated with lead
Comments Date: 04102003
Comments: and cadmium from this site and adjacent areas and the disposal
Comments Date: 04102003
Comments: of this soil to a permitted disposal facility.
Comments Date: 04262001
Comments: Samples taken at the site using an XRF. Found up to 38,000
Comments Date: 04262001
Comments: ppm. of lead.
Comments Date: 05251999
Comments: Performed site visit as part of PA, and took samples. Found
Comments Date: 05251999
Comments: lead as high as 11,000 ppm.
Comments Date: 06231999
Comments: Mailed PA package to U.S. EPA.
Comments Date: 06272003
Comments: Lead and cadmium-contaminated soil was excavated and removed to
Comments Date: 06272003
Comments: a permitted disposal facility. Cleanup was completed to a
Comments Date: 06272003
Comments: residential standard. All confirmation samples were below the
Comments Date: 07302003
Comments: The Department has determined that all appropriate response
Comments Date: 07302003
Comments: actions have been completed, that all acceptable engineering
Comments Date: 07302003
Comments: practices were implemented and that no further removal/remedial
Comments Date: 07302003
Comments: action is necessary.
Comments Date: 08021999
Comments: Completed a Preliminary Assessment with sampling for this site.
Comments Date: 08021999
Comments: It was approved by U.S.EPA on August 2, 1999.
Comments Date: 09252001
Comments: DTSC's contractor Tetra-tech submitted a report of soil
Comments Date: 09252001
Comments: sampling. Found up to approximately 1,000 mg./kg lead.
Comments Date: 09252001
Comments: Tetra-tech will take more surface samples and prepare a
Comments Date: 09252001
Comments: Removal Action Workplan.
Comments Date: 10191998
Comments: Changed the site status from PEAR to PEAP.
Comments Date: 10222002
Comments: Tetra Tech, the contractor, submitted the latest version of
Comments Date: 10222002
Comments: the RAW. With minor variations, DTSC has approved it.
Comments Date: 11081995

**DAVE'S AUTO SERVICE (Continued)** **S102860941**

| | |
|---|---|
| Comments: | Release discovered, date of release is unknown. |
| Comments Date: | 11081995 |
| Comments: | Lab reports show Lead contamination in soil, 971 mg/kg. |
| Comments Date: | 11152002 |
| Comments: | Through its contractor DTSC completed a site investigation |
| Comments Date: | 11152002 |
| Comments: | report as part of the second phase of a remedial investigation |
| Comments Date: | 11152002 |
| Comments: | for this site. |
| Comments Date: | 12201995 |
| Comments: | PEA required letter sent to Dave's Auto Service. |
| Comments Date: | 12201995 |
| Comments: | Not reported |
| Comments Date: | 12201995 |
| Comments: | Contacts: |
| Comments Date: | 12201995 |
| Comments: | Dave's Auto Service: Dave Tucker (619) 562-5432 |
| Comments Date: | 12201995 |
| Comments: | Consultant: Safety Compliance Inc |
| Comments Date: | 12201995 |
| Comments: | Charles Ferguson (619) 449-5969 |
| Comments Date: | 12201995 |
| Comments: | Not reported |
| Comments Date: | 12201995 |
| Comments: | Radiator repair process tank (above ground) possibly used |
| Comments Date: | 12201995 |
| Comments: | by previous operator (Storr's Auto Repair) indications of |
| Comments Date: | 12201995 |
| Comments: | leakage on-site running off-site at rear. Private |
| Comments Date: | 12201995 |
| Comments: | residence across alley way in rear. |
| Comments Date: | 12201995 |
| Comments: | No action taken as yet. SD County and RWQCB notified. |
| Comments Date: | 12222000 |
| Comments: | I &SE Determination issued. |
| Comments Date: | 06272003 |
| Comments: | action levels of 147 mg/kg lead and 1.4 mg/kg cadmium. Total |
| ID Name: | CALSTARS CODE |
| ID Value: | 400713 |
| Alternate Name: | DAVE'S AUTO SERVICE |
| Alternate Name: | Not reported |
| Special Programs Code: | Not reported |
| Special Programs Name: | Not reported |

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**U108** **DAVE'S AUTO SERVICE** **RESPONSE** **S108744490**
**SW** **10438 MISSION GORGE ROAD** **ENVIROSTOR** **N/A**
**1/2-1** **SANTEE, CA 92071** **LIENS**
**0.812 mi.**
**4290 ft.** **Site 2 of 2 in cluster U**

**Relative:** **Higher**
**Actual:** **363 ft.**

RESPONSE:

| | |
|---|---|
| Name: | DAVE'S AUTO SERVICE |
| Address: | 10438 MISSION GORGE ROAD |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility ID: | 37750003 |
| Site Type: | State Response |
| Site Type Detail: | State Response or NPL |
| Acres: | 0.55 |

**DAVE'S AUTO SERVICE (Continued)** **S108744490**

| | |
|---|---|
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Joseph Cully |
| Supervisor: | Douglas Bautista |
| Division Branch: | Cleanup Cypress |
| Site Code: | 400713 |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Assembly: | 71 |
| Senate: | 38 |
| Special Program Status: | Not reported |
| Status: | Certified |
| Status Date: | 07/30/2003 |
| Restricted Use: | NO |
| Funding: | Orphan Funds |
| Latitude: | 32.83868 |
| Longitude: | -116.9699 |
| APN: | NONE SPECIFIED |
| Past Use: | VEHICLE MAINTENANCE |
| Potential COC : | Lead |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | SOIL |
| Alias Name: | 110033616638 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 400713 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 37750003 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Lien Satisfaction |
| Completed Date: | 02/07/2013 |
| Comments: | Even though the property owners have not paid for DTSC's costs, DTSC is releasing the lien from the property because the statute of limitations have been exceeded. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Fact Sheets |
| Completed Date: | 07/31/2001 |
| Comments: | Not reported |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Preliminary Assessment Report |
| Completed Date: | 08/02/1999 |
| Comments: | Completed a Preliminary Assessment with sampling for this site. It was approved by U.S. EPA on August 2, 1999. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Remedial Investigation Workplan |
| Completed Date: | 05/03/2001 |
| Comments: | Consultant sent final RI workplan, dated May 3, 2001, to DTSC. |
| Completed Area Name: | PROJECT WIDE |

**DAVE'S AUTO SERVICE (Continued)** **S108744490**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/15/2004
Comments: Field visit was performed on October 15, 2004.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/28/2003
Comments: Fact sheet dated February, 2003 was released in English and Spanish.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/15/2002
Comments: Approved Site Investigation Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 09/03/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 05/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/30/2003
Comments: The Department has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 12/22/2000
Comments: I &SE Determination issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 11/08/1995
Comments: Release discovered, date of release is unknown. Lab reports show Lead contamination in soil, 971 mg/kg.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/10/2003
Comments: The Removal Action Workplan was approved for the excavation of approximately 180 cubic yards of soil contaminated with lead and cadmium from this site and adjacent areas and the disposal of this

**DAVE'S AUTO SERVICE (Continued)** **S108744490**

soil to a permitted disposal facility.

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Removal Action Completion Report |
| Completed Date: | 06/27/2003 |
| Comments: | Lead and cadmium-contaminated soil was excavated and removed to a permitted disposal facility. Cleanup was completed to a residential standard. All confirmation samples were below the action levels of 147 mg/kg lead and 1.4 mg/kg cadmium. Total amount excavated was 224 tons, or an estimated 172 cubic yards. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Screening |
| Completed Date: | 12/20/1995 |
| Comments: | PEA required letter sent to Dave's Auto Service. Contacts: Dave's Auto Service: Dave Tucker (619) 562-5432 Consultant: Safety Compliance Inc Charles Ferguson (619) 449-5969 Radiator repair process tank (above ground) possibly used by previous operator (Storr's Auto Repair) indications of leakage on-site running off-site at rear. Private residence across alley way in rear. No action taken as yet. SD County and RWQCB notified. |

| | |
|---|---|
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

ENVIROSTOR:

| | |
|---|---|
| Name: | DAVE'S AUTO SERVICE |
| Address: | 10438 MISSION GORGE ROAD |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility ID: | 37750003 |
| Status: | Certified |
| Status Date: | 07/30/2003 |
| Site Code: | 400713 |
| Site Type: | State Response |
| Site Type Detailed: | State Response or NPL |
| Acres: | 0.55 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Joseph Cully |
| Supervisor: | Douglas Bautista |
| Division Branch: | Cleanup Cypress |
| Assembly: | 71 |
| Senate: | 38 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Orphan Funds |

**DAVE'S AUTO SERVICE (Continued)** **S108744490**

Latitude: 32.83868
Longitude: -116.9699
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: 110033616638
Alias Type: EPA (FRS #)
Alias Name: 400713
Alias Type: Project Code (Site Code)
Alias Name: 37750003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien Satisfaction
Completed Date: 02/07/2013
Comments: Even though the property owners have not paid for DTSC's costs, DTSC is releasing the lien from the property because the statute of limitations have been exceeded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/31/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/02/1999
Comments: Completed a Preliminary Assessment with sampling for this site. It was approved by U.S. EPA on August 2, 1999.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/03/2001
Comments: Consultant sent final RI workplan, dated May 3, 2001, to DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/15/2004
Comments: Field visit was performed on October 15, 2004.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/28/2003
Comments: Fact sheet dated February, 2003 was released in English and Spanish.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/15/2002

**DAVE'S AUTO SERVICE (Continued)** **S108744490**

| | |
|---|---|
| Comments: | Approved Site Investigation Report. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Letter - Notice |
| Completed Date: | 09/03/2009 |
| Comments: | Not reported |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Lien |
| Completed Date: | 05/24/2010 |
| Comments: | Not reported |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Certification |
| Completed Date: | 07/30/2003 |
| Comments: | The Department has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Imminent and/or Subst. Endangerment Determination |
| Completed Date: | 12/22/2000 |
| Comments: | I &SE Determination issued. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | * Discovery |
| Completed Date: | 11/08/1995 |
| Comments: | Release discovered, date of release is unknown. Lab reports show Lead contamination in soil, 971 mg/kg. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Removal Action Workplan |
| Completed Date: | 04/10/2003 |
| Comments: | The Removal Action Workplan was approved for the excavation of approximately 180 cubic yards of soil contaminated with lead and cadmium from this site and adjacent areas and the disposal of this soil to a permitted disposal facility. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Removal Action Completion Report |
| Completed Date: | 06/27/2003 |
| Comments: | Lead and cadmium-contaminated soil was excavated and removed to a permitted disposal facility. Cleanup was completed to a residential standard. All confirmation samples were below the action levels of 147 mg/kg lead and 1.4 mg/kg cadmium. Total amount excavated was 224 tons, or an estimated 172 cubic yards. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Screening |

**DAVE'S AUTO SERVICE (Continued)** **S108744490**

Completed Date: 12/20/1995
Comments: PEA required letter sent to Dave's Auto Service. Contacts: Dave's Auto Service: Dave Tucker (619) 562-5432 Consultant: Safety Compliance Inc Charles Ferguson (619) 449-5969 Radiator repair process tank (above ground) possibly used by previous operator (Storr's Auto Repair) indications of leakage on-site running off-site at rear. Private residence across alley way in rear. No action taken as yet. SD County and RWQCB notified.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LIENS:
Name: DAVE'S AUTO SERVICE
City,State,Zip: SANTEE, CA 92071
Envirostor Id: 37750003
Latitude: 32.838684
Longitude: -116.96990
Project Mgr: JOSEPH CULLY
Project Code: 400713
If Satisfied: YES
Date Satisfied: 2/7/2013
Site Status: CERTIFIED
Site Type: STATE RESPONSE OR NPL
Completed: 05/24/2010
Lien Amount: $502,417.55
Amount Remaining: Not reported
APNS: Not reported
Description: Richard Storrs has leased the entire property from Lloyd Parson and Lloyd and Rose E. Parsons Trust since 1970. David Tucker subleased a portion of this property from Mr. Storrs from 1985 to 1986, and again from 1987 to 1993, and used the building as a radiator repair shop. After the sublease expired in 1993, Mr. Storrs and Mr. Tucker entered into a 20-year sublease agreement for the radiator shop. In 1993, Mr. Storrs evicted Mr. Tucker for nonpayment of rent. A Remedial Investigation was performed at the site, and later a Removal Action Workplan, for the removal of soil contaminated with lead for both the Parsons property and an adjacent property which had also been contaminated. Teh Removal Action was completed, andt he site has been certified.

**109 NW 1/2-1 0.831 mi. 4389 ft.**

**SANTANA HIGH SCHOOL**
**9915 MAGNOLIA AVENUE**
**SANTEE, CA 92071**

**ENVIROSTOR SCH CERS**

**S103677965 N/A**

**Relative: Higher**

**Actual: 383 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | SANTANA HIGH SCHOOL |
| Address: | 9915 MAGNOLIA AVENUE |
| City,State,Zip: | SANTEE, CA 92071 |
| Facility ID: | 60000859 |
| Status: | Inactive - Withdrawn |
| Status Date: | 09/23/2008 |
| Site Code: | 404785 |
| Site Type: | School Investigation |
| Site Type Detailed: | School |
| Acres: | 1 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Aslam Shareef |
| Supervisor: | Shahir Haddad |
| Division Branch: | Southern California Schools & Brownfields Outreach |
| Assembly: | 71 |
| Senate: | 38 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | School District |
| Latitude: | 32.85733 |
| Longitude: | -116.9710 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | 404785 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000859 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Phase 1 |
| Completed Date: | 05/19/2008 |
| Comments: | Not reported |
| | |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Cost Recovery Closeout Memo |
| Completed Date: | 09/23/2008 |
| Comments: | Not reported |
| | |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |

**SANTANA HIGH SCHOOL (Continued)** **S103677965**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: SANTANA HIGH SCHOOL
Address: 9915 MAGNOLIA AVENUE
City,State,Zip: SANTEE, CA 92071
Facility ID: 60000859
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Aslam Shareef
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404785
Assembly: 71
Senate: 38
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 09/23/2008
Restricted Use: NO
Funding: School District
Latitude: 32.85733
Longitude: -116.9710
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 404785
Alias Type: Project Code (Site Code)
Alias Name: 60000859
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/19/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/23/2008
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

**SANTANA HIGH SCHOOL (Continued)** **S103677965**

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:
Name: SANTANA HIGH SCHOOL
Address: 9915 MAGNOLIA AVENUE
City,State,Zip: SANTEE, CA 92071
Site ID: 610016
CERS ID: 60000859
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Shahir Haddad
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Lead Project Manager
Entity Name: Aslam Shareef
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

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**110 WSW 1/2-1 0.841 mi. 4438 ft.** **EDGEMORE HOSPITAL** **Notify 65** **S100178162 N/A**

**SANTEE, CA**

**Relative: Lower**

**Actual: 350 ft.**

NOTIFY 65:
Name: EDGEMORE HOSPITAL
Address: Not reported
City,State,Zip: SANTEE, CA
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

Count: 2 records. ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| LAKESIDE | S126984237 | KEPHART DUMP | SAN DIEGO EUCALYPTUS LANDS | 92040 | SWF/LF |
| LAKESIDE | S105298892 | ARCO FACILITY NO. 9760 | WOODSIDE AV | 92040 | San Diego Co. HMMD |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

***Lists of Federal NPL (Superfund) sites***

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Quarterly

***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Quarterly

***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

***Federal institutional controls / engineering controls registries***

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/19/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 71

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/09/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 81

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Quarterly

***Lists of state and tribal leaking storage tanks***

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

***Lists of state and tribal registered storage tanks***

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/01/2022
Date Data Arrived at EDR: 06/09/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

***Lists of state and tribal voluntary cleanup sites***

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

***Lists of state and tribal brownfield sites***

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/21/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 08/12/2022
Date Data Arrived at EDR: 08/16/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

***Local Lists of Registered Storage Tanks***

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 76

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

***Local Land Records***

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

***Records of Emergency Release Reports***

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/03/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/11/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 73

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/12/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 11
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/10/2022
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 69
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2022
Date Data Arrived at EDR: 04/14/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/24/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 68

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/02/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 73
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/21/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 79
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 05/20/2022
Date Data Arrived at EDR: 05/20/2022
Date Made Active in Reports: 08/09/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/16/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/12/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 42

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/19/2022
Date Data Arrived at EDR: 04/29/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/09/2022
Date Data Arrived at EDR: 08/10/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 20

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 78

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/05/2022
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/09/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 81
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/10/2022
Date Data Arrived at EDR: 06/10/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/16/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

**COUNTY RECORDS**

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2022
Date Data Arrived at EDR: 06/29/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 5

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 09/02/2022
Number of Days to Update: 79

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/21/2022
Date Data Arrived at EDR: 04/22/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/10/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 82

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/07/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/07/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 04/12/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 84

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/11/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/21/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/15/2022
Number of Days to Update: 86

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 03/22/2022
Date Data Arrived at EDR: 06/24/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 76

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/14/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 04/21/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 82

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 3

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/03/2022
Date Made Active in Reports: 07/20/2022
Number of Days to Update: 78

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/01/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 06/01/2022
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/07/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/07/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/30/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 5

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/30/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/29/2022
Date Data Arrived at EDR: 04/29/2022
Date Made Active in Reports: 05/05/2022
Number of Days to Update: 6

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/12/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/20/2022
Number of Days to Update: 75

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 97

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/29/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/11/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/27/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 76

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/28/2022
Date Data Arrived at EDR: 04/28/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 78

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/28/2022
Date Data Arrived at EDR: 04/28/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 78

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/22/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 09/14/2022
Number of Days to Update: 76
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 84
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

**OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/08/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 80
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/29/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

**STREET AND ADDRESS INFORMATION**

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# GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

10990 WOODSIDE AVE N
10990 WOODSIDE AVE N
SANTEE, CA 92071

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 32.848148 - 32ˆ 50’ 53.33’’ |
| Longitude (West): | 116.959312 - 116ˆ 57’ 33.52’’ |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 503807.5 |
| UTM Y (Meters): | 3634263.0 |
| Elevation: | 356 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 12008233 EL CAJON, CA |
| Version Date: | 2018 |

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

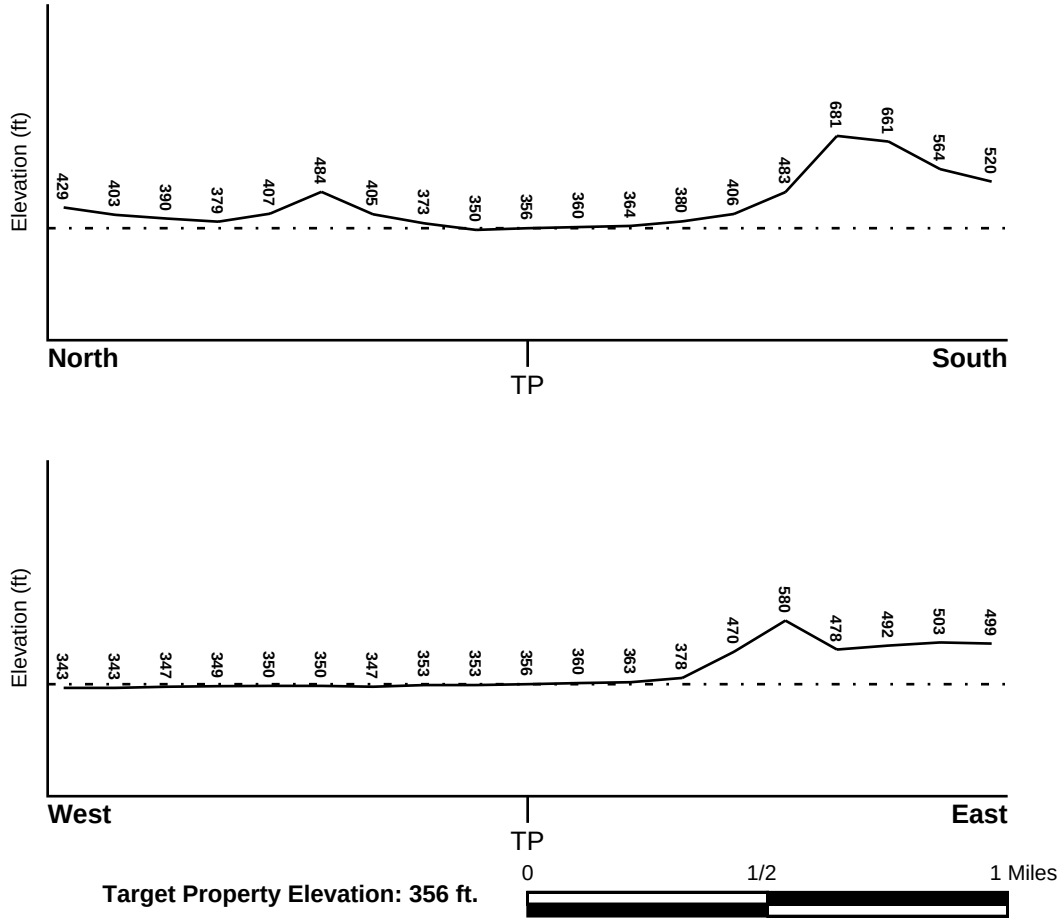
**TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

**TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General SW

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**




Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE**

| Flood Plain Panel at Target Property | FEMA Source Type |
|---|---|
| 06073C1652G | FEMA FIRM Flood data |

| Additional Panels in search area: | FEMA Source Type |
|---|---|
| 06073C1651G | FEMA FIRM Flood data |
| 06073C1653G | FEMA FIRM Flood data |
| 06073C1654G | FEMA FIRM Flood data |

**NATIONAL WETLAND INVENTORY**

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| EL CAJON | YES - refer to the Overview Map and Detail Map |

**HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

***Site-Specific Hydrogeological Data*:***

| | |
|---|---|
| Search Radius: | 1.25 miles |
| Status: | Not found |

**AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

**GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

**ROCK STRATIGRAPHIC UNIT**

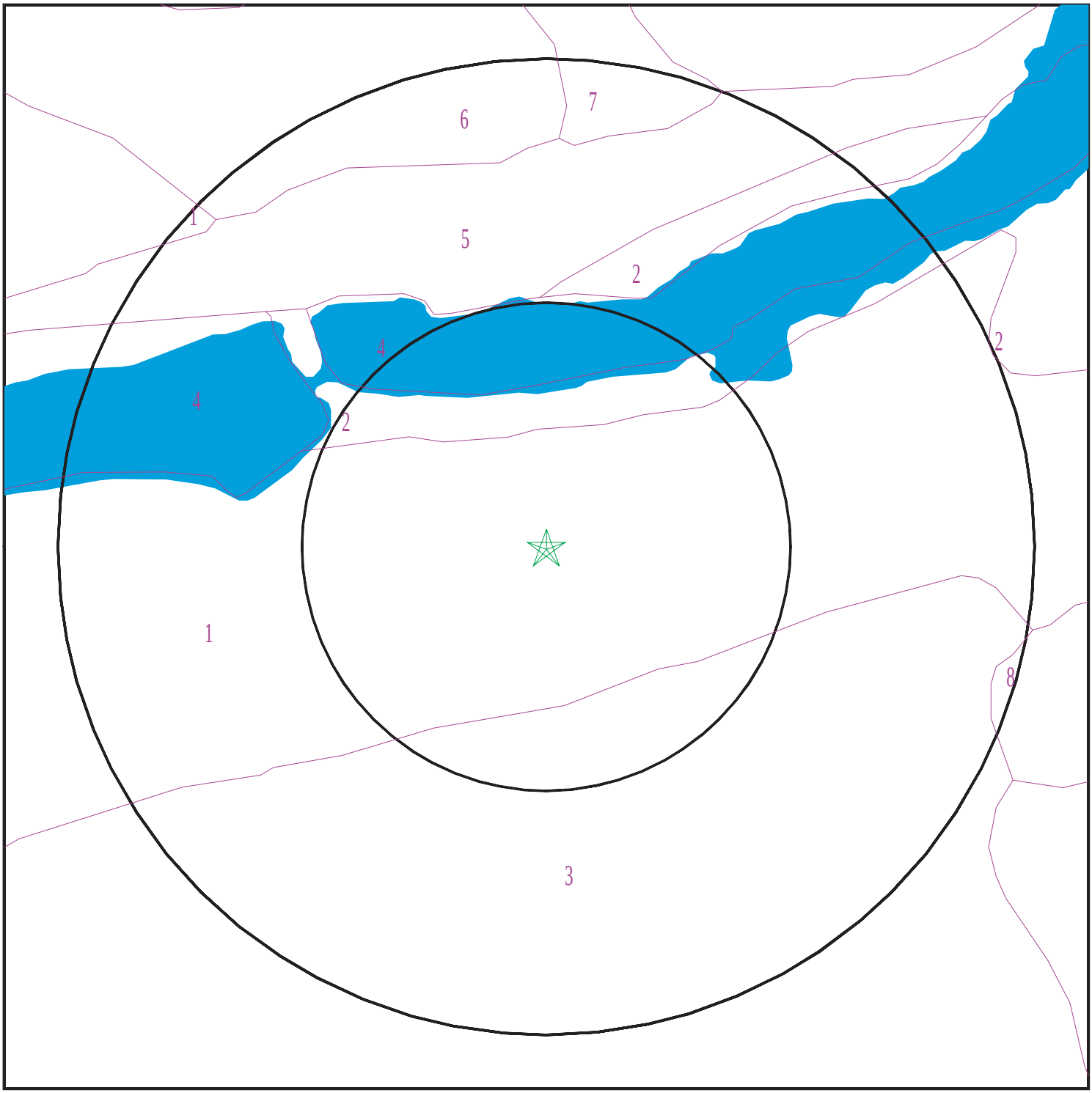
| | |
|---|---|
| Era: | Mesozoic |
| System: | Cretaceous |
| Series: | Cretaceous granitic rocks |
| Code: | Kg *(decoded above as Era, System & Series)* |

**GEOLOGIC AGE IDENTIFICATION**

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 7126896.2s




Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

| | | | |
|---|---|---|---|
| SITE NAME: | 10990 WOODSIDE AVE N | CLIENT: | Hazard Management Consulting |
| ADDRESS: | 10990 WOODSIDE AVE N<br>SANTEE CA 92071 | CONTACT: | Troy Taylor |
| LAT/LONG: | 32.848148 / 116.959312 | INQUIRY #: | 7126896.2s |
| | | DATE: | September 22, 2022 6:16 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

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**Soil Map ID: 1**

Soil Component Name: VISALIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 11 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42<br>Min: 14 | Max: 6.5<br>Min: 6.1 |
| 2 | 11 inches | 40 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42<br>Min: 14 | Max: 6.5<br>Min: 6.1 |
| 3 | 40 inches | 59 inches | very fine sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42<br>Min: 14 | Max: 6.5<br>Min: 6.1 |

**Soil Map ID: 2**

Soil Component Name: RIVERWASH

Soil Surface Texture: gravelly coarse sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Excessively drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 168 inches

**Soil Layer Information**

| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
|---|---|---|---|---|---|---|---|
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 5 inches | gravelly coarse sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. | Max: 141 Min: 42 | Max: Min: |
| 2 | 5 inches | 59 inches | stratified extremely gravelly coarse sand to gravelly sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. | Max: 141 Min: 42 | Max: Min: |

**Soil Map ID: 3**

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 16 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 4<br>Min: 1.4 | Max: 7.3<br>Min: 6.6 |
| 2 | 16 inches | 59 inches | sandy clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 4<br>Min: 1.4 | Max: 7.3<br>Min: 6.6 |
| 3 | 59 inches | 74 inches | sandy clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 4<br>Min: 1.4 | Max: 7.3<br>Min: 6.6 |

---

**Soil Map ID: 4**

Soil Component Name: Water

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 5**

Soil Component Name: TUJUNGA

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

**Soil Layer Information**

| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
|---|---|---|---|---|---|---|---|
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 14 inches | sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 7.8 Min: 6.6 |
| 2 | 14 inches | 33 inches | loamy sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 7.8 Min: 6.6 |
| 3 | 33 inches | 59 inches | stratified gravelly sand to gravelly loamy sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 7.8 Min: 6.6 |

**Soil Map ID: 6**

Soil Component Name: PLACENTIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 12 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01 | Max: 8.4<br>Min: 7.9 |
| 2 | 12 inches | 33 inches | clay | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01 | Max: 8.4<br>Min: 7.9 |

**Soil Map ID: 7**

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 5 inches | sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14 | Max: 7.3<br>Min: 6.6 |
| 2 | 5 inches | 33 inches | sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14 | Max: 7.3<br>Min: 6.6 |
| 3 | 33 inches | 66 inches | stratified loamy coarse sand to sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14 | Max: 7.3<br>Min: 6.6 |

---

**Soil Map ID: 8**

Soil Component Name: CIENEBA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | coarse sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | Not reported | Max:<br>Min: | Max: Min: |
| 2 | 9 inches | 14 inches | weathered bedrock | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | Not reported | Max:<br>Min: | Max: Min: |

**LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

**WELL SEARCH DISTANCE INFORMATION**

| DATABASE | SEARCH DISTANCE (miles) |
|---|---|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

**FEDERAL USGS WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| D29 | USGS40000129916 | 1/2 - 1 Mile West |
| I46 | USGS40000129937 | 1/2 - 1 Mile NW |

**FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

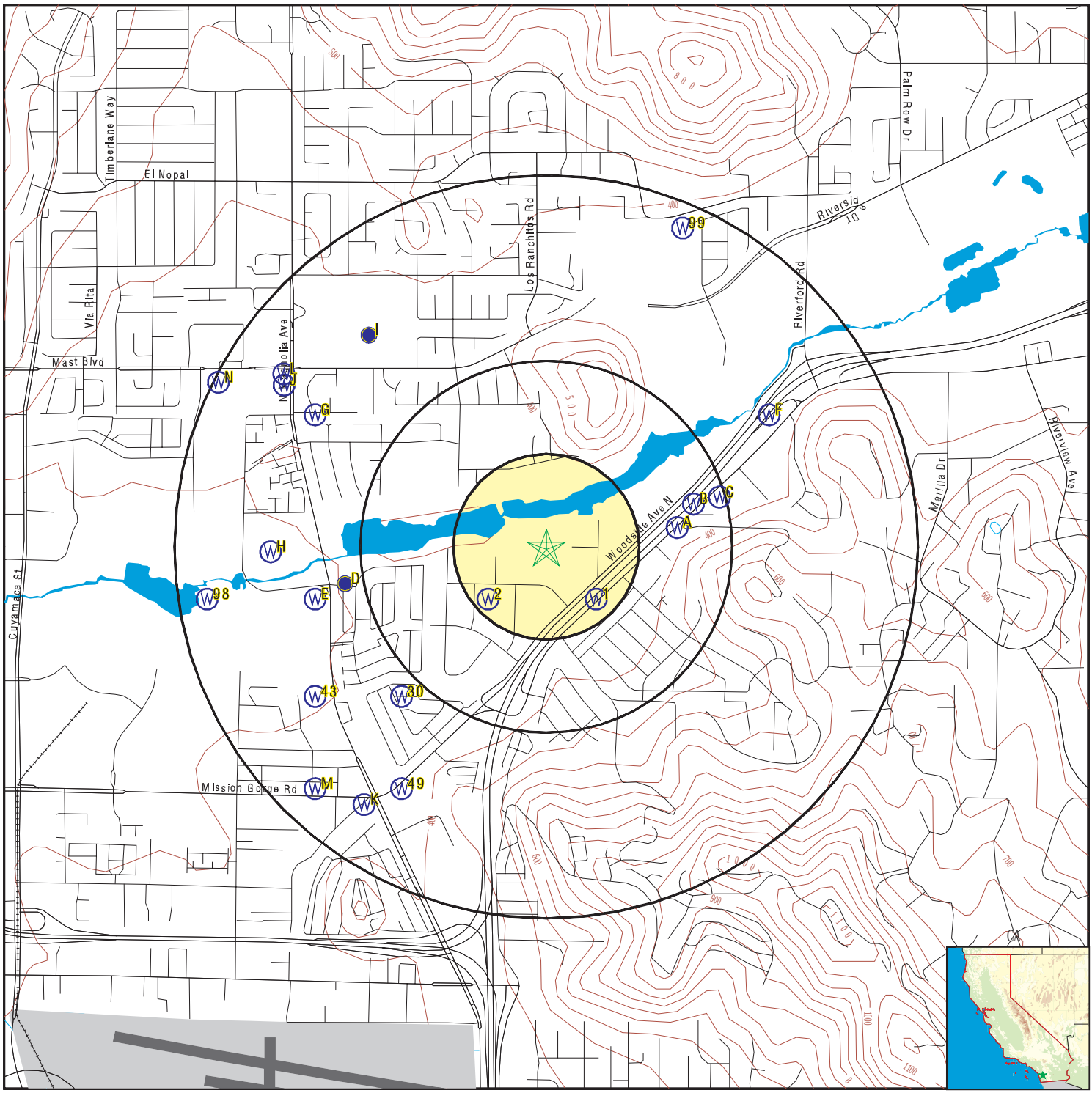
**STATE DATABASE WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | CADWR0000036226 | 1/8 - 1/4 Mile SE |
| 2 | CADWR0000007719 | 1/8 - 1/4 Mile SW |
| A3 | CAEDF0000077896 | 1/4 - 1/2 Mile East |
| B4 | CAEDF0000003377 | 1/4 - 1/2 Mile ENE |
| A5 | CAEDF0000016265 | 1/4 - 1/2 Mile East |
| B6 | CAEDF0000007537 | 1/4 - 1/2 Mile ENE |
| B7 | CAEDF0000123642 | 1/4 - 1/2 Mile ENE |
| B8 | CAEDF0000050691 | 1/4 - 1/2 Mile ENE |
| B9 | CAEDF0000078606 | 1/4 - 1/2 Mile ENE |
| C10 | CAEDF0000106460 | 1/4 - 1/2 Mile ENE |
| C11 | CAEDF0000119738 | 1/4 - 1/2 Mile ENE |
| C12 | CAEDF0000007982 | 1/4 - 1/2 Mile ENE |
| C13 | CAEDF0000098574 | 1/4 - 1/2 Mile ENE |
| C14 | CAEDF0000068205 | 1/4 - 1/2 Mile ENE |
| C15 | CAEDF0000110340 | 1/4 - 1/2 Mile ENE |
| C16 | CAEDF0000127681 | 1/4 - 1/2 Mile ENE |
| C17 | CAEDF0000084668 | 1/4 - 1/2 Mile ENE |
| C18 | CAEDF0000057738 | 1/4 - 1/2 Mile ENE |
| C19 | CAEDF0000017481 | 1/4 - 1/2 Mile ENE |
| C20 | CAEDF0000074240 | 1/4 - 1/2 Mile ENE |
| C21 | CAEDF0000088824 | 1/4 - 1/2 Mile ENE |
| C22 | CAEDF0000109541 | 1/4 - 1/2 Mile ENE |
| C23 | CAEDF0000044216 | 1/4 - 1/2 Mile ENE |
| C24 | CAEDF0000088474 | 1/2 - 1 Mile ENE |
| C25 | CAEDF0000071163 | 1/2 - 1 Mile ENE |
| C26 | CAEDF0000007834 | 1/2 - 1 Mile ENE |
| C27 | CAEDF0000129930 | 1/2 - 1 Mile ENE |
| D28 | CAUSGSN00003066 | 1/2 - 1 Mile West |
| 30 | CADWR0000002796 | 1/2 - 1 Mile SW |
| E31 | CADWR0000024386 | 1/2 - 1 Mile WSW |
| E32 | CADWR0000018735 | 1/2 - 1 Mile WSW |
| E33 | CADWR0000018644 | 1/2 - 1 Mile WSW |
| F34 | CADWR0000003227 | 1/2 - 1 Mile ENE |
| F35 | CADWR0000004260 | 1/2 - 1 Mile ENE |
| G36 | CADWR0000001600 | 1/2 - 1 Mile WNW |
| G37 | CADWR0000008714 | 1/2 - 1 Mile WNW |
| H38 | CAEDF0000106144 | 1/2 - 1 Mile West |
| H39 | CAEDF0000019468 | 1/2 - 1 Mile West |
| H40 | CAEDF0000031787 | 1/2 - 1 Mile West |
| H41 | CAEDF0000113145 | 1/2 - 1 Mile West |
| H42 | CAEDF0000089199 | 1/2 - 1 Mile West |
| 43 | CADWR0000007857 | 1/2 - 1 Mile WSW |
| I44 | CAUSGSN00015577 | 1/2 - 1 Mile NW |
| H45 | CAEDF0000060710 | 1/2 - 1 Mile West |
| H47 | CAEDF0000093974 | 1/2 - 1 Mile West |
| H48 | CAEDF0000031702 | 1/2 - 1 Mile West |
| 49 | CADWR0000004413 | 1/2 - 1 Mile SSW |
| J50 | CAEDF0000093811 | 1/2 - 1 Mile WNW |
| J51 | CAEDF0000120681 | 1/2 - 1 Mile WNW |
| J52 | CAEDF0000083615 | 1/2 - 1 Mile WNW |
| J53 | CAEDF0000106149 | 1/2 - 1 Mile WNW |
| J54 | CAEDF0000116998 | 1/2 - 1 Mile WNW |

**STATE DATABASE WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| J55 | CAEDF0000131320 | 1/2 - 1 Mile WNW |
| J56 | CAEDF0000046659 | 1/2 - 1 Mile WNW |
| K57 | CAEDF0000097166 | 1/2 - 1 Mile SSW |
| K58 | CAEDF0000058938 | 1/2 - 1 Mile SW |
| J59 | CAEDF0000134270 | 1/2 - 1 Mile WNW |
| L60 | CAEDF0000099776 | 1/2 - 1 Mile NW |
| L61 | CAEDF0000021375 | 1/2 - 1 Mile NW |
| J62 | CAEDF0000100042 | 1/2 - 1 Mile WNW |
| K63 | CAEDF0000074976 | 1/2 - 1 Mile SSW |
| J64 | CAEDF0000117944 | 1/2 - 1 Mile WNW |
| K65 | CAEDF0000034301 | 1/2 - 1 Mile SW |
| J66 | CAEDF0000052163 | 1/2 - 1 Mile WNW |
| J67 | CAEDF0000101025 | 1/2 - 1 Mile WNW |
| K68 | CAEDF0000104365 | 1/2 - 1 Mile SSW |
| K69 | CAEDF0000042666 | 1/2 - 1 Mile SW |
| K70 | CAEDF0000109451 | 1/2 - 1 Mile SW |
| J71 | CAEDF0000006551 | 1/2 - 1 Mile WNW |
| K72 | CAEDF0000069424 | 1/2 - 1 Mile SW |
| K73 | CAEDF0000099868 | 1/2 - 1 Mile SSW |
| K74 | CAEDF0000060825 | 1/2 - 1 Mile SW |
| K75 | CAEDF0000081592 | 1/2 - 1 Mile SW |
| K76 | CAEDF0000106266 | 1/2 - 1 Mile SW |
| K77 | CAEDF0000030745 | 1/2 - 1 Mile SW |
| L78 | CAEDF0000052018 | 1/2 - 1 Mile WNW |
| K79 | CAEDF0000087777 | 1/2 - 1 Mile SSW |
| K80 | CAEDF0000064558 | 1/2 - 1 Mile SW |
| J81 | CAEDF0000065356 | 1/2 - 1 Mile WNW |
| K82 | CAEDF0000038778 | 1/2 - 1 Mile SSW |
| K83 | CAEDF0000114839 | 1/2 - 1 Mile SW |
| K84 | CAEDF0000107258 | 1/2 - 1 Mile SW |
| K85 | CAEDF0000067998 | 1/2 - 1 Mile SSW |
| J86 | CAEDF0000033499 | 1/2 - 1 Mile WNW |
| K87 | CAEDF0000115246 | 1/2 - 1 Mile SW |
| K88 | CAEDF0000092105 | 1/2 - 1 Mile SW |
| K89 | CAEDF0000131478 | 1/2 - 1 Mile SW |
| K90 | CAEDF0000100627 | 1/2 - 1 Mile SW |
| L91 | CAEDF0000120551 | 1/2 - 1 Mile WNW |
| K92 | CAEDF0000115243 | 1/2 - 1 Mile SW |
| K93 | CAEDF0000084373 | 1/2 - 1 Mile SW |
| M94 | CADWR0000023171 | 1/2 - 1 Mile SW |
| M95 | CADWR0000019673 | 1/2 - 1 Mile SW |
| M96 | CADWR0000014893 | 1/2 - 1 Mile SW |
| M97 | CADWR0000026129 | 1/2 - 1 Mile SW |
| 98 | CADWR0000003997 | 1/2 - 1 Mile West |
| 99 | CADWR0000012524 | 1/2 - 1 Mile NNE |
| N100 | CAEDF0000060239 | 1/2 - 1 Mile WNW |
| N101 | CAEDF0000014109 | 1/2 - 1 Mile WNW |
| N102 | CAEDF0000078820 | 1/2 - 1 Mile WNW |
| N103 | CAEDF0000104776 | 1/2 - 1 Mile WNW |

# PHYSICAL SETTING SOURCE MAP - 7126896.2s




- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

| | | | |
|---|---|---|---|
| SITE NAME: | 10990 WOODSIDE AVE N | CLIENT: | Hazard Management Consulting |
| ADDRESS: | 10990 WOODSIDE AVE N<br>SANTEE CA 92071 | CONTACT: | Troy Taylor |
| LAT/LONG: | 32.848148 / 116.959312 | INQUIRY #: | 7126896.2s |
| | | DATE: | September 22, 2022 6:16 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **1**<br>**SE**<br>**1/8 - 1/4 Mile**<br>**Higher** | **CA WELLS** | **CADWR0000036226** |

| | | | |
|---|---|---|---|
| Well ID: | 15S01W23P001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W23P001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W23P001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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| | Database | EDR ID Number |
|---|---|---|
| **2**<br>**SW**<br>**1/8 - 1/4 Mile**<br>**Higher** | **CA WELLS** | **CADWR0000007719** |

| | | | |
|---|---|---|---|
| Well ID: | 15S01W23N001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W23N001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W23N001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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| | Database | EDR ID Number |
|---|---|---|
| **A3**<br>**East**<br>**1/4 - 1/2 Mile**<br>**Higher** | **CA WELLS** | **CAEDF0000077896** |

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-18 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-18 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-18&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-18 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **B4**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | **CA WELLS** | **CAEDF0000003377** |

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-12 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-12 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-12&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-12 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**A5**
**East**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000016265**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-16 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-16 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-16&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-16 | | |

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**B6**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000007537**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-11 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-11 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-11&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-11 | | |

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**B7**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000123642**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-15 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-15 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-15&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-15 | | |

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**B8**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000050691**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-19 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-19 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-19&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-19 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**B9**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000078606**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-14 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-14 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-14&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-14 | | |

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**C10**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000106460**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-9 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-9 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-9&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-9 | | |

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**C11**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000119738**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-6 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-6 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-6&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-6 | | |

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**C12**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000007982**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW6 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW6 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW6&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW6 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**C13**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000098574**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW8 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW8 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW8&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW8 | | |

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**C14**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000068205**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-1 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-1 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-1&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-1 | | |

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**C15**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000110340**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW1 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW1 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW1&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW1 | | |

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**C16**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000127681**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW4 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW4 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW4&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW4 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**C17**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000084668**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-4 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-4 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-4&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-4 | | |

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**C18**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000057738**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-17 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-17 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-17&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-17 | | |

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**C19**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000017481**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-7 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-7 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-7&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-7 | | |

---

**C20**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000074240**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW7 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW7 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW7&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW7 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**C21**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000088824**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW5 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW5 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW5&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW5 | | |

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**C22**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000109541**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-3 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-3 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-3&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-3 | | |

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**C23**
**ENE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CAEDF0000044216**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW3 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW3 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW3&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW3 | | |

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**C24**
**ENE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000088474**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW2 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW2 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW2&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW2 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**C25**
**ENE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000071163**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-2 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-2 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-2&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-2 | | |

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**C26**
**ENE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000007834**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-10 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-10 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-10&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-10 | | |

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**C27**
**ENE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000129930**

| | | | |
|---|---|---|---|
| Well ID: | T0607303173-MW-13 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-13 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303173&assigned_name=MW-13&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303173&assigned_name=MW-13 | | |

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**D28**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAUSGSN00003066**

| | | | |
|---|---|---|---|
| Well ID: | USGS-325048116580401 | Well Type: | UNK |
| Source: | United States Geological Survey | | |
| Other Name: | USGS-325048116580401 | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-325048116580401&store_num= | | |
| GeoTracker Data: | Not Reported | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**D29**
**West**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000129916**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 015S001W22Q005S | Type: | Well |
| Description: | Not Reported | HUC: | 18070304 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | Not Reported |
| Well Depth Units: | Not Reported | Well Hole Depth: | Not Reported |
| Well Hole Depth Units: | Not Reported | | |

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**30**
**SW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000002796**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W27A005S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W27A005S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W27A005S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**E31**
**WSW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000024386**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W22Q003S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W22Q003S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W22Q003S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**E32**
**WSW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000018735**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W22Q002S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W22Q002S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W22Q002S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**E33**
**WSW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000018644**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W22Q001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W22Q001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W22Q001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**F34**
**ENE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000003227**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W23H005S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W23H005S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W23H005S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**F35**
**ENE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000004260**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W23H004S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W23H004S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W23H004S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**G36**
**WNW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000001600**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W22G001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W22G001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W22G001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**G37**
**WNW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000008714**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W22G002S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W22G002S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W22G002S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**H38**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000106144**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-3 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-3 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-3&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-3 | | |

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**H39**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000019468**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-1 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-1 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-1&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-1 | | |

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**H40**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000031787**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-6 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-6 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-6&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-6 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**H41**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000113145**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-5 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-5 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-5&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-5 | | |

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**H42**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000089199**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-2 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-2 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-2&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-2 | | |

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**43**
**WSW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000007857**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W27B002S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W27B002S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W27B002S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**I44**
**NW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAUSGSN00015577**

| | | | |
|---|---|---|---|
| Well ID: | USGS-325123116580001 | Well Type: | UNK |
| Source: | United States Geological Survey | | |
| Other Name: | USGS-325123116580001 | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-325123116580001&store_num= | | |
| GeoTracker Data: | Not Reported | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**H45**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000060710**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-4 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-4 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-4&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-4 | | |

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**I46**
**NW**
**1/2 - 1 Mile**
**Higher**

**FED USGS** **USGS40000129937**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 015S001W22G002S | Type: | Well |
| Description: | Not Reported | HUC: | 18070304 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | Not Reported |
| Well Depth Units: | Not Reported | Well Hole Depth: | Not Reported |
| Well Hole Depth Units: | Not Reported | | |

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**H47**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000093974**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-7 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-7 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-7&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-7 | | |

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**H48**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000031702**

| | | | |
|---|---|---|---|
| Well ID: | T0607399232-MW-8 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-8 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399232&assigned_name=MW-8&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399232&assigned_name=MW-8 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**49**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000004413**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W27H001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W27H001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W27H001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

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**J50**
**WNW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000093811**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-16 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-16 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-16&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-16 | | |

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**J51**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000120681**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-14 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-14 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-14&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-14 | | |

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**J52**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000083615**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-15 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-15 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-15&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-15 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**J53**
**WNW**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CAEDF0000106149**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-17 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-17 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-17&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-17 | | |

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**J54**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000116998**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-12 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-12 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-12&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-12 | | |

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**J55**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000131320**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-11 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-11 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-11&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-11 | | |

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**J56**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000046659**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-4 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-4 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-4&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-4 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K57**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000097166**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-31 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | 31 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=31&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=31 | | |

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**K58**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000058938**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-32 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | 32 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=32&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=32 | | |

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**J59**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000134270**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-7 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-7 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-7&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-7 | | |

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**L60**
**NW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000099776**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-2 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-2 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-2&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-2 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**L61**
**NW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000021375**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-6 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-6 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-6&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-6 | | |

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**J62**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000100042**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-EW-1 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | EW-1 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=EW-1&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=EW-1 | | |

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**K63**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000074976**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-MW-2 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-2 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=MW-2&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=MW-2 | | |

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**J64**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000117944**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-EW-2 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | EW-2 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=EW-2&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=EW-2 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K65**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000034301**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-16 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-16 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-16&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-16 | | |

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**J66**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000052163**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-1 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-1 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-1&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-1 | | |

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**J67**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000101025**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-5 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-5 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-5&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-5 | | |

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**K68**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000104365**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-MW-1 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-1 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=MW-1&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=MW-1 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K69**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000042666**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-13 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-13 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-13&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-13 | | |

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**K70**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000109451**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-18 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-18 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-18&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-18 | | |

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**J71**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000006551**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-10 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-10 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-10&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-10 | | |

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**K72**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000069424**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-17 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-17 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-17&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-17 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K73**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000099868**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-MW-6 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-6 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=MW-6&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=MW-6 | | |

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**K74**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000060825**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-25 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-25 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-25&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-25 | | |

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**K75**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000081592**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-MW-4 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-4 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=MW-4&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=MW-4 | | |

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**K76**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000106266**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-19 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-19 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-19&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-19 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K77**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000030745**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-15 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-15 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-15&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-15 | | |

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**L78**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000052018**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-3 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-3 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-3&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-3 | | |

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**K79**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000087777**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-12 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-12 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-12&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-12 | | |

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**K80**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000064558**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-14 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-14 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-14&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-14 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**J81**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000065356**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-8 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-8 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-8&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-8 | | |

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**K82**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000038778**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-MW-5 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-5 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=MW-5&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=MW-5 | | |

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**K83**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000114839**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-20 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-20 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-20&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-20 | | |

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**K84**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000107258**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-26 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | 26 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=26&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=26 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K85**
**SSW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000067998**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-MW-3 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-3 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=MW-3&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=MW-3 | | |

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**J86**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000033499**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-9 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-9 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-9&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-9 | | |

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**K87**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000115246**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-21 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-21 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-21&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-21 | | |

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**K88**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000092105**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-22 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-22 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-22&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-22 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K89**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000131478**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-23 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-23 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-23&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-23 | | |

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**K90**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000100627**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-W-24 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | W-24 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=W-24&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=W-24 | | |

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**L91**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000120551**

| | | | |
|---|---|---|---|
| Well ID: | T0607302280-MW-18 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-18 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302280&assigned_name=MW-18&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302280&assigned_name=MW-18 | | |

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**K92**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000115243**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-27 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | 27 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=27&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=27 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**K93**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000084373**

| | | | |
|---|---|---|---|
| Well ID: | T0607303021-28 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | 28 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607303021&assigned_name=28&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607303021&assigned_name=28 | | |

---

**M94**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000023171**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W27G001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W27G001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W27G001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

---

**M95**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000019673**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W27G005S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W27G005S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W27G005S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

---

**M96**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000014893**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W27G007S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W27G007S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W27G007S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**M97**
**SW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000026129**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W27G006S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W27G006S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W27G006S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

---

**98**
**West**
**1/2 - 1 Mile**
**Lower**

**CA WELLS** **CADWR0000003997**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W22P001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W22P001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W22P001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

---

**99**
**NNE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CADWR0000012524**

| | | | |
|---|---|---|---|
| Well ID: | 15S01W14Q001S | Well Type: | UNK |
| Source: | Department of Water Resources | | |
| Other Name: | 15S01W14Q001S | GAMA PFAS Testing: | Not Reported |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=15S01W14Q001S&store_num= | | |
| GeoTracker Data: | Not Reported | | |

---

**N100**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000060239**

| | | | |
|---|---|---|---|
| Well ID: | T0607302618-MW-18 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-18 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302618&assigned_name=MW-18&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302618&assigned_name=MW-18 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**N101**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000014109**

| | | | |
|---|---|---|---|
| Well ID: | T0607302618-MW-8 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-8 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302618&assigned_name=MW-8&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302618&assigned_name=MW-8 | | |

---

**N102**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000078820**

| | | | |
|---|---|---|---|
| Well ID: | T0607302618-MW-12 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-12 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302618&assigned_name=MW-12&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302618&assigned_name=MW-12 | | |

---

**N103**
**WNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **CAEDF0000104776**

| | | | |
|---|---|---|---|
| Well ID: | T0607302618-MW-17 | Well Type: | MONITORING |
| Source: | EDF | Other Name: | MW-17 |
| GAMA PFAS Testing: | Not Reported | | |
| Groundwater Quality Data: | https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302618&assigned_name=MW-17&store_num= | | |
| GeoTracker Data: | https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302618&assigned_name=MW-17 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: CA Radon

Radon Test Results

| Zipcode | Num Tests | > 4 pCi/L |
|---|---|---|
| 92071 | 27 | 2 |

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 92071

Number of sites tested: 1

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | -0.100 pCi/L | 100% | 0% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | Not Reported | Not Reported | Not Reported | Not Reported |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

AQUIFLOW$^{R}$ Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**STREET AND ADDRESS INFORMATION**

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**10990 WOODSIDE AVE N**
10990 WOODSIDE AVE N
SANTEE, CA 92071

Inquiry Number: 7126896.5
September 27, 2022

# The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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## SECTION

**Executive Summary**

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***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.

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# EXECUTIVE SUMMARY

## DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

## RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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## RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

| Year | Target Street | Cross Street | Source |
|---|---|---|---|
| 2017 | ☑ | ☐ | EDR Digital Archive |
| 2014 | ☑ | ☐ | EDR Digital Archive |
| 2010 | ☑ | ☐ | EDR Digital Archive |
| 2005 | ☑ | ☐ | EDR Digital Archive |
| 2000 | ☑ | ☐ | EDR Digital Archive |
| 1995 | ☑ | ☐ | EDR Digital Archive |
| 1992 | ☑ | ☐ | EDR Digital Archive |
| 1986 | ☑ | ☐ | Haines Criss-Cross Directory |
| 1982 | ☑ | ☐ | Haines Criss-Cross Directory |
| 1979 | ☑ | ☐ | Haines Criss-Cross Directory |
| 1975 | ☑ | ☐ | Haines Criss-Cross Directory |
| 1971 | ☑ | ☐ | Haines Criss-Cross Directory |

# FINDINGS

## TARGET PROPERTY STREET

10990 WOODSIDE AVE N
SANTEE, CA 92071

| *Year* | *CD Image* | *Source* |
|---|---|---|
| **WOODSIDE AVE N** | | |
| 2017 | pg A1 | EDR Digital Archive |
| 2014 | pg A2 | EDR Digital Archive |
| 2010 | pg A3 | EDR Digital Archive |
| 2005 | pg A4 | EDR Digital Archive |
| 2000 | pg A5 | EDR Digital Archive |
| 1995 | pg A6 | EDR Digital Archive |
| 1992 | pg A7 | EDR Digital Archive |
| 1986 | pg A10 | Haines Criss-Cross Directory |
| 1986 | pg A8 | Haines Criss-Cross Directory |
| 1986 | pg A9 | Haines Criss-Cross Directory |
| 1982 | pg A11 | Haines Criss-Cross Directory |
| 1982 | pg A12 | Haines Criss-Cross Directory |
| 1982 | pg A13 | Haines Criss-Cross Directory |
| 1979 | pg A14 | Haines Criss-Cross Directory |
| 1979 | pg A15 | Haines Criss-Cross Directory |
| 1979 | pg A16 | Haines Criss-Cross Directory |
| 1975 | pg A17 | Haines Criss-Cross Directory |
| 1975 | pg A18 | Haines Criss-Cross Directory |
| 1971 | pg A19 | Haines Criss-Cross Directory |
| 1971 | pg A20 | Haines Criss-Cross Directory |

# FINDINGS

## CROSS STREETS

No Cross Streets Identified

# City Directory Images

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

# WOODSIDE AVE N 2017

| | |
|---|---|
| 10926 | ALTS TOOL & MACHINE |
| 10946 | CREATION & EARTH HISTORY MUSEUM |
| | INSTITUTE FOR CREATION RESEARCH |
| 10990 | SANTEE DRIVE IN THEATRE |
| | SANTEE DRIVEIN SWAP MEET |
| 11000 | ALTECH MACHINING INC |
| 11220 | ADVANCED BUSINESS NETWORKS |
| | HVAC MEDIC |
| 11222 | BUXCON SHEET METAL INC |
| | LTD SHEET METAL INC |
| | SPECIALTY METALS |
| | SPECIALTY METALS FABRICATION |
| 11316 | DRAIN HELP COM |
| | FAR EAST SCOOTERS |
| | GIGGLES & SMILES CHILD CARE CENTER |
| | KSHRED |
| | PARADISE PEST SOLUTIONS |
| | SAN DIEGO GARAGE DOORS |
| | VERTICAL HORIZON SCAFFOLD |
| 11366 | SN MONTGOMERY LANDSCAPING |
| | TLR & SON HYDRAULIC & MACHINE |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## WOODSIDE AVE N 2014

| | |
|---|---|
| 10926 | ALTS TOOL & MACHINE |
| 10946 | CREATION & EARTH HISTORY MUSEUM |
| | INSTITUTE FOR CREATION RESEARCH |
| 10990 | SANTEE DRIVE IN THEATRE |
| | SANTEE DRIVEIN SWAP MEET |
| 10996 | HOWARD TRAMPUS |
| 11000 | ALTECH MACHINING INC |
| 11220 | ADVANCED BUSINESS NETWORKS |
| 11222 | BUXCON SHEET METAL INC |
| | LTD SHEET METAL INC |
| | SPECIALTY METALS |
| 11316 | GIGGLES & SMILES CHILD CARE CENTER |
| | MANGO TECH USA |
| 11350 | WAYNE MILLERS MOBILE TIRE INC |
| 11366 | ROBS RV APPLIANCE REPAIR |
| | SN MONTGOMERY LANDSCAPING |
| | TLR & SON HYDRAULIC & MACHINE |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## WOODSIDE AVE N 2010

| | |
|---|---|
| 10926 | ALTS TOOL & MACHINE |
| 10946 | INSTUTE CREATIVE RESEARCH |
| 10990 | SANTEE DRIVE IN THEATRE |
| | SANTEE SWAP MEET |
| 10996 | AUTO FAB |
| | C & H AUTO BODY & PAINT |
| 11000 | ALTECH MACHINING INC |
| 11222 | AZTEC SHEET METAL |
| | BUXCON SHEET METAL |
| | LTD SHEET METAL |
| | SPECIALTY METALS |
| 11316 | GIGGLES & SMILES CHILD CARE |
| | ROGERS BIOMEDICAL SO |
| | SJB CONSTRUCTION |
| | SUCHIL COMMUNICATIONS INC |
| 11322 | BLUE STAR STEEL INC |
| 11350 | CARSON TRAILER INC |
| 11366 | CURBSCAPE |
| | MANGO MOBILE RV SVC |
| | ROBS RV APPLIANCE REPAIR |
| | S M MONTGOMERY LANDSCAPE |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## WOODSIDE AVE N 2005

10946 THE INSTITUTE FOR CREATION RE
10990 SANTEE DRIVE IN THEATRE
10996 C & H AUTO BODY & PAINT
11000 ALTECH MACHINING INC
11222 AZTEC SHEET METAL INC
11316 GIGGLES & SMILES CHILD CARE CENTER L
LENCO ENGINE REBUILDING INC
LITTLE WORKSHOP THE
SAN DIEGO PUMP EXCHANGE
SIGN INNOVATIONS
STAR MANUFACTURING
11322 ALUMINUM CITY
BLUE STAR STEEL INC
11350 CARSON TRAILER INC
GARY L BORGER
MOTORHOME SPECIALIST
11366 EAGLE FENCE CO
SN MONTGOMERY LANDSCAPE

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## WOODSIDE AVE N 2000

10946 CREATION AND EARTH HISTORY MUSEUM
INSTITUTE FOR CREATION RESEARCH
10990 SANTEE DRIVE IN SWAP MEET
10996 C & H AUTO BODY & PAINT
11000 ALTECH MACHINING
11222 BUX INCORPORATED
11316 ACCENT WINDOW & DOOR
B B MACHINE
CEILING SAVERS
LEARNING ACADEMY
LITTLE WORKSHOP THE
S J B CONSTRUCTION
11322 ALUMINUM CITY
BLUE STAR STEEL INCORPORATED
GOLDSTEIN EQUIPMENT
11350 CARSON TRAILER INCORPORATED
11366 EAGLE FENCE COMPANY

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## WOODSIDE AVE N 1995

10946 INSTITUTE FOR CREATION RESRCH
10990 SANTEE DRIVE IN SWAP MEET
10996 AUTO FAB
C & H AUTO BODY & PAINT
OLES CABINETS
11220 L SEVEN N CO
11222 WEST COAST SHEET METAL INC
11316 SJB CONSTRUCTION
11322 BLUE STAR STEEL INC
11350 BORGER, GARY

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

## WOODSIDE AVE N 1992

| | |
|---|---|
| 10946 | INST CREATN RESRCH |
| 10990 | LOPEZ RAFAEL |
| | LOPEZ, RAFAEL |
| | SANTEE DRV IN SWAP |
| 10996 | AUTO FAB |
| | C&H AUTO BODY&PAINT |
| | OLES CABINETS |
| 11000 | ALTECH MACHINING |
| 11222 | WEST CST SHEET METL |
| 11316 | B B MACHINE |
| | S J B CONSTRUCTION |
| | TWIN PALMS LNDSCP |
| 11322 | BLUE STAR STEEL |
| | NATL PROFILING INC |
| 11350 | FRANKS R V&APL RPR |
| | JIMS RV MNTNC SHPPE |
| 11370 | SOCAL MACHINE INC |
| 11418 | MARDEN SUSCO |
| 11424 | HYLTON ERNIE |
| | HYLTON, ERNIE |
| | INLAND KENWORTH INC |
| | TERRA TRLR&TRCK SLS |
| 11446 | PAC LIFT PARTS INC |
| | TOYOTA INDS EQP DLR |
| 11448 | RICKS MACHINE SHOP |

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## WOODSIDE AVE N 1986

| | | | |
|---|---|---|---|
| 10763 | BELVEDERE ENT | 448-9585 | 4 |
| | BELVEDERE LIQUOR | 448-4575 | 1 |
| | CENTURY 21 CASEY | 562-2131 | 3 |
| | CENTURY 21 CASEY | 562-4282 | *8 |
| | HAIR DEN | 449-9230 | 4 |
| | SAN T DEVEP CORP | 448-9490 | 5 |
| 10800 | MISSION DEL MAGNLIA | | |
| 83 | ADAIR ARTHUR J DR | 448-7572 | |
| 80 | AINSWORTH GENE | 448-1048 | |
| | ALBERT MARY E | 562-D157 | 5 |
| | ALDRICH P M | 582-1341 | 4 |
| 49 | ALLSBROOK DAVID JR | 448-0586 | |
| 43 | ARMSTRONG DORIS A | 448-2576 | |
| 43 | ARMSTRONG GERALD R | 448-2576 | |
| | BEDFORD ALBERTA | 449-0855 | 8 |
| 238 | BEDFORD ROLAND | 449-0855 | |
| | BELL PATRICIA | 449-1182 | |
| | BELL ROBT | 449-1182 | 3 |
| 119 | BENCH M R | 448-3521 | 8 |
| 13 | BENSON EMERY E | 448-2062 | |
| | BLUNT B I | 562-4169 | 4 |
| | BOULWARE R L | 582-9033 | 3 |
| 25 | BOWMAN ETHEL M | 449-5939 | |
| | BOWMAN HARRY M | 449-6939 | 1 |
| | BRADEN K R | 449-2603 | 2 |
| 165 | BREHM WM C | 449-5537 | |
| 65 | BRISKER JACK | 448-0553 | 1 |
| 143 | BROWN WALTER L | 449-4082 | 7 |
| | BURDICK E | 448-7517 | 4 |
| | BUSH BRUCE | 258-0817 | *8 |
| | BUSH MARGARET | 258-0817 | *8 |
| 82 | CAMPBELL LOWELL A | 448-3367 | 7 |
| | CARUSO WM | 562-2599 | 5 |
| | CHIDGEY DORIE | 562-4324 | 5 |
| | CHIDGEY RICH | 562-4324 | |
| | COMAN RICHARD D | 448-4121 | 2 |
| | CONRAD MARK | 448-9808 | 3 |
| 231 | COOPER HESTER R | 562-2459 | 9 |

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# WOODSIDE AVE N 1986



WOODSIDE AV 92071 CONT

CRAIG V J 562-3573 4
82 CULBERT WM 448-4349 7
CURNUTE J C 562-8569 3
CURNUTE JOANNE 562-8569
DALUPERIT D 562-0465 5
189 DART RADFORD 449-9319 0
DELGADO DOROTHY 449-2373
DENST J E 448-8391 5
187 ECCLES RAYMOND W 449-0713 7
ERKMAN G BRENT 449-8083 5
FALK BRAD 562-1870 1
FALK KERRY R 582-7473 3
FERRIER RANDALL 562-0908 5
FLOYD RICHARD 258-1367 5
FRANKS TERRY 448-1354 +8
FREE STEWARD 562-8457 5
FREIMARK D 562-0366 2
32 GESS BRIAN 562-2681 0
GIBBS S 448-1748 +8
GIESE DAVID 258-9532 +8
138 GILLSON RUSSELL E 448-9972
38 GONZALES E H 449-1138 7
GONZALEZ JESUS 449-8151 +8
182 GOWENS M L 448-7791 7
GRASSMICK JIM 258-8628 +8
50 GRINNELL EARL S 449-1868
GRINNELL MARILYN S 449-1868
GUARINO M J 449-0481 2
HALEY MATTHEW 448-7000 3
16 HALL WILDRED L 448-0851
HALLIN K 449-6697
HALLIN NANCY 582-5643
HALLIN S 449-6697 5
HALLIN STEPHEN 562-5643 4
6 HANS M A 448-8276 0
53 HANSEN H R 448-4089
HANSON RICH 562-1582 5
HARMON DANL 448-5537 +8
HARMON TAMMY 448-5537 +8
HARTLEBEN DONALD H 562-2703 4
HARTZ BELVA 582-6868 1
HAWKINS WILLIAM J 449-8365 4
HAWLEY BOOBY 562-2934 5
5 HENRY ROYAL H 449-3790 7
HILL THOS 562-5157 0
HOLAWAY E F 562-5279 3
8 HOWE JAS M 448-5614
HOWE RONALD G 562-5724 4
11 HOWELL WILLIE R 449-7498
16 HUDSON JAS H JR 562-0729
14 HUTCHINS B E 449-1883
84 HUTCHINS EVELYN 448-0081
JACOBSON ELIZABETH 449-6138 1
232 JACOBSON HARRY 449-6138
JONES LEDERYL 562-7882 5
JONES SHEILA 562-7882
KERTSON KEVIN 562-0527 2
KOZELUH N 562-6523 2
LAFFERTY FARLEY 449-9489 +8
LAFFERTY KAREN 449-9489 +8
228 LANGFORD BONNIE B 449-1353
LEBLANCE B E 562-6842 +8
153 LINCOLN LEO B 448-8409 8
LOUDON GERALD E 562-7437 4
179 LOUNSBURY V J 449-9621 0
77 LOWE JOHN J 448-5184
112 LOWEN DONALD E 448-7306 7
193 LYNCH JAMES J 443-8498 9
MACKECHNIE ROCHELLE 562-9033 +8
130 MCBRIDE H M 449-4628
MCCULLOUGH MICHAEL 448-2380 +8
MCDANIEL C L 449-6087 +8
190 MCFARLAND JAS E 449-4666
184 MCINTOSH NELSON P 448-2883 8
MCNEIL FRED 449-6235
MCNEIL KIM 449-8235 5
MISSN DL MONLA MBL 449-1500 1
55 MITCHELL J T 448-0158 8
MITZEL DANIEL 562-4799 4
MOORE ROY S 562-0179 5
MORGAN SCOTT 562-6489 4
MULLER BOO 562-9817 3
192 MUNRO E 448-9844 9
106 NEAL MICHAEL E 582-1435
NEAL SUSANNE L 562-1435 8
NICODEMUS DENISE 448-2171 +8
NICODEMUS TOM 448-2171 +8
NIPPER HARVEY 562-1275 2
NOVOGINSKI EDWARD J 562-7797 4
41 ODEKIRK ERLE B 448-4580 9
OVERLAND PEGGY 449-2005 5
OWEN THOS 562-5281 1
PARCHEN GEO H 449-6717 5
127 PRICE PAUL STEVEN 448-2943 0
PRIOG MARK D 449-9204 3
RAY A A 562-6304 5
209 REID CARY L 562-0965 9
155 RIEDEL LOUISE 449-4532
RILEY TIM 258-1297 5
RISDON JAMES 258-8862 +8
229 ROTHNER VIVIAN 443-4583
175 RUIS AMBY 562-0573 1
SCHADT BILL 449-3953
SCHADT DEBBIE 449-3563 1
213 SCHILLER IRIS 562-1419 7
SCHMIDT DAVID 448-3523
SCHMIDT SANDRA 448-3523 4
81 SCHULZ RICHARD P 449-9316 8
51 SHAW JOS L 448-3583
SHUE JACQUELINE 562-9911 +8
110 SHULL VERNA 448-7550
SINGLAIR WM A 562-7906 +8
235 SMITH GENEVIEVE K 448-5897 9
SPECK LAVERN 448-7538 +8
STOWE J L 562-2397 +8
SULLIVAN BRIAN 449-0709 +8
SULLIVAN DINA 449-0709 +8
TEACHOUT H M 449-6381 +8
141 TOUCHETTE Y G 449-7997 9
TRAVEL TIMES THE 258-8687 +8
56 TRIMBLE GUY 449-0689
UBAVISH FRANCIS 562-8137 +8
69 VANCE G C 448-8083
VANDYKE ROOT W 449-8297 5
VANDORT MARK L 562-2631 +8
WARD L M 562-7598 2
WARNICK E J 443-3218 4
WEBB WINIFRED S 449-3948
WHITAKER RICH 448-7728 +8
63 WHITE B 449-2970 0
105 WHITE HERBERT J 449-1269 7
WILEY CHAS W 448-0479
WILEY HAZEL 448-0479 5
WILLIAMS FRED C 448-3864 5
WILLIAMSON DAVID A 562-7015 5
WITHAM BILL 562-0598
WITHAM MARY 562-0598 5
WOOD ERIC M 258-6844 +8
10800
10835 MINI STORAGE DEPOT 449-8255
PRESCOTT LOWRY 258-9648 +8
PRESCOTT MARGE 258-9548 +8
10645 NOELS HAY&GRAIN 449-5551
10687 PADRE DAM WTR RSRCS 448-3111
11007 XXXX 00
11025 LANE BETTY 562-3736 5
11027 XXXX 00
11038 GOLLADAY R E 448-2627 2
11045 DARDAR MUNDER 562-2276 9
FERNANDES SABAH 449-2491 9
11047 XXXX 00
11053 GLIDEWELL T C 562-8241 5
11057 IRVIN JOHN 258-8953 +8
RAYMOND EDGAR 448-6392 1
11053 MCENTARFFER ALEXA 562-9728 +8
11071 REES DAVID 449-6563 +8
11113 BRISTOL CAROL 449-2494 8

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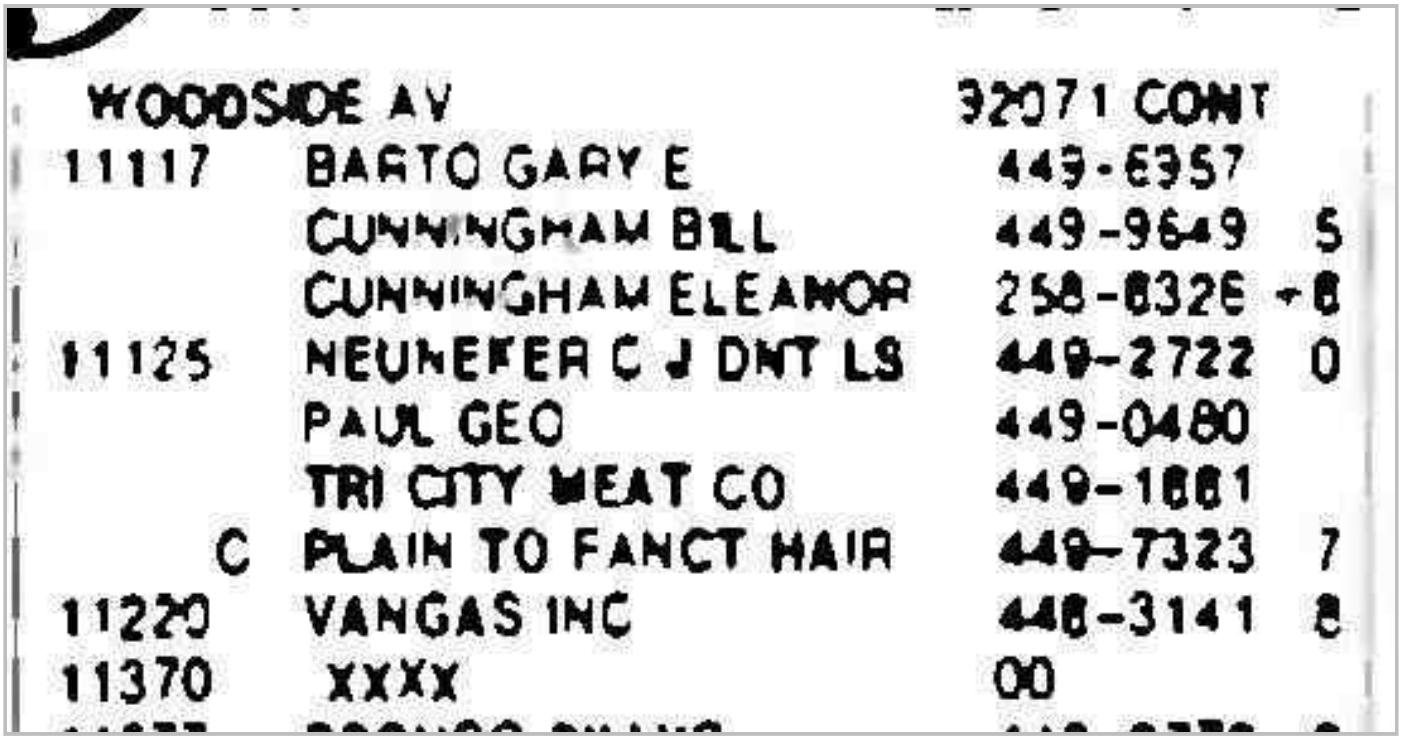

| | | | |
|---|---|---|---|
| WOODSIDE AV | | 32071 CONT | |
| 11117 | BARTO GARY E | 449-6357 | |
| | CUNNINGHAM BILL | 449-9649 | S |
| | CUNNINGHAM ELEANOR | 258-8326 | +8 |
| 11125 | NEUNEFER C J DNT LS | 449-2722 | 0 |
| | PAUL GEO | 449-0480 | |
| | TRI CITY MEAT CO | 449-1881 | |
| C | PLAIN TO FANCT HAIR | 449-7323 | 7 |
| 11220 | VANGAS INC | 448-3141 | 8 |
| 11370 | XXXX | 00 | |

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## WOODSIDE AVE N 1982

| | | | |
|---|---|---|---|
| 10769 | BELVEDERE LIQUOR | 448-4575 | 1 |
| | CORY CORRAL | 562-3660 | 1 |
| | SUNLIGHT ELECTRIC | 582-0540 | +2 |
| 10800 | MISSION DEL MAGNLIA | | |
| 83 | ADAIR ARTHUR J OR | 448-7572 | |
| 83 | ADAIR C E | 562-2025 | 8 |
| 60 | AINSWORTH GENE | 448-1048 | 3 |
| 49 | ALLSSROOK DAVID JR | 448-0586 | 5 |
| 64 | AMUNDSON BRADLEY | 562-3807 | 0 |
| | ANAYA ALFREOO | 449-3681 | +2 |
| 43 | ARMSTRONG OORIS A | 448-2576 | |
| 43 | ARMSTRONG GERALD R | 448-2576 | |
| | ASCHARZADEH IRAJ | 448-1639 | +2 |
| 191 | AUSTIN ROY Q | 448-6863 | 8 |
| 78 | BARROWS A M | 562-2384 | 9 |
| 60 | BAUERS RUSSELL J SR | 448-4011 | |
| 238 | BEDFORO ROLAND | 449-0855 | 8 |
| | BELOATE JERRY | 449-3314 | +2 |
| 119 | BENCH M R | 448-3521 | 8 |
| 13 | BENSON EMERY E | 448-2062 | 5 |
| | BERTHOLET OIANE | 562-2469 | +2 |
| 103 | BEVERIDGE RICHARO | 448-9098 | 1 |
| 210 | BOLLENBACH J | 448-2923 | |
| 25 | BOWMAN ETHEL M | 449-5939 | 1 |

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| | | | |
|---|---|---|---|
| 25 | BOWMAN HARRY M | 449-7774 | 0 |
| | BRADEN K R | 449-2603 | +2 |
| 165 | BREHM WM C | 449-5537 | 3 |
| | BREMNER DARRELL | 449-2125 | +2 |
| 85 | BRISKER JACK | 448-0553 | 1 |
| 233 | BROADHEAD J D | 449-1436 | 9 |
| 183 | BROWN WALTER L | 449-4002 | 7 |
| 250 | BUCKEL JAS E | 567-5582 | 1 |
| 84 | BURK FRANCES | 449-9305 | 4 |
| | BUSO BOB | 449-0375 | +2 |
| 82 | CAMPBELL LOWELL A | 448-5367 | 7 |
| 118 | CAYWOOD TOM D | 449-7399 | 0 |
| 221 | CHRISTL DEBORAH | 449-4380 | 1 |
| | CLARKE ROBT | 448-8418 | 1 |
| 134 | CLEMENT ROBT | 449-508 | 1 |
| 227 | CLONTS RONALD D | 567-5065 | 1 |
| | COMAN RICHARD | 448-4-2 | +2 |
| 197 | COLDWELL LUCILLE | 449-9748 | 9 |
| | COLLIES BRIAN N | 448-2265 | +2 |
| 122 | CONSTABLE RAYMOND | 562-4002 | 1 |
| 231 | COOPER HESTER R | 562-2439 | 9 |
| 39 | COPE CHAS L | 449-0454 | |
| 14 | CRAIG V J CONST | 448-2430 | 9 |
| 82 | CULBERT WM | 448-4349 | 7 |
| | DAMICO CONNIE | 448-6242 | +2 |
| | DANFORD RICHARD | 562-2461 | +2 |
| 137 | DARROW T | 449-8538 | 7 |
| 189 | DART RADFORD | 449-9318 | 0 |
| 181 | DAVIS JOHN H JR | 449-2431 | 4 |
| | DELGADO DOROTHY | 449-2373 | |
| 242 | DURAND DONALD C | 449-4398 | 9 |
| 187 | ECCLES RAYMOND W | 449-0713 | 7 |
| | ESCOBOSA MARY T | 562-0598 | 8 |
| | FALK BRAD | 562-1670 | 1 |
| 158 | FILLIAN ROBT W | 562-5333 | 1 |
| 27 | FREE STEWARD | 562-4649 | 1 |
| | FREY MARK D | 562-0086 | +2 |
| | GANS PETE | 562-6743 | +2 |
| 32 | GESS BRIAN | 567-2681 | 0 |
| 136 | GILLSON RUSSELL E | 448-9972 | 3 |
| 38 | GONZALES E M | 449-1138 | 7 |
| 138 | GONZALEZ W | 448-2630 | 9 |
| 22 | GOOD HUGH C | 449-3468 | 0 |
| 248 | GOSLIN EARL G | 448-7481 | |
| 162 | GOWENS M L | 448-7791 | 7 |
| 50 | GRINNELL EARL S | 449-1868 | 6 |
| 198 | GROSS ROBT SR | 448-8345 | 3 |
| | GUARINO M J | 449-0481 | +2 |
| 219 | HAEFNER FRANK | 449-2759 | 0 |
| 16 | HALL MILDRED L | 448-0851 | |
| 6 | HANS M A | 448-8275 | 0 |
| 53 | HANSEN H R | 448-4089 | |
| | HANSON RICHARD | 448-1845 | +2 |
| 109 | HARGREAVES AUDREY | 449-8515 | 7 |
| | HARTZ BELVA | 562-6869 | 1 |
| 202 | HENDRICKS TOM S | 449-0722 | 8 |
| 5 | HENRY ROYAL H | 449-3790 | 7 |
| | HIBEN DANNY | 448-6991 | 0 |
| 97 | HIBBING B | 448-7430 | 1 |
| | HILL HOS | 562-5157 | 0 |
| 8 | HOWE JAS M | 449-3614 | 3 |
| 1 | HOWELL WILLIE R | 449-7498 | 4 |
| 16 | HUDSON JAS H JR | 562-0729 | 6 |
| 14 | HUTCHINS B E | 449-1063 | 4 |
| 84 | HUTCHINS EVELYN | 449-0081 | |
| 232 | JACOBSON HARRY | 449-6138 | 1 |
| | JOHNSON GREGG | 562-3895 | 0 |
| | JOHNSON JEFF | 562-1789 | +2 |
| 156 | JOHNSTON E R MRS | 448-9781 | |
| | JOHNSTON ROGER | 448-3718 | +2 |
| | KEKEMEH MICHAEL | 448-5457 | +2 |
| | KELLER G B | 562-0314 | 1 |
| | KERTSON KEVIN | 562-0622 | +2 |
| | KOZELUH MIKE | 562-6523 | +2 |
| 21 | KRESSEL JOS W | 449-3354 | 8 |
| 40 | LAFAIR MARY L | 449-7732 | 4 |
| 228 | LANGFORD BONNIE B | 449-1353 | 5 |
| 236 | LANGFORD JIM | 449-9171 | 9 |
| | LAWTON GARY J | 562-7505 | +2 |
| | LEUTHARD JEFFREY A | 448-2864 | 0 |
| 163 | LINCOLN LEO B | 448-8409 | 8 |
| 179 | LOUNSBURY V J | 449-9821 | 0 |
| 77 | LOWE JOHN J | 448-5184 | |
| 112 | LOWEN DONALD E | 449-7306 | 7 |
| 31 | LUCAS GERALD | 562-1455 | 0 |
| 4 | KIN ANTON J | 448-829 | 9 |
| 193 | LYNCH JAMES J | 449-8498 | 9 |
| 36 | MAYO DAVID | 448-8638 | 7 |
| 130 | MCBRIDE H W | 449-4628 | |
| 35 | MCCARTY EUGENE | 449-2865 | 8 |
| 190 | MCFARLAND JAS E | 449-4666 | |
| 23 | MCCLURE C A | 562-6159 | 0 |
| 184 | MCINTOSH NELSON P | 448-2888 | 8 |
| 54 | MCKEEVER H R | 448-0772 | |
| | MCNICHOLS C S | 562-4628 | +2 |
| 23 | MCSPADDEN L T | 562-5159 | 0 |
| | MESSINA JOSEPH L | 448-1E07 | +2 |
| 172 | MILLER PAUL N | 567-1392 | 0 |
| 75 | MISSION DEL MAGNOLIA | 449-1500 | 1 |
| 66 | MITCHELL J T | 448-0128 | 8 |
| | MOORE C | 562-4169 | 0 |
| | MOORE T J | 448-9040 | +2 |
| | MOWER H E | 443-6719 | 8 |
| 192 | MUNRO E | 448-9644 | 9 |
| 108 | NEAL MICHAEL E | 562-1435 | 8 |
| 230 | NEWTON RICHARD | 448-5066 | 9 |
| | NIPPER HARVEY | 562-1275 | +2 |
| 41 | ODEKIRK ELRE B | 448-4550 | 9 |
| 111 | OLIVER I E | 449-6752 | 3 |
| 196 | OLSON CARL W | 449-2115 | 8 |
| | OWEN THOS | 567-9281 | 1 |
| 79 | PETERSON D C | 448-8028 | |
| 18 | POWELL TOMMIE G | 449-3692 | |
| 127 | PRICE PAUL STEVEN | 448-2943 | 0 |
| | PULLEN ROPY C | 562-3921 | +2 |
| | RAMOS LEE R | 449-7632 | +2 |
| 154 | REED ALVIN J | 449-1764 | |
| 209 | REID GARY L | 562-0985 | 9 |
| | RICH WM | 448-3255 | 1 |
| 91 | RICHARDS LARRY | 449-6562 | 8 |
| 179 | RIDER DENIS | 448-4362 | 9 |
| 155 | RIEGEL LOUISE | 449-4632 | 4 |
| 173 | ROBINSON S F | 562-2583 | 1 |
| | ROBUTKA JOHN | 562-2364 | +2 |
| 57 | ROSENBERGER R E | 448-5389 | 0 |
| | ROSS CURTIS L | 449-8908 | 1 |
| 229 | ROTHNER VIVIAN | 449-4563 | 3 |
| 175 | RUIS AMBY | 567-0573 | 1 |
| | SCHADT BILL | 449-3963 | 1 |
| 213 | SCHILLER IRIS | 562-1419 | 7 |
| 81 | SCHULZ RICHARD P | 449-9318 | 8 |
| 51 | SHAW JOS L | 448-3583 | 6 |
| 174 | SHOOK LILLIAN L | 562-0961 | 8 |
| 110 | SHULL VERNA | 448-7550 | 3 |
| 101 | SHUMWAY L S | 449-8895 | 1 |
| | SIGLER KENNETH | 449-5832 | +2 |
| | SIMMONS H D | 562-2124 | +2 |
| 238 | SMITH GENEVIEVE K | 448-5897 | 9 |
| 92 | SPIEGEL A B | 448-0612 | 9 |
| 99 | SPELLER CLIFTON A | 449-4856 | 6 |
| 217 | SPIRZ TALITHA C | 448-5806 | 6 |
| 187 | STEMMER JOSEPH C | 562-1622 | 9 |
| 16 | STERLING J M | 449-6320 | 1 |
| | TATUM LARRY | 448-4453 | +2 |
| 66 | TERSAY EUGENE | 448-0467 | 1 |
| | TENA ERIC | 562-8048 | 1 |
| 30 | THIES D M | 448-1286 | 5 |
| 100 | TITONE MICHAEL | 448-3650 | |
| 141 | TOUCHETTE Y C | 449-7997 | 9 |
| 66 | TRIMBLE GUY | 449-0689 | |
| | TUNUAFU T | 449-5570 | 1 |
| 246 | VACURA C M | 449-0025 | 5 |
| 69 | VANCE G C | 448-8063 | |
| 215 | WALDRON BEULAH | 562-0623 | 8 |
| 85 | WARD JOS A | 448-9270 | 5 |
| | WARD L M | 562-7598 | +2 |
| | WEBB WINIFRED S | 449-3948 | 6 |

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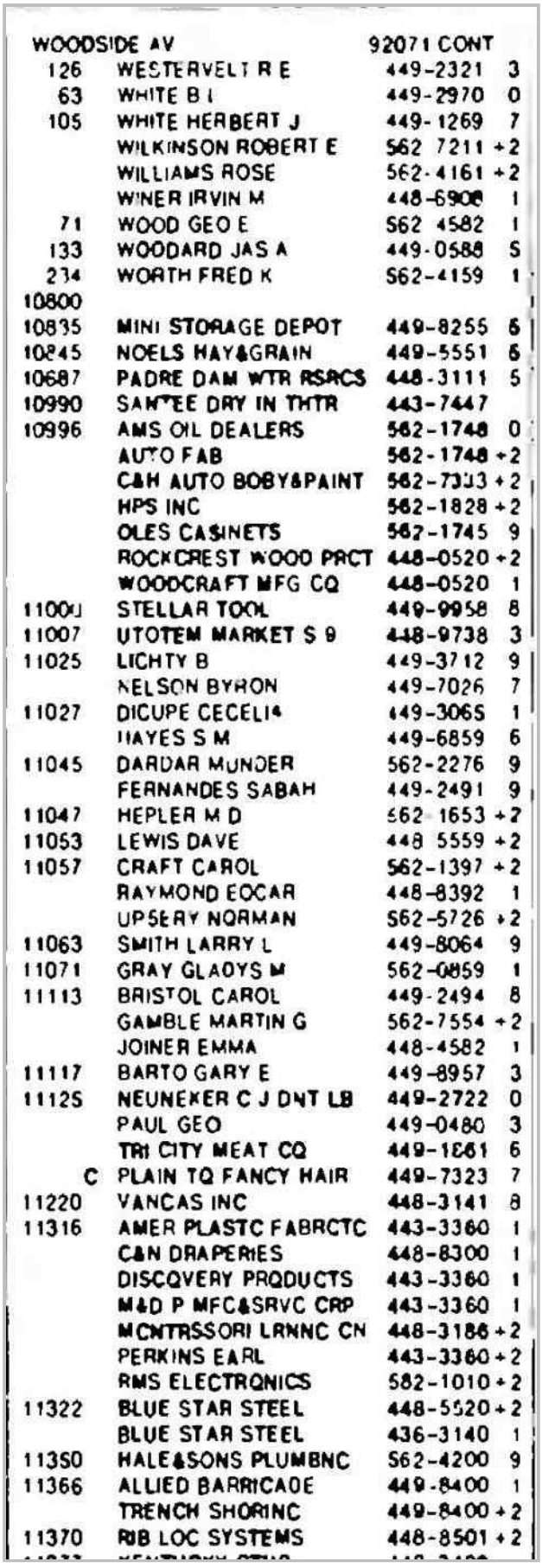
# WOODSIDE AVE N 1982



WOODSIDE AV 92071 CONT

| | | | |
|---|---|---|---|
| 126 | WESTERVELT R E | 449-2321 | 3 |
| 63 | WHITE B I | 449-2970 | 0 |
| 105 | WHITE HERBERT J | 449-1269 | 7 |
| | WILKINSON ROBERT E | 562 7211 | +2 |
| | WILLIAMS ROSE | 562-4161 | +2 |
| | WINER IRVIN M | 448-6908 | 1 |
| 71 | WOOD GEO E | 562 4582 | 1 |
| 133 | WOODARD JAS A | 449-0588 | 5 |
| 234 | WORTH FRED K | 562-4159 | 1 |
| 10800 | | | |
| 10835 | MINI STORAGE DEPOT | 449-8255 | 6 |
| 10845 | NOELS HAY&GRAIN | 449-5551 | 6 |
| 10687 | PADRE DAM WTR RSRCS | 448-3111 | 5 |
| 10990 | SANTEE DRY IN THTR | 443-7447 | |
| 10996 | AMS OIL DEALERS | 562-1748 | 0 |
| | AUTO FAB | 562-1748 | +2 |
| | C&H AUTO BODY&PAINT | 562-7303 | +2 |
| | HPS INC | 562-1828 | +2 |
| | OLES CABINETS | 562-1745 | 9 |
| | ROCKCREST WOOD PRCT | 448-0520 | +2 |
| | WOODCRAFT MFG CO | 448-0520 | 1 |
| 11000 | STELLAR TOOL | 449-9958 | 8 |
| 11007 | UTOTEM MARKET S 9 | 448-9738 | 3 |
| 11025 | LICHTY B | 449-3712 | 9 |
| | NELSON BYRON | 449-7026 | 7 |
| 11027 | DICUPE CECELIA | 449-3065 | 1 |
| | HAYES S M | 449-6859 | 6 |
| 11045 | DARDAR MUNDER | 562-2276 | 9 |
| | FERNANDES SABAH | 449-2491 | 9 |
| 11047 | HEPLER M D | 562 1653 | +2 |
| 11053 | LEWIS DAVE | 448 5559 | +2 |
| 11057 | CRAFT CAROL | 562-1397 | +2 |
| | RAYMOND EOCAR | 448-8392 | 1 |
| | UPSERY NORMAN | 562-5726 | +2 |
| 11063 | SMITH LARRY L | 449-8064 | 9 |
| 11071 | GRAY GLADYS M | 562-0859 | 1 |
| 11113 | BRISTOL CAROL | 449-2494 | 8 |
| | GAMBLE MARTIN G | 562-7554 | +2 |
| | JOINER EMMA | 448-4582 | 1 |
| 11117 | BARTO GARY E | 449-8957 | 3 |
| 11125 | NEUNEKER C J DNT LB | 449-2722 | 0 |
| | PAUL GEO | 449-0480 | 3 |
| | TRI CITY MEAT CO | 449-1061 | 6 |
| C | PLAIN TO FANCY HAIR | 449-7323 | 7 |
| 11220 | VANCAS INC | 448-3141 | 8 |
| 11316 | AMER PLASTC FABRCTC | 443-3360 | 1 |
| | C&N DRAPERIES | 448-8300 | 1 |
| | DISCOVERY PRODUCTS | 443-3360 | 1 |
| | M&D P MFC&SRVC CRP | 443-3360 | 1 |
| | MONTESSORI LRNNG CN | 448-3186 | +2 |
| | PERKINS EARL | 443-3360 | +2 |
| | RMS ELECTRONICS | 582-1010 | +2 |
| 11322 | BLUE STAR STEEL | 448-5520 | +2 |
| | BLUE STAR STEEL | 436-3140 | 1 |
| 11350 | HALE&SONS PLUMBNG | 562-4200 | 9 |
| 11366 | ALLIED BARRICADE | 449-8400 | 1 |
| | TRENCH SHORING | 449-8400 | +2 |
| 11370 | RIB LOC SYSTEMS | 448-8501 | +2 |

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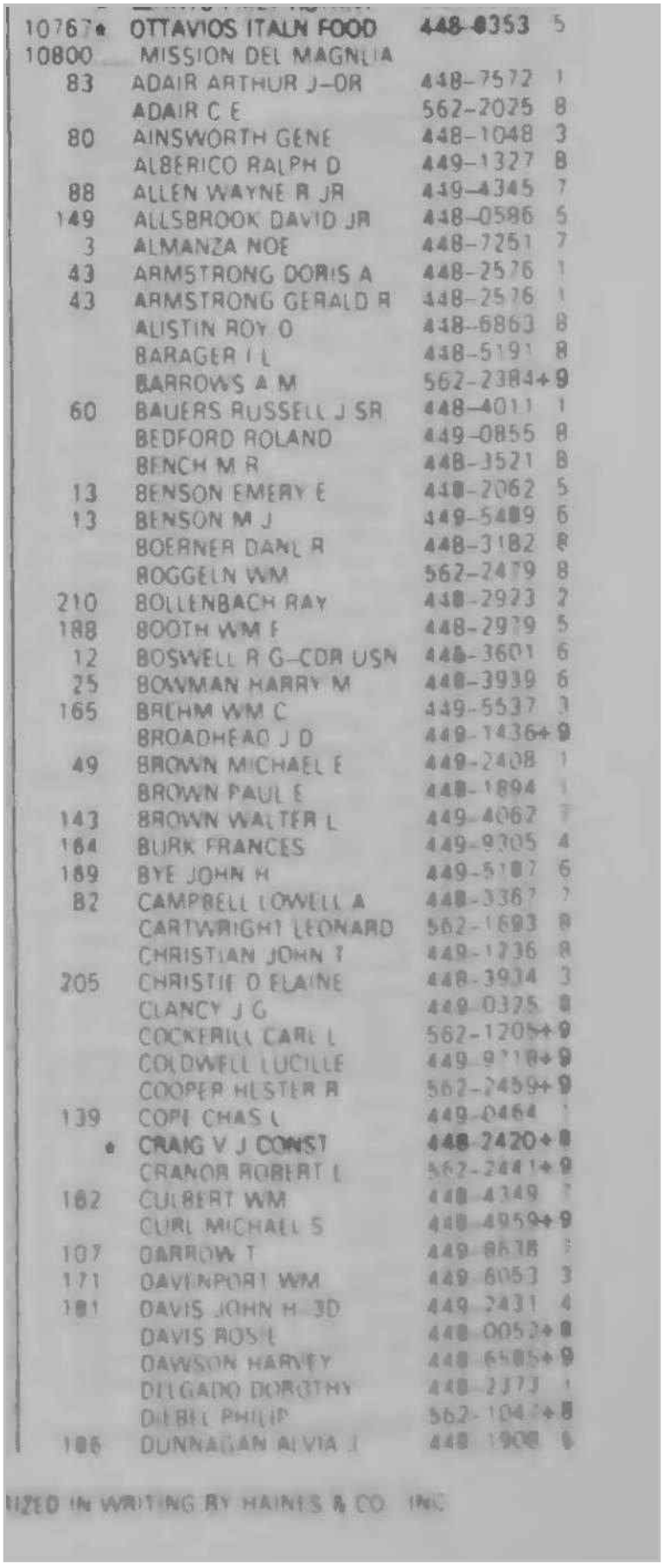
# WOODSIDE AVE N 1979



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| 10800 | MISSION DEL MAGNLIA | | |
| 83 | ADAIR ARTHUR J-DR | 448-7572 | 1 |
| | ADAIR C E | 562-2025 | 8 |
| 80 | AINSWORTH GENE | 448-1048 | 3 |
| | ALBERICO RALPH D | 449-1327 | 8 |
| 88 | ALLEN WAYNE R JR | 449-4345 | 7 |
| 149 | ALLSBROOK DAVID JR | 448-0596 | 5 |
| 3 | ALMANZA NOE | 448-7251 | 7 |
| 43 | ARMSTRONG DORIS A | 448-2576 | 1 |
| 43 | ARMSTRONG GERALD R | 448-2576 | 1 |
| | AUSTIN ROY O | 448-6863 | 8 |
| | BARAGER I L | 448-5191 | 8 |
| | BARROWS A M | 562-2384+ | 9 |
| 60 | BAUERS RUSSELL J SR | 448-4011 | 1 |
| | BEDFORD ROLAND | 449-0855 | 8 |
| | BENCH M R | 448-3521 | 8 |
| 13 | BENSON EMERY E | 448-2062 | 5 |
| 13 | BENSON M J | 449-5489 | 6 |
| | BOERNER DANL R | 448-3182 | 8 |
| | BOGGELN WM | 562-2479 | 8 |
| 210 | BOLLENBACH RAY | 448-2923 | 2 |
| 188 | BOOTH WM F | 448-2979 | 5 |
| 12 | BOSWELL R G-CDR USN | 448-3601 | 6 |
| 25 | BOWMAN HARRY M | 448-3939 | 6 |
| 165 | BRUHM WM C | 449-5537 | 3 |
| | BROADHEAD J D | 449-1436+ | 9 |
| 49 | BROWN MICHAEL E | 449-2408 | 1 |
| | BROWN PAUL E | 448-1894 | 1 |
| 143 | BROWN WALTER L | 449-4067 | 7 |
| 164 | BURK FRANCES | 449-9705 | 4 |
| 189 | BYE JOHN H | 449-5187 | 6 |
| 82 | CAMPBELL LOWELL A | 448-3367 | 7 |
| | CARTWRIGHT LEONARD | 562-1693 | 8 |
| | CHRISTIAN JOHN T | 449-1736 | 8 |
| 205 | CHRISTIE O ELAINE | 448-3934 | 3 |
| | CLANCY J G | 449-0375 | 8 |
| | COCKERILL CARL L | 562-1205+ | 9 |
| | COLDWELL LUCILLE | 449-9118+ | 9 |
| | COOPER HESTER R | 562-2459+ | 9 |
| 139 | COPE CHAS L | 449-0464 | 1 |
| • | CRAIG V J CONST | 448-2420+ | 8 |
| | CRANOR ROBERT L | 562-2441+ | 9 |
| 182 | CULBERT WM | 448-4349 | 7 |
| | CURL MICHAEL S | 448-4959+ | 9 |
| 107 | DARROW T | 449-8638 | 3 |
| 171 | DAVENPORT WM | 449-6053 | 3 |
| 181 | DAVIS JOHN H JD | 449-2431 | 4 |
| | DAVIS ROSIE | 448-0052+ | 8 |
| | DAWSON HARVEY | 448-6485+ | 9 |
| | DELGADO DOROTHY | 448-2373 | 1 |
| | DUBEL PHILIP | 562-1047+ | 8 |
| 186 | DUNNAGAN ALVIA J | 448-1908 | 6 |

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WOODSIDE AV — 97011 CONT

| | | |
|---|---|---|
| | DURAND DONALD C | 449-4398+9 |
| 187 | ECCLES RAYMOND W | 449-0713 |
| 140 | EMERICK ROBT | 449-2069 |
| | ESCOBOSA MARY | 582-0586 |
| | EVEN GLEN | 448-4959+8 |
| | FALK BRADEN M | 581-1623+9 |
| | FELIO MARK | 582-3905+9 |
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| | GARCIA GEO T | 562-0573 |
| 126 | GILLSON RUSSELL E | 448-9872 |
| 139 | GONZALES E H | 449-1139 |
| | GONZALEZ CAMILO | 448-2830+9 |
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| 113 | GRASMICK DARL N | 449-7365 |
| | GRASMICK RANDAL | 562-0598 |
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| | GROSS KEITH | 449-8285 |
| 198 | GROSS ROBT SR | 448-8345 |
| 97 | GUIRE L E | 449-2856 |
| 167 | HALL MILDRED L | 448-0851 |
| 53 | HANSEN H R | 448-4083 |
| 109 | HARGREAVES AUDREY | 449-8515 |
| | HENDRICKS TOM S | 449-0722 |
| 5 | HENRY ROYAL H | 449-3790 |
| 1 | HIESTAND MARK | 448-0451 |
| 21 | HOKE P B | 449-0746 |
| 241 | HOLMAN CHAS D | 448-9667 |
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| | HOOVER DENNIS A | 448-9468 |
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| 127 | JETT B L | 448-8401 |
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| | LYNCH JAMES J | 449-8498+9 |
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| 118 | RICHARDSON RUTH E | 449-7484 |
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| | SABINS SHERRY | 449-4345 |
| 213 | SCHILLER IRIS-MRS | 562-1419 |
| 145 | SCHMITT TERRY | 448-4810 |
| | SCHULZ RICHARD P | 449-9318 |
| 68 | SCOTT GERALD D | 449-0145 |
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| 110 | SHULL VERNA | 448-7550 |
| | SMITH GENEVIEVE K | 448-5897+8 |
| | SMITH JOHN | 562-0873 |
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| 248 | VACUNA C M | 449-9025 |
| | VANSLOO PETER | 448-8719+9 |
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| | WALDRON BEULAH | 562-0823 |
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| 9 | WHITE PETE | 448-2159 |
| | WILLIAMS S L | 448-5191 |
| 182 | WILSON GERALD W | 449-2643 |
| 103 | WOODARD JAS A | 449-0589 |
| 137 | WRIGHT ALMA M | 448-4869 |
| 188 | WRIGHT EDWIN P | 449-4868 |
| 10800 | | |
| 10835a | MINI STORAGE DEPOT | 449-8288 |

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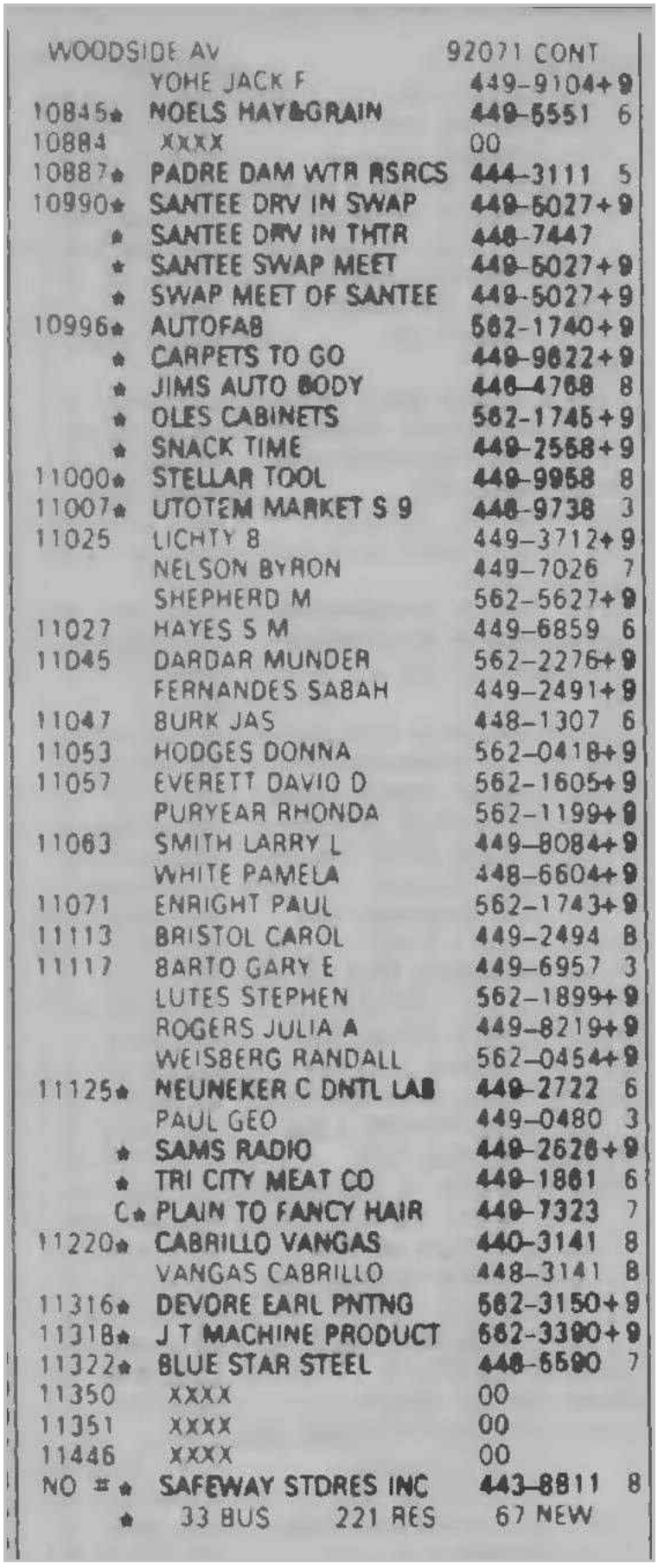

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| 10884 | XXXX | 00 | |
| 10887★ | PADRE DAM WTR RSRCS | 444-3111 | 5 |
| 10990★ | SANTEE DRV IN SWAP | 449-5027+9 | |
| ★ | SANTEE DRV IN THTR | 448-7447 | |
| ★ | SANTEE SWAP MEET | 449-5027+9 | |
| ★ | SWAP MEET OF SANTEE | 449-5027+9 | |
| 10996★ | AUTOFAB | 562-1740+9 | |
| ★ | CARPETS TO GO | 449-9622+9 | |
| ★ | JIMS AUTO BODY | 448-4768 | 8 |
| ★ | OLES CABINETS | 562-1745+9 | |
| ★ | SNACK TIME | 449-2568+9 | |
| 11000★ | STELLAR TOOL | 449-9958 | 8 |
| 11007★ | UTOTEM MARKET S 9 | 448-9738 | 3 |
| 11025 | LICHTY B | 449-3712+9 | |
| | NELSON BYRON | 449-7026 | 7 |
| | SHEPHERD M | 562-5627+9 | |
| 11027 | HAYES S M | 449-6859 | 6 |
| 11045 | DARDAR MUNDER | 562-2276+9 | |
| | FERNANDES SABAH | 449-2491+9 | |
| 11047 | BURK JAS | 448-1307 | 6 |
| 11053 | HODGES DONNA | 562-0418+9 | |
| 11057 | EVERETT DAVID D | 562-1605+9 | |
| | PURYEAR RHONDA | 562-1199+9 | |
| 11063 | SMITH LARRY L | 449-8084+9 | |
| | WHITE PAMELA | 448-6604+9 | |
| 11071 | ENRIGHT PAUL | 562-1743+9 | |
| 11113 | BRISTOL CAROL | 449-2494 | 8 |
| 11117 | BARTO GARY E | 449-6957 | 3 |
| | LUTES STEPHEN | 562-1899+9 | |
| | ROGERS JULIA A | 449-8219+9 | |
| | WEISBERG RANDALL | 562-0454+9 | |
| 11125★ | NEUNEKER C DNTL LAB | 448-2722 | 6 |
| | PAUL GEO | 449-0480 | 3 |
| ★ | SAMS RADIO | 448-2628+9 | |
| ★ | TRI CITY MEAT CO | 449-1861 | 6 |
| C★ | PLAIN TO FANCY HAIR | 448-7323 | 7 |
| 11220★ | CABRILLO VANGAS | 440-3141 | 8 |
| | VANGAS CABRILLO | 448-3141 | 8 |
| 11316★ | DEVORE EARL PNTNG | 562-3150+9 | |
| 11318★ | J T MACHINE PRODUCT | 562-3380+9 | |
| 11322★ | BLUE STAR STEEL | 448-6580 | 7 |
| 11350 | XXXX | 00 | |
| 11351 | XXXX | 00 | |
| 11446 | XXXX | 00 | |
| NO ≠★ | SAFEWAY STORES INC | 443-8811 | 8 |
| ★ | 33 BUS 221 RES | 67 NEW | |

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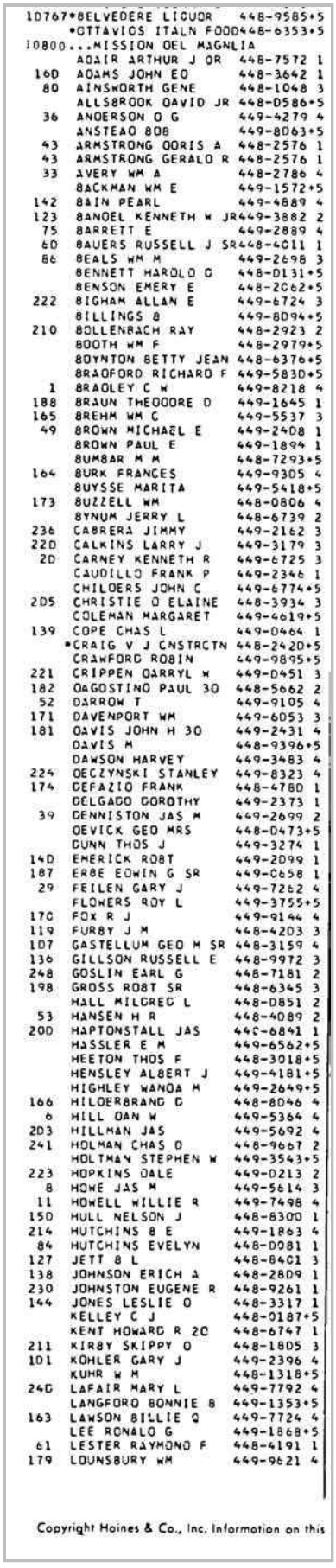

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10767*BELVEDERE LIQUOR      448-9585*5
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10800...MISSION OEL MAGNLIA
      ADAIR ARTHUR J OR     448-7572 1
  160 ADAMS JOHN EO         448-3642 1
   80 AINSWORTH GENE        448-1048 3
      ALLSBROOK DAVID JR    448-D586*5
   36 ANDERSON O G          449-4279 4
      ANSTEAD BOB           449-8063*5
   43 ARMSTRONG DORIS A     448-2576 1
   43 ARMSTRONG GERALD R    448-2576 1
   33 AVERY WM A            448-2786 4
      BACKMAN WM E          449-1572*5
  142 BAIN PEARL            449-4889 4
  123 BANDEL KENNETH W JR   449-3882 2
   75 BARRETT E             449-2889 4
   60 BAUERS RUSSELL J SR   448-4C11 1
   86 BEALS WM M            449-2698 3
      BENNETT HAROLD D      448-D131*5
      BENSON EMERY E        448-2C62*5
  222 BIGHAM ALLAN E        449-6724 3
      BILLINGS B            449-8D94*5
  210 BOLLENBACH RAY        448-2923 2
      BOOTH WM F            448-2979*5
      BOYNTON BETTY JEAN    448-6376*5
      BRADFORD RICHARD F    449-583D*5
    1 BRADLEY C W           449-8218 4
  188 BRAUN THEODORE D      449-1645 1
  165 BREHM WM C            449-5537 3
   49 BROWN MICHAEL E       449-2408 1
      BROWN PAUL E          449-1894 1
      BUMBAR M M            448-7293*5
  164 BURK FRANCES          449-9305 4
      BUYSSE MARITA         449-5418*5
  173 BUZZELL WM            448-0806 4
      BYNUM JERRY L         448-6739 2
  236 CABRERA JIMMY         449-2162 3
  220 CALKINS LARRY J       449-3179 3
   20 CARNEY KENNETH R      449-6725 3
      CAUDILLO FRANK P      449-2346 1
      CHILDERS JOHN C       449-6774*5
  205 CHRISTIE O ELAINE     448-3934 3
      COLEMAN MARGARET      449-4619*5
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     *CRAIG V J CNSTRCTN    448-2420*5
      CRAWFORD ROBIN        449-9895*5
  221 CRIPPEN DARRYL W      449-D451 3
  182 DAGOSTINO PAUL JO     448-5662 2
   52 DARROW T              449-9105 4
  171 DAVENPORT WM          449-6053 3
  181 DAVIS JOHN H JO       449-2431 4
      DAVIS M               448-9396*5
      DAWSON HARVEY         449-3483 4
  224 DECZYNSKI STANLEY     449-8323 4
  174 DEFAZIO FRANK         448-478D 1
      DELGADO DOROTHY       449-2373 1
   39 DENNISTON JAS M       449-2699 2
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      DUNN THOS J           449-3274 1
  140 EMERICK ROBT          449-2099 1
  187 ERBE EDWIN G SR       449-C658 1
   29 FEILEN GARY J         449-7262 4
      FLOWERS ROY L         449-3755*5
  170 FOX R J               449-9144 4
  119 FURBY J M             448-4203 3
  107 GASTELLUM GEO M SR    448-3159 4
  136 GILLSON RUSSELL E     448-9972 3
  248 GOSLIN EARL G         448-7181 2
  198 GROSS ROBT SR         448-6345 3
      HALL MILDRED L        448-D851 2
   53 HANSEN H R            448-4089 2
  200 HAPTONSTALL JAS       448-6841 1
      HASSLER E M           449-6562*5
      HEETON THOS F         448-3018*5
      HENSLEY ALBERT J      449-4181*5
      HIGHLEY WANDA M       449-2649*5
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    6 HILL DAN W            449-5364 4
  203 HILLMAN JAS           449-5692 4
  241 HOLMAN CHAS D         448-9667 2
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  223 HOPKINS DALE          449-0213 2
    8 HOWE JAS M            449-5614 3
   11 HOWELL WILLIE R       449-7498 4
  150 HULL NELSON J         448-8300 1
  214 HUTCHINS B E          449-1863 4
   84 HUTCHINS EVELYN       448-D081 1
  127 JETT B L              448-8401 3
  138 JOHNSON ERICH A       448-2809 1
  230 JOHNSTON EUGENE R     448-9261 1
  144 JONES LESLIE O        448-3317 1
      KELLEY C J            448-0187*5
      KENT HOWARD R JO      448-6747 1
  211 KIRBY SKIPPY O        448-1805 3
  101 KOHLER GARY J         449-2396 4
      KUHR W M              448-1318*5
  240 LAFAIR MARY L         449-7792 4
      LANGFORD BONNIE B     449-1353*5
  163 LAWSON BILLIE Q       449-7724 4
      LEE RONALD G          449-1868*5
   61 LESTER RAYMOND F      448-4191 1
  179 LOUNSBURY WM          449-9621 4

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..WOODSIDE AV 92C71 CONT..
59 LOWE GLORIA 449-1655 3
77 LOWE JOHN J 448-5184 1
250 LOWERY MELVIN 449-0842 1
5 MANOGIE ROBT H 449-0558 3
232 MAUNDER KENNETH H 449-6138 3
25 MAY EUGENE A 449-1703 2
55 MAYLONE RAYMOND E 449-9178 4
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37 MCINTYRE JAS C 449-6331 3
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90 MCMASTERS LISBETH 448-9352 1
MEYER ROBT J 448-6619+5
MILLER CELIA M 448-4975+5
MILLER DENNIS L 448-4975+5
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89 MOYER WM S 448-5306 4
MUMMA ROY A 449-9412+5
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50 NUDSON LAWRENCE E 449-5496 3
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PHILLIPS ETHEL E 448-9155 3
191 PICKERING J 448-9032 3
18 POWELL TOMMIE G 449-3692 2
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110 SHULL VERNA 448-7550 3
148 SMELSER GAYLE MRS 448-5275 3
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65 SUMNER DEWEY R 448-1840 1
71 SWISHER ROLLA O REV 448-0665 1
TABOR A M 449-2613 1
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76 TREANKLER LYLE 449-4137 2
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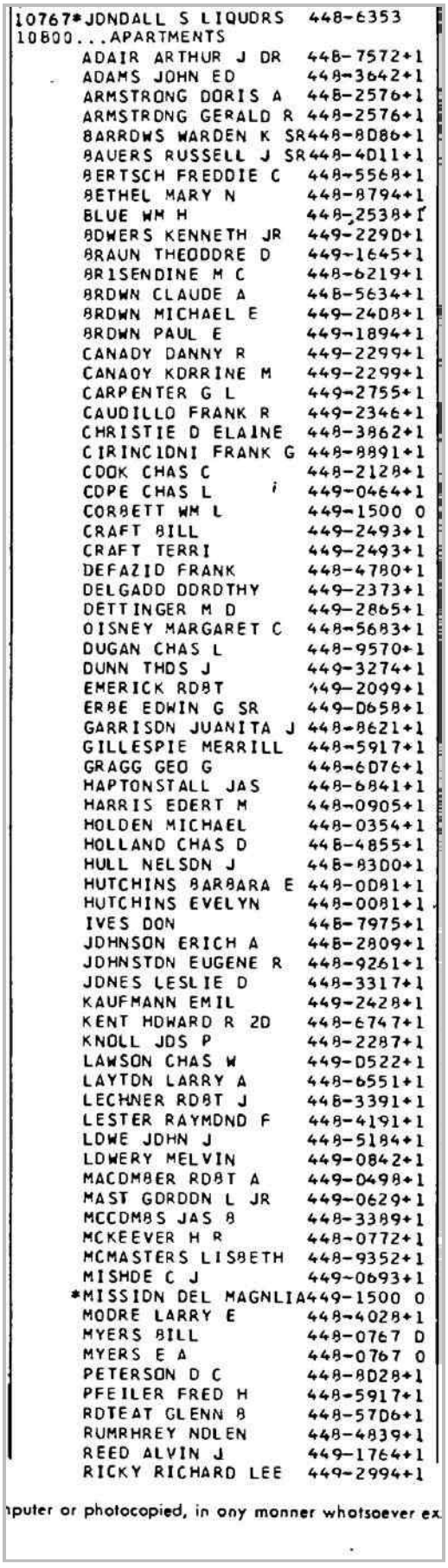
10887*PADRE DAM WTR RSRCS 448-3111+5
*SANTEE CO WTR DIST 448-3111+5
10990*SANTEE DRV IN THTR 448-7447
*SANTEE SWAP MEET 449-0690 4
11000*SCH SALES CO 448-5232+5
11007*UTOTEM MKT STR 59 448-9738 3
11025 DEMPSEY MAYJEAN 449-9392+5
MCVICKER CAROLE 449-2308+5
11027 CLEVENGER J 449-6657+5
GILL DONALD F 449-3467+5
11045 MASTRONSKI JOHN T 449-5650 4
MCCURDY M 448-6934+5
11047 BADIANG FRANK A 448-2850+5
11053 PHILBROOK JOLEN 449-5629+5
PHILBROOK LENNY 449-5506 4
POWELL BONNIE 448-2720+5
11057 KELLER ARLENE L 448-9492+5
WHITMIRE STEPHEN D 449-5730+5
11063 GRAY KAREN 449-2357+5
SQUIRE TONI 449-8677+5
11071 XXXX 00
11113 WARREN JUDY P 449-3828+5
11117 BARTO GARY E 449-6957 3
STEWART ROSS A 449-6525+5
WATTS BARBARA J 448-7354+5
WATTS NEO E 448-7354+5
11125*BOYLE ROY A 448-3397+5
*BOYLE ULMER&ASSOCTS 448-3397+5
*HOMESTEADERS LIFE 448-3397+5
PAUL GEO 449-0480 3
C*GYPSY LADY BTY SLN 449-7323 4
11316 CHYLEWSKI A REV 448-4523
11350*BCB PLASTICS LTD 448-5925+5
11400*FREEWAY TRAILER CTR 449-8505 4
* 20 BUS 207 RES 81 NEW

page may not be key punched, entered into a comp

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Haines Criss-Cross Directory |

# WOODSIDE AVE N 1971



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10767*JONDALL S LIQUORS  448-6353
10800...APARTMENTS
       ADAIR ARTHUR J DR  448-7572+1
       ADAMS JOHN ED      448-3642+1
       ARMSTRONG DORIS A  448-2576+1
       ARMSTRONG GERALD R 448-2576+1
       BARROWS WARDEN K SR448-8086+1
       BAUERS RUSSELL J SR448-4011+1
       BERTSCH FREDDIE C  448-5568+1
       BETHEL MARY N      448-8794+1
       BLUE WM H          448-2538+1
       BOWERS KENNETH JR  449-2290+1
       BRAUN THEODORE D   449-1645+1
       BRISENDINE M C     448-6219+1
       BROWN CLAUDE A     448-5634+1
       BROWN MICHAEL E    449-2408+1
       BROWN PAUL E       449-1894+1
       CANADY DANNY R     449-2299+1
       CANADY KORRINE M   449-2299+1
       CARPENTER G L      449-2755+1
       CAUDILLO FRANK R   449-2346+1
       CHRISTIE D ELAINE  448-3862+1
       CIRINCIONI FRANK G 448-8891+1
       COOK CHAS C        448-2128+1
       COPE CHAS L        449-0464+1
       CORBETT WM L       449-1500 0
       CRAFT BILL         449-2493+1
       CRAFT TERRI        449-2493+1
       DEFAZIO FRANK      448-4780+1
       DELGADO DOROTHY    449-2373+1
       DETTINGER M D      449-2865+1
       DISNEY MARGARET C  448-5683+1
       DUGAN CHAS L       448-9570+1
       DUNN THOS J        449-3274+1
       EMERICK ROBT       449-2099+1
       ERBE EDWIN G SR    449-0658+1
       GARRISON JUANITA J 448-8621+1
       GILLESPIE MERRILL  448-5917+1
       GRAGG GEO G        448-6076+1
       HAPTONSTALL JAS    448-6841+1
       HARRIS EDERT M     448-0905+1
       HOLDEN MICHAEL     448-0354+1
       HOLLAND CHAS D     448-4855+1
       HULL NELSON J      448-8300+1
       HUTCHINS BARBARA E 448-0081+1
       HUTCHINS EVELYN    448-0081+1
       IVES DON           448-7975+1
       JOHNSON ERICH A    448-2809+1
       JOHNSTON EUGENE R  448-9261+1
       JONES LESLIE D     448-3317+1
       KAUFMANN EMIL      449-2428+1
       KENT HOWARD R 2D   448-6747+1
       KNOLL JOS P        448-2287+1
       LAWSON CHAS W      449-0522+1
       LAYTON LARRY A     448-6551+1
       LECHNER ROBT J     448-3391+1
       LESTER RAYMOND F   448-4191+1
       LOWE JOHN J        448-5184+1
       LOWERY MELVIN      449-0842+1
       MACOMBER ROBT A    449-0498+1
       MAST GORDON L JR   449-0629+1
       MCCOMBS JAS B      448-3389+1
       MCKEEVER H R       448-0772+1
       MCMASTERS LISBETH  448-9352+1
       MISHOE C J         449-0693+1
      *MISSION DEL MAGNLIA449-1500 0
       MOORE LARRY E      448-4028+1
       MYERS BILL         448-0767 0
       MYERS E A          448-0767 0
       PETERSON D C       448-8028+1
       PFEILER FRED H     448-5917+1
       ROTEAT GLENN B     448-5706+1
       RUMRHREY NOLEN     448-4839+1
       REED ALVIN J       449-1764+1
       RICKY RICHARD LEE  449-2994+1
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puter or photocopied, in any manner whatsoever ex

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Haines Criss-Cross Directory |

## WOODSIDE AVE N 1971

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..WODOSIOE AV                92D71 CDNT..
       RDSENBERGER C B          448-5369+1
       ROSENWALD EDW C          449-1184+1
       RUTLEDGE C               448-3962+1
       SASKA MICHAEL            448-7274+1
       SERABIA KENNETH          449-0985+1
       SIMMDNS BARBARA J        449-2513+1
       SLDVER JOS H             448-473D+1
       STORIE ALLEN M           448-2873+1
       STDTTS R                 448-4976+1
       STRANGE EARL F           448-5171+1
       STRONG WAYNE             449-1839+1
       SUMNER DEWEY R           448-1840+1
       SUNDSTRDM PETER R        449-2591+1
       SUTTDN GUY E             448-6997+1
       SWISHER ROLLA D REV      448-D665+1
       TABDR A M                449-2613+1
       TERRY JOHN K             449-1618+1
       TINKER EARL V            448-3D83+1
       TRAMMELL HARVEY C        448-3386+1
       TRIMBLE GUY              449-D689+1
       WARREN RERRY R           448-14D5+1
       WEBB B                   448-84D1+1
       WEBER LERDY A            449-212D+1
       WEHKING JAS D            449-1372+1
       WEHKING LINDA A          449-1372+1
       WDDDARD JAS A            449-178D+1
       YAHNKE CARL R            449-2816+1
10884*DAIRYMENS LEAGUE          448-1215
       WALKER BEVAN M           448-7994
10990*SANTEE DRV IN THTR        448-7447
11ODD*VALLEY BDX CD             449-2882+1
11316 CHYLEWSKI A REV           448-4523
       PRDSE MARY R SISTER      449-1202+1
 ND # JDNDALL SANFORD           448-6352 0
      *  10 BUS  103 RES   99 NEW
```

**10990 WOODSIDE AVE N**
10990 WOODSIDE AVE N
SANTEE, CA 92071

Inquiry Number: 7126896.2s
September 22, 2022

# EDR Summary Radius Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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***Thank you for your business.***
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with any questions or comments.


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# EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## TARGET PROPERTY INFORMATION

### ADDRESS

10990 WOODSIDE AVE N
SANTEE, CA 92071

### COORDINATES

| | |
|---|---|
| Latitude (North): | 32.8481480 - 32ˆ 50' 53.33'' |
| Longitude (West): | 116.9593120 - 116ˆ 57' 33.52'' |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 503807.5 |
| UTM Y (Meters): | 3634263.0 |
| Elevation: | 356 ft. above sea level |

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|---|---|
| Target Property: | TP |
| Source: | U.S. Geological Survey |

### AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|---|---|
| Portions of Photo from: | 20140530 |
| Source: | USDA |

# MAPPED SITES SUMMARY

Target Property Address:
10990 WOODSIDE AVE N
SANTEE, CA 92071

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| A1 | AUTOFAB | 10996 WOODSIDE AVE N | RCRA NonGen / NLR | Higher | 103, 0.020, SE |
| A2 | C & H AUTO BODY & PA | 10996 WOODSIDE AVE N | CERS HAZ WASTE, EMI, CERS, HWTS | Higher | 103, 0.020, SE |
| B3 | AM/PM PAINTING & FIN | 9435 WHEATLANDS CT S | RCRA NonGen / NLR | Lower | 112, 0.021, West |
| B4 | SUSPENSION DEVELOPME | 9435 WHEATLANDS CT | RCRA NonGen / NLR | Lower | 112, 0.021, West |
| C5 | CALIBER COLLISION CE | 10910 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 159, 0.030, SW |
| C6 | CALIBER COLLISION CE | 10910 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Higher | 159, 0.030, SW |
| C7 | OLSON IRRIGATION SYS | 10910 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 159, 0.030, SW |
| C8 | MIRAGE RACING PRODUC | 10928 WHEATLANDS AV | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, NPDES,.. | Higher | 160, 0.030, SSW |
| C9 | AGILE OFF ROAD | 10928 WHEATLAND AVE | RCRA NonGen / NLR | Higher | 160, 0.030, SSW |
| C10 | YORK MANUFACTURING, | 10928 WHEATLANDS AVE | RCRA-SQG | Higher | 160, 0.030, SSW |
| D11 | DS FIBERTECH CORPORA | 11015 MISSON PARK PL | RCRA NonGen / NLR | Higher | 170, 0.032, East |
| D12 | WHITTAKER CORP | 11015 MISSION PARK S | RCRA-SQG, FINDS, ECHO | Higher | 170, 0.032, East |
| A13 | C & H AUTO BODY | 10996 NORTH WOODSIDE | RCRA-LQG | Higher | 196, 0.037, SE |
| E14 | COMPUTER INTEGRATED | 10940 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CIWQS,.. | Higher | 200, 0.038, South |
| E15 | COMPUTER INTEGRATED | 10940 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 200, 0.038, South |
| C16 | CCM ENT | 10848 WHEATLANDS AVE | SWEEPS UST, WDS | Higher | 200, 0.038, SW |
| C17 | CALIFORNIA CRAFTED M | 10848 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 200, 0.038, SW |
| C18 | CALIFORNIA CRAFTED M | 10848 WHEATLANDS AV | UST, San Diego Co. HMMD, ICIS, FTTS, HIST FTTS, US... | Higher | 200, 0.038, SW |
| C19 | ARW INC DBA ADVANCE | 10911 WHEATLANDS DR | RCRA-SQG, FINDS, ECHO, HAZNET, HWTS | Higher | 228, 0.043, SSW |
| 20 | HANSON MACHINE | 10969 WHEATLANDS AV | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 259, 0.049, SSE |
| A21 | ALTECH MACHINING INC | 11000 N WOODSIDE AVE | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 282, 0.053, ESE |
| 22 | SANTEE APARTMENTS | 11071 WOODSIDE AVE # | RCRA NonGen / NLR | Higher | 286, 0.054, SE |
| C23 | L & S PRECISION CUTT | 10925 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 291, 0.055, SSW |
| C24 | VINCENT X-RAY COMPAN | 10925 WHEATLANDS AVE | RCRA NonGen / NLR, FINDS, ECHO | Higher | 291, 0.055, SSW |
| C25 | L&S PRECISION CUTTER | 10925 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 291, 0.055, SSW |
| C26 | TOOL DEPOT | 10925 WHEATLANDS AVE | RCRA-SQG | Higher | 291, 0.055, SSW |
| F27 | KETEMA PROCESS EQUIP | 9484 MISSION PARK PL | ENVIROSTOR | Higher | 306, 0.058, ENE |
| F28 | WESTERN CONSTRUCTION | 9484 MISSION PARK PL | CPS-SLIC, San Diego Co. HMMD, EMI, HAZNET, NPDES,... | Higher | 306, 0.058, ENE |
| F29 | AMETEK, INC SANTEE D | 9484 MISSION PARK PL | RCRA-SQG, FINDS, ECHO, HAZNET, HWTS | Higher | 306, 0.058, ENE |
| F30 | WESTERN CONSTRUCTION | 9484 MISSION PARK PL | SAN DIEGO CO. SAM, San Diego Co. HMMD | Higher | 306, 0.058, ENE |
| F31 | BARE STEEL | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F32 | AMETEK, INC SANTEE D | 9484 MISSION PARK PL | RCRA-SQG, HAZNET, HWTS | Higher | 306, 0.058, ENE |
| F33 | BARE STEEL | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F34 | BARE STEEL | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F35 | BARE STEEL INC | 9484 MISSION PARK PL | RCRA NonGen / NLR | Higher | 306, 0.058, ENE |
| F36 | 9484 MISSION PARK PL | 9484 MISSION PARK PL | CERS HAZ WASTE, HAZNET, NPDES, CIWQS, CERS, HWTS | Higher | 306, 0.058, ENE |
| 37 | ALTECH MACHINING INC | 11000 WOODSIDE AVE N | RCRA NonGen / NLR | Higher | 323, 0.061, ESE |
| E38 | CALSINO INC | 10943 WHEATLANDS AVE | RCRA-SQG | Higher | 333, 0.063, South |
| G39 | JIMCO RACING INC | 9426 WHEATLANDS CT | RCRA NonGen / NLR | Higher | 347, 0.066, WSW |

# MAPPED SITES SUMMARY

Target Property Address:
10990 WOODSIDE AVE N
SANTEE, CA 92071

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| G40 | PHILIP THEARLE'S AUT | 9426 WHEATLANDS COUR | RCRA-SQG, EMI | Higher | 347, 0.066, WSW |
| G41 | JIMCO RACING, INC | 9426 WHEATLANDS CT | RCRA NonGen / NLR | Higher | 347, 0.066, WSW |
| G42 | JACK RANDALL S AUTOM | 10845 WHEATLANDS STE | RCRA-SQG, FINDS, ECHO, HAZNET, HWTS | Higher | 361, 0.068, SW |
| G43 | KIFER HYDRAULICS CO | 9440 WHEATLANDS CT S | RCRA NonGen / NLR | Lower | 414, 0.078, West |
| G44 | FUTURE MACHINE | 9440 WHEATLANDS CT # | San Diego Co. HMMD, CERS HAZ WASTE, NPDES, CIWQS,... | Lower | 414, 0.078, West |
| H45 | S&J BUILDERS & RESTO | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H46 | ALUMI CRAFT INC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H47 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H48 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | San Diego Co. HMMD, CERS HAZ WASTE, NPDES, CERS,... | Higher | 464, 0.088, SW |
| H49 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| H50 | ALUMICRAFT LLC | 10815 WHEATLANDS AVE | RCRA NonGen / NLR | Higher | 464, 0.088, SW |
| I51 | SANTEE COLLISION CEN | 9356 WHEATLANDS RD | RCRA NonGen / NLR | Higher | 507, 0.096, SSW |
| I52 | SANTEE COLLISION CEN | 9356 WHEATLANDS RD | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 507, 0.096, SSW |
| J53 | CIRCLE K STORE #2959 | 11007 WOODSIDE AVE | RCRA-SQG, SAN DIEGO CO. SAM, CPS-SLIC, San Diego... | Higher | 569, 0.108, SSE |
| J54 | TOSCO MARKETING COMP | 11007 WOODSIDE AVE | EDR Hist Auto | Higher | 569, 0.108, SSE |
| J55 | CIRCLE K #2959 | 11007 WOODSIDE AVE | UST, SWEEPS UST, SAN DIEGO CO LOP | Higher | 569, 0.108, SSE |
| I56 | SCANTIBODIES LABORAT | 9343 WHEATLANDS RD | RCRA NonGen / NLR | Higher | 640, 0.121, SSW |
| I57 | CHULA VISTA ELECTRIC | 9344 WHEATLANDS RD | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 675, 0.128, SSW |
| I58 | CHULA VISTA ELECTRIC | 9344 WHEATLANDS RD | RCRA NonGen / NLR | Higher | 675, 0.128, SSW |
| H59 | JIMCO RACING INC | 9335 STEVENS RD | CERS HAZ WASTE, HAZNET, CERS, HWTS | Higher | 716, 0.136, SW |
| H60 | JIMCO RACING INC | 9335 STEVENS RD | RCRA NonGen / NLR | Higher | 716, 0.136, SW |
| H61 | R K BURNER SHEET MET | 9335 STEVENS RD | San Diego Co. HMMD, HIST UST | Higher | 716, 0.136, SW |
| H62 | R.K. BURNER SHEET ME | 9335 STEVENS RD | San Diego Co. HMMD, HIST UST | Higher | 716, 0.136, SW |
| H63 | MASTERCRAFT MOTORSPO | 9335 STEVENS RD | RCRA NonGen / NLR | Higher | 716, 0.136, SW |
| K64 | RAFI GORGES | 11140 MEADOW TERRACE | RCRA NonGen / NLR | Higher | 762, 0.144, ESE |
| 65 | JENNIFER JONES | 9253 BLOOMDALE ST. | RCRA NonGen / NLR | Higher | 876, 0.166, SE |
| L66 | QUALITY CONTROLLED M | 9429 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 896, 0.170, West |
| L67 | QUALITY CONTROLLED M | 9429 ABRAHAM WAY | RCRA-SQG, FINDS, ECHO | Lower | 896, 0.170, West |
| L68 | QUALITY CONTROLLED M | 9429 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Lower | 896, 0.170, West |
| M69 | FETTERLEY OIL CO | 9311 STEVENS ST | San Diego Co. HMMD, SWEEPS UST, NPDES | Higher | 953, 0.180, SW |
| K70 | JORGE CONTRERAS | 11203 VIA MADONNA | RCRA NonGen / NLR | Higher | 985, 0.187, ESE |
| N71 | HYDRAULIC ELECTRIC C | 9316 WHEATLANDS RD S | CERS HAZ WASTE, CERS | Higher | 1012, 0.192, SSW |
| L72 | STRATEDGE CORPORATIO | 9424 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Lower | 1027, 0.195, West |
| L73 | STRATEDGE | 9424 ABRAHAM WAY | RCRA-SQG | Lower | 1027, 0.195, West |
| L74 | AYMAR INDUSTRIES, LL | 9434 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, NPDES, CIWQS,... | Lower | 1028, 0.195, West |
| L75 | AYMAR ENGINEERING | 9434 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1028, 0.195, West |
| O76 | CALIFORNIA CRAFTED M | 9366 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1040, 0.197, WSW |
| O77 | CALIFORNIA CRAFTED M | 9366 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1040, 0.197, WSW |
| O78 | SAN DIEGO DESIGN INC | 9366 ABRAHAM WY | RCRA-SQG, San Diego Co. HMMD, FINDS | Lower | 1040, 0.197, WSW |

## MAPPED SITES SUMMARY

Target Property Address:
10990 WOODSIDE AVE N
SANTEE, CA 92071

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| M79 | ASHLYNN MARKETING GR | 10870 HARTLEY RD #B | RCRA NonGen / NLR | Higher | 1044, 0.198, SW |
| M80 | ASHLYNN MARKETING GR | 10870 HARTLEY RD | RCRA NonGen / NLR | Higher | 1044, 0.198, SW |
| M81 | ASHLYNN MARKETING GR | 10870 HARTLEY RD STE | RCRA NonGen / NLR | Higher | 1044, 0.198, SW |
| O82 | ACCURATE AIR ENGINEE | 9356 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1085, 0.205, WSW |
| O83 | JERAMES TOOL AND MFG | 9356 ABRAHAM WAY | RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO | Higher | 1085, 0.205, WSW |
| O84 | JERAMES TOOL & MFG | 9356 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Higher | 1085, 0.205, WSW |
| O85 | STREET TRENZ INC | 9356 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1085, 0.205, WSW |
| N86 | MATHY MACHINE, INC. | 9315 WHEATLANDS RD | San Diego Co. HMMD, CERS HAZ WASTE, CERS, HWTS | Higher | 1094, 0.207, SSW |
| N87 | MATHY MACHINE INC | 9315 WHEATLANDS, #B | RCRA NonGen / NLR | Higher | 1094, 0.207, SSW |
| L88 | SOUTHBAY FOUNDRY, IN | 9444 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Lower | 1094, 0.207, West |
| L89 | SOUTH BAY FOUNDRY | 9444 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1094, 0.207, West |
| L90 | SOUTH BAY FOUNDRY IN | 9444 ABRAHAM WAY | RCRA NonGen / NLR | Lower | 1094, 0.207, West |
| P91 | EASTWOOD MACHINE, LL | 9346 ABRAHAM WAY | San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,... | Higher | 1132, 0.214, WSW |
| P92 | EASTWOOD MACHINE LLC | 9346 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1132, 0.214, WSW |
| Q93 | DISCFLO CORP | 10850 HARTLEY RD | RCRA NonGen / NLR | Higher | 1132, 0.214, SW |
| Q94 | DISCFLO CORPORATION | 10850 HARTLEY RD A | San Diego Co. HMMD, CERS HAZ WASTE, CERS | Higher | 1132, 0.214, SW |
| 95 | CHARLES HELMER | 9247 VIA ANITA | RCRA NonGen / NLR | Higher | 1142, 0.216, ESE |
| 96 | AMY SKINNER | 9240 NORTHCOTE ROAD | RCRA NonGen / NLR | Higher | 1159, 0.220, ESE |
| R97 | VISION SYSTEMS INC | 11322 WOODSIDE AVE N | RCRA-LQG | Higher | 1161, 0.220, ENE |
| R98 | VISION SYSTEMS | 11322 WOODSIDE AVENU | CERS HAZ WASTE, NPDES, CIWQS, CERS | Higher | 1161, 0.220, ENE |
| P99 | A-I-M PLASTICS INC | 9326 ABRAHAM WAY | RCRA NonGen / NLR | Higher | 1188, 0.225, WSW |
| P100 | ALTS TOOL AND MACHIN | 9316 ABRAHAM WY | RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO | Higher | 1258, 0.238, SW |
| 101 | CARLOS MERCADO | 9211 BLOOMDALE ST | RCRA NonGen / NLR | Higher | 1297, 0.246, SE |
| 102 | SPECIALTY METALS FAB | 11222 WOODSIDE AVE | RCRA NonGen / NLR | Higher | 1303, 0.247, East |
| S103 | DION & SONS, INC | 11427 WOODSIDE AVE | LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD, CERS... | Higher | 2085, 0.395, ENE |
| S104 | ANTHONY T. DITTY | 11427 WOODSIDE AVE | LUST, CPS-SLIC, AST, Cortese, HIST CORTESE, SAN... | Higher | 2085, 0.395, ENE |
| T105 | SANTEE ARMY CAMP | | ENVIROSTOR | Higher | 3988, 0.755, SSW |
| T106 | ARMY CAMP (SANTEE) | | FUDS | Higher | 3997, 0.757, SSW |
| U107 | DAVE'S AUTO SERVICE | 10438 MISSION GORGE | HIST Cal-Sites | Higher | 4290, 0.812, SW |
| U108 | DAVE'S AUTO SERVICE | 10438 MISSION GORGE | RESPONSE, ENVIROSTOR, LIENS | Higher | 4290, 0.812, SW |
| 109 | SANTANA HIGH SCHOOL | 9915 MAGNOLIA AVENUE | ENVIROSTOR, SCH, CERS | Higher | 4389, 0.831, NW |
| 110 | EDGEMORE HOSPITAL | | Notify 65 | Lower | 4438, 0.841, WSW |

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STANDARD ENVIRONMENTAL RECORDS

### *Lists of Federal RCRA generators*

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 06/20/2022 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| C & H AUTO BODY<br>EPA ID:: CAD981572860 | 10996 NORTH WOODSIDE | SE 0 - 1/8 (0.037 mi.) | A13 | 11 |
| VISION SYSTEMS INC<br>EPA ID:: CAR000268656 | 11322 WOODSIDE AVE N | ENE 1/8 - 1/4 (0.220 mi.) | R97 | 31 |

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 06/20/2022 has revealed that there are 15 RCRA-SQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| YORK MANUFACTURING,<br>EPA ID:: CAC002561381 | 10928 WHEATLANDS AVE | SSW 0 - 1/8 (0.030 mi.) | C10 | 11 |
| ***WHITTAKER CORP***<br>EPA ID:: CAD981369630 | ***11015 MISSION PARK S*** | ***E 0 - 1/8 (0.032 mi.)*** | ***D12*** | ***11*** |
| ***ARW INC DBA ADVANCE***<br>EPA ID:: CAR000016808 | ***10911 WHEATLANDS DR*** | ***SSW 0 - 1/8 (0.043 mi.)*** | ***C19*** | ***13*** |
| TOOL DEPOT<br>EPA ID:: CAR000185587 | 10925 WHEATLANDS AVE | SSW 0 - 1/8 (0.055 mi.) | C26 | 15 |
| ***AMETEK, INC SANTEE D***<br>EPA ID:: CAL000189534 | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F29*** | ***16*** |
| ***AMETEK, INC SANTEE D*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F32*** | ***16*** |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAD981450232 | | | | |
| CALSINO INC<br>EPA ID:: CAP000055343 | 10943 WHEATLANDS AVE | S 0 - 1/8 (0.063 mi.) | E38 | 18 |
| ***PHILIP THEARLE'S AUT***<br>EPA ID:: CAD118586056 | ***9426 WHEATLANDS COUR*** | ***WSW 0 - 1/8 (0.066 mi.)*** | ***G40*** | ***18*** |
| ***JACK RANDALL S AUTOM***<br>EPA ID:: CAD982516239 | ***10845 WHEATLANDS STE*** | ***SW 0 - 1/8 (0.068 mi.)*** | ***G42*** | ***19*** |
| ***CIRCLE K STORE #2959***<br>EPA ID:: CAD981681166 | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J53*** | ***21*** |
| ***JERAMES TOOL AND MFG***<br>EPA ID:: CAD020203139 | ***9356 ABRAHAM WAY*** | ***WSW 1/8 - 1/4 (0.205 mi.)*** | ***O83*** | ***28*** |
| ***ALTS TOOL AND MACHIN***<br>EPA ID:: CA0000477877 | ***9316 ABRAHAM WY*** | ***SW 1/8 - 1/4 (0.238 mi.)*** | ***P100*** | ***31*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***QUALITY CONTROLLED M***<br>EPA ID:: CAD981396997 | ***9429 ABRAHAM WAY*** | ***W 1/8 - 1/4 (0.170 mi.)*** | ***L67*** | ***24*** |
| STRATEDGE<br>EPA ID:: CAR000285569 | 9424 ABRAHAM WAY | W 1/8 - 1/4 (0.195 mi.) | L73 | 26 |
| ***SAN DIEGO DESIGN INC***<br>EPA ID:: CAD981384993 | ***9366 ABRAHAM WY*** | ***WSW 1/8 - 1/4 (0.197 mi.)*** | ***O78*** | ***27*** |

***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE: A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DAVE'S AUTO SERVICE***<br>Database: RESPONSE, Date of Government Version: 04/25/2022<br>Status: Certified<br>Facility Id: 37750003 | ***10438 MISSION GORGE*** | ***SW 1/2 - 1 (0.812 mi.)*** | ***U108*** | ***34*** |

***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: A review of the ENVIROSTOR list, as provided by EDR, and dated 04/25/2022 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| KETEMA PROCESS EQUIP<br>Facility Id: 71003382<br>Status: No Action Required | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F27 | 15 |
| SANTEE ARMY CAMP | | SSW 1/2 - 1 (0.755 mi.) | T105 | 33 |

Facility Id: 80000969
Status: Inactive - Needs Evaluation

| | | | | |
|---|---|---|---|---|
| ***DAVE'S AUTO SERVICE*** | ***10438 MISSION GORGE*** | ***SW 1/2 - 1 (0.812 mi.)*** | ***U108*** | ***34*** |
| Facility Id: 37750003<br>Status: Certified | | | | |
| ***SANTANA HIGH SCHOOL*** | ***9915 MAGNOLIA AVENUE*** | ***NW 1/2 - 1 (0.831 mi.)*** | ***109*** | ***34*** |
| Facility Id: 60000859<br>Status: Inactive - Withdrawn | | | | |

***Lists of state and tribal leaking storage tanks***

LUST: A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DION & SONS, INC*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S103*** | ***32*** |
| Database: LUST, Date of Government Version: 05/23/2022<br>Status: Completed - Case Closed<br>Global Id: T0607303173 | | | | |
| ***ANTHONY T. DITTY*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***32*** |
| Database: LUST REG 9, Date of Government Version: 03/01/2001<br>Status: Remediation Plan<br>Case Number: 9UT938 | | | | |

SAN DIEGO CO. SAM: A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 3 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***WESTERN CONSTRUCTION*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F30*** | ***16*** |
| Case Number: H02097-001<br>Facility Status: Closed Case | | | | |
| ***CIRCLE K STORE #2959*** | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J53*** | ***21*** |
| Case Number: H20836-001<br>Facility Status: Closed Case | | | | |
| ***DION & SONS, INC*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S103*** | ***32*** |
| Case Number: H19469-001<br>Case Number: H19469-002<br>Case Number: H19469-003<br>Case Number: H19469-004<br>Facility Status: Remedial Investigation<br>Facility Status: Closed Case | | | | |

CPS-SLIC: A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***WESTERN CONSTRUCTION*** | ***9484 MISSION PARK PL*** | ***ENE 0 - 1/8 (0.058 mi.)*** | ***F28*** | ***15*** |
| Database: CPS-SLIC, Date of Government Version: 05/23/2022<br>Global Id: T0608164832<br>Facility Status: Completed - Case Closed | | | | |
| ***CIRCLE K STORE #2959*** | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J53*** | ***21*** |
| Database: CPS-SLIC, Date of Government Version: 05/23/2022<br>Global Id: T0608102609<br>Facility Status: Completed - Case Closed | | | | |
| ***ANTHONY T. DITTY*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***32*** |
| Database: CPS-SLIC, Date of Government Version: 05/23/2022<br>Global Id: T0608144417<br>Global Id: T0608182940<br>Global Id: T0608115165<br>Global Id: T10000004271<br>Facility Status: Completed - Case Closed<br>Facility Status: Open - Site Assessment | | | | |

***Lists of state and tribal registered storage tanks***

UST: A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CALIFORNIA CRAFTED M*** | ***10848 WHEATLANDS AV*** | ***SW 0 - 1/8 (0.038 mi.)*** | ***C18*** | ***13*** |
| Database: UST, Date of Government Version: 06/06/2022<br>Facility Id: H20835 | | | | |
| ***CIRCLE K #2959*** | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J55*** | ***22*** |
| Database: UST, Date of Government Version: 06/06/2022<br>Facility Id: H20836 | | | | |

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Lists of Hazardous waste / Contaminated Sites***

HIST Cal-Sites: A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| DAVE'S AUTO SERVICE | 10438 MISSION GORGE | SW 1/2 - 1 (0.812 mi.) | U107 | 33 |

# EXECUTIVE SUMMARY

CERS HAZ WASTE: A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/18/2022 has revealed that there are 23 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| *C & H AUTO BODY & PA* | *10996 WOODSIDE AVE N* | *SE 0 - 1/8 (0.020 mi.)* | *A2* | *9* |
| *CALIBER COLLISION CE* | *10910 WHEATLANDS AVE* | *SW 0 - 1/8 (0.030 mi.)* | *C6* | *10* |
| *MIRAGE RACING PRODUC* | *10928 WHEATLANDS AV* | *SSW 0 - 1/8 (0.030 mi.)* | *C8* | *10* |
| *COMPUTER INTEGRATED* | *10940 WHEATLANDS AVE* | *S 0 - 1/8 (0.038 mi.)* | *E14* | *12* |
| *HANSON MACHINE* | *10969 WHEATLANDS AV* | *SSE 0 - 1/8 (0.049 mi.)* | *20* | *14* |
| *ALTECH MACHINING INC* | *11000 N WOODSIDE AVE* | *ESE 0 - 1/8 (0.053 mi.)* | *A21* | *14* |
| *L & S PRECISION CUTT* | *10925 WHEATLANDS AVE* | *SSW 0 - 1/8 (0.055 mi.)* | *C23* | *14* |
| *9484 MISSION PARK PL* | *9484 MISSION PARK PL* | *ENE 0 - 1/8 (0.058 mi.)* | *F36* | *17* |
| *ALUMICRAFT LLC* | *10815 WHEATLANDS AVE* | *SW 0 - 1/8 (0.088 mi.)* | *H48* | *20* |
| *SANTEE COLLISION CEN* | *9356 WHEATLANDS RD* | *SSW 0 - 1/8 (0.096 mi.)* | *I52* | *21* |
| *CHULA VISTA ELECTRIC* | *9344 WHEATLANDS RD* | *SSW 1/8 - 1/4 (0.128 mi.)* | *I57* | *22* |
| *JIMCO RACING INC* | *9335 STEVENS RD* | *SW 1/8 - 1/4 (0.136 mi.)* | *H59* | *23* |
| *HYDRAULIC ELECTRIC C* | *9316 WHEATLANDS RD S* | *SSW 1/8 - 1/4 (0.192 mi.)* | *N71* | *25* |
| *JERAMES TOOL & MFG* | *9356 ABRAHAM WAY* | *WSW 1/8 - 1/4 (0.205 mi.)* | *O84* | *28* |
| *MATHY MACHINE, INC.* | *9315 WHEATLANDS RD* | *SSW 1/8 - 1/4 (0.207 mi.)* | *N86* | *28* |
| *EASTWOOD MACHINE, LL* | *9346 ABRAHAM WAY* | *WSW 1/8 - 1/4 (0.214 mi.)* | *P91* | *29* |
| *DISCFLO CORPORATION* | *10850 HARTLEY RD A* | *SW 1/8 - 1/4 (0.214 mi.)* | *Q94* | *30* |
| *VISION SYSTEMS* | *11322 WOODSIDE AVENU* | *ENE 1/8 - 1/4 (0.220 mi.)* | *R98* | *31* |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| *FUTURE MACHINE* | *9440 WHEATLANDS CT #* | *W 0 - 1/8 (0.078 mi.)* | *G44* | *19* |
| *QUALITY CONTROLLED M* | *9429 ABRAHAM WAY* | *W 1/8 - 1/4 (0.170 mi.)* | *L68* | *25* |
| *STRATEDGE CORPORATIO* | *9424 ABRAHAM WAY* | *W 1/8 - 1/4 (0.195 mi.)* | *L72* | *25* |
| *AYMAR INDUSTRIES, LL* | *9434 ABRAHAM WAY* | *W 1/8 - 1/4 (0.195 mi.)* | *L74* | *26* |
| *SOUTHBAY FOUNDRY, IN* | *9444 ABRAHAM WAY* | *W 1/8 - 1/4 (0.207 mi.)* | *L88* | *29* |

***Local Lists of Registered Storage Tanks***

SWEEPS UST: A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| *CCM ENT*<br>Status: A<br>Tank Status: A<br>Comp Number: 20835 | *10848 WHEATLANDS AVE* | *SW 0 - 1/8 (0.038 mi.)* | *C16* | *12* |
| *CIRCLE K #2959*<br>Status: A<br>Tank Status: A<br>Comp Number: 20836 | *11007 WOODSIDE AVE* | *SSE 0 - 1/8 (0.108 mi.)* | *J55* | *22* |
| *FETTERLEY OIL CO*<br>Comp Number: 6168 | *9311 STEVENS ST* | *SW 1/8 - 1/4 (0.180 mi.)* | *M69* | *25* |

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CIRCLE K STORE #2959*** Facility Id: 00000013656 | ***11007 WOODSIDE AVE*** | ***SSE 0 - 1/8 (0.108 mi.)*** | ***J53*** | ***21*** |
| ***R K BURNER SHEET MET*** | ***9335 STEVENS RD*** | ***SW 1/8 - 1/4 (0.136 mi.)*** | ***H61*** | ***23*** |
| ***R.K. BURNER SHEET ME*** Facility Id: 00000068882 | ***9335 STEVENS RD*** | ***SW 1/8 - 1/4 (0.136 mi.)*** | ***H62*** | ***23*** |

***Other Ascertainable Records***

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/20/2022 has revealed that there are 52 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| AUTOFAB EPA ID:: CAL000000371 | 10996 WOODSIDE AVE N | SE 0 - 1/8 (0.020 mi.) | A1 | 9 |
| CALIBER COLLISION CE EPA ID:: CAL000463473 | 10910 WHEATLANDS AVE | SW 0 - 1/8 (0.030 mi.) | C5 | 9 |
| OLSON IRRIGATION SYS EPA ID:: CAL000036718 | 10910 WHEATLANDS AVE | SW 0 - 1/8 (0.030 mi.) | C7 | 10 |
| AGILE OFF ROAD EPA ID:: CAL000436462 | 10928 WHEATLAND AVE | SSW 0 - 1/8 (0.030 mi.) | C9 | 10 |
| DS FIBERTECH CORPORA EPA ID:: CAL000370764 | 11015 MISSON PARK PL | E 0 - 1/8 (0.032 mi.) | D11 | 11 |
| COMPUTER INTEGRATED EPA ID:: CAL000425494 | 10940 WHEATLANDS AVE | S 0 - 1/8 (0.038 mi.) | E15 | 12 |
| CALIFORNIA CRAFTED M EPA ID:: CAL000363924 | 10848 WHEATLANDS AVE | SW 0 - 1/8 (0.038 mi.) | C17 | 12 |
| SANTEE APARTMENTS EPA ID:: CAC003065370 | 11071 WOODSIDE AVE # | SE 0 - 1/8 (0.054 mi.) | 22 | 14 |
| ***VINCENT X-RAY COMPAN*** EPA ID:: CAD982368888 | ***10925 WHEATLANDS AVE*** | ***SSW 0 - 1/8 (0.055 mi.)*** | ***C24*** | ***14*** |
| L&S PRECISION CUTTER EPA ID:: CAL000322962 | 10925 WHEATLANDS AVE | SSW 0 - 1/8 (0.055 mi.) | C25 | 15 |
| BARE STEEL EPA ID:: CAC003164642 | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F31 | 16 |
| BARE STEEL EPA ID:: CAC003054786 EPA ID:: CAC003137149 EPA ID:: CAC003086411 EPA ID:: CAC003110108 | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F33 | 17 |
| BARE STEEL | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F34 | 17 |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAC003069330 | | | | |
| BARE STEEL INC<br>EPA ID:: CAC003179086 | 9484 MISSION PARK PL | ENE 0 - 1/8 (0.058 mi.) | F35 | 17 |
| ALTECH MACHINING INC<br>EPA ID:: CAL000045408 | 11000 WOODSIDE AVE N | ESE 0 - 1/8 (0.061 mi.) | 37 | 18 |
| JIMCO RACING INC<br>EPA ID:: CAL000436632 | 9426 WHEATLANDS CT | WSW 0 - 1/8 (0.066 mi.) | G39 | 18 |
| JIMCO RACING, INC<br>EPA ID:: CAC003058993 | 9426 WHEATLANDS CT | WSW 0 - 1/8 (0.066 mi.) | G41 | 18 |
| S&J BUILDERS & RESTO<br>EPA ID:: CAL000328326 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H45 | 19 |
| ALUMI CRAFT INC<br>EPA ID:: CAL000313817 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H46 | 20 |
| ALUMICRAFT LLC<br>EPA ID:: CAL000463276 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H47 | 20 |
| ALUMICRAFT LLC<br>EPA ID:: CAL000463278 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H49 | 20 |
| ALUMICRAFT LLC<br>EPA ID:: CAL000463277 | 10815 WHEATLANDS AVE | SW 0 - 1/8 (0.088 mi.) | H50 | 20 |
| SANTEE COLLISION CEN<br>EPA ID:: CAL000325001 | 9356 WHEATLANDS RD | SSW 0 - 1/8 (0.096 mi.) | I51 | 21 |
| SCANTIBODIES LABORAT<br>EPA ID:: CAL000325136 | 9343 WHEATLANDS RD | SSW 0 - 1/8 (0.121 mi.) | I56 | 22 |
| CHULA VISTA ELECTRIC<br>EPA ID:: CAL000398849 | 9344 WHEATLANDS RD | SSW 1/8 - 1/4 (0.128 mi.) | I58 | 22 |
| JIMCO RACING INC<br>EPA ID:: CAL000453201 | 9335 STEVENS RD | SW 1/8 - 1/4 (0.136 mi.) | H60 | 23 |
| MASTERCRAFT MOTORSPO<br>EPA ID:: CAL000405613 | 9335 STEVENS RD | SW 1/8 - 1/4 (0.136 mi.) | H63 | 23 |
| RAFI GORGES<br>EPA ID:: CAC003008755 | 11140 MEADOW TERRACE | ESE 1/8 - 1/4 (0.144 mi.) | K64 | 24 |
| JENNIFER JONES<br>EPA ID:: CAC003130545 | 9253 BLOOMDALE ST. | SE 1/8 - 1/4 (0.166 mi.) | 65 | 24 |
| JORGE CONTRERAS<br>EPA ID:: CAC003180076 | 11203 VIA MADONNA | ESE 1/8 - 1/4 (0.187 mi.) | K70 | 25 |
| ASHLYNN MARKETING GR<br>EPA ID:: CAC003052571 | 10870 HARTLEY RD #B | SW 1/8 - 1/4 (0.198 mi.) | M79 | 27 |
| ASHLYNN MARKETING GR<br>EPA ID:: CAC003118281 | 10870 HARTLEY RD | SW 1/8 - 1/4 (0.198 mi.) | M80 | 27 |
| ASHLYNN MARKETING GR<br>EPA ID:: CAC003038393 | 10870 HARTLEY RD STE | SW 1/8 - 1/4 (0.198 mi.) | M81 | 27 |
| ACCURATE AIR ENGINEE<br>EPA ID:: CAL000359247 | 9356 ABRAHAM WAY | WSW 1/8 - 1/4 (0.205 mi.) | O82 | 27 |
| STREET TRENZ INC<br>EPA ID:: CAL000464248 | 9356 ABRAHAM WAY | WSW 1/8 - 1/4 (0.205 mi.) | O85 | 28 |
| MATHY MACHINE INC | 9315 WHEATLANDS, #B | SSW 1/8 - 1/4 (0.207 mi.) | N87 | 29 |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAD982028144 | | | | |
| EASTWOOD MACHINE LLC<br>EPA ID:: CAL000400233 | 9346 ABRAHAM WAY | WSW 1/8 - 1/4 (0.214 mi.) | P92 | 30 |
| DISCFLO CORP<br>EPA ID:: CAL000287207 | 10850 HARTLEY RD | SW 1/8 - 1/4 (0.214 mi.) | Q93 | 30 |
| CHARLES HELMER<br>EPA ID:: CAC003067834 | 9247 VIA ANITA | ESE 1/8 - 1/4 (0.216 mi.) | 95 | 30 |
| AMY SKINNER<br>EPA ID:: CAC003024825 | 9240 NORTHCOTE ROAD | ESE 1/8 - 1/4 (0.220 mi.) | 96 | 30 |
| A-I-M PLASTICS INC<br>EPA ID:: CAL000205165 | 9326 ABRAHAM WAY | WSW 1/8 - 1/4 (0.225 mi.) | P99 | 31 |
| CARLOS MERCADO<br>EPA ID:: CAC003088865 | 9211 BLOOMDALE ST | SE 1/8 - 1/4 (0.246 mi.) | 101 | 32 |
| SPECIALTY METALS FAB<br>EPA ID:: CAL000305980 | 11222 WOODSIDE AVE | E 1/8 - 1/4 (0.247 mi.) | 102 | 32 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| AM/PM PAINTING & FIN<br>EPA ID:: CAL000324752 | 9435 WHEATLANDS CT S | W 0 - 1/8 (0.021 mi.) | B3 | 9 |
| SUSPENSION DEVELOPME<br>EPA ID:: CAC003035873 | 9435 WHEATLANDS CT | W 0 - 1/8 (0.021 mi.) | B4 | 9 |
| KIFER HYDRAULICS CO<br>EPA ID:: CAL000393149 | 9440 WHEATLANDS CT S | W 0 - 1/8 (0.078 mi.) | G43 | 19 |
| QUALITY CONTROLLED M<br>EPA ID:: CAL000332740 | 9429 ABRAHAM WAY | W 1/8 - 1/4 (0.170 mi.) | L66 | 24 |
| AYMAR ENGINEERING<br>EPA ID:: CAL000422384 | 9434 ABRAHAM WAY | W 1/8 - 1/4 (0.195 mi.) | L75 | 26 |
| CALIFORNIA CRAFTED M<br>EPA ID:: CAL000363925 | 9366 ABRAHAM WAY | WSW 1/8 - 1/4 (0.197 mi.) | O76 | 26 |
| CALIFORNIA CRAFTED M<br>EPA ID:: CAC003167212<br>EPA ID:: CAC003153628 | 9366 ABRAHAM WAY | WSW 1/8 - 1/4 (0.197 mi.) | O77 | 26 |
| SOUTH BAY FOUNDRY<br>EPA ID:: CAC002972916 | 9444 ABRAHAM WAY | W 1/8 - 1/4 (0.207 mi.) | L89 | 29 |
| SOUTH BAY FOUNDRY IN<br>EPA ID:: CAL000378761 | 9444 ABRAHAM WAY | W 1/8 - 1/4 (0.207 mi.) | L90 | 29 |

FUDS: A review of the FUDS list, as provided by EDR, and dated 05/11/2022 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ARMY CAMP (SANTEE) | | SSW 1/2 - 1 (0.757 mi.) | T106 | 33 |

# EXECUTIVE SUMMARY

Cortese: A review of the Cortese list, as provided by EDR, and dated 06/21/2022 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***ANTHONY T. DITTY*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***32*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***ANTHONY T. DITTY*** | ***11427 WOODSIDE AVE*** | ***ENE 1/4 - 1/2 (0.395 mi.)*** | ***S104*** | ***32*** |
| Reg Id: 9UT938 | | | | |

Notify 65: A review of the Notify 65 list, as provided by EDR, and dated 06/10/2022 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| EDGEMORE HOSPITAL | | WSW 1/2 - 1 (0.841 mi.) | 110 | 34 |

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

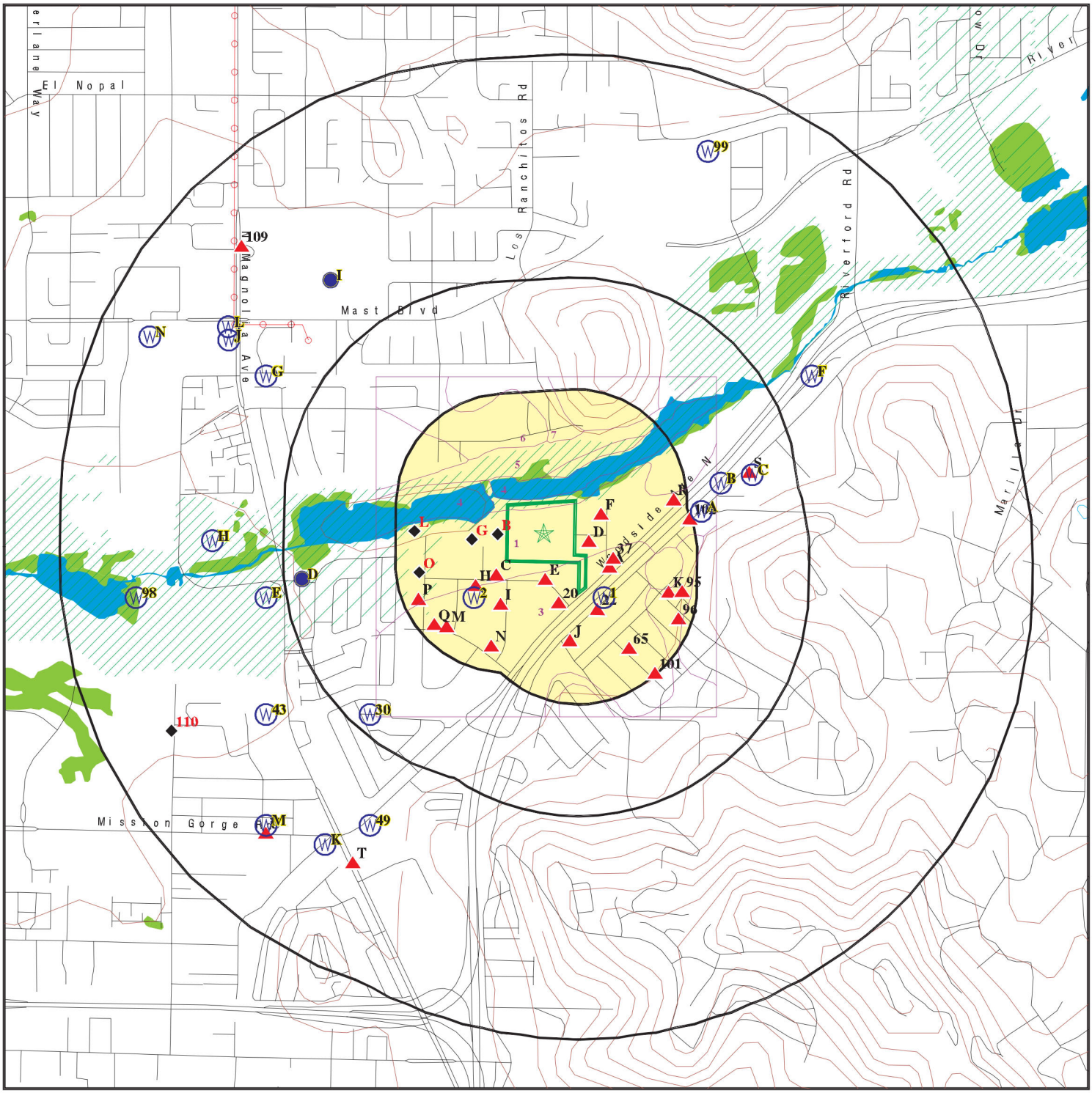
EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| TOSCO MARKETING COMP | 11007 WOODSIDE AVE | SSE 0 - 1/8 (0.108 mi.) | J54 | 22 |

Count: 2 records. ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| LAKESIDE | S126984237 | KEPHART DUMP | SAN DIEGO EUCALYPTUS LANDS | 92040 | SWF/LF |
| LAKESIDE | S105298892 | ARCO FACILITY NO. 9760 | WOODSIDE AV | 92040 | San Diego Co. HMMD |

# OVERVIEW MAP - 7126896.2S




Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: 10990 WOODSIDE AVE N<br>ADDRESS: 10990 WOODSIDE AVE N<br>SANTEE CA 92071<br>LAT/LONG: 32.848148 / 116.959312 | CLIENT: Hazard Management Consulting<br>CONTACT: Troy Taylor<br>INQUIRY #: 7126896.2s<br>DATE: September 22, 2022 6:15 pm |

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# DETAIL MAP - 7126896.2S




- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: 10990 WOODSIDE AVE N<br>ADDRESS: 10990 WOODSIDE AVE N<br>SANTEE CA 92071<br>LAT/LONG: 32.848148 / 116.959312 | CLIENT: Hazard Management Consulting<br>CONTACT: Troy Taylor<br>INQUIRY #: 7126896.2s<br>DATE: September 22, 2022 6:16 pm |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Lists of Federal NPL (Superfund) sites*** | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal Delisted NPL sites*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal sites subject to CERCLA removals and CERCLA orders*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal CERCLA sites with NFRAP*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA facilities undergoing Corrective Action*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal RCRA TSD facilities*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA generators*** | | | | | | | | |
| RCRA-LQG | 0.250 | | 1 | 1 | NR | NR | NR | 2 |
| RCRA-SQG | 0.250 | | 10 | 5 | NR | NR | NR | 15 |
| RCRA-VSQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Lists of state- and tribal (Superfund) equivalent sites*** | | | | | | | | |
| RESPONSE | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| ***Lists of state- and tribal hazardous waste facilities*** | | | | | | | | |
| ENVIROSTOR | 1.000 | | 1 | 0 | 0 | 3 | NR | 4 |
| ***Lists of state and tribal landfills and solid waste disposal facilities*** | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| ***Lists of state and tribal leaking storage tanks*** | | | | | | | | |
| LUST | 0.500 | | 0 | 0 | 2 | NR | NR | 2 |
| SAN DIEGO CO. SAM | 0.500 | | 2 | 0 | 1 | NR | NR | 3 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CPS-SLIC | 0.500 | | 2 | 0 | 1 | NR | NR | 3 |
| ***Lists of state and tribal registered storage tanks*** | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| UST | 0.250 | | 2 | 0 | NR | NR | NR | 2 |
| AST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Lists of state and tribal voluntary cleanup sites*** | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of state and tribal brownfield sites*** | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| WMUDS/SWAT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| HAULERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST Cal-Sites | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| SCH | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| San Diego Co. HMMD | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CERS HAZ WASTE | 0.250 | | 11 | 12 | NR | NR | NR | 23 |
| Toxic Pits | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| AQUEOUS FOAM | TP | | NR | NR | NR | NR | NR | 0 |
| PFAS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Registered Storage Tanks*** | | | | | | | | |
| SWEEPS UST | 0.250 | | 2 | 1 | NR | NR | NR | 3 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| HIST UST | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| CA FID UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CERS TANKS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DEED | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CHMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| LDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MCS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SPILLS 90 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 27 | 25 | NR | NR | NR | 52 |
| FUDS | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FINDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| ECHO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA BOND EXP. PLAN | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Cortese | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| CUPA Listings | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| EMI | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ENF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HAZNET | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST CORTESE | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| HWP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| HWT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MWMP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| NPDES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PEST LIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Notify 65 | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UIC GEO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WASTEWATER PITS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| WDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WIP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MILITARY PRIV SITES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROJECT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WDR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SAN DIEGO CO LOP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CIWQS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| NON-CASE INFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| OTHER OIL GAS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PROD WATER PONDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SAMPLING POINT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| WELL STIM PROJ | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HWTS | TP | | NR | NR | NR | NR | NR | 0 |
| MINES MRDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| **EDR HIGH RISK HISTORICAL RECORDS** | | | | | | | | |
| ***EDR Exclusive Records*** | | | | | | | | |
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR Hist Auto | 0.125 | | 1 | NR | NR | NR | NR | 1 |
| EDR Hist Cleaner | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| **EDR RECOVERED GOVERNMENT ARCHIVES** | | | | | | | | |
| ***Exclusive Recovered Govt. Archives*** | | | | | | | | |
| RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| - Totals -- | | 0 | 60 | 46 | 6 | 7 | 0 | 119 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

**A1**
**SE**
**< 1/8**
**0.020 mi.**
**103 ft.**

**Relative:**
**Higher**

**AUTOFAB**
**10996 WOODSIDE AVE N STE F**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1025865557**
**CAL000000371**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000000371

---

**A2**
**SE**
**< 1/8**
**0.020 mi.**
**103 ft.**

**Relative:**
**Higher**

**C & H AUTO BODY & PAINT**
**10996 WOODSIDE AVE N STE A&B**
**SANTEE, CA 92071**

**CERS HAZ WASTE**
**EMI**
**CERS**
**HWTS**

**1006826408**
**N/A**

Click here for full text details

**EMI**
Facility Id 5454

---

**B3**
**West**
**< 1/8**
**0.021 mi.**
**112 ft.**

**Relative:**
**Lower**

**AM/PM PAINTING & FINISHING INC**
**9435 WHEATLANDS CT STE E**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1026825569**
**CAL000324752**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000324752

---

**B4**
**West**
**< 1/8**
**0.021 mi.**
**112 ft.**

**Relative:**
**Lower**

**SUSPENSION DEVELOPMENT GROUP**
**9435 WHEATLANDS CT**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1025855596**
**CAC003035873**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003035873

---

**C5**
**SW**
**< 1/8**
**0.030 mi.**
**159 ft.**

**Relative:**
**Higher**

**CALIBER COLLISION CENTERS**
**10910 WHEATLANDS AVE**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1026828479**
**CAL000463473**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000463473

**C6**
**SW**
**< 1/8**
**0.030 mi.**
**159 ft.**

**Relative:**
**Higher**

**CALIBER COLLISION CENTER - SANTEE**
**10910 WHEATLANDS AVE**
**SANTEE, CA 92071**

**Database(s):** San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS, HWTS

**EDR ID Number:** S104745416
**EPA ID Number:** N/A

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2002-HUPFP-102100

**HAZNET**
GEPAID CAL000463473

---

**C7**
**SW**
**< 1/8**
**0.030 mi.**
**159 ft.**

**Relative:**
**Higher**

**OLSON IRRIGATION SYSTEMS**
**10910 WHEATLANDS AVE**
**SANTEE, CA 92071**

**Database(s):** RCRA NonGen / NLR

**EDR ID Number:** 1024787740
**EPA ID Number:** CAL000036718

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000036718

---

**C8**
**SSW**
**< 1/8**
**0.030 mi.**
**160 ft.**

**Relative:**
**Higher**

**MIRAGE RACING PRODUCTS**
**10928 WHEATLANDS AV #B**
**SANTEE, CA 92071**

**Database(s):** San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, NPDES, CERS, HWTS

**EDR ID Number:** S112927628
**EPA ID Number:** N/A

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2006-HUPFP-207427

**HAZNET**
GEPAID CAC002561381

---

**C9**
**SSW**
**< 1/8**
**0.030 mi.**
**160 ft.**

**Relative:**
**Higher**

**AGILE OFF ROAD**
**10928 WHEATLAND AVE STE B**
**SANTEE, CA 92071**

**Database(s):** RCRA NonGen / NLR

**EDR ID Number:** 1024867863
**EPA ID Number:** CAL000436462

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000436462

**C10**
**SSW**
**< 1/8**
**0.030 mi.**
**160 ft.**

**Relative:**
**Higher**

**YORK MANUFACTURING, INC**
**10928 WHEATLANDS AVE**
**SANTEE, CA 92071**

**RCRA-SQG** **1008194355**
**CAC002561381**

Click here for full text details

**RCRA-SQG**
EPA Id CAC002561381

---

**D11**
**East**
**< 1/8**
**0.032 mi.**
**170 ft.**

**Relative:**
**Higher**

**DS FIBERTECH CORPORATION**
**11015 MISSON PARK PL**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024832579**
**CAL000370764**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000370764

---

**D12**
**East**
**< 1/8**
**0.032 mi.**
**170 ft.**

**Relative:**
**Higher**

**WHITTAKER CORP**
**11015 MISSION PARK ST**
**SANTEE, CA 92071**

**RCRA-SQG** **1000421648**
**FINDS** **CAD981369630**
**ECHO**

Click here for full text details

**RCRA-SQG**
EPA Id CAD981369630

**FINDS**
Registry ID: 110002683301

**ECHO**
Registry ID 110002683301

---

**A13**
**SE**
**< 1/8**
**0.037 mi.**
**196 ft.**

**Relative:**
**Higher**

**C & H AUTO BODY**
**10996 NORTH WOODSIDE**
**SANTEE, CA 92071**

**RCRA-LQG** **1000116437**
**CAD981572860**

Click here for full text details

**RCRA-LQG**
EPA Id CAD981572860

**E14**
**South**
**< 1/8**
**0.038 mi.**
**200 ft.**

**Relative:**
**Higher**

**COMPUTER INTEGRATED MACHINING, INC.**
**10940 WHEATLANDS AVE**
**SANTEE, CA 92071**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2017-HUPFP-003424

**HAZNET**
GEPAID CAL000425494

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**HAZNET**
**CIWQS**
**CERS**
**HWTS**

**S120714691**
**N/A**

---

**E15**
**South**
**< 1/8**
**0.038 mi.**
**200 ft.**

**Relative:**
**Higher**

**COMPUTER INTEGRATED MACHINING INC**
**10940 WHEATLANDS AVE**
**SANTEE, CA 92071**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000425494

**RCRA NonGen / NLR**

**1024858884**
**CAL000425494**

---

**C16**
**SW**
**< 1/8**
**0.038 mi.**
**200 ft.**

**Relative:**
**Higher**

**CCM ENT**
**10848 WHEATLANDS AVE**
**SANTEE, CA 92071**

Click here for full text details

**SWEEPS UST**
Status A
Tank Status A
Comp Number 20835

**WDS**
Facility Id 9 37I018540
Facility Status Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

**SWEEPS UST**
**WDS**

**S106447282**
**N/A**

---

**C17**
**SW**
**< 1/8**
**0.038 mi.**
**200 ft.**

**Relative:**
**Higher**

**CALIFORNIA CRAFTED MARBLE, INC.**
**10848 WHEATLANDS AVE**
**SANTEE, CA 92071**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000363924

**RCRA NonGen / NLR**

**1024829850**
**CAL000363924**

**C18**
**SW**
**< 1/8**
**0.038 mi.**
**200 ft.**

**Relative:**
**Higher**

**CALIFORNIA CRAFTED MARBLE (DBA CCM ENTERPRISES)**
**10848 WHEATLANDS AV**
**SANTEE, CA 92071**

Click here for full text details

**UST**
**San Diego Co. HMMD**
**ICIS**
**FTTS**
**HIST FTTS**
**US AIRS**
**FINDS**

**1006093808**
**N/A**

**UST**
Facility Id H20835

**ICIS**
FRS ID: 110002413656

**FTTS**
Docket Number: EPCRA09-94-0001
Close Date: / /

**HIST FTTS**
Close Date: / /
Docket Number: EPCRA09-94-0001

**US AIRS**
EPA plant ID: 110020055544

**FINDS**
Registry ID: 110002413656

---

**C19**
**SSW**
**< 1/8**
**0.043 mi.**
**228 ft.**

**Relative:**
**Higher**

**ARW INC DBA ADVANCE FINISHING**
**10911 WHEATLANDS DR**
**SANTEE, CA 92071**

Click here for full text details

**RCRA-SQG**
**FINDS**
**ECHO**
**HAZNET**
**HWTS**

**1001122842**
**CAR000016808**

**RCRA-SQG**
EPA Id CAR000016808

**FINDS**
Registry ID: 110002915329

**ECHO**
Registry ID 110002915329

**HAZNET**
GEPAID CAR000016808

**20**
**SSE**
**< 1/8**
**0.049 mi.**
**259 ft.**

**Relative:**
**Higher**

**HANSON MACHINE**
**10969 WHEATLANDS AV**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**CERS**

**S106064563**
**N/A**

Click here for full text details

---

**A21**
**ESE**
**< 1/8**
**0.053 mi.**
**282 ft.**

**Relative:**
**Higher**

**ALTECH MACHINING INC**
**11000 N WOODSIDE AVE**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**CERS**

**S104397379**
**N/A**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2002-HUPFP-102118

---

**22**
**SE**
**< 1/8**
**0.054 mi.**
**286 ft.**

**Relative:**
**Higher**

**SANTEE APARTMENTS**
**11071 WOODSIDE AVE #1**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1026165352**
**CAC003065370**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003065370

---

**C23**
**SSW**
**< 1/8**
**0.055 mi.**
**291 ft.**

**Relative:**
**Higher**

**L & S PRECISION CUTTER SERVICE**
**10925 WHEATLANDS AVE**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**CERS**

**S106063142**
**N/A**

Click here for full text details

---

**C24**
**SSW**
**< 1/8**
**0.055 mi.**
**291 ft.**

**Relative:**
**Higher**

**VINCENT X-RAY COMPANY**
**10925 WHEATLANDS AVE SUITE F**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**
**FINDS**
**ECHO**

**1000168893**
**CAD982368888**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAD982368888

**FINDS**
Registry ID: 110002801709

**ECHO**
Registry ID 110002801709

**C25**
**SSW**
**< 1/8**
**0.055 mi.**
**291 ft.**

**Relative:**
**Higher**

**L&S PRECISION CUTTER SERVICE**
**10925 WHEATLANDS AVE STE O**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024817879**
**CAL000322962**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000322962

---

**C26**
**SSW**
**< 1/8**
**0.055 mi.**
**291 ft.**

**Relative:**
**Higher**

**TOOL DEPOT**
**10925 WHEATLANDS AVE**
**SANTEE, CA 92071**

**RCRA-SQG**

**1010561999**
**CAR000185587**

Click here for full text details

**RCRA-SQG**
EPA Id CAR000185587

---

**F27**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**KETEMA PROCESS EQUIPMENT CO., C/O BAKER PROCESS**
**9484 MISSION PARK PLACE**
**SANTEE, CA 92071**

**ENVIROSTOR**

**S118757455**
**N/A**

Click here for full text details

**ENVIROSTOR**
Facility Id 71003382
Status No Action Required

---

**F28**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**WESTERN CONSTRUCTION COMPONENTS INC**
**9484 MISSION PARK PL**
**SANTEE, CA 92071**

**CPS-SLIC**
**San Diego Co. HMMD**
**EMI**
**HAZNET**
**NPDES**
**CIWQS**
**CERS**
**HWTS**

**S104745415**
**N/A**

Click here for full text details

**CPS-SLIC**
Global Id T0608164832
Facility Status Completed - Case Closed

Click here to access the California GeoTracker records for this facility

**EMI**
Facility Id 5895

**HAZNET**
GEPAID CAL000405195

**NPDES**

**WESTERN CONSTRUCTION COMPONENTS INC (Continued)** **S104745415**

Facility Status Terminated

---

**F29**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**AMETEK, INC SANTEE DIV**
**9484 MISSION PARK PLACE**
**SANTEE, CA 92071**

**RCRA-SQG** **1008194585**
**FINDS** **CAL000189534**
**ECHO**
**HAZNET**
**HWTS**

Click here for full text details

**RCRA-SQG**
EPA Id CAL000189534

**FINDS**
Registry ID: 110002711245

**ECHO**
Registry ID 110002711245

**HAZNET**
GEPAID CAL000189534

---

**F30**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**WESTERN CONSTRUCTION COMPONENT**
**9484 MISSION PARK PL**
**SANTEE, CA 92071**

**SAN DIEGO CO. SAM** **S108407335**
**San Diego Co. HMMD** **N/A**

Click here for full text details

**SAN DIEGO CO. SAM**
Case Number H02097-001
Facility Status Closed Case

---

**F31**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**BARE STEEL**
**9484 MISSION PARK PL.**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1027200885**
**CAC003164642**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003164642

---

**F32**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**AMETEK, INC SANTEE DIV**
**9484 MISSION PARK PLACE**
**SANTEE, CA 92071**

**RCRA-SQG** **1000399882**
**HAZNET** **CAD981450232**
**HWTS**

Click here for full text details

**RCRA-SQG**
EPA Id CAD981450232

**AMETEK, INC SANTEE DIV (Continued)** **1000399882**

**HAZNET**
GEPAID CAD981450232

---

**F33**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**BARE STEEL** **RCRA NonGen / NLR** **1026048180**
**9484 MISSION PARK PLACE** **CAC003054786**
**SANTEE, CA 92071**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003054786
EPA Id CAC003137149
EPA Id CAC003086411
EPA Id CAC003110108

---

**F34**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**BARE STEEL** **RCRA NonGen / NLR** **1026169282**
**9484 MISSION PARK PL** **CAC003069330**
**SANTEE, CA 92071**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003069330

---

**F35**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**BARE STEEL INC** **RCRA NonGen / NLR** **1027214439**
**9484 MISSION PARK PL** **CAC003179086**
**SANTEE, CA 92154**

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**RCRA NonGen / NLR**
EPA Id CAC003179086

---

**F36**
**ENE**
**< 1/8**
**0.058 mi.**
**306 ft.**

**Relative:**
**Higher**

**9484 MISSION PARK PLACE LLC** **CERS HAZ WASTE** **S113155517**
**9484 MISSION PARK PL** **HAZNET** **N/A**
**SANTEE, CA 92071** **NPDES**
**CIWQS**
**CERS**
**HWTS**

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**HAZNET**
GEPAID CAL000341171

**NPDES**
Facility Status Active

**37**
**ESE**
**< 1/8**
**0.061 mi.**
**323 ft.**

**Relative:**
**Higher**

**ALTECH MACHINING INC**
**11000 WOODSIDE AVE NORTH**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024788371**
**CAL000045408**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000045408

---

**E38**
**South**
**< 1/8**
**0.063 mi.**
**333 ft.**

**Relative:**
**Higher**

**CALSINO INC**
**10943 WHEATLANDS AVE**
**SANTEE, CA 92071**

**RCRA-SQG** **1025878930**
**CAP000055343**

Click here for full text details

**RCRA-SQG**
EPA Id CAP000055343

---

**G39**
**WSW**
**< 1/8**
**0.066 mi.**
**347 ft.**

**Relative:**
**Higher**

**JIMCO RACING INC**
**9426 WHEATLANDS CT**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024868030**
**CAL000436632**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000436632

---

**G40**
**WSW**
**< 1/8**
**0.066 mi.**
**347 ft.**

**Relative:**
**Higher**

**PHILIP THEARLE'S AUTOWERKS**
**9426 WHEATLANDS COURT, STE C**
**SANTEE, CA 92071**

**RCRA-SQG** **1000286340**
**EMI** **CAD118586056**

Click here for full text details

**RCRA-SQG**
EPA Id CAD118586056

**EMI**
Facility Id 85218

---

**G41**
**WSW**
**< 1/8**
**0.066 mi.**
**347 ft.**

**Relative:**
**Higher**

**JIMCO RACING, INC**
**9426 WHEATLANDS CT**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1026052101**
**CAC003058993**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003058993

**G42**
**SW**
**< 1/8**
**0.068 mi.**
**361 ft.**

**Relative:**
**Higher**

**JACK RANDALL S AUTOMOTIVE**
**10845 WHEATLANDS STE F**
**SANTEE, CA 92071**

**RCRA-SQG**
**FINDS**
**ECHO**
**HAZNET**
**HWTS**

**1000267072**
**CAD982516239**

Click here for full text details

**RCRA-SQG**
EPA Id CAD982516239

**FINDS**
Registry ID: 110002838957

**ECHO**
Registry ID 110002838957

**HAZNET**
GEPAID CAD982516239

---

**G43**
**West**
**< 1/8**
**0.078 mi.**
**414 ft.**

**Relative:**
**Lower**

**KIFER HYDRAULICS CO INC DBA HOSETECH**
**9440 WHEATLANDS CT STE 14**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024842542**
**CAL000393149**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000393149

---

**G44**
**West**
**< 1/8**
**0.078 mi.**
**414 ft.**

**Relative:**
**Lower**

**FUTURE MACHINE**
**9440 WHEATLANDS CT #2**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**NPDES**
**CIWQS**
**CERS**

**S121626196**
**N/A**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2002-HUPFP-113590

---

**H45**
**SW**
**< 1/8**
**0.088 mi.**
**464 ft.**

**Relative:**
**Higher**

**S&J BUILDERS & RESTORATION SERVICES INC**
**10815 WHEATLANDS AVE STE J**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024819143**
**CAL000328326**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000328326

**H46**
**SW**
**< 1/8**
**0.088 mi.**
**464 ft.**

**Relative:**
**Higher**

**ALUMI CRAFT INC**
**10815 WHEATLANDS AVE STE I**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1024815494**
**CAL000313817**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000313817

---

**H47**
**SW**
**< 1/8**
**0.088 mi.**
**464 ft.**

**Relative:**
**Higher**

**ALUMICRAFT LLC**
**10815 WHEATLANDS AVE STE I**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1026828283**
**CAL000463276**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000463276

---

**H48**
**SW**
**< 1/8**
**0.088 mi.**
**464 ft.**

**Relative:**
**Higher**

**ALUMICRAFT LLC**
**10815 WHEATLANDS AVE STE I**
**SANTEE, CA 92071**

**San Diego Co. HMMD** | **S106072170**
**CERS HAZ WASTE** | **N/A**
**NPDES**
**CERS**
**HWTS**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2003-HUPFP-202231

---

**H49**
**SW**
**< 1/8**
**0.088 mi.**
**464 ft.**

**Relative:**
**Higher**

**ALUMICRAFT LLC**
**10815 WHEATLANDS AVE STE I**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1026828285**
**CAL000463278**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000463278

---

**H50**
**SW**
**< 1/8**
**0.088 mi.**
**464 ft.**

**Relative:**
**Higher**

**ALUMICRAFT LLC**
**10815 WHEATLANDS AVE STE I**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1026828284**
**CAL000463277**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000463277

**I51**
**SSW**
**< 1/8**
**0.096 mi.**
**507 ft.**

**Relative:**
**Higher**

**SANTEE COLLISION CENTER**
**9356 WHEATLANDS RD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024818267**
**CAL000325001**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000325001

---

**I52**
**SSW**
**< 1/8**
**0.096 mi.**
**507 ft.**

**Relative:**
**Higher**

**SANTEE COLLISION CENTER INC**
**9356 WHEATLANDS RD**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**CERS**

**S106063881**
**N/A**

Click here for full text details

---

**J53**
**SSE**
**< 1/8**
**0.108 mi.**
**569 ft.**

**Relative:**
**Higher**

**CIRCLE K STORE #2959**
**11007 WOODSIDE AVE**
**SANTEE, CA 92071**

**RCRA-SQG**
**SAN DIEGO CO. SAM**
**CPS-SLIC**
**San Diego Co. HMMD**
**HIST UST**
**FINDS**
**ECHO**
**CERS**

**1000174096**
**CAD981681166**

Click here for full text details

**RCRA-SQG**
EPA Id CAD981681166

**SAN DIEGO CO. SAM**
Case Number H20836-001
Facility Status Closed Case

**CPS-SLIC**
Global Id T0608102609
Facility Status Completed - Case Closed

Click here to access the California GeoTracker records for this facility

**HIST UST**
Facility Id 00000013656

**FINDS**
Registry ID: 110002749811

**ECHO**
Registry ID 110002749811

**J54**
**SSE**
**< 1/8**
**0.108 mi.**
**569 ft.**

**Relative:**
**Higher**

**TOSCO MARKETING COMPANY**
**11007 WOODSIDE AVE**
**SANTEE, CA 92071**

**EDR Hist Auto** **1021283889**
**N/A**

Click here for full text details

---

**J55**
**SSE**
**< 1/8**
**0.108 mi.**
**569 ft.**

**Relative:**
**Higher**

**CIRCLE K #2959**
**11007 WOODSIDE AVE**
**SANTEE, CA 92071**

**UST** **U003939128**
**SWEEPS UST** **N/A**
**SAN DIEGO CO LOP**

Click here for full text details

**UST**
Facility Id H20836

**SWEEPS UST**
Status A
Tank Status A
Comp Number 20836

---

**I56**
**SSW**
**< 1/8**
**0.121 mi.**
**640 ft.**

**Relative:**
**Higher**

**SCANTIBODIES LABORATORY INC**
**9343 WHEATLANDS RD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024818294**
**CAL000325136**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000325136

---

**I57**
**SSW**
**1/8-1/4**
**0.128 mi.**
**675 ft.**

**Relative:**
**Higher**

**CHULA VISTA ELECTRIC CO.**
**9344 WHEATLANDS RD**
**SANTEE, CA 92071**

**San Diego Co. HMMD** **S106072251**
**CERS HAZ WASTE** **N/A**
**CERS**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2003-HUPFP-202316

---

**I58**
**SSW**
**1/8-1/4**
**0.128 mi.**
**675 ft.**

**Relative:**
**Higher**

**CHULA VISTA ELECTRIC CO**
**9344 WHEATLANDS RD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024845633**
**CAL000398849**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000398849

**H59**
**SW**
**1/8-1/4**
**0.136 mi.**
**716 ft.**

**Relative:**
**Higher**

**JIMCO RACING INC**
**9335 STEVENS RD**
**SANTEE, CA 92071**

**CERS HAZ WASTE**
**HAZNET**
**CERS**
**HWTS**

**S112856159**
**N/A**

Click here for full text details

**HAZNET**
GEPAID CAL000453201
GEPAID CAC000957176

---

**H60**
**SW**
**1/8-1/4**
**0.136 mi.**
**716 ft.**

**Relative:**
**Higher**

**JIMCO RACING INC**
**9335 STEVENS RD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1026057008**
**CAL000453201**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000453201

---

**H61**
**SW**
**1/8-1/4**
**0.136 mi.**
**716 ft.**

**Relative:**
**Higher**

**R K BURNER SHEET METAL**
**9335 STEVENS RD**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**HIST UST**

**S106059894**
**N/A**

Click here for full text details

---

**H62**
**SW**
**1/8-1/4**
**0.136 mi.**
**716 ft.**

**Relative:**
**Higher**

**R.K. BURNER SHEET METAL, INC.**
**9335 STEVENS RD**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**HIST UST**

**U001572274**
**N/A**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2010-HUPFP-212009

**HIST UST**
Facility Id 00000068882

---

**H63**
**SW**
**1/8-1/4**
**0.136 mi.**
**716 ft.**

**Relative:**
**Higher**

**MASTERCRAFT MOTORSPORTS INC**
**9335 STEVENS RD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024849216**
**CAL000405613**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000405613

**K64**
**ESE**
**1/8-1/4**
**0.144 mi.**
**762 ft.**

**Relative:**
**Higher**

**RAFI GORGES**
**11140 MEADOW TERRACE DR.**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1025829201**
**CAC003008755**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003008755

---

**65**
**SE**
**1/8-1/4**
**0.166 mi.**
**876 ft.**

**Relative:**
**Higher**

**JENNIFER JONES**
**9253 BLOOMDALE ST.**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1026817779**
**CAC003130545**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003130545

---

**L66**
**West**
**1/8-1/4**
**0.170 mi.**
**896 ft.**

**Relative:**
**Lower**

**QUALITY CONTROLLED MFG INC**
**9429 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024820220**
**CAL000332740**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000332740

---

**L67**
**West**
**1/8-1/4**
**0.170 mi.**
**896 ft.**

**Relative:**
**Lower**

**QUALITY CONTROLLED MFG INC**
**9429 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA-SQG** **1000344064**
**FINDS** **CAD981396997**
**ECHO**

Click here for full text details

**RCRA-SQG**
EPA Id CAD981396997

**FINDS**
Registry ID: 110002693381
Registry ID: 110055743888

**ECHO**
Registry ID 110055743888
Registry ID 110002693381

**L68**
**West**
**1/8-1/4**
**0.170 mi.**
**896 ft.**

**Relative:**
**Lower**

**QUALITY CONTROLLED MANUFACTURING, INC**
**9429 ABRAHAM WAY**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**CERS**

**S104745175**
**N/A**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2008-HUPFP-209404

---

**M69**
**SW**
**1/8-1/4**
**0.180 mi.**
**953 ft.**

**Relative:**
**Higher**

**FETTERLEY OIL CO**
**9311 STEVENS ST**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**SWEEPS UST**
**NPDES**

**S104746325**
**N/A**

Click here for full text details

**SWEEPS UST**
Comp Number 6168

---

**K70**
**ESE**
**1/8-1/4**
**0.187 mi.**
**985 ft.**

**Relative:**
**Higher**

**JORGE CONTRERAS**
**11203 VIA MADONNA**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1027215377**
**CAC003180076**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003180076

---

**N71**
**SSW**
**1/8-1/4**
**0.192 mi.**
**1012 ft.**

**Relative:**
**Higher**

**HYDRAULIC ELECTRIC COMPONENT SUPPLY INC**
**9316 WHEATLANDS RD SUITES A&B**
**SANTEE, CA 92071**

**CERS HAZ WASTE**
**CERS**

**S123498932**
**N/A**

Click here for full text details

---

**L72**
**West**
**1/8-1/4**
**0.195 mi.**
**1027 ft.**

**Relative:**
**Lower**

**STRATEDGE CORPORATION**
**9424 ABRAHAM WAY**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**HAZNET**
**CERS**
**HWTS**

**S113155444**
**N/A**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2008-HUPFP-209130

**HAZNET**
GEPAID CAL000340945

**L73**
**West**
**1/8-1/4**
**0.195 mi.**
**1027 ft.**

**Relative:**
**Lower**

**STRATEDGE**
**9424 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA-SQG** **1024877046**
**CAR000285569**

Click here for full text details

**RCRA-SQG**
EPA Id CAR000285569

---

**L74**
**West**
**1/8-1/4**
**0.195 mi.**
**1028 ft.**

**Relative:**
**Lower**

**AYMAR INDUSTRIES, LLC.**
**9434 ABRAHAM WAY**
**SANTEE, CA 92071**

**San Diego Co. HMMD** **S106879551**
**CERS HAZ WASTE** **N/A**
**NPDES**
**CIWQS**
**CERS**
**HWTS**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2004-HUPFP-203985

**NPDES**
Facility Status Active

---

**L75**
**West**
**1/8-1/4**
**0.195 mi.**
**1028 ft.**

**Relative:**
**Lower**

**AYMAR ENGINEERING**
**9434 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1025870218**
**CAL000422384**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000422384

---

**O76**
**WSW**
**1/8-1/4**
**0.197 mi.**
**1040 ft.**

**Relative:**
**Lower**

**CALIFORNIA CRAFTED MARBLE DBA CCM ENTERPRISES**
**9366 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024829851**
**CAL000363925**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000363925

---

**O77**
**WSW**
**1/8-1/4**
**0.197 mi.**
**1040 ft.**

**Relative:**
**Lower**

**CALIFORNIA CRAFTED MARBLE**
**9366 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1027081555**
**CAC003153628**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003167212
EPA Id CAC003153628

**O78**
**WSW**
**1/8-1/4**
**0.197 mi.**
**1040 ft.**

**Relative:**
**Lower**

**SAN DIEGO DESIGN INC**
**9366 ABRAHAM WY**
**SANTEE, CA 92071**

**RCRA-SQG**
**San Diego Co. HMMD**
**FINDS**

**1000110665**
**CAD981384993**

Click here for full text details

**RCRA-SQG**
EPA Id CAD981384993

**FINDS**
Registry ID: 110001170893

---

**M79**
**SW**
**1/8-1/4**
**0.198 mi.**
**1044 ft.**

**Relative:**
**Higher**

**ASHLYNN MARKETING GROUP**
**10870 HARTLEY RD #B**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1026046113**
**CAC003052571**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003052571

---

**M80**
**SW**
**1/8-1/4**
**0.198 mi.**
**1044 ft.**

**Relative:**
**Higher**

**ASHLYNN MARKETING GROUP**
**10870 HARTLEY RD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1026806083**
**CAC003118281**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003118281

---

**M81**
**SW**
**1/8-1/4**
**0.198 mi.**
**1044 ft.**

**Relative:**
**Higher**

**ASHLYNN MARKETING GROUP**
**10870 HARTLEY RD STE B**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1025857908**
**CAC003038393**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003038393

---

**O82**
**WSW**
**1/8-1/4**
**0.205 mi.**
**1085 ft.**

**Relative:**
**Higher**

**ACCURATE AIR ENGINEERING INC**
**9356 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024828097**
**CAL000359247**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000359247

**O83**
**WSW**
**1/8-1/4**
**0.205 mi.**
**1085 ft.**

**Relative:**
**Higher**

**JERAMES TOOL AND MFG**
**9356 ABRAHAM WAY**
**SANTEE, CA 92071**

**Database(s):** RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO
**EDR ID Number:** 1000149680
**EPA ID Number:** CAD020203139

Click here for full text details

**RCRA-SQG**
EPA Id CAD020203139

**FINDS**
Registry ID: 110002638799

**ECHO**
Registry ID 110002638799

---

**O84**
**WSW**
**1/8-1/4**
**0.205 mi.**
**1085 ft.**

**Relative:**
**Higher**

**JERAMES TOOL & MFG**
**9356 ABRAHAM WAY**
**SANTEE, CA 92071**

**Database(s):** San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS, HWTS
**EDR ID Number:** S113000012
**EPA ID Number:** N/A

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2017-HUPFP-003420

**HAZNET**
GEPAID CAD020203139

---

**O85**
**WSW**
**1/8-1/4**
**0.205 mi.**
**1085 ft.**

**Relative:**
**Higher**

**STREET TRENZ INC**
**9356 ABRAHAM WAY**
**SANTEE, CA 92071**

**Database(s):** RCRA NonGen / NLR
**EDR ID Number:** 1026829196
**EPA ID Number:** CAL000464248

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000464248

---

**N86**
**SSW**
**1/8-1/4**
**0.207 mi.**
**1094 ft.**

**Relative:**
**Higher**

**MATHY MACHINE, INC.**
**9315 WHEATLANDS RD**
**SANTEE, CA 92071**

**Database(s):** San Diego Co. HMMD, CERS HAZ WASTE, CERS, HWTS
**EDR ID Number:** S104754432
**EPA ID Number:** N/A

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2002-HUPFP-134448

**N87**
**SSW**
**1/8-1/4**
**0.207 mi.**
**1094 ft.**

**Relative:**
**Higher**

**MATHY MACHINE INC**
**9315 WHEATLANDS, #B**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024783562**
**CAD982028144**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAD982028144

---

**L88**
**West**
**1/8-1/4**
**0.207 mi.**
**1094 ft.**

**Relative:**
**Lower**

**SOUTHBAY FOUNDRY, INC.**
**9444 ABRAHAM WAY**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**CERS**

**S105022245**
**N/A**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2002-HUPFP-102129

---

**L89**
**West**
**1/8-1/4**
**0.207 mi.**
**1094 ft.**

**Relative:**
**Lower**

**SOUTH BAY FOUNDRY**
**9444 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024753105**
**CAC002972916**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC002972916

---

**L90**
**West**
**1/8-1/4**
**0.207 mi.**
**1094 ft.**

**Relative:**
**Lower**

**SOUTH BAY FOUNDRY INC**
**9444 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1025868660**
**CAL000378761**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000378761

---

**P91**
**WSW**
**1/8-1/4**
**0.214 mi.**
**1132 ft.**

**Relative:**
**Higher**

**EASTWOOD MACHINE, LLC**
**9346 ABRAHAM WAY**
**SANTEE, CA 92071**

**San Diego Co. HMMD**
**CERS HAZ WASTE**
**HAZNET**
**CERS**
**HWTS**

**S118236783**
**N/A**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2018-HUPFP-004733

**HAZNET**
GEPAID CAL000400233

**P92**
**WSW**
**1/8-1/4**
**0.214 mi.**
**1132 ft.**

**Relative:**
**Higher**

**EASTWOOD MACHINE LLC**
**9346 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024846304**
**CAL000400233**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000400233

---

**Q93**
**SW**
**1/8-1/4**
**0.214 mi.**
**1132 ft.**

**Relative:**
**Higher**

**DISCFLO CORP**
**10850 HARTLEY RD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1024809923**
**CAL000287207**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000287207

---

**Q94**
**SW**
**1/8-1/4**
**0.214 mi.**
**1132 ft.**

**Relative:**
**Higher**

**DISCFLO CORPORATION**
**10850 HARTLEY RD A**
**SANTEE, CA 92071**

**San Diego Co. HMMD** **S104756044**
**CERS HAZ WASTE** **N/A**
**CERS**

Click here for full text details

**San Diego Co. HMMD**
Record ID DEH2004-HUPFP-203299

---

**95**
**ESE**
**1/8-1/4**
**0.216 mi.**
**1142 ft.**

**Relative:**
**Higher**

**CHARLES HELMER**
**9247 VIA ANITA**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1026167789**
**CAC003067834**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003067834

---

**96**
**ESE**
**1/8-1/4**
**0.220 mi.**
**1159 ft.**

**Relative:**
**Higher**

**AMY SKINNER**
**9240 NORTHCOTE ROAD**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** **1025845204**
**CAC003024825**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003024825

**R97**
**ENE**
**1/8-1/4**
**0.220 mi.**
**1161 ft.**

**Relative:**
**Higher**

**VISION SYSTEMS INC**
**11322 WOODSIDE AVE NORTH**
**SANTEE, CA 92071**

**RCRA-LQG** | **1019899720**
**CAR000268656**

Click here for full text details

**RCRA-LQG**
EPA Id CAR000268656

---

**R98**
**ENE**
**1/8-1/4**
**0.220 mi.**
**1161 ft.**

**Relative:**
**Higher**

**VISION SYSTEMS**
**11322 WOODSIDE AVENUE NORTH**
**SANTEE, CA 92071**

**CERS HAZ WASTE**
**NPDES**
**CIWQS**
**CERS**

**S112867431**
**N/A**

Click here for full text details

**NPDES**
Facility Status Active

---

**P99**
**WSW**
**1/8-1/4**
**0.225 mi.**
**1188 ft.**

**Relative:**
**Higher**

**A-I-M PLASTICS INC**
**9326 ABRAHAM WAY**
**SANTEE, CA 92071**

**RCRA NonGen / NLR**

**1024798672**
**CAL000205165**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000205165

---

**P100**
**SW**
**1/8-1/4**
**0.238 mi.**
**1258 ft.**

**Relative:**
**Higher**

**ALTS TOOL AND MACHINE**
**9316 ABRAHAM WY**
**SANTEE, CA 92071**

**RCRA-SQG**
**San Diego Co. HMMD**
**FINDS**
**ECHO**

**1000905298**
**CA0000477877**

Click here for full text details

**RCRA-SQG**
EPA Id CA0000477877

**FINDS**
Registry ID: 110002618490

**ECHO**
Registry ID 110002618490

**101**
**SE**
**1/8-1/4**
**0.246 mi.**
**1297 ft.**

**Relative:**
**Higher**

**CARLOS MERCADO**
**9211 BLOOMDALE ST**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1026482808**
**CAC003088865**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAC003088865

---

**102**
**East**
**1/8-1/4**
**0.247 mi.**
**1303 ft.**

**Relative:**
**Higher**

**SPECIALTY METALS FABRICATION INC**
**11222 WOODSIDE AVE**
**SANTEE, CA 92071**

**RCRA NonGen / NLR** | **1024813849**
**CAL000305980**

Click here for full text details

**RCRA NonGen / NLR**
EPA Id CAL000305980

---

**S103**
**ENE**
**1/4-1/2**
**0.395 mi.**
**2085 ft.**

**Relative:**
**Higher**

**DION & SONS, INC**
**11427 WOODSIDE AVE**
**SANTEE, CA 92071**

**LUST**
**SAN DIEGO CO. SAM**
**San Diego Co. HMMD**
**CERS HAZ WASTE**
**CERS TANKS**
**CERS** | **S104749008**
**N/A**

Click here for full text details

**LUST**
Global Id T0607303173
Status Completed - Case Closed

**SAN DIEGO CO. SAM**
Case Number H19469-001
Case Number H19469-002
Case Number H19469-003
Case Number H19469-004
Facility Status Remedial Investigation
Facility Status Closed Case

**San Diego Co. HMMD**
Record ID DEH2008-HUPFP-209366

---

**S104**
**ENE**
**1/4-1/2**
**0.395 mi.**
**2085 ft.**

**Relative:**
**Higher**

**ANTHONY T. DITTY**
**11427 WOODSIDE AVE**
**SANTEE, CA 92071**

**LUST**
**CPS-SLIC**
**AST**
**Cortese**
**HIST CORTESE**
**SAN DIEGO CO LOP**
**CERS** | **S101301751**
**N/A**

Click here for full text details

**LUST**
Case Number 9UT938
Status Remediation Plan

**ANTHONY T. DITTY (Continued)** **S101301751**

**CPS-SLIC**
Global Id T0608144417
Global Id T0608182940
Global Id T0608115165
Global Id T10000004271
Facility Status Completed - Case Closed
Facility Status Open - Site Assessment

Click here to access the California GeoTracker records for this facility

**Cortese**
Cleanup Status COMPLETED - CASE CLOSED

**HIST CORTESE**
Reg Id 9UT938

---

**T105** **SANTEE army camp** **ENVIROSTOR** **S107737292**
**SSW** **N/A**
**1/2-1** **SANTEE, CA**
**0.755 mi.**
**3988 ft.**

Click here for full text details

**Relative:**
**Higher**

**ENVIROSTOR**
Facility Id 80000969
Status Inactive - Needs Evaluation

---

**T106** **ARMY CAMP (SANTEE)** **FUDS** **1024904003**
**SSW** **N/A**
**1/2-1** **SANTEE, CA**
**0.757 mi.**
**3997 ft.**

Click here for full text details

**Relative:**
**Higher**

---

**U107** **DAVE'S AUTO SERVICE** **HIST Cal-Sites** **S102860941**
**SW** **10438 MISSION GORGE ROAD** **N/A**
**1/2-1** **SANTEE, CA 92071**
**0.812 mi.**
**4290 ft.**

Click here for full text details

**Relative:**
**Higher**

**U108**
**SW**
**1/2-1**
**0.812 mi.**
**4290 ft.**

**Relative:**
**Higher**

**DAVE'S AUTO SERVICE**
**10438 MISSION GORGE ROAD**
**SANTEE, CA 92071**

**RESPONSE**
**ENVIROSTOR**
**LIENS**

**S108744490**
**N/A**

Click here for full text details

**RESPONSE**
Status Certified
Facility Id 37750003

**ENVIROSTOR**
Facility Id 37750003
Status Certified

**LIENS**
Envirostor Id 37750003

---

**109**
**NW**
**1/2-1**
**0.831 mi.**
**4389 ft.**

**Relative:**
**Higher**

**SANTANA HIGH SCHOOL**
**9915 MAGNOLIA AVENUE**
**SANTEE, CA 92071**

**ENVIROSTOR**
**SCH**
**CERS**

**S103677965**
**N/A**

Click here for full text details

**ENVIROSTOR**
Facility Id 60000859
Status Inactive - Withdrawn

**SCH**
Facility Id 60000859
Status Inactive - Withdrawn

---

**110**
**WSW**
**1/2-1**
**0.841 mi.**
**4438 ft.**

**Relative:**
**Lower**

**EDGEMORE HOSPITAL**

**SANTEE, CA**

**Notify 65**

**S100178162**
**N/A**

Click here for full text details

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl. Date | Active Date |
|---|---|---|---|---|---|---|
| CA | AQUEOUS FOAM | Former Fire Training Facility Assessments Listing | State Water Resources Control Board | 02/20/2020 | 12/10/2021 | 02/25/2022 |
| CA | AST | Aboveground Petroleum Storage Tank Facilities | California Environmental Protection Agency | 07/06/2016 | 07/12/2016 | 09/19/2016 |
| CA | BROWNFIELDS | Considered Brownfieds Sites Listing | State Water Resources Control Board | 06/21/2022 | 06/21/2022 | 09/08/2022 |
| CA | CA BOND EXP. PLAN | Bond Expenditure Plan | Department of Health Services | 01/01/1989 | 07/27/1994 | 08/02/1994 |
| CA | CA FID UST | Facility Inventory Database | California Environmental Protection Agency | 10/31/1994 | 09/05/1995 | 09/29/1995 |
| CA | CDL | Clandestine Drug Labs | Department of Toxic Substances Control | 12/31/2019 | 01/20/2021 | 04/08/2021 |
| CA | CERS | CalEPA Regulated Site Portal Data | California Environmental Protection Agency | 04/18/2022 | 04/19/2022 | 07/12/2022 |
| CA | CERS HAZ WASTE | CERS HAZ WASTE | CalEPA | 04/18/2022 | 04/19/2022 | 07/12/2022 |
| CA | CERS TANKS | California Environmental Reporting System (CERS) Tanks | California Environmental Protection Agency | 04/18/2022 | 04/19/2022 | 07/12/2022 |
| CA | CHMIRS | California Hazardous Material Incident Report System | Office of Emergency Services | 04/03/2022 | 04/19/2022 | 07/12/2022 |
| CA | CIWQS | California Integrated Water Quality System | State Water Resources Control Board | 08/16/2022 | 08/17/2022 | 08/18/2022 |
| CA | CORTESE | "Cortese" Hazardous Waste & Substances Sites List | CAL EPA/Office of Emergency Information | 06/21/2022 | 06/21/2022 | 09/08/2022 |
| CA | CPS-SLIC | Statewide SLIC Cases (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 05/24/2022 |
| CA | CUPA LIVERMORE-PLEASANTON | CUPA Facility Listing | Livermore-Pleasanton Fire Department | 12/07/2021 | 05/09/2022 | 05/17/2022 |
| CA | DEED | Deed Restriction Listing | DTSC and SWRCB | 05/31/2022 | 05/31/2022 | 08/18/2022 |
| CA | DRYCLEAN AVAQMD | Antelope Valley Air Quality Management District Drycleaner L | Antelope Valley Air Quality Management Distri | 05/25/2022 | 05/26/2022 | 08/11/2022 |
| CA | DRYCLEAN SOUTH COAST | South Coast Air Quality Management District Drycleaner Listi | South Coast Air Quality Management District | 05/20/2022 | 05/20/2022 | 08/09/2022 |
| CA | DRYCLEANERS | Cleaner Facilities | Department of Toxic Substance Control | 08/27/2021 | 09/01/2021 | 11/19/2021 |
| CA | EMI | Emissions Inventory Data | California Air Resources Board | 12/31/2020 | 06/13/2022 | 08/30/2022 |
| CA | ENF | Enforcement Action Listing | State Water Resoruces Control Board | 04/12/2022 | 04/19/2022 | 05/31/2022 |
| CA | ENVIROSTOR | EnviroStor Database | Department of Toxic Substances Control | 04/25/2022 | 04/26/2022 | 07/15/2022 |
| CA | Financial Assurance 1 | Financial Assurance Information Listing | Department of Toxic Substances Control | 04/19/2022 | 04/29/2022 | 07/15/2022 |
| CA | Financial Assurance 2 | Financial Assurance Information Listing | California Integrated Waste Management Board | 08/09/2022 | 08/10/2022 | 08/30/2022 |
| CA | HAULERS | Registered Waste Tire Haulers Listing | Integrated Waste Management Board | 08/12/2022 | 08/16/2022 | 08/26/2022 |
| CA | HAZNET | Facility and Manifest Data | California Environmental Protection Agency | 12/31/2021 | 07/05/2022 | 09/19/2022 |
| CA | HIST CAL-SITES | Calsites Database | Department of Toxic Substance Control | 08/08/2005 | 08/03/2006 | 08/24/2006 |
| CA | HIST CORTESE | Hazardous Waste & Substance Site List | Department of Toxic Substances Control | 04/01/2001 | 01/22/2009 | 04/08/2009 |
| CA | HIST UST | Hazardous Substance Storage Container Database | State Water Resources Control Board | 10/15/1990 | 01/25/1991 | 02/12/1991 |
| CA | HWP | EnviroStor Permitted Facilities Listing | Department of Toxic Substances Control | 05/16/2022 | 05/17/2022 | 08/03/2022 |
| CA | HWT | Registered Hazardous Waste Transporter Database | Department of Toxic Substances Control | 07/05/2022 | 07/05/2022 | 09/19/2022 |
| CA | HWTS | Hazardous Waste Tracking System | Department of Toxic Substances Control | 04/05/2022 | 04/05/2022 | 04/26/2022 |
| CA | ICE | ICE | Department of Toxic Subsances Control | 05/16/2022 | 05/17/2022 | 08/03/2022 |
| CA | LDS | Land Disposal Sites Listing (GEOTRACKER) | State Water Qualilty Control Board | 05/23/2022 | 05/23/2022 | 05/24/2022 |
| CA | LIENS | Environmental Liens Listing | Department of Toxic Substances Control | 05/25/2022 | 05/26/2022 | 08/11/2022 |
| CA | LUST | Leaking Underground Fuel Tank Report (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 05/24/2022 |
| CA | LUST REG 1 | Active Toxic Site Investigation | California Regional Water Quality Control Boa | 02/01/2001 | 02/28/2001 | 03/29/2001 |
| CA | LUST REG 2 | Fuel Leak List | California Regional Water Quality Control Boa | 09/30/2004 | 10/20/2004 | 11/19/2004 |
| CA | LUST REG 3 | Leaking Underground Storage Tank Database | California Regional Water Quality Control Boa | 05/19/2003 | 05/19/2003 | 06/02/2003 |
| CA | LUST REG 4 | Underground Storage Tank Leak List | California Regional Water Quality Control Boa | 09/07/2004 | 09/07/2004 | 10/12/2004 |
| CA | LUST REG 5 | Leaking Underground Storage Tank Database | California Regional Water Quality Control Boa | 07/01/2008 | 07/22/2008 | 07/31/2008 |
| CA | LUST REG 6L | Leaking Underground Storage Tank Case Listing | California Regional Water Quality Control Boa | 09/09/2003 | 09/10/2003 | 10/07/2003 |
| CA | LUST REG 6V | Leaking Underground Storage Tank Case Listing | California Regional Water Quality Control Boa | 06/07/2005 | 06/07/2005 | 06/29/2005 |
| CA | LUST REG 7 | Leaking Underground Storage Tank Case Listing | California Regional Water Quality Control Boa | 02/26/2004 | 02/26/2004 | 03/24/2004 |
| CA | LUST REG 8 | Leaking Underground Storage Tanks | California Regional Water Quality Control Boa | 02/14/2005 | 02/15/2005 | 03/28/2005 |
| CA | LUST REG 9 | Leaking Underground Storage Tank Report | California Regional Water Quality Control Boa | 03/01/2001 | 04/23/2001 | 05/21/2001 |
| CA | MCS | Military Cleanup Sites Listing (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 05/24/2022 |
| CA | MILITARY PRIV SITES | Military Privatized Sites (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl. Date | Active Date |
|---|---|---|---|---|---|---|
| CA | MILITARY UST SITES | Military UST Sites (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | MINES | Mines Site Location Listing | Department of Conservation | 06/06/2022 | 06/07/2022 | 08/23/2022 |
| CA | MWMP | Medical Waste Management Program Listing | Department of Public Health | 05/06/2022 | 05/31/2022 | 08/18/2022 |
| CA | NON-CASE INFO | Non-Case Information Sites (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | NOTIFY 65 | Proposition 65 Records | State Water Resources Control Board | 06/10/2022 | 06/10/2022 | 08/26/2022 |
| CA | NPDES | NPDES Permits Listing | State Water Resources Control Board | 05/09/2022 | 05/09/2022 | 07/29/2022 |
| CA | OTHER OIL GAS | Other Oil & Gas Projects Sites (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | PEST LIC | Pesticide Regulation Licenses Listing | Department of Pesticide Regulation | 05/31/2022 | 05/31/2022 | 08/18/2022 |
| CA | PFAS | PFAS Contamination Site Location Listing | State Water Resources Control Board | 06/06/2022 | 06/07/2022 | 08/24/2022 |
| CA | PROC | Certified Processors Database | Department of Conservation | 06/06/2022 | 06/07/2022 | 08/23/2022 |
| CA | PROD WATER PONDS | Produced Water Ponds Sites (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | PROJECT | Project Sites (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | RESPONSE | State Response Sites | Department of Toxic Substances Control | 04/25/2022 | 04/26/2022 | 07/15/2022 |
| CA | RGA LF | Recovered Government Archive Solid Waste Facilities List | Department of Resources Recycling and Recover | | 07/01/2013 | 01/13/2014 |
| CA | RGA LUST | Recovered Government Archive Leaking Underground Storage Tan | State Water Resources Control Board | | 07/01/2013 | 12/30/2013 |
| CA | SAMPLING POINT | Sampling Point ? Public Sites (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | SAN FRANCISCO AST | Aboveground Storage Tank Site Listing | San Francisco County Department of Public Hea | 05/05/2022 | 05/06/2022 | 07/21/2022 |
| CA | SCH | School Property Evaluation Program | Department of Toxic Substances Control | 04/25/2022 | 04/26/2022 | 07/15/2022 |
| CA | SLIC REG 1 | Active Toxic Site Investigations | California Regional Water Quality Control Boa | 04/03/2003 | 04/07/2003 | 04/25/2003 |
| CA | SLIC REG 2 | Spills, Leaks, Investigation & Cleanup Cost Recovery Listing | Regional Water Quality Control Board San Fran | 09/30/2004 | 10/20/2004 | 11/19/2004 |
| CA | SLIC REG 3 | Spills, Leaks, Investigation & Cleanup Cost Recovery Listing | California Regional Water Quality Control Boa | 05/18/2006 | 05/18/2006 | 06/15/2006 |
| CA | SLIC REG 4 | Spills, Leaks, Investigation & Cleanup Cost Recovery Listing | Region Water Quality Control Board Los Angele | 11/17/2004 | 11/18/2004 | 01/04/2005 |
| CA | SLIC REG 5 | Spills, Leaks, Investigation & Cleanup Cost Recovery Listing | Regional Water Quality Control Board Central | 04/01/2005 | 04/05/2005 | 04/21/2005 |
| CA | SLIC REG 6L | SLIC Sites | California Regional Water Quality Control Boa | 09/07/2004 | 09/07/2004 | 10/12/2004 |
| CA | SLIC REG 6V | Spills, Leaks, Investigation & Cleanup Cost Recovery Listing | Regional Water Quality Control Board, Victorv | 05/24/2005 | 05/25/2005 | 06/16/2005 |
| CA | SLIC REG 7 | SLIC List | California Regional Quality Control Board, Co | 11/24/2004 | 11/29/2004 | 01/04/2005 |
| CA | SLIC REG 8 | Spills, Leaks, Investigation & Cleanup Cost Recovery Listing | California Region Water Quality Control Board | 04/03/2008 | 04/03/2008 | 04/14/2008 |
| CA | SLIC REG 9 | Spills, Leaks, Investigation & Cleanup Cost Recovery Listing | California Regional Water Quality Control Boa | 09/10/2007 | 09/11/2007 | 09/28/2007 |
| CA | SPILLS 90 | SPILLS90 data from FirstSearch | FirstSearch | 06/06/2012 | 01/03/2013 | 02/22/2013 |
| CA | SWEEPS UST | SWEEPS UST Listing | State Water Resources Control Board | 06/01/1994 | 07/07/2005 | 08/11/2005 |
| CA | SWF/LF (SWIS) | Solid Waste Information System | Department of Resources Recycling and Recover | 05/09/2022 | 05/09/2022 | 07/29/2022 |
| CA | SWRCY | Recycler Database | Department of Conservation | 06/06/2022 | 06/07/2022 | 08/23/2022 |
| CA | TOXIC PITS | Toxic Pits Cleanup Act Sites | State Water Resources Control Board | 07/01/1995 | 08/30/1995 | 09/26/1995 |
| CA | UIC | UIC Listing | Deaprtment of Conservation | 06/06/2022 | 06/07/2022 | 08/23/2022 |
| CA | UIC GEO | Underground Injection Control Sites (GEOTRACKER) | State Water Resource Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | UST | Active UST Facilities | SWRCB | 06/06/2022 | 06/07/2022 | 08/24/2022 |
| CA | UST CLOSURE | Proposed Closure of Underground Storage Tank (UST) Cases | State Water Resources Control Board | 06/01/2022 | 06/09/2022 | 08/26/2022 |
| CA | VCP | Voluntary Cleanup Program Properties | Department of Toxic Substances Control | 04/25/2022 | 04/26/2022 | 07/15/2022 |
| CA | WASTEWATER PITS | Oil Wastewater Pits Listing | RWQCB, Central Valley Region | 02/11/2021 | 07/01/2021 | 09/29/2021 |
| CA | WDR | Waste Discharge Requirements Listing | State Water Resources Control Board | 06/06/2022 | 06/07/2022 | 08/24/2022 |
| CA | WDS | Waste Discharge System | State Water Resources Control Board | 06/19/2007 | 06/20/2007 | 06/29/2007 |
| CA | WELL STIM PROJ | Well Stimulation Project (GEOTRACKER) | State Water Resources Control Board | 05/23/2022 | 05/23/2022 | 06/02/2022 |
| CA | WIP | Well Investigation Program Case List | Los Angeles Water Quality Control Board | 07/03/2009 | 07/21/2009 | 08/03/2009 |
| CA | WMUDS/SWAT | Waste Management Unit Database | State Water Resources Control Board | 04/01/2000 | 04/10/2000 | 05/10/2000 |
| US | 2020 COR ACTION | 2020 Corrective Action Program List | Environmental Protection Agency | 09/30/2017 | 05/08/2018 | 07/20/2018 |
| US | ABANDONED MINES | Abandoned Mines | Department of Interior | 06/14/2022 | 06/15/2022 | 08/22/2022 |
| US | BRS | Biennial Reporting System | EPA/NTIS | 12/31/2019 | 03/02/2022 | 03/25/2022 |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl. Date | Active Date |
|---|---|---|---|---|---|---|
| US | COAL ASH DOE | Steam-Electric Plant Operation Data | Department of Energy | 12/31/2020 | 11/30/2021 | 02/22/2022 |
| US | COAL ASH EPA | Coal Combustion Residues Surface Impoundments List | Environmental Protection Agency | 01/12/2017 | 03/05/2019 | 11/11/2019 |
| US | CONSENT | Superfund (CERCLA) Consent Decrees | Department of Justice, Consent Decree Library | 03/31/2022 | 04/14/2022 | 07/12/2022 |
| US | CORRACTS | Corrective Action Report | EPA | 06/20/2022 | 06/21/2022 | 06/28/2022 |
| US | DEBRIS REGION 9 | Torres Martinez Reservation Illegal Dump Site Locations | EPA, Region 9 | 01/12/2009 | 05/07/2009 | 09/21/2009 |
| US | DOCKET HWC | Hazardous Waste Compliance Docket Listing | Environmental Protection Agency | 05/06/2021 | 05/21/2021 | 08/11/2021 |
| US | DOD | Department of Defense Sites | USGS | 06/07/2021 | 07/13/2021 | 03/09/2022 |
| US | DOT OPS | Incident and Accident Data | Department of Transporation, Office of Pipeli | 01/02/2020 | 01/28/2020 | 04/17/2020 |
| US | Delisted NPL | National Priority List Deletions | EPA | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | ECHO | Enforcement & Compliance History Information | Environmental Protection Agency | 04/02/2022 | 04/05/2022 | 06/28/2022 |
| US | EDR Hist Auto | EDR Exclusive Historical Auto Stations | EDR, Inc. | | | |
| US | EDR Hist Cleaner | EDR Exclusive Historical Cleaners | EDR, Inc. | | | |
| US | EDR MGP | EDR Proprietary Manufactured Gas Plants | EDR, Inc. | | | |
| US | EPA WATCH LIST | EPA WATCH LIST | Environmental Protection Agency | 08/30/2013 | 03/21/2014 | 06/17/2014 |
| US | ERNS | Emergency Response Notification System | National Response Center, United States Coast | 06/14/2022 | 06/15/2022 | 06/21/2022 |
| US | FEDERAL FACILITY | Federal Facility Site Information listing | Environmental Protection Agency | 05/25/2021 | 06/24/2021 | 09/20/2021 |
| US | FEDLAND | Federal and Indian Lands | U.S. Geological Survey | 04/02/2018 | 04/11/2018 | 11/06/2019 |
| US | FEMA UST | Underground Storage Tank Listing | FEMA | 10/14/2021 | 11/05/2021 | 02/01/2022 |
| US | FINDS | Facility Index System/Facility Registry System | EPA | 05/13/2022 | 05/18/2022 | 05/31/2022 |
| US | FTTS | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu | EPA/Office of Prevention, Pesticides and Toxi | 04/09/2009 | 04/16/2009 | 05/11/2009 |
| US | FTTS INSP | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu | EPA | 04/09/2009 | 04/16/2009 | 05/11/2009 |
| US | FUDS | Formerly Used Defense Sites | U.S. Army Corps of Engineers | 05/11/2022 | 05/17/2022 | 07/29/2022 |
| US | FUELS PROGRAM | EPA Fuels Program Registered Listing | EPA | 05/16/2022 | 05/17/2022 | 07/29/2022 |
| US | FUSRAP | Formerly Utilized Sites Remedial Action Program | Department of Energy | 07/26/2021 | 07/27/2021 | 10/22/2021 |
| US | HIST FTTS | FIFRA/TSCA Tracking System Administrative Case Listing | Environmental Protection Agency | 10/19/2006 | 03/01/2007 | 04/10/2007 |
| US | HIST FTTS INSP | FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis | Environmental Protection Agency | 10/19/2006 | 03/01/2007 | 04/10/2007 |
| US | HMIRS | Hazardous Materials Information Reporting System | U.S. Department of Transportation | 03/21/2022 | 03/21/2022 | 06/14/2022 |
| US | ICIS | Integrated Compliance Information System | Environmental Protection Agency | 11/18/2016 | 11/23/2016 | 02/10/2017 |
| US | IHS OPEN DUMPS | Open Dumps on Indian Land | Department of Health & Human Serivces, Indian | 04/01/2014 | 08/06/2014 | 01/29/2015 |
| US | INDIAN LUST R1 | Leaking Underground Storage Tanks on Indian Land | EPA Region 1 | 04/28/2021 | 06/11/2021 | 09/07/2021 |
| US | INDIAN LUST R10 | Leaking Underground Storage Tanks on Indian Land | EPA Region 10 | 04/20/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN LUST R4 | Leaking Underground Storage Tanks on Indian Land | EPA Region 4 | 06/02/2022 | 06/13/2022 | 08/31/2022 |
| US | INDIAN LUST R5 | Leaking Underground Storage Tanks on Indian Land | EPA, Region 5 | 04/11/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN LUST R6 | Leaking Underground Storage Tanks on Indian Land | EPA Region 6 | 04/28/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN LUST R7 | Leaking Underground Storage Tanks on Indian Land | EPA Region 7 | 04/14/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN LUST R8 | Leaking Underground Storage Tanks on Indian Land | EPA Region 8 | 04/20/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN LUST R9 | Leaking Underground Storage Tanks on Indian Land | Environmental Protection Agency | 04/08/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN ODI | Report on the Status of Open Dumps on Indian Lands | Environmental Protection Agency | 12/31/1998 | 12/03/2007 | 01/24/2008 |
| US | INDIAN RESERV | Indian Reservations | USGS | 12/31/2014 | 07/14/2015 | 01/10/2017 |
| US | INDIAN UST R1 | Underground Storage Tanks on Indian Land | EPA, Region 1 | 04/07/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN UST R10 | Underground Storage Tanks on Indian Land | EPA Region 10 | 04/20/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN UST R4 | Underground Storage Tanks on Indian Land | EPA Region 4 | 06/02/2022 | 06/13/2022 | 08/31/2022 |
| US | INDIAN UST R5 | Underground Storage Tanks on Indian Land | EPA Region 5 | 04/11/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN UST R6 | Underground Storage Tanks on Indian Land | EPA Region 6 | 04/28/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN UST R7 | Underground Storage Tanks on Indian Land | EPA Region 7 | 04/14/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN UST R8 | Underground Storage Tanks on Indian Land | EPA Region 8 | 04/20/2022 | 06/13/2022 | 08/16/2022 |
| US | INDIAN UST R9 | Underground Storage Tanks on Indian Land | EPA Region 9 | 04/08/2022 | 06/13/2022 | 08/16/2022 |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl. Date | Active Date |
|---|---|---|---|---|---|---|
| US | INDIAN VCP R1 | Voluntary Cleanup Priority Listing | EPA, Region 1 | 07/27/2015 | 09/29/2015 | 02/18/2016 |
| US | INDIAN VCP R7 | Voluntary Cleanup Priority Lisitng | EPA, Region 7 | 03/20/2008 | 04/22/2008 | 05/19/2008 |
| US | LEAD SMELTER 1 | Lead Smelter Sites | Environmental Protection Agency | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | LEAD SMELTER 2 | Lead Smelter Sites | American Journal of Public Health | 04/05/2001 | 10/27/2010 | 12/02/2010 |
| US | LIENS 2 | CERCLA Lien Information | Environmental Protection Agency | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | LUCIS | Land Use Control Information System | Department of the Navy | 05/16/2022 | 05/19/2022 | 07/29/2022 |
| US | MINES MRDS | Mineral Resources Data System | USGS | 04/06/2018 | 10/21/2019 | 10/24/2019 |
| US | MINES VIOLATIONS | MSHA Violation Assessment Data | DOL, Mine Safety & Health Admi | 03/21/2022 | 03/22/2022 | 03/25/2022 |
| US | MLTS | Material Licensing Tracking System | Nuclear Regulatory Commission | 06/10/2022 | 06/14/2022 | 08/22/2022 |
| US | NPL | National Priority List | EPA | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | NPL LIENS | Federal Superfund Liens | EPA | 10/15/1991 | 02/02/1994 | 03/30/1994 |
| US | ODI | Open Dump Inventory | Environmental Protection Agency | 06/30/1985 | 08/09/2004 | 09/17/2004 |
| US | PADS | PCB Activity Database System | EPA | 01/20/2022 | 01/20/2022 | 03/25/2022 |
| US | PCB TRANSFORMER | PCB Transformer Registration Database | Environmental Protection Agency | 09/13/2019 | 11/06/2019 | 02/10/2020 |
| US | PCS | Permit Compliance System | EPA, Office of Water | 07/14/2011 | 08/05/2011 | 09/29/2011 |
| US | PCS ENF | Enforcement data | EPA | 12/31/2014 | 02/05/2015 | 03/06/2015 |
| US | PCS INACTIVE | Listing of Inactive PCS Permits | EPA | 11/05/2014 | 01/06/2015 | 05/06/2015 |
| US | PRP | Potentially Responsible Parties | EPA | 07/26/2022 | 08/02/2022 | 08/31/2022 |
| US | Proposed NPL | Proposed National Priority List Sites | EPA | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | RAATS | RCRA Administrative Action Tracking System | EPA | 04/17/1995 | 07/03/1995 | 08/07/1995 |
| US | RADINFO | Radiation Information Database | Environmental Protection Agency | 07/01/2019 | 07/01/2019 | 09/23/2019 |
| US | RCRA NonGen / NLR | RCRA - Non Generators / No Longer Regulated | Environmental Protection Agency | 06/20/2022 | 06/21/2022 | 06/28/2022 |
| US | RCRA-LQG | RCRA - Large Quantity Generators | Environmental Protection Agency | 06/20/2022 | 06/21/2022 | 06/28/2022 |
| US | RCRA-SQG | RCRA - Small Quantity Generators | Environmental Protection Agency | 06/20/2022 | 06/21/2022 | 06/28/2022 |
| US | RCRA-TSDF | RCRA - Treatment, Storage and Disposal | Environmental Protection Agency | 06/20/2022 | 06/21/2022 | 06/28/2022 |
| US | RCRA-VSQG | RCRA - Very Small Quantity Generators (Formerly Conditionall | Environmental Protection Agency | 06/20/2022 | 06/21/2022 | 06/28/2022 |
| US | RMP | Risk Management Plans | Environmental Protection Agency | 04/27/2022 | 05/04/2022 | 05/10/2022 |
| US | ROD | Records Of Decision | EPA | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | SCRD DRYCLEANERS | State Coalition for Remediation of Drycleaners Listing | Environmental Protection Agency | 01/01/2017 | 02/03/2017 | 04/07/2017 |
| US | SEMS | Superfund Enterprise Management System | EPA | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | SEMS-ARCHIVE | Superfund Enterprise Management System Archive | EPA | 07/26/2022 | 08/02/2022 | 08/22/2022 |
| US | SSTS | Section 7 Tracking Systems | EPA | 07/18/2022 | 07/18/2022 | 07/29/2022 |
| US | TRIS | Toxic Chemical Release Inventory System | EPA | 12/31/2018 | 08/14/2020 | 11/04/2020 |
| US | TSCA | Toxic Substances Control Act | EPA | 12/31/2016 | 06/17/2020 | 09/10/2020 |
| US | UMTRA | Uranium Mill Tailings Sites | Department of Energy | 08/30/2019 | 11/15/2019 | 01/28/2020 |
| US | US AIRS (AFS) | Aerometric Information Retrieval System Facility Subsystem ( | EPA | 10/12/2016 | 10/26/2016 | 02/03/2017 |
| US | US AIRS MINOR | Air Facility System Data | EPA | 10/12/2016 | 10/26/2016 | 02/03/2017 |
| US | US BROWNFIELDS | A Listing of Brownfields Sites | Environmental Protection Agency | 02/23/2022 | 03/10/2022 | 03/10/2022 |
| US | US CDL | Clandestine Drug Labs | Drug Enforcement Administration | 04/30/2022 | 05/24/2022 | 07/29/2022 |
| US | US ENG CONTROLS | Engineering Controls Sites List | Environmental Protection Agency | 05/16/2022 | 05/24/2022 | 07/29/2022 |
| US | US FIN ASSUR | Financial Assurance Information | Environmental Protection Agency | 06/20/2022 | 06/21/2022 | 08/31/2022 |
| US | US HIST CDL | National Clandestine Laboratory Register | Drug Enforcement Administration | 04/30/2022 | 05/24/2022 | 07/29/2022 |
| US | US INST CONTROLS | Institutional Controls Sites List | Environmental Protection Agency | 05/16/2022 | 05/24/2022 | 07/29/2022 |
| US | US MINES | Mines Master Index File | Department of Labor, Mine Safety and Health A | 08/03/2022 | 08/17/2022 | 08/31/2022 |
| US | US MINES 2 | Ferrous and Nonferrous Metal Mines Database Listing | USGS | 05/06/2020 | 05/27/2020 | 08/13/2020 |
| US | US MINES 3 | Active Mines & Mineral Plants Database Listing | USGS | 04/14/2011 | 06/08/2011 | 09/13/2011 |
| US | UXO | Unexploded Ordnance Sites | Department of Defense | 12/31/2020 | 01/11/2022 | 02/14/2022 |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl. Date | Active Date |
|---|---|---|---|---|---|---|
| CT | CT MANIFEST | Hazardous Waste Manifest Data | Department of Energy & Environmental Protecti | 05/08/2022 | 05/09/2022 | 07/28/2022 |
| NJ | NJ MANIFEST | Manifest Information | Department of Environmental Protection | 12/31/2018 | 04/10/2019 | 05/16/2019 |
| NY | NY MANIFEST | Facility and Manifest Data | Department of Environmental Conservation | 01/01/2019 | 10/29/2021 | 01/19/2022 |
| PA | PA MANIFEST | Manifest Information | Department of Environmental Protection | 06/30/2018 | 07/19/2019 | 09/10/2019 |
| RI | RI MANIFEST | Manifest information | Department of Environmental Management | 12/31/2020 | 11/30/2021 | 02/18/2022 |
| WI | WI MANIFEST | Manifest Information | Department of Natural Resources | 05/31/2018 | 06/19/2019 | 09/03/2019 |
| US | AHA Hospitals | Sensitive Receptor: AHA Hospitals | American Hospital Association, Inc. | | | |
| US | Medical Centers | Sensitive Receptor: Medical Centers | Centers for Medicare & Medicaid Services | | | |
| US | Nursing Homes | Sensitive Receptor: Nursing Homes | National Institutes of Health | | | |
| US | Public Schools | Sensitive Receptor: Public Schools | National Center for Education Statistics | | | |
| US | Private Schools | Sensitive Receptor: Private Schools | National Center for Education Statistics | | | |
| CA | Daycare Centers | Sensitive Receptor: Licensed Facilities | Department of Social Services | | | |
| US | Flood Zones | 100-year and 500-year flood zones | Emergency Management Agency (FEMA) | | | |
| US | NWI | National Wetlands Inventory | U.S. Fish and Wildlife Service | | | |
| CA | State Wetlands | Wetland Inventory | Department of Fish and Wildlife | | | |
| US | Topographic Map | | U.S. Geological Survey | | | |
| US | Oil/Gas Pipelines | | Endeavor Business Media | | | |
| US | Electric Power Transmission Line Data | | Endeavor Business Media | | | |

**STREET AND ADDRESS INFORMATION**

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# GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

10990 WOODSIDE AVE N
10990 WOODSIDE AVE N
SANTEE, CA 92071

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 32.848148 - 32ˆ 50’ 53.33’’ |
| Longitude (West): | 116.959312 - 116ˆ 57’ 33.52’’ |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 503807.5 |
| UTM Y (Meters): | 3634263.0 |
| Elevation: | 356 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 12008233 EL CAJON, CA |
| Version Date: | 2018 |

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

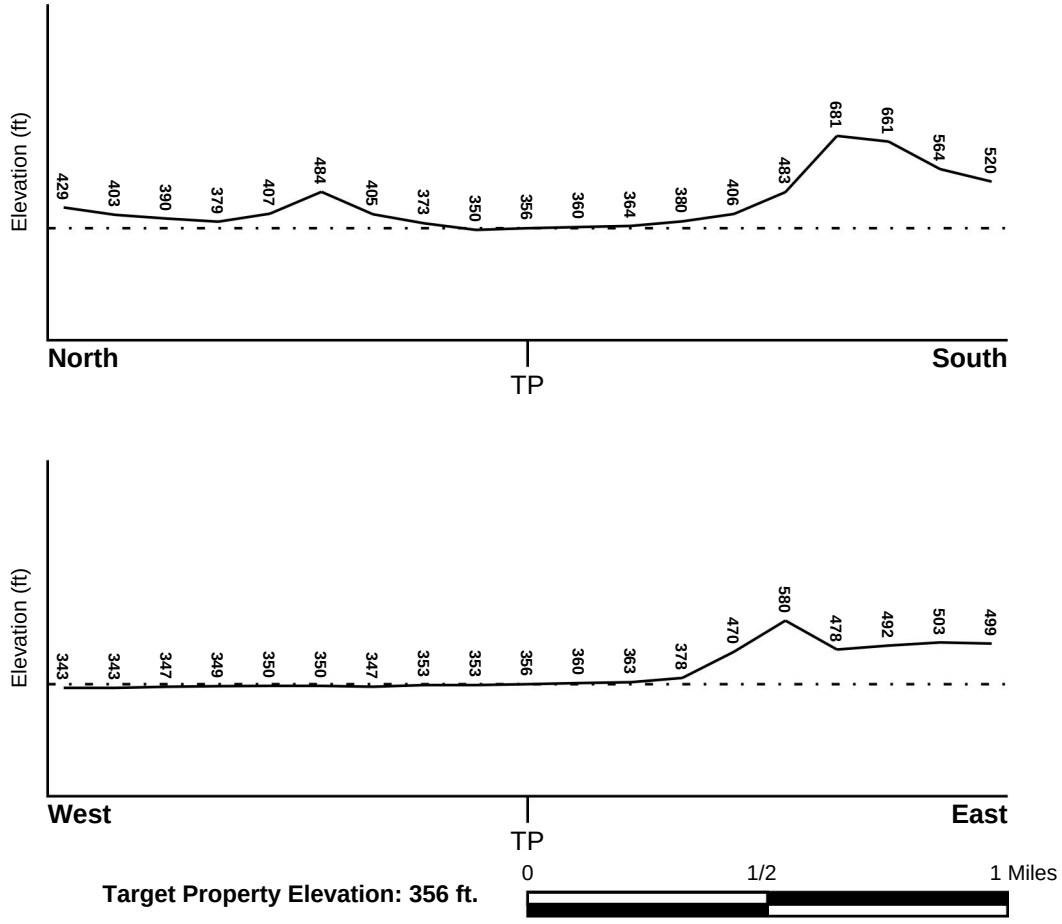
**TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

**TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General SW

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**




Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE**

| Flood Plain Panel at Target Property | FEMA Source Type |
|---|---|
| 06073C1652G | FEMA FIRM Flood data |

| Additional Panels in search area: | FEMA Source Type |
|---|---|
| 06073C1651G | FEMA FIRM Flood data |
| 06073C1653G | FEMA FIRM Flood data |
| 06073C1654G | FEMA FIRM Flood data |

**NATIONAL WETLAND INVENTORY**

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| EL CAJON | YES - refer to the Overview Map and Detail Map |

**HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

***Site-Specific Hydrogeological Data*:***

| | |
|---|---|
| Search Radius: | 1.25 miles |
| Status: | Not found |

**AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

**GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

**ROCK STRATIGRAPHIC UNIT**

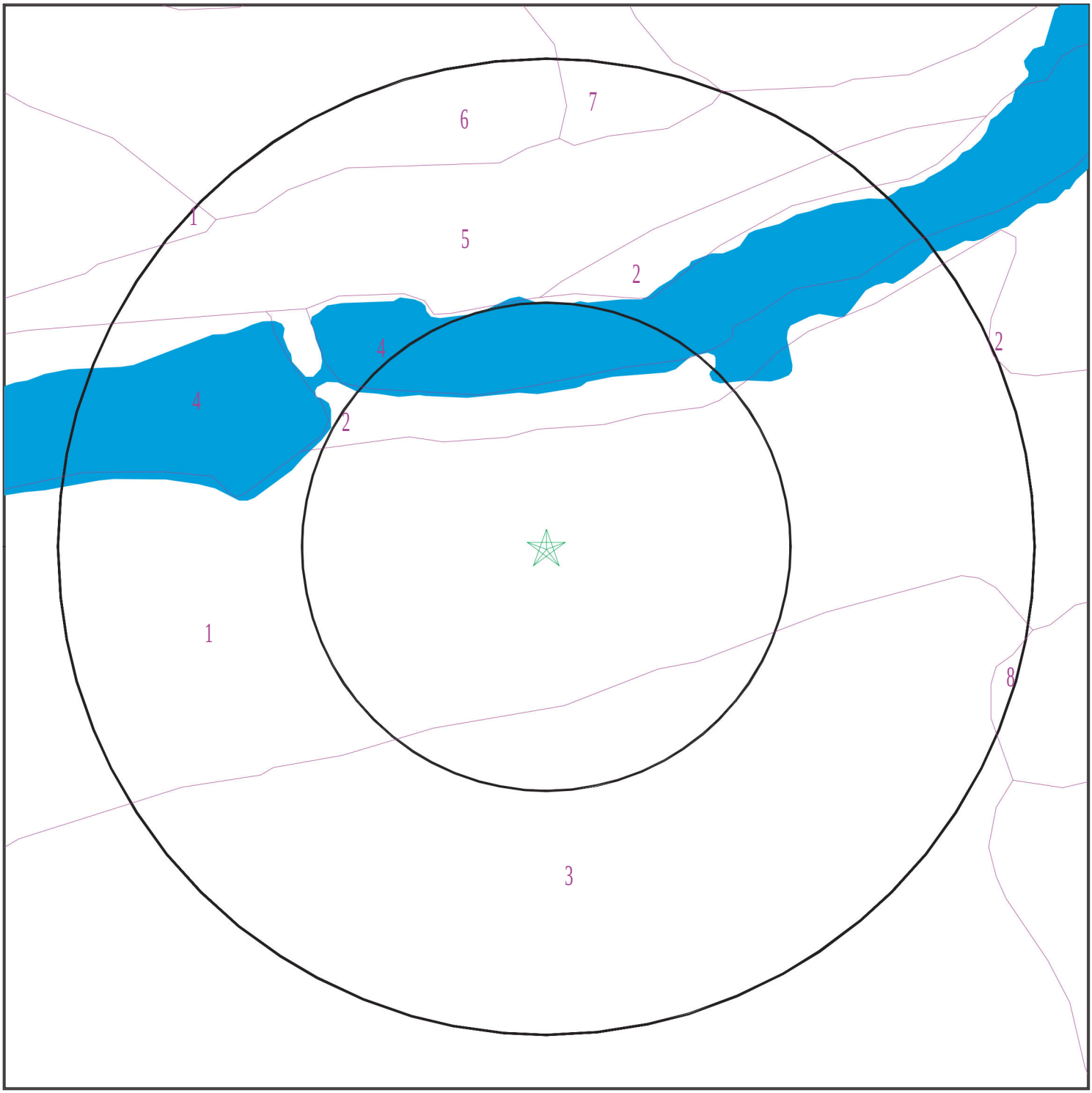
| | |
|---|---|
| Era: | Mesozoic |
| System: | Cretaceous |
| Series: | Cretaceous granitic rocks |
| Code: | Kg *(decoded above as Era, System & Series)* |

**GEOLOGIC AGE IDENTIFICATION**

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 7126896.2s




Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

| | | | |
|---|---|---|---|
| SITE NAME: | 10990 WOODSIDE AVE N | CLIENT: | Hazard Management Consulting |
| ADDRESS: | 10990 WOODSIDE AVE N<br>SANTEE CA 92071 | CONTACT: | Troy Taylor |
| | | INQUIRY #: | 7126896.2s |
| LAT/LONG: | 32.848148 / 116.959312 | DATE: | September 22, 2022 6:16 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

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**Soil Map ID: 1**

Soil Component Name: VISALIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 11 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42<br>Min: 14 | Max: 6.5<br>Min: 6.1 |
| 2 | 11 inches | 40 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42<br>Min: 14 | Max: 6.5<br>Min: 6.1 |
| 3 | 40 inches | 59 inches | very fine sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 42<br>Min: 14 | Max: 6.5<br>Min: 6.1 |

**Soil Map ID: 2**

Soil Component Name: RIVERWASH

Soil Surface Texture: gravelly coarse sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Excessively drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 168 inches

**Soil Layer Information**

| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
|---|---|---|---|---|---|---|---|
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 5 inches | gravelly coarse sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. | Max: 141 Min: 42 | Max: Min: |
| 2 | 5 inches | 59 inches | stratified extremely gravelly coarse sand to gravelly sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. | Max: 141 Min: 42 | Max: Min: |

**Soil Map ID: 3**

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 16 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 4<br>Min: 1.4 | Max: 7.3<br>Min: 6.6 |
| 2 | 16 inches | 59 inches | sandy clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 4<br>Min: 1.4 | Max: 7.3<br>Min: 6.6 |
| 3 | 59 inches | 74 inches | sandy clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 4<br>Min: 1.4 | Max: 7.3<br>Min: 6.6 |

---

**Soil Map ID: 4**

Soil Component Name: Water

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 5**

Soil Component Name: TUJUNGA

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

**Soil Layer Information**

| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
|---|---|---|---|---|---|---|---|
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 14 inches | sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 7.8 Min: 6.6 |
| 2 | 14 inches | 33 inches | loamy sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 7.8 Min: 6.6 |
| 3 | 33 inches | 59 inches | stratified gravelly sand to gravelly loamy sand | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 7.8 Min: 6.6 |

**Soil Map ID: 6**

Soil Component Name: PLACENTIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 12 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01 | Max: 8.4<br>Min: 7.9 |
| 2 | 12 inches | 33 inches | clay | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 0.42<br>Min: 0.01 | Max: 8.4<br>Min: 7.9 |

**Soil Map ID: 7**

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 5 inches | sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14 | Max: 7.3<br>Min: 6.6 |
| 2 | 5 inches | 33 inches | sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14 | Max: 7.3<br>Min: 6.6 |
| 3 | 33 inches | 66 inches | stratified loamy coarse sand to sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42<br>Min: 14 | Max: 7.3<br>Min: 6.6 |

---

**Soil Map ID: 8**

Soil Component Name: CIENEBA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | coarse sandy loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | Not reported | Max:<br>Min: | Max: Min: |
| 2 | 9 inches | 14 inches | weathered bedrock | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | Not reported | Max:<br>Min: | Max: Min: |

**LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

**WELL SEARCH DISTANCE INFORMATION**

| DATABASE | SEARCH DISTANCE (miles) |
|---|---|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

**FEDERAL USGS WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| D29 | USGS40000129916 | 1/2 - 1 Mile West |
| I46 | USGS40000129937 | 1/2 - 1 Mile NW |

**FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE DATABASE WELL INFORMATION**

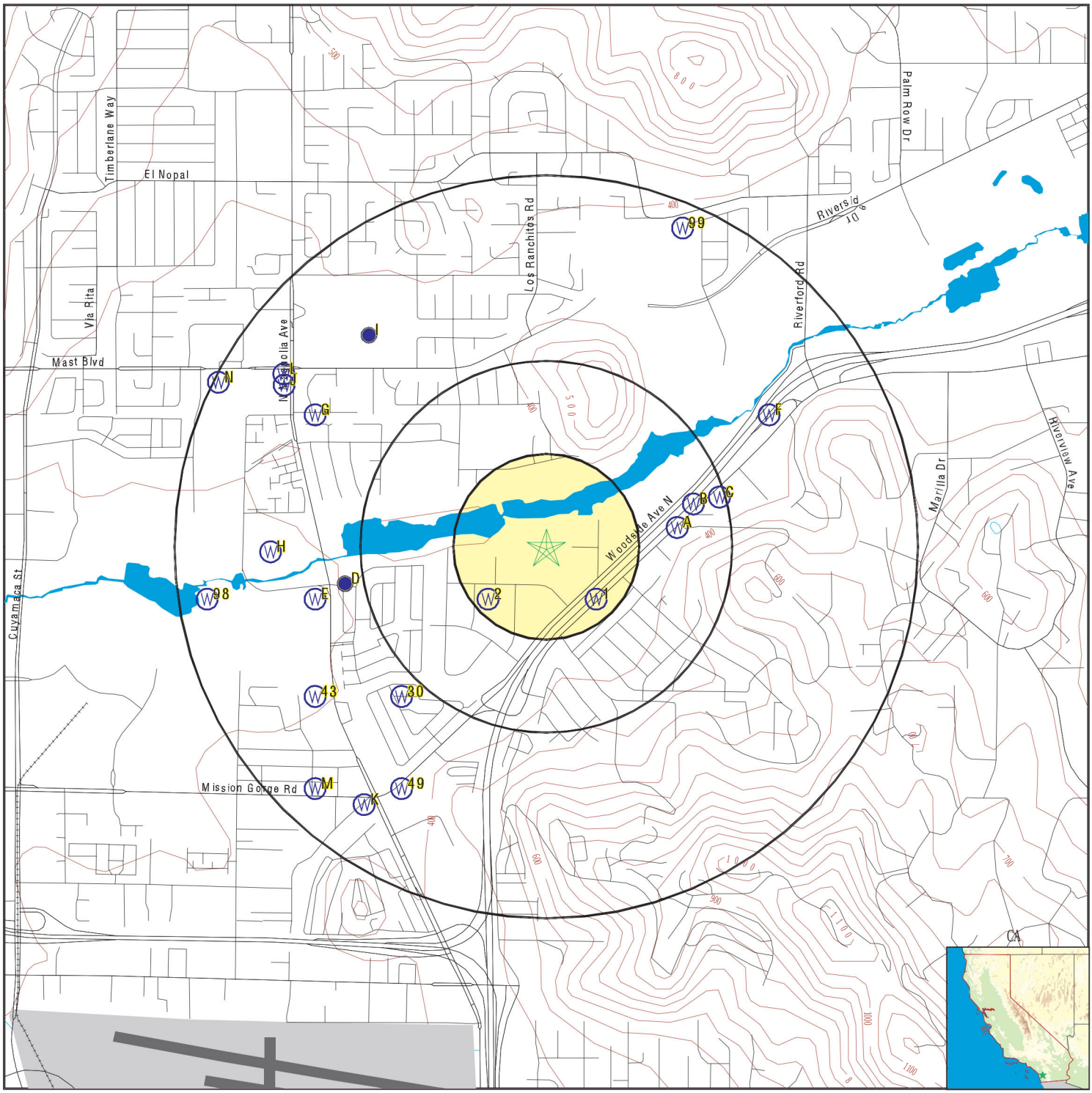
| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | CADWR0000036226 | 1/8 - 1/4 Mile SE |
| 2 | CADWR0000007719 | 1/8 - 1/4 Mile SW |
| A3 | CAEDF0000077896 | 1/4 - 1/2 Mile East |
| B4 | CAEDF0000003377 | 1/4 - 1/2 Mile ENE |
| A5 | CAEDF0000016265 | 1/4 - 1/2 Mile East |
| B6 | CAEDF0000007537 | 1/4 - 1/2 Mile ENE |
| B7 | CAEDF0000123642 | 1/4 - 1/2 Mile ENE |
| B8 | CAEDF0000050691 | 1/4 - 1/2 Mile ENE |
| B9 | CAEDF0000078606 | 1/4 - 1/2 Mile ENE |
| C10 | CAEDF0000106460 | 1/4 - 1/2 Mile ENE |
| C11 | CAEDF0000119738 | 1/4 - 1/2 Mile ENE |
| C12 | CAEDF0000007982 | 1/4 - 1/2 Mile ENE |
| C13 | CAEDF0000098574 | 1/4 - 1/2 Mile ENE |
| C14 | CAEDF0000068205 | 1/4 - 1/2 Mile ENE |
| C15 | CAEDF0000110340 | 1/4 - 1/2 Mile ENE |
| C16 | CAEDF0000127681 | 1/4 - 1/2 Mile ENE |
| C17 | CAEDF0000084668 | 1/4 - 1/2 Mile ENE |
| C18 | CAEDF0000057738 | 1/4 - 1/2 Mile ENE |
| C19 | CAEDF0000017481 | 1/4 - 1/2 Mile ENE |
| C20 | CAEDF0000074240 | 1/4 - 1/2 Mile ENE |
| C21 | CAEDF0000088824 | 1/4 - 1/2 Mile ENE |
| C22 | CAEDF0000109541 | 1/4 - 1/2 Mile ENE |
| C23 | CAEDF0000044216 | 1/4 - 1/2 Mile ENE |
| C24 | CAEDF0000088474 | 1/2 - 1 Mile ENE |
| C25 | CAEDF0000071163 | 1/2 - 1 Mile ENE |
| C26 | CAEDF0000007834 | 1/2 - 1 Mile ENE |
| C27 | CAEDF0000129930 | 1/2 - 1 Mile ENE |
| D28 | CAUSGSN00003066 | 1/2 - 1 Mile West |
| 30 | CADWR0000002796 | 1/2 - 1 Mile SW |
| E31 | CADWR0000024386 | 1/2 - 1 Mile WSW |
| E32 | CADWR0000018735 | 1/2 - 1 Mile WSW |
| E33 | CADWR0000018644 | 1/2 - 1 Mile WSW |
| F34 | CADWR0000003227 | 1/2 - 1 Mile ENE |
| F35 | CADWR0000004260 | 1/2 - 1 Mile ENE |
| G36 | CADWR0000001600 | 1/2 - 1 Mile WNW |
| G37 | CADWR0000008714 | 1/2 - 1 Mile WNW |
| H38 | CAEDF0000106144 | 1/2 - 1 Mile West |
| H39 | CAEDF0000019468 | 1/2 - 1 Mile West |
| H40 | CAEDF0000031787 | 1/2 - 1 Mile West |
| H41 | CAEDF0000113145 | 1/2 - 1 Mile West |
| H42 | CAEDF0000089199 | 1/2 - 1 Mile West |
| 43 | CADWR0000007857 | 1/2 - 1 Mile WSW |
| I44 | CAUSGSN00015577 | 1/2 - 1 Mile NW |
| H45 | CAEDF0000060710 | 1/2 - 1 Mile West |
| H47 | CAEDF0000093974 | 1/2 - 1 Mile West |
| H48 | CAEDF0000031702 | 1/2 - 1 Mile West |
| 49 | CADWR0000004413 | 1/2 - 1 Mile SSW |
| J50 | CAEDF0000093811 | 1/2 - 1 Mile WNW |
| J51 | CAEDF0000120681 | 1/2 - 1 Mile WNW |
| J52 | CAEDF0000083615 | 1/2 - 1 Mile WNW |
| J53 | CAEDF0000106149 | 1/2 - 1 Mile WNW |
| J54 | CAEDF0000116998 | 1/2 - 1 Mile WNW |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE DATABASE WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| J55 | CAEDF0000131320 | 1/2 - 1 Mile WNW |
| J56 | CAEDF0000046659 | 1/2 - 1 Mile WNW |
| K57 | CAEDF0000097166 | 1/2 - 1 Mile SSW |
| K58 | CAEDF0000058938 | 1/2 - 1 Mile SW |
| J59 | CAEDF0000134270 | 1/2 - 1 Mile WNW |
| L60 | CAEDF0000099776 | 1/2 - 1 Mile NW |
| L61 | CAEDF0000021375 | 1/2 - 1 Mile NW |
| J62 | CAEDF0000100042 | 1/2 - 1 Mile WNW |
| K63 | CAEDF0000074976 | 1/2 - 1 Mile SSW |
| J64 | CAEDF0000117944 | 1/2 - 1 Mile WNW |
| K65 | CAEDF0000034301 | 1/2 - 1 Mile SW |
| J66 | CAEDF0000052163 | 1/2 - 1 Mile WNW |
| J67 | CAEDF0000101025 | 1/2 - 1 Mile WNW |
| K68 | CAEDF0000104365 | 1/2 - 1 Mile SSW |
| K69 | CAEDF0000042666 | 1/2 - 1 Mile SW |
| K70 | CAEDF0000109451 | 1/2 - 1 Mile SW |
| J71 | CAEDF0000006551 | 1/2 - 1 Mile WNW |
| K72 | CAEDF0000069424 | 1/2 - 1 Mile SW |
| K73 | CAEDF0000099868 | 1/2 - 1 Mile SSW |
| K74 | CAEDF0000060825 | 1/2 - 1 Mile SW |
| K75 | CAEDF0000081592 | 1/2 - 1 Mile SW |
| K76 | CAEDF0000106266 | 1/2 - 1 Mile SW |
| K77 | CAEDF0000030745 | 1/2 - 1 Mile SW |
| L78 | CAEDF0000052018 | 1/2 - 1 Mile WNW |
| K79 | CAEDF0000087777 | 1/2 - 1 Mile SSW |
| K80 | CAEDF0000064558 | 1/2 - 1 Mile SW |
| J81 | CAEDF0000065356 | 1/2 - 1 Mile WNW |
| K82 | CAEDF0000038778 | 1/2 - 1 Mile SSW |
| K83 | CAEDF0000114839 | 1/2 - 1 Mile SW |
| K84 | CAEDF0000107258 | 1/2 - 1 Mile SW |
| K85 | CAEDF0000067998 | 1/2 - 1 Mile SSW |
| J86 | CAEDF0000033499 | 1/2 - 1 Mile WNW |
| K87 | CAEDF0000115246 | 1/2 - 1 Mile SW |
| K88 | CAEDF0000092105 | 1/2 - 1 Mile SW |
| K89 | CAEDF0000131478 | 1/2 - 1 Mile SW |
| K90 | CAEDF0000100627 | 1/2 - 1 Mile SW |
| L91 | CAEDF0000120551 | 1/2 - 1 Mile WNW |
| K92 | CAEDF0000115243 | 1/2 - 1 Mile SW |
| K93 | CAEDF0000084373 | 1/2 - 1 Mile SW |
| M94 | CADWR0000023171 | 1/2 - 1 Mile SW |
| M95 | CADWR0000019673 | 1/2 - 1 Mile SW |
| M96 | CADWR0000014893 | 1/2 - 1 Mile SW |
| M97 | CADWR0000026129 | 1/2 - 1 Mile SW |
| 98 | CADWR0000003997 | 1/2 - 1 Mile West |
| 99 | CADWR0000012524 | 1/2 - 1 Mile NNE |
| N100 | CAEDF0000060239 | 1/2 - 1 Mile WNW |
| N101 | CAEDF0000014109 | 1/2 - 1 Mile WNW |
| N102 | CAEDF0000078820 | 1/2 - 1 Mile WNW |
| N103 | CAEDF0000104776 | 1/2 - 1 Mile WNW |

# PHYSICAL SETTING SOURCE MAP - 7126896.2s




- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

| | | | |
|---|---|---|---|
| SITE NAME: | 10990 WOODSIDE AVE N | CLIENT: | Hazard Management Consulting |
| ADDRESS: | 10990 WOODSIDE AVE N<br>SANTEE CA 92071 | CONTACT: | Troy Taylor |
| LAT/LONG: | 32.848148 / 116.959312 | INQUIRY #: | 7126896.2s |
| | | DATE: | September 22, 2022 6:16 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **1**<br>**SE**<br>**1/8 - 1/4 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000036226** |
| **2**<br>**SW**<br>**1/8 - 1/4 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000007719** |
| **A3**<br>**East**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000077896** |
| **B4**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000003377** |
| **A5**<br>**East**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000016265** |
| **B6**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000007537** |
| **B7**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000123642** |
| **B8**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000050691** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **B9**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000078606** |
| **C10**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000106460** |
| **C11**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000119738** |
| **C12**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000007982** |
| **C13**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000098574** |
| **C14**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000068205** |
| **C15**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000110340** |
| **C16**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000127681** |
| **C17**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000084668** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **C18**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000057738** |
| **C19**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000017481** |
| **C20**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000074240** |
| **C21**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000088824** |
| **C22**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000109541** |
| **C23**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000044216** |
| **C24**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000088474** |
| **C25**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000071163** |
| **C26**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000007834** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **C27**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000129930** |
| **D28**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAUSGSN00003066** |
| **D29**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **FED USGS** | **USGS40000129916** |
| **30**<br>**SW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000002796** |
| **E31**<br>**WSW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000024386** |
| **E32**<br>**WSW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000018735** |
| **E33**<br>**WSW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000018644** |
| **F34**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000003227** |
| **F35**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000004260** |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **G36**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000001600** |
| **G37**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000008714** |
| **H38**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000106144** |
| **H39**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000019468** |
| **H40**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000031787** |
| **H41**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000113145** |
| **H42**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000089199** |
| **43**<br>**WSW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000007857** |
| **I44**<br>**NW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAUSGSN00015577** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **H45**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000060710** |
| **I46**<br>**NW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **FED USGS** | **USGS40000129937** |
| **H47**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000093974** |
| **H48**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000031702** |
| **49**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000004413** |
| **J50**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000093811** |
| **J51**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000120681** |
| **J52**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000083615** |
| **J53**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CAEDF0000106149** |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **J54**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000116998** |
| **J55**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000131320** |
| **J56**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000046659** |
| **K57**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000097166** |
| **K58**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000058938** |
| **J59**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000134270** |
| **L60**<br>**NW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000099776** |
| **L61**<br>**NW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000021375** |
| **J62**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000100042** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **K63**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000074976** |
| **J64**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000117944** |
| **K65**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000034301** |
| **J66**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000052163** |
| **J67**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000101025** |
| **K68**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000104365** |
| **K69**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000042666** |
| **K70**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000109451** |
| **J71**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000006551** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **K72**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000069424** |
| **K73**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000099868** |
| **K74**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000060825** |
| **K75**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000081592** |
| **K76**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000106266** |
| **K77**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000030745** |
| **L78**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000052018** |
| **K79**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000087777** |
| **K80**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000064558** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **J81**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000065356** |
| **K82**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000038778** |
| **K83**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000114839** |
| **K84**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000107258** |
| **K85**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000067998** |
| **J86**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000033499** |
| **K87**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000115246** |
| **K88**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000092105** |
| **K89**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000131478** |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **K90**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000100627** |
| **L91**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000120551** |
| **K92**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000115243** |
| **K93**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000084373** |
| **M94**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000023171** |
| **M95**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000019673** |
| **M96**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000014893** |
| **M97**<br>**SW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000026129** |
| **98**<br>**West**<br>**1/2 - 1 Mile**<br>**Lower** | Click here for full text details | **CA WELLS** | **CADWR0000003997** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **99**<br>**NNE**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CADWR0000012524** |
| **N100**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000060239** |
| **N101**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000014109** |
| **N102**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000078820** |
| **N103**<br>**WNW**<br>**1/2 - 1 Mile**<br>**Higher** | Click here for full text details | **CA WELLS** | **CAEDF0000104776** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: CA Radon

Radon Test Results

| Zipcode | Num Tests | > 4 pCi/L |
|---|---|---|
| 92071 | 27 | 2 |

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 92071

Number of sites tested: 1

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | -0.100 pCi/L | 100% | 0% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | Not Reported | Not Reported | Not Reported | Not Reported |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**STREET AND ADDRESS INFORMATION**

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# APPENDIX C

HMC
HAZARD MANAGEMENT CONSULTING

# ESA USER QUESTIONNAIRE

Phase I Environmental Site Assessment
ASTM Standard 1527-05

**Site:**

In order to qualify for one of the *Landowner Liability Protections (LLPs)*35 offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), 36 the *user*[1] must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.
*(Note: double-click boxes to check or uncheck)*

(1) Are you aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

☑ No ☐ Yes (if yes, please describe)

(2) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☑ No ☐ Yes (if yes, please describe)

(3) As the user of this ESA do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☑ No ☐ Yes (if yes, please describe)

[1] A User as defined in ASTM 1527-05 is the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of the property, a potential tenant of property, an owner of property, a lender, or a property manager. The User ha specific obligations for completing a successful application of this process as outlined in Section 6 of this standard.

(4) Does the purchase price being paid for this Site reasonably reflect the fair market value of the Site? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Site?

☐ No ☑ Yes (if yes, please describe)

Yes is checked in response to the first question. Yes, we believe that the purchase price reasonably reflects the fair market value.

(5) Are you aware of commonly known or *reasonably ascertainable* information about the Site that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

(a.) Do you know the past uses of the Site?

☑ No ☐ Yes (if yes, please describe)

(b.) Do you know of specific chemicals that are present or once were present at the Site?

☑ No ☐ Yes (if yes, please describe)

(c.) Do you know of spills or other chemical releases that have taken place at the Site?

☑ No ☐ Yes (if yes, please describe)

(d.) Do you know of any environmental cleanups that have taken place at the Site?

☑ No ☐ Yes (if yes, please describe)

(6) As the *user* of this *ESA*, based on your knowledge and experience related to the Site are there any *obvious* indicators that point to the presence or likely presence of contamination at the Site?

☑ No ☐ Yes (if yes, please describe)

**Additional Information**

This information is intended to assist the *environmental professional* conducting the ESA, but is not necessarily required to qualify for one of the *LLPs*. The information includes:

(a) Why is the Phase I being conducted?

Due diligence for property acquisition.

*(b)* What is the type of property and type of property transaction, for example, sale, purchase, exchange, etc. ?

Purchase.

*(c)* What is the complete and correct address for the Site (a map or other documentation showing Site location and boundaries is helpful),

10990 N Woodside Ave, Santee, CA 92071
APN 381-070-52-00
See APN map on last page

*(d)* the scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered),

Per contract dated 9/20/22

*(e)* Please identify all parties who will rely on the Phase I *report.*

North Palisade Partners, LLC; North Palisade Opco, LLC; and affiliated entities. Future ownership entity, lenders, equity investors, regulatory authorities, other parties with interest in the Site

*(f)* Please identify the Site contact and how the contact can be reached,

Unknown, see owner's questionnaire.

*(g)* Please indicate any other knowledge or experience with the Site that may be pertinent to the *environmental professional* (for example, copies of any available prior *environmental site assessment reports*, documents, correspondence, etc., concerning the Site and its environmental condition) and any environmental permits such as air quality management district, stormwater, wastewater, underground storage tanks or aboveground tanks.

None

*(g)* Can you provide a recent Chain of Title report for the Site?

Title report in progress, will provide upon receipt.

This questionnaire was completed by:

Name: William Jacobs

Signature: 

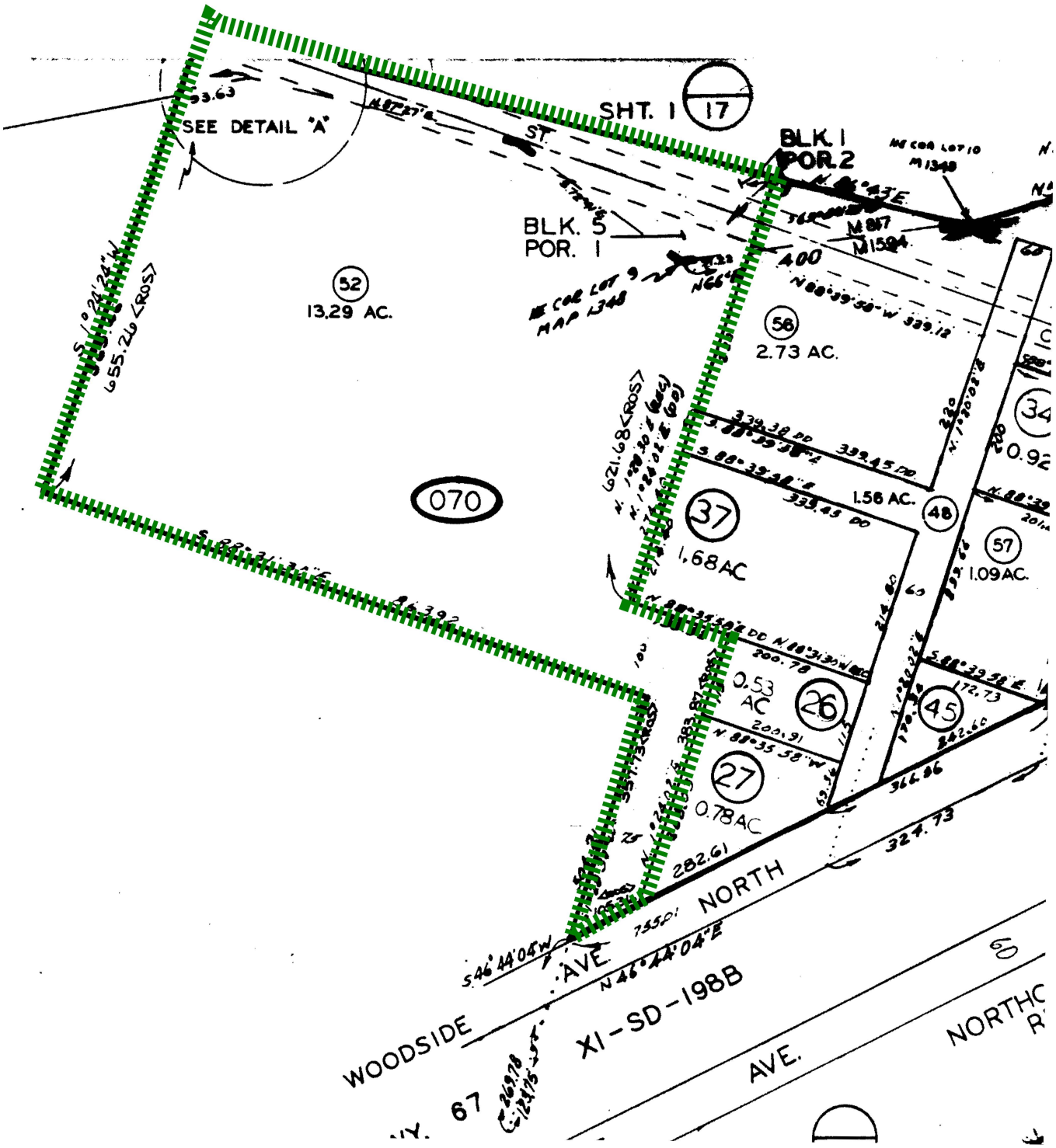

Date: 9/26/22

Title: Agent

Please describe the length of and nature of your experience/knowledge of the Site.

Working on zoning analysis for about four weeks. No other knowledge.

SITE PLAN:


SHT. 1 17
SEE DETAIL "A"
ST.
BLK. 1
POR. 2
BLK. 5
POR. 1
52
13.29 AC.
070
56
2.73 AC.
37
1.68AC
48
1.56 AC.
57
1.09AC.
26
0.53 AC
27
0.78AC
45
34
0.92
WOODSIDE AVE.
NORTH
AVE.
XI-SD-198B
N46°44'04"E
S46°44'04"W
282.61
324.73
400
339.45 DD
333.45 DD
200.78
200.91
172.73
242.66
344.86
60

# County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933
www.sdcounty.ca.gov/deh/lwq

JACK MILLER
ASSISTANT DIRECTOR


## PAST DUE NOTICE

**July 3, 2008**

**ANDREW T. GUATELLI**
**GEOSOILS CONSULTANTS INC**
**6634 VALJEAN AVE**
**VAN NUYS, CA 91406**

**PERMIT: LMON-105332 -- APPROVED: December 4, 2007 -- EXPIRED: April 2, 2008**
**10900 WOODSIDE AVENUE, SANTEE, CA 92071**

The Department of Environmental Health (DEH), Monitoring Well Program has no record of receiving a report for work completed under this permit as required by San Diego County Code, Section 67.447.

A complete and accurate well/boring report must be submitted within sixty days of completing the work covered by the permit. This requirement was stated as a condition on the permit. Submit the Sixty-Day report to the Well Permit Desk at the address shown above by **July 18, 2008**.

A checklist is enclosed to assist you in providing the data that must be included in a complete report. Please be advised that incomplete reports will be returned.

Please contact the Well Permit Desk at (619) 338-2339 if you wish to discuss this letter.

Thank you for your cooperation.

Sincerely,

**Marisue Crystal, Environmental Health Technician**
**Monitoring Well Program**
**Site Assessment and Mitigation Program**

Enclosure

cc: **SUSAN FORTE BOYD, FORTE FAMILY LIMITED PARTNERSHIP**
**TESTAMERICA DRILLING CORP DBA: WEST HAZMAT DRILLING**

PERMIT #LMON105332
A.P.N. # 381-070-52-00
EST # NONE

**COUNTY OF SAN DIEGO**
**DEPARTMENT OF ENVIRONMENTAL HEALTH**
**LAND AND WATER QUALITY DIVISION**
**MONITORING WELL PROGRAM**
**GEOTECHNICAL BORING CONSTRUCTION PERMIT**

SITE NAME: SANTEE DRIVE-IN

SITE ADDRESS: 10900 WOODSIDE AVE., SANTEE 92071

PERMIT FOR: 5 GEOTECHNICAL BORINGS

PERMIT APPROVAL DATE: 12/04/2007

PERMIT EXPIRES ON: 03/24/2008

RESPONSIBLE PARTY: FORTE FAMILY LTD

---

**PERMIT CONDITIONS:**

1. All borings must be sealed from the bottom of the boring to the ground surface with an approved sealing material as specified in California Well Standards Bulletin 74-90, Part III, Section 19.D. **Drill cuttings are not an acceptable fill material.**

2. All borings must be properly destroyed within 24 hours of drilling.

3. Placement of any sealing material at a depth greater than 30 feet must be done using the tremie method.

4. This work is not connected to any known unauthorized release of hazardous substances. Any contamination found in the course of drilling and sampling must be reported to DEH. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, II, E- 4. (**http://www.sdcounty.ca.gov/deh/lwq/sam/manual_guidelines.html**). In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.

5. Within 60 days of completing work, submit a well/boring construction report, including all well and/or boring logs and laboratory data to the Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 6 & 7.

6. **This office must be given 48-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at 619) 338-2339.**

APPROVED BY: V. Tavizon DATE: 12/04/2007
VERONICA TAVIZON-HITCHNER

NOTIFIED: emailed 12/4/07

DEH:SAM-9075 (4/03)

dw 12/15

T105332

GP

RECEIVED
NOV 20 2007
ENVIRONMENTAL HEALTH

# PERMIT APPLICATION GROUNDWATER AND VADOSE MONITORING WELLS AND EXPLORATORY OR TEST BORINGS

**OFFICE USE ONLY**
PERMIT LMON # _____
SAM CASE Y(N)# NONE
DATE RECEIVED: 11/20/07
FEE PAID: $386.50
CHECK # 25394

FORTE FAMILY LIMITED PARTNERSHIP

**A. RESPONSIBLE PARTY** ~~SUSAN FORTE~~ Boyo E-mail _____
(The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)
Mailing Address 33621 HOLTZ HILL City DANA POINT State CA Zip 92629
Contact Person SUSAN FORTE BOYO Phone (949)481-8502 Ext. _____ Fax (949)481-8502

**B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE #** _____

**C. CONSULTING FIRM** GEOSOILS, INC.
Mailing Address 5741 PALMER WAY, SUITE D City CARLSBAD State CA Zip 92010
Registered Professional ANDREW T. GUATELLI 12/31/07 Registration # 47335 (RG, (RCE), CEG, PG)
E-mail aguatelli@geosoilsinc.com Circle if applicable
Contact Person ANDREW GUATELLI / RYAN BOEHMER Phone (760)438-3155 Ext. _____ Fax (760)931-0915

**D. DRILLING COMPANY** TEST AMERICA DRILLING CORP. C57# 819548
Contact Name MANUEL MARQUEZ E-mail mmarquez@testamericainc.com
Mailing Address 7888 OTHELLO AVE. City SAN DIEGO State CA Zip 92111
Phone (858)496-9654 Ext. _____ Fax (858)496-9658

**E. CONSTRUCTION INFORMATION**

**TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED**

| | # |
|---|---|
| ☐ Groundwater | ___ |
| ☐ Vadose | ___ |
| ☒ Boring | 5 |
| ☐ Other | ___ |

**NUMBER OF WELLS TO BE DESTROYED**

☐ ___

**MATERIALS TO BE USED**

**CASING**
Not Applicable ____
Type _____
Gauge _____
Diameter _____
Well Screen Size _____
Filter Pack _____

**SEAL/BORING BACKFILL**
☐ Neat Cement
☒ Cement & Bentonite
☐ Sand-Cement
☐ Bentonite
☐ Other
Borehole diameter 3-INCH CPT'S, 8-INCH

**Drilling Method**
☒ Auger ☐ Air Rotary
☐ Mud Rotary ☐ Other
☐ Percussion

**PROPOSED CONSTRUCTION**
Estimated groundwater depth: ~20 ft.
Estimated depth of boring 60 ft.

| | |
|---|---|
| Concrete surface seal | 0 to 3 |
| Annular seal | ___ to ___ |
| Bentonite transition seal | 3 to 60 |
| Filter Pack | ___ to ___ |
| Perforation | ___ to ___ |

**NOTE:**
**Attach a well construction diagram for wells with multiple completions**

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE _____ DATE 11/16/07

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk with a complete and accurate well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

RG/RCE/CEG SIGNATURE _____ DATE 11/16/07

## F. SITE INFORMATION

1. ASSESSOR'S PARCEL NUMBER 381-070-52

Site Name SANTEE DRIVE-IN

Site Address 10900 ~~WOODSIDE~~ SLOE AVE. City SANTEE Zip 92071

PROPERTY OWNER SUSAN FORTE Boyd FOR: FORTE FAMILY LIMITED PARTNERSHIP

Phone (949) 481-8502 Ext. _____ Fax (949) 481-8502

Mailing Address ~~33621~~ 41 HOLTZ HILL City DANA POINT State CA Zip 92629

NUMBER OF ~~WELLS~~ BORINGS 5 TYPE OF ~~WELLS~~ BORING HOLLOW-STEM AUGER AND CPT

2. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ TYPE OF WELLS _____

3. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ TYPE OF WELLS _____

4. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ TYPE OF WELLS _____

**G. FEES (in effect beginning July 1, 2007, through June 30, 2008)**

| ACTIVITY | FEE SCHEDULE | AMOUNT | |
|---|---|---|---|
| **Permit for Well Installations Only** (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells) | $186.00 for the first monitoring well ..... | | **$186.00** |
| **Permit for Well Maintenance Inspection (Valid for three years)** | $100.00 for first well maintenance inspection | | **$100.00** |
| **Each Additional New Well** | $160.00 for each additional well installation | ___ x **$160.00** | ____ |
| | $30.00 for each additional well maintenance inspection ..... | ___ x **$30.00** | ____ |
| **Permit for Borings Only** *(CPT's, Hydropunch, Geoprobes, Temporary Well Points, etc.)* | $186.00 for the first boring .....<br>$50.00 for each additional boring ..... | 1 x **$186.00**<br>4 x **$50.00** | 186.00<br>200.00 |
| **Permit for Well Destructions Only** | $186.00 for the first destruction .....<br>$120.00 for each additional destruction ... | ___ x **$186.00**<br>___ x **$120.00** | |
| **Permit for any Combination of Well Installations, Borings, & Destructions (*except UST backfill permit*)** | The first activity will be $186.00<br>**Additional activities will be as follows:** | ___ x **$186.00** | ____ |
| | $160.00 for each additional well .....<br>$100.00 for first well maintenance inspection | ___ x **$160.00**<br>___ x **$100.00** | ____<br>____ |
| | $ 30.00 for each additional well maintenance inspection | ___ x **$ 30.00** | ____ |
| | $120.00 for each well destruction<br>$ 50.00 for each additional boring<br>..... | ___ x **$120.00**<br>___ x **$ 50.00** | ____<br>____ |
| **Permit for Underground Storage Tank Monitoring System in Backfill** *(i.e. Enhanced Leak Detection)* | **$320.00 (Flat Fee)** | | $____ |
| | **TOTAL COST OF PERMIT** | | $386.00 |

H. **QUESTIONNAIRE: Please answer all applicable questions completely.** ***For well destructions, complete only #1 below and submit any required supportive documentation.***

1. If wells are to be destroyed, provide a description of method of destruction N/A NO WELLS ARE TO BE DESTROYED

2. What is the purpose of the well/boring investigation?

   ☐ a. Part of an ongoing site assessment case in which DEH or another government regulator is the lead agency.

   ☐ b. Part of a Phase I investigation for property ownership transfer or: _____

   ☒ c. Geotechnical investigation for proposed construction, land stabilization or:

   ☐ d. Other: _____

3. What procedures will be used to prevent the well/boring from providing an avenue to contamination during construction?
   BACKFILL WITH BENTONITE GROUT AND/OR CHIPS AND PROVIDE 3-FOOT THICK CONCRETE SEAL AT THE SURFACE PER SAM MANUAL REQUIREMENTS

4. What field procedures will be utilized to determine if contamination exists?
   PHYSICAL OBSERVATIONS (DISCOLORATION OF SOIL AND ODOR)

5. What procedures will be used to determine whether samples will be sent for laboratory testing or archiving?
   NONE PROPOSED, HOWEVER, IF PHYSICAL SIGNS OF CONTAMINATION ARE DETECTED, THE PROJECT SCOPE OF WORK WILL BE RE-EVALUATED WITH THE CLIENT

6. What constituents will be monitored and tested (Include EPA Laboratory Test Methods to be used)?
   NONE PROPOSED. SEE #5

7. How will samples be transported and preserved? N/A

8. What sampling methods will be used? MODIFIED CALIFORNIA SAMPLER AND STANDARD PENETROMETER

9. Are you proposing a variation from the methods and/or procedures presented in the requirements for the construction or destruction of Vadose and Groundwater Monitoring Wells (Current SAM Manual Requirements)? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (http://www/sdcounty.ca.gov/deh/lwq/sam/monitoring_well.html). :Yes ☐ No ☒
   NO MONITORING WELLS ARE PROPOSED

10. Are you proposing a variation in drilling and destruction of soil borings from the methods and/or procedures specified in the current SAM manual? If yes, specify these variations and *include a destruction diagram.*
    Yes ☐ No ☒

11. What procedures will be used to ensure that the drilling equipment will introduce no contamination?
    INSPECT DRILLING EQUIPMENT & FOR FLUID LEAKS, INSPECT AUGER FOR CONTAMINANTS. DRILLING WILL NOT COMMENCE IF CONTAMINANTS EXIST

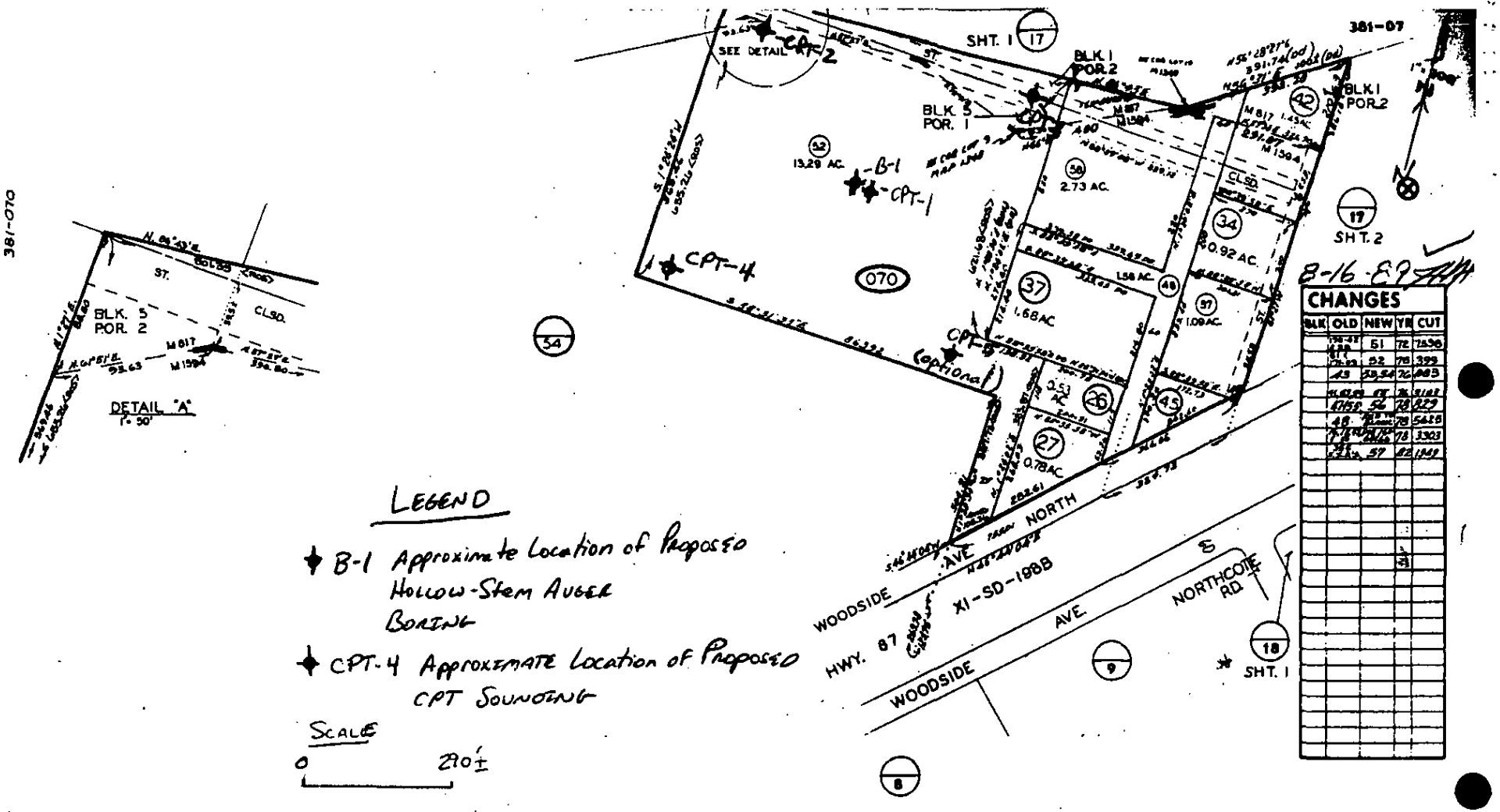
12. What methods will be used to clean sampling equipment? NO DECONTAMINATION IS PLANNED (SEE #10) UNLESS PHYSICAL SIGNS OF CONTAMINATION ARE DETECTED

13. What cleaning method will be used to clean casing and screen prior to installation? WELL INSTALLATION IS NOT PROPOSED

14. A property owner consent agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties. If a consent agreement is required, how has the property owner been notified of the proposed work?

A. ☒ The attached Property Owner Consent form. VIA FAX

B. ☐ The attached consent agreement between the responsible party and the property owner with a cover letter signed by the registered professional who signed the permit application.




SAN DIEGO COUNTY
ASSESSOR'S MAP
BOOK 381 PAGE 07 MAPPED FOR ASSESSMENT PURPOSES ONLY

MAP 1594 - STEVENS & HARTLEYS ALFALFA LANDS RESUB LOTS 1-19 - POR
MAP 817 - RANCHO EL CAJON LOTS H & O - POR BLKS 1 & 5
ROS 11770, 12197

# County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261

## PROPERTY OWNER CONSENT

Proposed locations for subsurface work:

Property Address: 10900 WOODSIDE AVE. SANTEE, CA 92071

Assessor's Parcel Number (APN): 381-070-52

I, SUSAN FORTE BOYD, owner of the property/properties listed above, give my permission to GeoSoils Inc. GeoSoils, Inc. (consulting company, contractor) to conduct the following work at the locations listed above.

☐ (Install) ____ monitoring wells ☐ (Destroy) ____ monitoring wells ☒ (Drill) 5 soil borings

I understand that Andrew T. Guatelli (registered professional) of GeoSoils, Inc. (consulting company) and an authorized signer for Test America Drilling Corp. (drilling company) have submitted a signed application to the Department of Environmental Health in which they have agreed to complete the above-stated work according the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction. I have arranged with the Responsible Party, the person who causes to have monitoring well/borings installed or existing wells destroyed on this property, to ensure proper closure of the monitoring wells/borings.

Property Owner Signature: Susan Forte Boyd Date: 11/16/07

Print Name: SUSAN FORTE BOYD Title: GENERAL PARTNER

Company: FORTE FAMILY LIMITED PARTNERSHIP

Mailing Address: 33641 HOLTZ HILL, DANA POINT, CA 92629

EHA 6468-6008 (Rev. 6-07)

GeoSoils, Inc.

Geotechnical • Geologic • Coastal • Environmental

5741 Palmer Way • Carlsbad, California 92010 • (760) 438-3155 • FAX (760) 931-0915

July 11, 2008

W.O. 5573-A-SC

**County of San Diego**
**Department of Environmental Health**
**Land and Water Quality Division**
P.O. Box 129261
San Diego, California 92112-9261

Attention: Ms. Marisue Crystal

Subject: Geotechnical Boring Log Submission, Permit No. LMON105332, 10990 North Woodside Avenue, APN 310-070-52-00, City of Santee, San Diego County, California

Dear Ms. Crystal:

In accordance with criteria presented in the San Diego County, Site Assessment and Mitigation Program (SAM) Manual, GeoSoils, Inc. (GSI), is submitting our geotechnical boring logs (attached) for subsurface exploration completed at the subject site on December 12 and 18, 2008, under the purview of DEH Permit No. LMON105332. One (1) hollow-stem auger boring and four (4) cone penetration tests (CPTs) were performed. The hollow-stem auger diameter was 8 inches. The CPT diameter was 1.75 inches. No petroleum odors nor soil staining were encountered in our borings. Accordingly, no chemical laboratory analyses were performed. Groundwater was encountered in all borings at an approximate depth of 24 feet below the surface. The approximate locations of the borings are shown on the Boring Location Map (see the attached Figure 1).

Boring B-1 was backfilled with approximately 3 cubic yards of bentonite grout. Cone Penetration Test CPT-1 was backfilled with approximately 0.14 cubic yards of bentonite chips. Cone Penetration Test CPT-2 was backfilled with approximately 0.12 cubic yards of bentonite chips. Cone Penetration Test CPT-3 was backfilled with approximately 0.13 cubic yards of bentonite chips, and Cone Penetration Test CPT-4 was backfilled with approximately 0.14 cubic yards of bentonite chips. The boring and CPT destruction was completed in general accordance with Department of Water Resources Bulletin 74-90.

If you should have any questions, please do not hesitate to contact our office.

Respectfully submitted,

**GeoSoils, Inc.**

Ryan Boehmer
Project Geologist

Andrew T. Guatelli
Geotechnical Engineer, GE 2320

REGISTERED PROFESSIONAL ENGINEER
ANDREW T. GUATELLI
No. GE2320
Exp. 12/09
GEOTECHNICAL
STATE OF CALIFORNIA

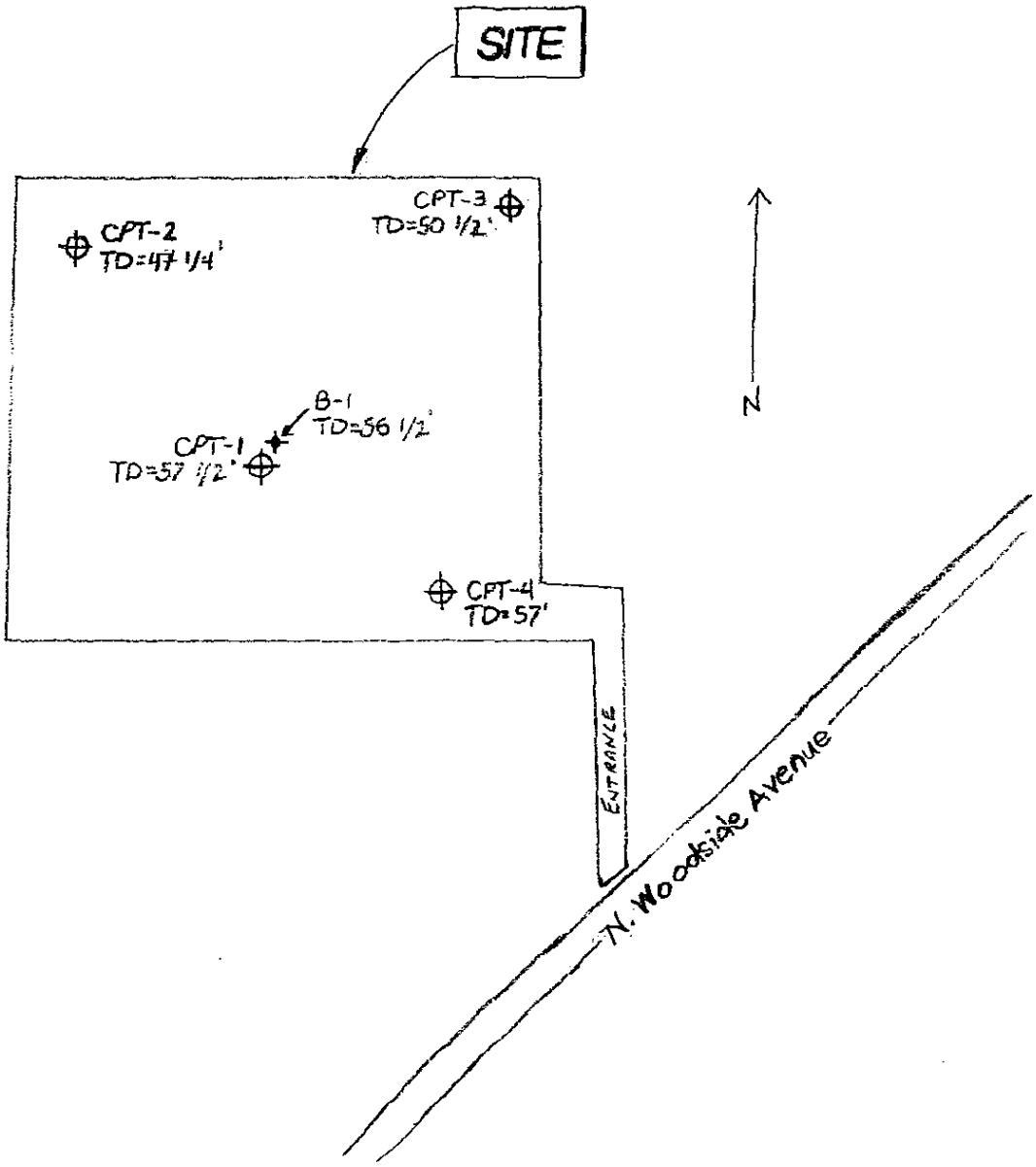
RB/ATG/JPF/jh

Attachments: Driller's Signature
Figure 1 - Boring Location Map
Boring and Cone Penetration Test Logs B-1 and CPT-1 through CPT-4

Distribution: (1) Addressee (wet signed)

# BORING LOCATION MAP

PERMIT No. LMON 105332




LEGEND

- B-1 - Approximate Location of Hollow-stem auger boring
- CPT-4 - Approximate Location of Cone Penetration Test (CPT)

SCALE

0 300'

1" = 300'

**GeoSoils, Inc.**

FIGURE 1

## UNIFIED SOIL CLASSIFICATION SYSTEM

| Major Divisions | | | Group Symbols | Typical Names |
|---|---|---|---|---|
| Coarse-Grained Soils More than 50% retained on No. 200 sieve | Gravels 50% or more of coarse fraction retained on No. 4 sieve | Clean Gravels | GW | Well-graded gravels and gravel-sand mixtures, little or no fines |
| | | | GP | Poorly graded gravels and gravel-sand mixtures, little or no fines |
| | | Gravel with | GM | Silty gravels gravel-sand-silt mixtures |
| | | | GC | Clayey gravels, gravel-sand-clay mixtures |
| | Sands more than 50% of coarse fraction passes No. 4 sieve | Clean Sands | SW | Well-graded sands and gravelly sands, little or no fines |
| | | | SP | Poorly graded sands and gravelly sands, little or no fines |
| | | Sands with Fines | SM | Silty sands, sand-silt mixtures |
| | | | SC | Clayey sands, sand-clay mixtures |
| Fine-Grained Soils 50% or more passes No. 200 sieve | Silts and Clays Liquid limit 50% or less | | ML | Inorganic silts, very fine sands, rock flour, silty or clayey fine sands |
| | | | CL | Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays |
| | | | OL | Organic silts and organic silty clays of low plasticity |
| | Silts and Clays Liquid limit greater than 50% | | MH | Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts |
| | | | CH | Inorganic clays of high plasticity, fat clays |
| | | | OH | Organic clays of medium to high plasticity |
| Highly Organic Soils | | | PT | Peat, mucic, and other highly organic soils |

## CONSISTENCY OR RELATIVE DENSITY

### CRITERIA

**Standard Penetration Test**

| Penetration Resistance N (blows/ft) | Relative Density |
|---|---|
| 0 - 4 | Very loose |
| 4 - 10 | Loose |
| 10 - 30 | Medium |
| 30 - 50 | Dense |
| > 50 | Very dense |

**Standard Penetration Test**

| Penetration Resistance N (blows/ft) | Consistency | Unconfined Compressive Strength (tons/ft²) |
|---|---|---|
| <2 | Very Soft | <0.25 |
| 2 - 4 | Soft | 0.25 - .050 |
| 4 - 8 | Medium | 0.50 - 1.00 |
| 8 - 15 | Stiff | 1.00 - 2.00 |
| 15 - 30 | Very Stiff | 2.00 - 4.00 |
| >30 | Hard | >4.00 |

3" 3/4" #4 #10 #40 #200 U.S. Standard Sieve

| Unified Soil Classification | Cobbles | Gravel | | Sand | | | Silt or Clay |
|---|---|---|---|---|---|---|---|
| | | coarse | fine | coarse | medium | fine | |

**MOISTURE CONDITIONS**

| | |
|---|---|
| Dry | Absence of moisture: dusty, dry to the touch |
| Slightly Moist | Below optimum moisture content for compaction |
| Moist | Near optimum moisture content |
| Very Moist | Above optimum moisture content |
| Wet | Visible free water; below water table |

**MATERIAL QUANTITY**

| | |
|---|---|
| trace | 0 - 5 % |
| few | 5 - 10 % |
| little | 10 - 25 % |
| some | 25 - 45 % |

**OTHER SYMBOLS**

C Core Sample
S SPT Sample
B Bulk Sample
▼ Groundwater
Qp Pocket Penetrometer

**BASIC LOG FORMAT:**
Group name, Group symbol, (grain size), color, moisture, consistency or relative density. Additional comments: odor, presence of roots, mica, gypsum, coarse grained particles, etc.

**EXAMPLE:**
Sand (SP), fine to medium grained, brown, moist, loose, trace silt, little fine gravel, few cobbles up to 4" in size, some hair roots and rootlets.

# BORING LOG

## GeoSoils, Inc.

W.O. 5573-A-SC

PROJECT: ZC CAPITAL PARTNERS, LLC
APN 381-070-52-00

BORING B-1 SHEET 1 OF 2

DATE EXCAVATED 12-12-07

SAMPLE METHOD: Modified California Sampler and Standard Penetration Test

Approx. Elevation: ~360' MSL

Standard Penetration Test

Undisturbed, Ring Sample

Groundwater

| Depth (ft.) | Sample: Bulk | Sample: Undisturbed | Blows/ft. | USCS Symbol | Dry Unit Wt. (pcf) | Moisture (%) | Saturation (%) | Description of Material |
|---|---|---|---|---|---|---|---|---|
| | | | | SM<br>SP | | | | **AC PAVEMENT SECTION:**<br>@ 0' ASPHALTIC CONCRETE.<br>@ 1/8' SILTY SAND, brown, moist, loose.<br>**UNDOCUMENTED ARTIFICIAL FILL:**<br>@ 3/8' SAND w/minor SILT, gray, dry, loose; fine to medium grained. |
| 5 | | | 5 | SP/ML | 99.9 | 3.3 | 13.2 | **QUATERNARY ALLUVIUM:**<br>@ 5' SAND, gray to reddish brown, dry, loose; fine to coarse grained to SANDY SILT, mottled gray and reddish brown, moist, medium stiff; iron-oxide staining. |
| 10 | | | 27 | | | | | @ 10' Interbedded SAND and SANDY SILT, grayish brown to brown, damp to moist, medium dense/very stiff. |
| 15 | | | 31 | SP | 92.4 | 7.2 | 24.1 | @ 15' SAND w/minor SILT, gray, dry, medium dense; fine grained. |
| 20 | | | 29 | | | | | @ 20' SAND w/minor SILT, gray, moist, medium dense; fine grained. |
| | | | | | | | | @ 24' Groundwater Encountered. |
| 25 | | | 13 | CL/SW | 93.9 | 31.6 | 100 | @ 25' SANDY CLAY, brown, saturated, stiff to SAND, gray saturated, medium dense; fine to coarse grained. |

# BORING LOG

## GeoSoils, Inc.

W.O. 5573-A-SC

PROJECT: ZC CAPITAL PARTNERS, LLC
APN 381-070-52-00

BORING B-1 SHEET 2 OF 2

DATE EXCAVATED 12-12-07

SAMPLE METHOD: Modified California Sampler and Standard Penetration Test

Approx. Elevation: ~360' MSL

Standard Penetration Test

Undisturbed, Ring Sample

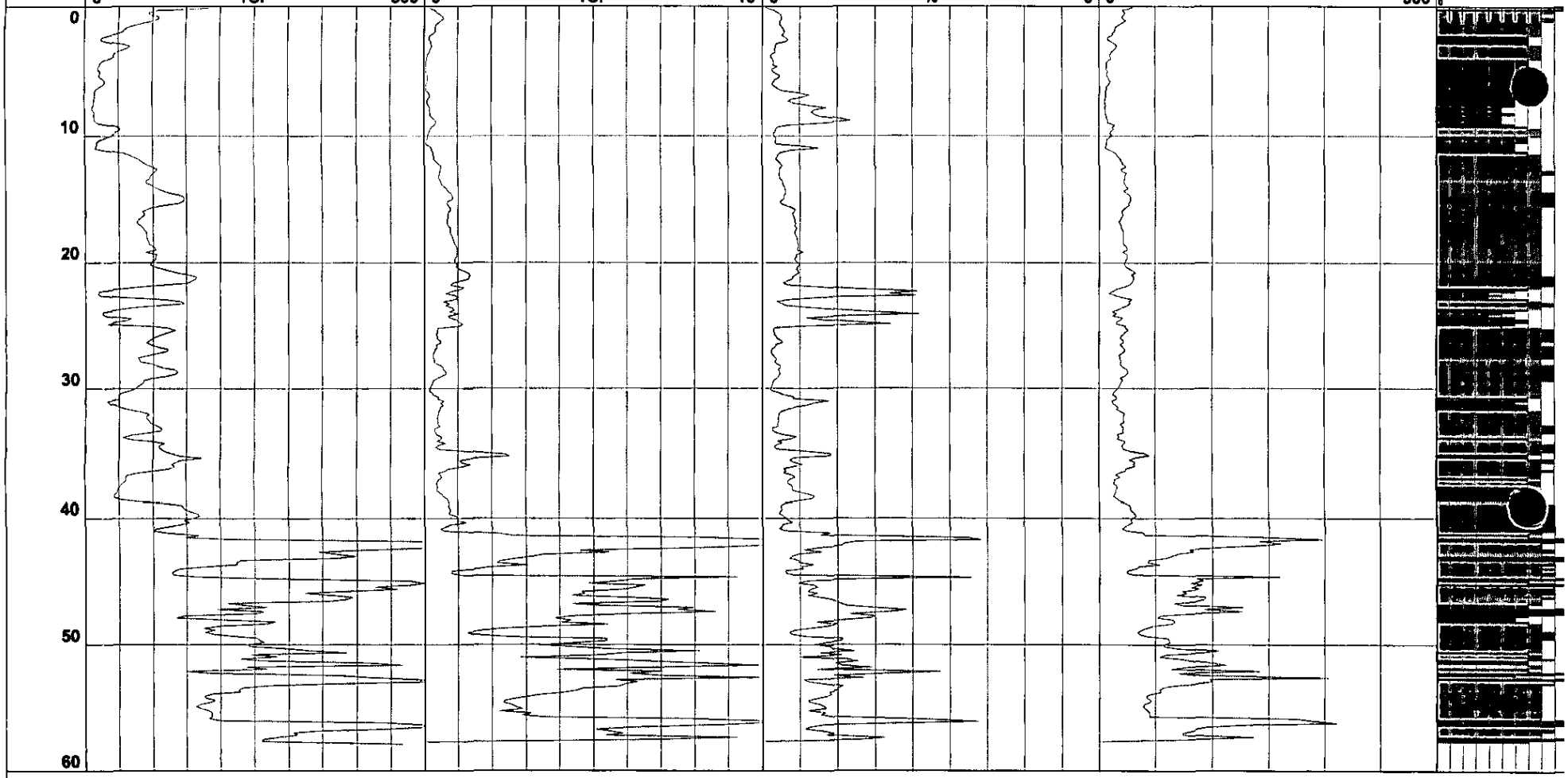
Groundwater

| Depth (ft.) | Sample: Bulk | Sample: Undisturbed | Sample: Blows/ft. | USCS Symbol | Dry Unit Wt. (pcf) | Moisture (%) | Saturation (%) | Description of Material |
|---|---|---|---|---|---|---|---|---|
| | | | 26 | SW | | | | @ 30' SAND w/minor SILT, gray, wet, medium dense; fine to coarse grained. |
| 35 | | | 33 | | 110.5 | 16.8 | 89.2 | @ 35' SAND, gray, wet, medium dense; fine to coarse grained. |
| 40 | | | 8 | | | | | @ 40' SAND, gray, wet, medium dense; fine to coarse grained. |
| | | | | | | | | @ 42' Gravels Encountered. |
| 45 | | | 50-4" | | | | | @ 45' No recovery (possibly due to gravel). |
| 50 | | | 23/ 50-5" | SM | | | | **QUATERNARY FAN DEPOSITS (PLEISTOCENE):** @ 50' SILTY SAND w/minor CLAY, reddish yellow to gray, wet, dense; trace rounded pebbles, moderately indurated, iron-oxide staining. |
| 55 | | | 50-6" | | | | | @ 55' SILTY SAND w/minor CLAY, reddish yellow to gray, wet, dense; trace subangular to subrounded pebble- to cobble-sized clasts, moderately indurated, iron-oxide staining. |
| | | | | | | | | Practical Refusal @ 56½' |
| | | | | | | | | Groundwater Encountered @ 24' |
| | | | | | | | | Heaving Sand Encountered @ 35' |
| | | | | | | | | Backfilled 12-12-2007 |

# GeoSoils Inc

| | | | | | |
|---|---|---|---|---|---|
| Location | Santee Drive Inn | Operator | ML/JH | Filename | SDF(497).cpt |
| Job Number | 5573-A-SC | Cone Number | DSG1047 | GPS | |
| Hole Number | CPT-01 | Date and Time | 12/18/2007 8:48:19 AM | Maximum Depth | 57.91 ft |
| Water Table Depth | | 24.00 ft | | Elevation | |

## CPT DATA

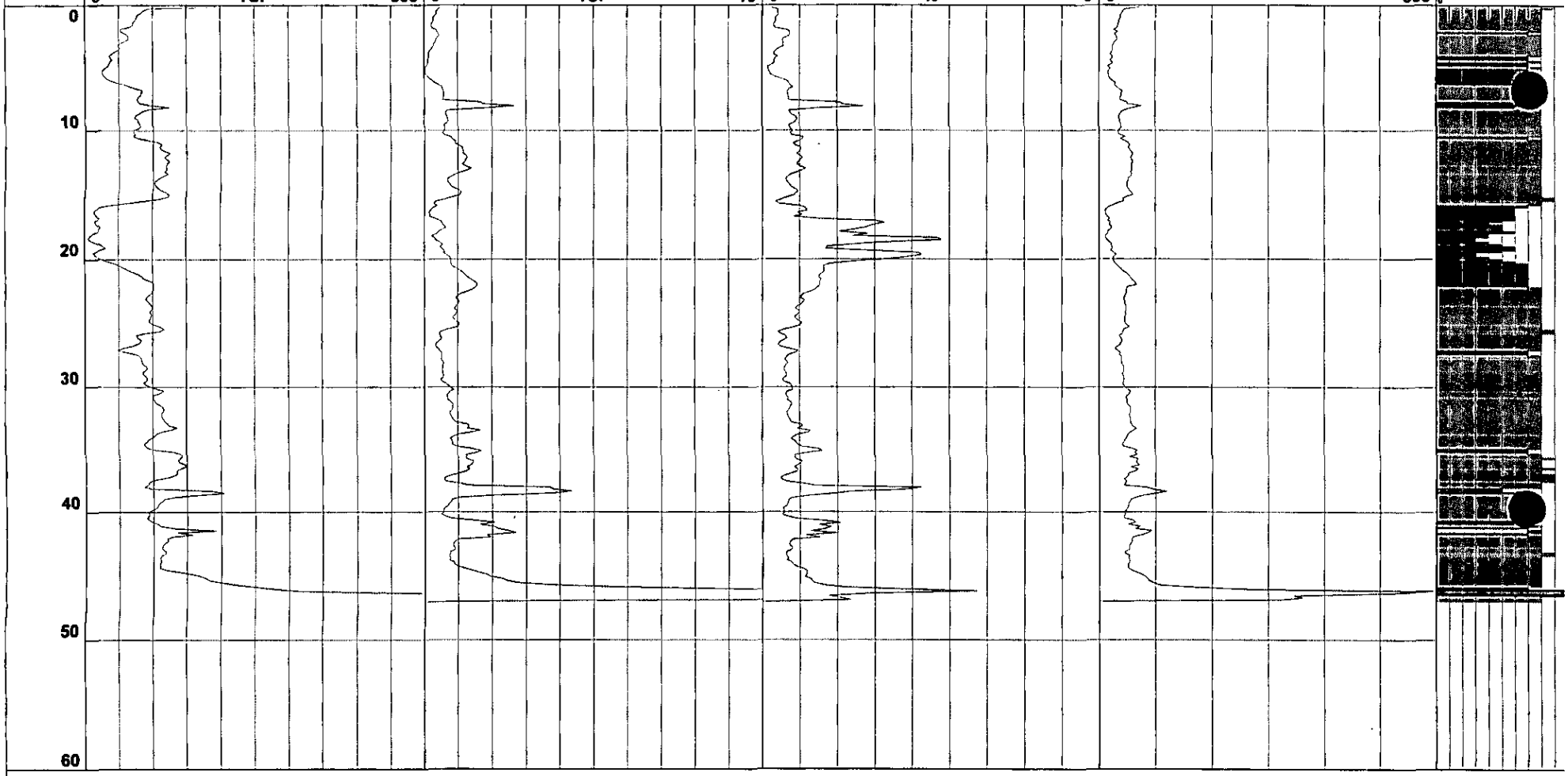



- 1 - sensitive fine grained
- 2 - organic material
- 3 - clay
- 4 - silty clay to clay
- 5 - clayey silt to silty clay
- 6 - sandy silt to clayey silt
- 7 - silty sand to sandy silt
- 8 - sand to silty sand
- 9 - sand
- 10 - gravelly sand to sand
- 11 - very stiff fine grained (*)
- 12 - sand to clayey sand (*)

# GeoSoils Inc

| | | | | | |
|---|---|---|---|---|---|
| Location | Santee Drive Inn | Operator | ML/JH | Filename | SDF(498).cpt |
| Job Number | 5573-A-SC | Cone Number | DSG1047 | GPS | |
| Hole Number | CPT-02 | Date and Time | 12/18/2007 9:48:33 AM | Maximum Depth | 47.24 ft |
| Water Table Depth | 24.00 ft | | | Elevation | |

## CPT DATA




- 1 - sensitive fine grained
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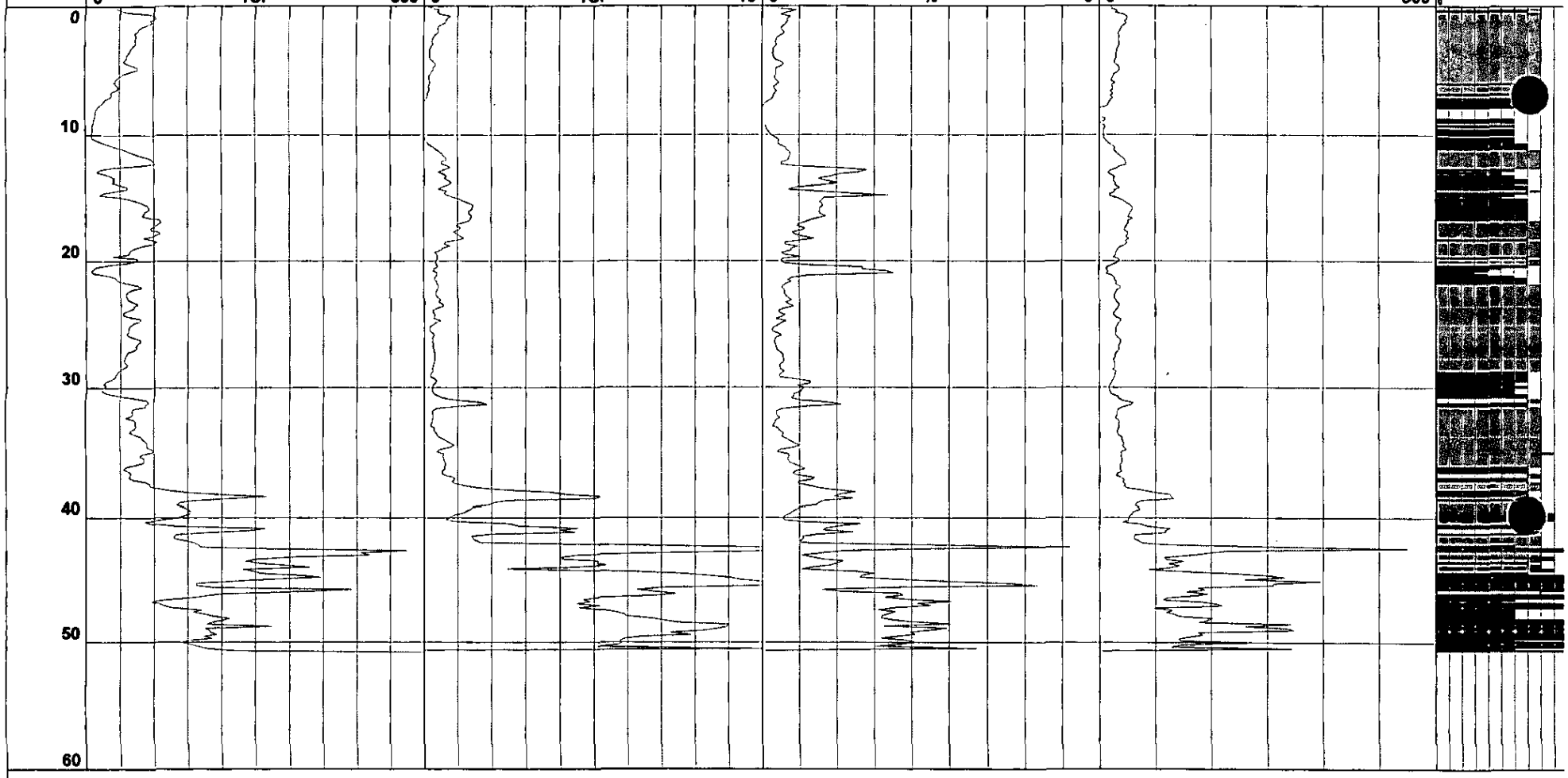
- 5 - clayey silt to silty clay
- 6 - sandy silt to clayey silt
- 7 - silty sand to sandy silt
- 8 - sand to silty sand
- 9 - sand
- 10 - gravelly sand to sand
- 11 - very stiff fine grained (*)
- 12 - sand to clayey sand (*)

# GeoSoils Inc

| | | | | | |
|---|---|---|---|---|---|
| Location | Santee Drive Inn | Operator | ML/JH | Filename | SDF(499).cpt |
| Job Number | 5573-A-SC | Cone Number | DSG1047 | GPS | |
| Hole Number | CPT-03 | Date and Time | 12/18/2007 10:36:01 AM | Maximum Depth | 50.85 ft |
| Water Table Depth | | 24.00 ft | | Elevation | |

## CPT DATA

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- 7 - silty sand to sandy silt
- 8 - sand to silty sand
- 9 - sand
- 10 - gravelly sand to sand
- 11 - very stiff fine grained (*)
- 12 - sand to clayey sand (*)

# GeoSoils Inc

| | | | | | |
|---|---|---|---|---|---|
| Location | Santee Drive Inn | Operator | MLJH | Filename | SDF(500).cpt |
| Job Number | 5573-A-SC | Cone Number | DSG1047 | GPS | |
| Hole Number | CPT-04 | Date and Time | 12/18/2007 11:30:16 AM | Maximum Depth | 57.09 ft |
| Water Table Depth | 24.00 ft | | | Elevation | |

## CPT DATA

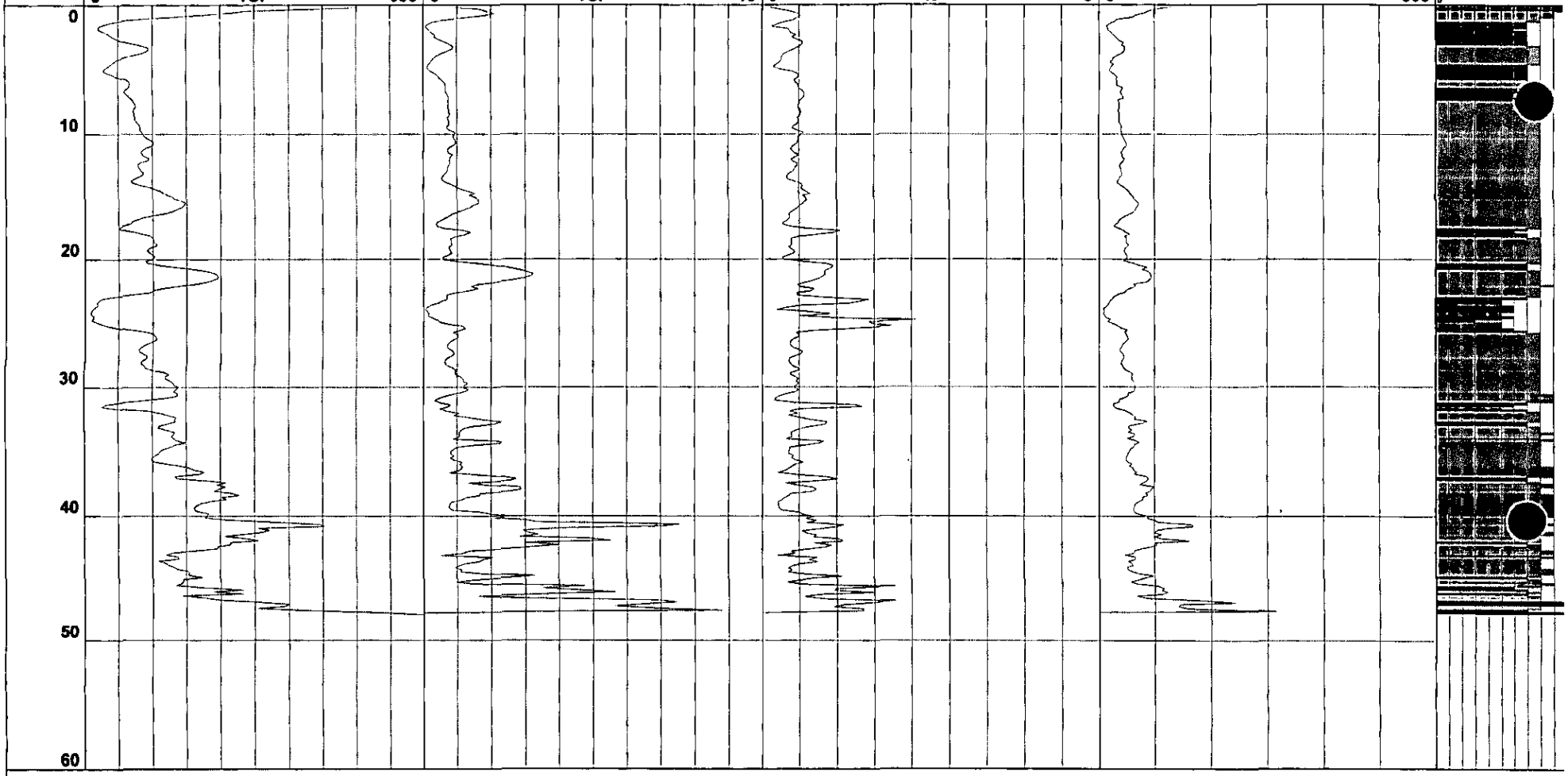



- 1 - sensitive fine grained
- 2 - organic material
- 3 - clay
- 4 - silty clay to clay
- 5 - clayey silt to silty clay
- 6 - sandy silt to clayey silt
- 7 - silty sand to sandy silt
- 8 - sand to silty sand
- 9 - sand
- 10 - gravelly sand to sand
- 11 - very stiff fine grained (*)
- 12 - sand to clayey sand (*)

# GeoSoils Inc

| | | | | | |
|---|---|---|---|---|---|
| Location | Santee Drive Inn | Operator | ML/JH | Filename | SDF(501).cpt |
| Job Number | 5573-A-SC | Cone Number | DSG1047 | GPS | |
| Hole Number | CPT-05 | Date and Time | 12/18/2007 12:19:43 PM | Maximum Depth | 47.90 ft |
| Water Table Depth | | 24.00 ft | | Elevation | |

## CPT DATA

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- 3 - clay
- 4 - silty clay to clay
- 5 - clayey silt to silty clay
- 6 - sandy silt to clayey silt
- 7 - silty sand to sandy silt
- 8 - sand to silty sand
- 9 - sand
- 10 - gravelly sand to sand
- 11 - very stiff fine grained (*)
- 12 - sand to clayey sand (*)

PERMIT #LMON106162
A.P.N. #381-070-52
EST #NONE

**COUNTY OF SAN DIEGO**
**DEPARTMENT OF ENVIRONMENTAL HEALTH**
**LAND AND WATER QUALITY DIVISION**
**MONITORING WELL PROGRAM**

## GEOTECHNICAL BORING CONSTRUCTION PERMIT

SITE NAME: SANTEE DRIVE INN

SITE ADDRESS: 10990 NORTH WOODSIDE AVE., SANTEE CA 92071

PERMIT FOR: **ONE GEOTECHNICAL SOIL BORING**

PERMIT APPROVAL DATE: DECEMBER 18, 2008

PERMIT EXPIRES ON: APRIL 17, 2009

RESPONSIBLE PARTY: FORTE FAMILY LIMITED PARTNERSHIP

---

**PERMIT CONDITIONS:**

1. All borings must be sealed from the bottom of the boring to the ground surface with an approved sealing material as specified in California Well Standards Bulletin 74-90, Part III, Section 19.D. **Drill cuttings are not an acceptable fill material.**

2. Placement of any sealing material at a depth greater than 30 feet must be done using the tremie method.

3. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, E- 4. (**http://www.sdcounty.ca.gov/deh/lwq/sam/manual_guidelines.html**). In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.

4. **This work is not connected to any known unauthorized release of hazardous substances. Any contamination found in the course of drilling and sampling must be reported to DEH.** Within 60 days of completing work, submit a well/boring construction report, including all well and/or boring logs and laboratory data to the Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 6 & 7.

5. This office must be given 48-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at 619) 338-2339.

APPROVED BY Amelia Cesena AMELIA CESEÑA Date: 12.18.2008

NOTIFIED: emailed 12/18/08

DEH:SAM-9075

RECEIVED
DEC 15 2008
ENVIRONMENTAL HEALTH

T106162

# PERMIT APPLICATION GROUNDWATER AND VADOSE MONITORING WELLS AND EXPLORATORY OR TEST BORINGS

**OFFICE USE ONLY**
PERMIT LMON # 106162
SAM CASE Y/N # None
DATE RECEIVED: 12-15-08
FEE PAID: $193-
CHECK # 29777

**A. RESPONSIBLE PARTY** FORTE FAMILY LIMITED PARTNERSHIP (SUSAN FORTE BOYD) E-mail _____
(The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)
Mailing Address 33621 HOLTE HILL City DANA POINT State CA Zip 92629
Contact Person SUSAN FORTE BOYD Phone (949) 481-8502 Ext. _____ Fax (949) 481-8502

**B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE #** _____

**C. CONSULTING FIRM** GEOSOILS, INC.
Mailing Address 5741 PALMER WAY City CARLSBAD State CA Zip 92010
Registered Professional ROBERT G. CRISMAN Registration # 6063 (RG)
E-mail rgcrisman@geosoilsinc.com
Contact Person ROBERT CRISMAN / RYAN BOEHMER Phone (760) 438-3155 Ext. _____ Fax (760) 931-0915

**D. DRILLING COMPANY** SCOTT'S DRILLING SERVICE C57# 713741
Contact Name SCOTT L. BALL E-mail SCOTTSDRILLING@COX.NET
Mailing Address 271 ROYMAR RD SUITE D City OCEANSIDE State CA Zip 92058
Phone 760-966-1613 Fax 760-433-1614

**E. CONSTRUCTION INFORMATION**

**TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED**

| | # |
|---|---|
| ☐ Groundwater | ___ |
| ☐ Vadose | ___ |
| ☒ Boring | 1 |
| ☐ Other | ___ |

**NUMBER OF WELLS TO BE DESTROYED**

☐ ___

**MATERIALS TO BE USED**

**CASING**
**Not Applicable** _____
Type _____
Gauge _____
Diameter _____
Well Screen Size _____
Filter Pack _____

**SEAL/BORING BACKFILL**
☐ Neat Cement
☒ Cement & Bentonite
☐ Sand-Cement
☐ Bentonite
☐ Other
Borehole diameter 8-INCH

**Drilling Method**
☐ Auger ☐ Air Rotary
☐ Mud Rotary ☐ Other
☐ Percussion

**PROPOSED CONSTRUCTION**
Estimated groundwater depth: 25 ft.
Estimated depth of boring 50-60 ft.
Perforation _____ to _____

**NOTE:**
**Attach a well construction diagram for wells with multiple completions**

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE _____ DATE 12/12/08

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk with a complete and accurate well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

RG/RCE/CEG SIGNATURE _____ DATE 12-12-08

**F. SITE INFORMATION**

1. **ASSESSOR'S PARCEL NUMBER** 381-070-52

Site Name SANTEE DRIVE-IN

Site Address 10990 NORTH WOODSIDE AVE. City SANTEE Zip 92071

**PROPERTY OWNER** SUSAN BOYD (FORTE FAMILY LIMITED PARTNERSHIP)

Phone (949) 481-8502 Ext. _____ Fax (949) 481-8502

Mailing Address 33621 HOLTZ HILL City DANA POINT State CA Zip 92629

**NUMBER OF ~~WELLS~~** BORINGS 1 **TYPE OF ~~WELLS~~** BORING HOLLOW-STEM AUGER

2. **ASSESSOR'S PARCEL NUMBER** _____

Site Name _____

Site Address _____ City _____ Zip _____

**PROPERTY OWNER** _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

**NUMBER OF WELLS** _____ **TYPE OF WELLS** _____

3. **ASSESSOR'S PARCEL NUMBER** _____

Site Name _____

Site Address _____ City _____ Zip _____

**PROPERTY OWNER** _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

**NUMBER OF WELLS** _____ **TYPE OF WELLS** _____

4. **ASSESSOR'S PARCEL NUMBER** _____

Site Name _____

Site Address _____ City _____ Zip _____

**PROPERTY OWNER** _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

**NUMBER OF WELLS** _____ **TYPE OF WELLS** _____

**G. FEES (in effect beginning July 1, 2008, through June 30, 2009)**

| ACTIVITY | FEE SCHEDULE | AMOUNT |
|---|---|---|
| **Permit for Well Installations Only** (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells) | $193.00 for the first monitoring well ..... | **$193.00** |
| **Permit for Well Maintenance Inspection (Valid for three years)** | $100.00 for first well maintenance inspection | **$100.00** |
| **Each Additional New Well** | $160.00 for each additional well installation | ___ x **$160.00** _____ |
| | $30.00 for each additional well maintenance inspection ..... | ___ x **$ 30.00** _____ |
| **Permit for Borings Only** *(CPT's, Hydropunch, Geoprobes, Temporary Well Points, etc.)* | $193.00 for the first boring ..... | 1 x **$193.00** $ 193.00 |
| | $50.00 for each additional boring ..... | ___ x **$ 50.00** _____ |
| **Permit for Well Destructions Only** | $193.00 for the first destruction ..... | ___ x **$193.00** |
| | $120.00 for each additional destruction ... | ___ x **$120.00** |
| **Permit for any Combination of Well Installations, Borings, & Destructions (*except UST backfill permit*)** | The first activity will be $193.00 | ___ x **$193.00** _____ |
| | **Additional activities will be as follows:** | |
| | $160.00 for each additional well ..... | ___ x **$160.00** _____ |
| | $100.00 for first well maintenance inspection | ___ x **$100.00** _____ |
| | $ 30.00 for each additional well maintenance inspection | ___ x **$ 30.00** _____ |
| | $120.00 for each well destruction | ___ x **$120.00** _____ |
| | $ 50.00 for each additional boring ..... | ___ x **$ 50.00** _____ |
| **Permit for Underground Storage Tank Monitoring System in Backfill** *(i.e. Enhanced Leak Detection)* | **$320.00 (Flat Fee)** | $_____ |
| | **TOTAL COST OF PERMIT** | $ 193.00 |

**G. FEES (in effect beginning July 1, 2008, through June 30, 2009)**

| ACTIVITY | FEE SCHEDULE | AMOUNT |
|---|---|---|
| **Permit for Well Installations Only** (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells) | $193.00 for the first monitoring well ..... | **$193.00** |
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| **Each Additional New Well** | $160.00 for each additional well installation | ___ x **$160.00** _____ |
| | $30.00 for each additional well maintenance inspection ..... | ___ x **$ 30.00** _____ |
| **Permit for Borings Only** *(CPT's, Hydropunch, Geoprobes, Temporary Well Points, etc.)* | $193.00 for the first boring ..... | 1 x **$193.00** $ 193.00 |
| | $50.00 for each additional boring ..... | ___ x **$ 50.00** _____ |
| **Permit for Well Destructions Only** | $193.00 for the first destruction ..... | ___ x **$193.00** |
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| **Permit for any Combination of Well Installations, Borings, & Destructions (except UST backfill permit)** | The first activity will be $193.00 | ___ x **$193.00** _____ |
| | **Additional activities will be as follows:** | |
| | $160.00 for each additional well ..... | ___ x **$160.00** _____ |
| | $100.00 for first well maintenance inspection | ___ x **$100.00** _____ |
| | $ 30.00 for each additional well maintenance inspection | ___ x **$ 30.00** _____ |
| | $120.00 for each well destruction | ___ x **$120.00** _____ |
| | $ 50.00 for each additional boring ..... | ___ x **$ 50.00** _____ |
| **Permit for Underground Storage Tank Monitoring System in Backfill** *(i.e. Enhanced Leak Detection)* | **$320.00 (Flat Fee)** | $_____ |
| | **TOTAL COST OF PERMIT** | $ 193.00 |

H. **QUESTIONNAIRE: Please answer all applicable questions completely.** ***For well destructions, complete only #1 below and submit any required supportive documentation.***

1. If wells are to be destroyed, provide a description of method of destruction N/A No Wells Are To Be Destroyed

2. What is the purpose of the well/boring investigation?

   ☐ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.

   _____ DEH _____ RWQCB _____ DTSC

   ☐ b. Part of a Phase I investigation for property ownership transfer or: _____

   ☒ c. Geotechnical investigation for proposed construction, land stabilization or:

   ☐ d. Other: _____

3. What procedures will be used to prevent the well/boring from providing an avenue to contamination during construction?
   Backfill with Bentonite Grout and/or chips and Provide 3-Foot thick Concrete Seal at the Surface per SAM Manual Requirements

4. What field procedures will be utilized to determine if contamination exists?
   Physical Observations (Discoloration of Soil and Odor

5. What procedures will be used to determine whether samples will be sent for laboratory testing or archiving?
   None Proposed, However, if Physical Signs of Contamination are detected, the Project Scope of Work will be re-evaluated with the Client.

6. What constituents will be monitored and tested (Include EPA Laboratory Test Methods to be used)?
   None Proposed. See #5

7. How will samples be transported and preserved? N/A

8. What sampling methods will be used? Modified California Sampler and Standard Penetrometer

9. Are you proposing a variation from the methods and/or procedures presented in the requirements for the construction or destruction of Vadose and Groundwater Monitoring Wells (Current SAM Manual Requirements)? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (www.sdcdeh.org). Yes ☐ No ☒
   No Monitoring Wells are Proposed

10. Are you proposing a variation in drilling and destruction of soil borings from the methods and/or procedures specified in the current SAM manual? If yes, specify these variations and *include a destruction diagram.*
    Yes ☐ No ☒

11. What procedures will be used to ensure that the drilling equipment will introduce no contamination?
    Inspect Drilling Equipment for Fluid Leaks, Inspect Auger for Contaminants. Drilling will not commence if contamination is detected.

12. What methods will be used to clean sampling equipment? ~~Steam~~ No Decontamination is Planned (See #10) Unless Physical Signs of Contamination are detected.

13. What cleaning method will be used to clean casing and screen prior to installation? WELL INSTALLATION IS NOT PROPOSED.

14. A Property Owner Consent (POC) agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties.

# County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933
www.sdcounty.ca.gov/deh/lwq

JACK MILLER
ASSISTANT DIRECTOR

## PROPERTY OWNER CONSENT

Proposed locations for subsurface work:

**Property Address:** 10990 North Woodside Avenue, Santee, CA

**Assessor's Parcel Number (APN):** 381-070-52

I, _____, owner of the property/properties listed above, give my permission to GeoSoils, Inc / Scott's Drilling Co. (consulting company, contractor) to conduct the following work at the locations stated above.

☐ Install _____ monitoring wells ☐ Destroy _____ monitoring wells ☒ Drill 1 soil borings

I understand that Robert Crispian (registered professional) of GeoSoils, Inc. (consulting company) and an authorized signer for Scott's Drilling Co. (drilling company) have submitted a signed application to the Department of Environmental Health in which they have agreed to complete the above-stated work according the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction. I have arranged with the Responsible Party, the person who causes to have monitoring wells/borings installed or existing wells destroyed on this property, to ensure proper closure of the monitoring well(s)/borings.

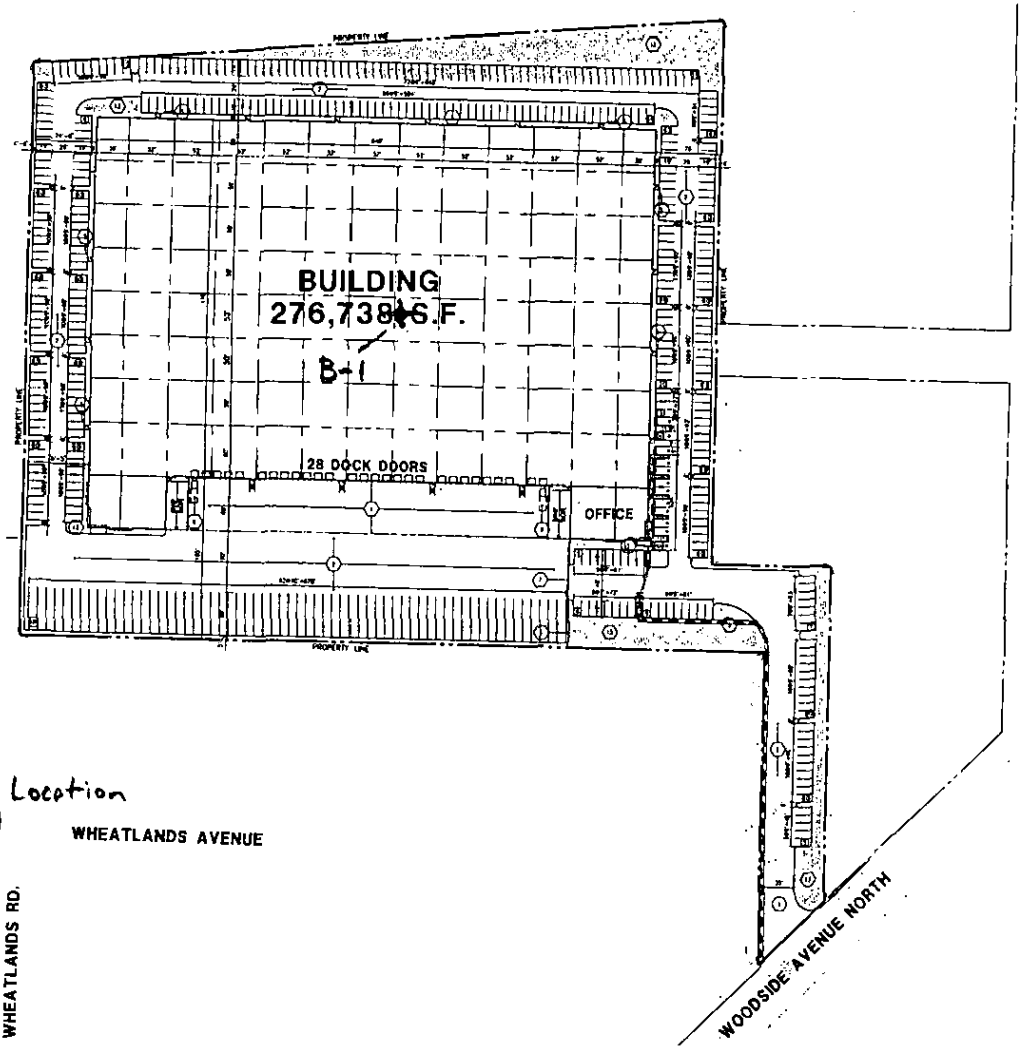
Property Owner Signature: Susan Boyd Date: 12/11/08

Print Name: Susan Boyd Title: General Partner

Company: Forte Family Limited Partnership

Mailing Address: 33671 Holtz Hill, Dana Point CA 92629

DEH:SAM-9503 (Rev. 5-07)




LEGEND

+ B-1 Approximate Location of Proposed Boring

## PROJECT INFORMATION

Owner / Applicant

Applicant's Representative

Assessors Parcel Number
APN # 381-070-53

Zoning
ZONE: I-1

Legal Description

Code Analysis
CONSTRUCTION TYPE:
SPRINKLERED:

## SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONC. PAVEMENT.
2. ASPHALT CONCRETE (AC) Pavement
3. CONCRETE WALKWAY, MEDIUM BROOM FINISH.
4. EMPLOYEE APPROPS TO BE CONSTRUCTED PER "L" STANDARD.
5. 6'-0" H CONC. MASONRY SCREEN WALL
6. CONCRETE TILT-UP SCREEN WALL
7. PROVIDE 4" SCH 40 PVC CONDUIT FOR FUTURE CABLE TV SERVICE FROM BUILDING TO PUBLIC WAY OR DRIVE WAY W/ 1'-0" MIN. PULL BOX
8. 20' X 10' CONCRETE LOADING DOCK W/ 4'-0" WIDE X 2'-0" DEEP RECESSED DOCK LEVELER
9. 8'-0" H CHAIN LINK GATE W/ SLATS
10. 20' X 10' CONCRETE LOADING DOCK W/ 4'-0" WIDE X 2'-0" DEEP RECESSED DOCK LEVELER
11. 8'-0" H CHAIN LINK GATE W/ SLATS
12. 20' X 10' CONCRETE LOADING DOCK W/ 4'-0" WIDE X 2'-0" DEEP RECESSED DOCK LEVELER
13. 8'-0" H CHAIN LINK GATE W/ SLATS

# DEH GIS




## Legend

- SAM MWs
- SAM Environmental Listing
- Inactive HMD Permitted Facilities
- Active HMD Permitted Facilities
- Streets
- Highways
- Freeways
- Parcels
- County Boundary
- Cities
- 2007 Orthophoto South West
- 2007 Orthophoto South East

DEH

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Scale 1:2,650

San Diego County Department of Environmental Health

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Printed: Dec 15, 2008 2:46:17 PM

GeoSoils, Inc.

Geotechnical • Geologic • Coastal • Environmental

5741 Palmer Way • Carlsbad, California 92010 • (760) 438-3155 • FAX (760) 931-0915

April 30, 2009

W.O. 5823-A-SC

**County of San Diego**
**Department of Environmental Health**
**Land and Water Quality Division**
P.O. Box 129261
San Diego, California 92112-9261

Attention: Ms. Marisue Crystal

Subject: Geotechnical Boring Log Submission, Permit No. LMON106162, 10990 North Woodside Avenue, APN 310-070-52-00, City of Santee, San Diego County, California

Dear Ms. Crystal:

In accordance with criteria presented in the San Diego County, Site Assessment and Mitigation Program (SAM) Manual, GeoSoils, Inc. (GSI), is submitting our geotechnical boring log (attached) for subsurface exploration completed at the subject site on December 30, 2008 under the purview of DEH Permit No. LMON106162. One (1) hollow-stem auger boring was performed. The hollow-stem auger diameter was 8 inches. No petroleum odors nor soil staining were encountered in the boring. Accordingly, no chemical laboratory analyses were performed. Groundwater was encountered in the boring at an approximate depth of 23 feet below the surface. The approximate location of the boring is shown on the Boring Location Map (see the attached Figure 1).

Boring B-1 was backfilled with approximately 17.6 cubic feet of bentonite grout. The boring was completed in general accordance with Department of Water Resources Bulletin 74-90.

If you should have any questions, please do not hesitate to contact our office.

Respectfully submitted,

**GeoSoils, Inc.**

Ryan Boehmer
Project Geologist

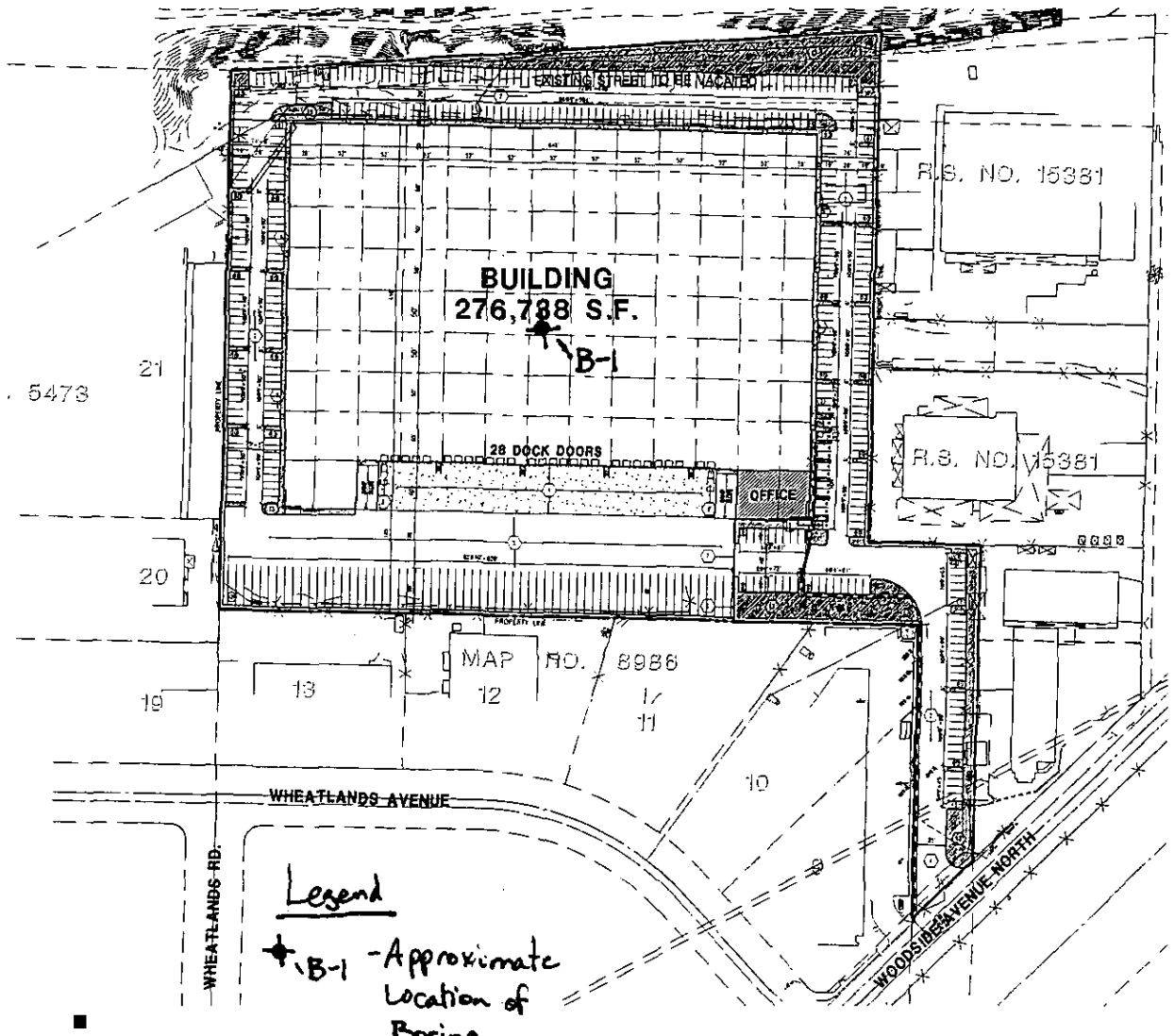
Robert G. Crisman
Engineering Geologist, CEG 1934

PROFESSIONAL GEOLOGIST
ROBERT G. CRISMAN
No. 1934
Certified
Engineering
Geologist
STATE OF CALIFORNIA

RB/RGC/JPF/jh

Attachments: Figure 1 - Boring Location Map
Boring Log B-1

Distribution: (1) Addressee (wet signed)




## PROJECT INFORMATION

Owner / Applicant / Applicant's Representative

Assessors Parcel Number

Legal Description

Code Analysis

## SITE PLAN KEYNOTES

## SITE LEGEND

## TABULATION

| | Building |
|---|---|
| Site Area | |
| In square feet | 597,675 |
| In acres | 13.48 |
| Building Area | |
| office | 5,000 |
| warehouse | 271,738 |
| Total Building Area | 276,738 |
| Coverage | 47.1% |
| Landscape (18% of parking/circulation area) | 31,084 |
| Landscape Provided | 65,884 |
| Coverage | 21.1% |
| Parking Required | |
| office @ 1 space/250 sf | 20 |
| warehouse @ 1 space/500 sf | 543 |
| Total Parking Required | 563 |
| Parking Provided | |
| standard stalls | 405 |
| handicap stalls | 12 |
| Total Auto Stalls Provided | 417 |
| trailer stalls | 62 |
| Total Parking Provided | 479 |
| trailer substituted with auto stalls | 152 |
| Total Auto Parking Provided | 569 |

north

HPA

16531 Bardeen Ave. - Ste. #100
Irvine, CA 92612
(949) 863-1770
www.hparchs.com

# Woodside Business Park

Santee, California

A1.1 SITE PLAN
FLP - SUSAN BOYD

SEPTEMBER 29, 2008 / Job #8195

Figure 1

# BORING LOG

**GeoSoils, Inc.**

W.O. 5823-A-SC

PROJECT: FORTE FAMILY LIMITED PARTNERSHIP
APN 381-070-52, Santee

BORING B-1 SHEET 1 OF 2

DATE EXCAVATED 12-30-08 LOGGED BY: BEV

SAMPLE METHOD: Standard Penetration/Modified Cal Sampler

Approx. Elevation: 355' MSL

▨ Standard Penetration Test

▨ Undisturbed, Ring Sample

▽ Groundwater

| Depth (ft.) | Sample: Bulk | Sample: Undisturbed | Sample: Blows/ft. | USCS Symbol | Dry Unit Wt. (pcf) | Moisture (%) | Saturation (%) | Description of Material |
|---|---|---|---|---|---|---|---|---|
| | ■ | | | SP | | | | **SURFACE:** @ 0' Asphaltic Concrete Pavement. **UNDOCUMENTED ARTIFICIAL FILL:** @ 1/12' SAND with traces of SILT, gray, dry, loose; fine to medium grained. |
| 5 | | ▨ | 7 | SP | 91.8 | 2.5 | 8.4 | **QUATERNARY ALLUVIUM:** @ 5' SAND, light brown, dry, loose; fine to coarse grained, moist, loose, iron-oxide staining. |
| 10 | | ▨ | 7 | SM/SP | | | | @ 10' Interbedded SAND and SANDY SILT, light brown, damp to moist, medium dense. |
| 15 | | ▨ | 32 | | 99.3 | 3.9 | 15.4 | @ 15' SAND with traces of SILT, gray, moist, medium dense, fine to coarse grained. |
| | | | | ML/SM | | | | @ 16' SILT interbed. |
| 20 | | ▨ | 7 | | | | | @ 20' SILT with traces of SAND, brown, moist to wet, medium dense. |
| ▽ | | | | | | | | @ 23' Groundwater encountered. |
| 25 | | ▨ | 33 | SW | 103.0 | 21.8 | 95.4 | @ 25' SAND, light brown, saturated, medium dense; fine to coarse grained. |

# BORING LOG

**GeoSoils, Inc.**

W.O. 5823-A-SC

PROJECT: FORTE FAMILY LIMITED PARTNERSHIP
APN 381-070-52, Santee

BORING B-1 SHEET 2 OF 2

DATE EXCAVATED 12-30-08 LOGGED BY: BEV

SAMPLE METHOD: Standard Penetration/Modified Cal Sampler

Approx. Elevation: 355' MSL

Standard Penetration Test

Undisturbed, Ring Sample

Groundwater

| Depth (ft.) | Sample: Bulk | Sample: Undisturbed | Sample: Blows/ft. | USCS Symbol | Dry Unit Wt. (pcf) | Moisture (%) | Saturation (%) | Description of Material |
|---|---|---|---|---|---|---|---|---|
| | | | 26 | SW | | | | @ 30' SAND traces of SILT, light brown, saturated, medium dense; fine to coarse grained. |
| 35 | | | 12 | | | | | @ 35' SAND, light brown, saturated, medium dense; medium to coarse grained. |
| 40 | | | 20 | SM/SP | | | | @ 40' SAND with traces of SILT, brown to light brown, saturated, medium dense. |
| | | | | SW | | | | @ 42' Gravels encountered. |
| 45 | | | 15/ 50-6" | | | | | @ 45' SAND with GRAVEL, light brown, saturated, dense; gravels in sampler. |
| | | | | | | | | @ 47' Gravels encountered. |
| 50 | | | 50-3" | SM | | | | **QUATERNARY FAN DEPOSITS:** @ 50' SILTY SAND with GRAVEL, light brown, saturated, very dense; gravel in sampler, subrounded to subangular pebble- to cobble-sized clasts. |
| | | | | | | | | Total Depth = 51½' |
| | | | | | | | | Flowing Sands @ 35' |
| | | | | | | | | Groundwater Encountered @ 23' |
| 55 | | | | | | | | Backfilled 12-30-2008 |

PERMIT #LMON106644
A.P.N. # 381-070-52-00
EST # NONE

**COUNTY OF SAN DIEGO**
**DEPARTMENT OF ENVIRONMENTAL HEALTH**
**LAND AND WATER QUALITY DIVISION**
**MONITORING WELL PROGRAM**
**GEOTECHNICAL BORING CONSTRUCTION PERMIT**

SITE NAME: SANTEE DRIVE-IN

SITE ADDRESS: 10990 N WOODSIDE AV SANTEE CA 92071

PERMIT FOR: **SIX GEOTECHNICAL BORINGS**

PERMIT APPROVAL DATE: AUGUST 27, 2009

PERMIT EXPIRES ON: DECEMBER 25, 2009

RESPONSIBLE PARTY: FORTE FAMILY LIMITED PARTNERSHIP

---

**PERMIT CONDITIONS:**

1. All borings must be sealed from the bottom of the boring to the ground surface with an approved sealing material as specified in California Well Standards Bulletin 74-90, Part III, Section 19.D.

2. All borings must be properly destroyed within 24 hours of drilling.

3. Placement of any sealing material at a depth greater than 30 feet must be done using the tremie method.

4. This work is not connected to any known unauthorized release of hazardous substances. Any contamination found in the course of drilling and sampling must be reported to DEH. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, II, E- 4. (**http://www.sdcounty.ca.gov/deh/lwq/sam/manual_guidelines.html**). In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.

5. Within 60 days of completing work, submit a well/boring construction report, including all well and/or boring logs and laboratory data to the Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 6 & 7.

6. **This office must be given 48-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at 619) 338-2339.**

APPROVED BY: M Crystal MARISUE CRYSTAL DATE: 08/27/2009

NOTIFIED: by email 8/27/09 MSC

DEH:SAM-9075 (4/03)

EXP DITE

# technical Boring

te: PERMIT APPLICATION
GROUNDWATER
AND VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS

T1066644

AUG 25 2009

**OFFICE USE ONLY**
PERMIT LMON # 1066644
SAM CASE Y/N# None
DATE RECEIVED: 8-25-09
FEE PAID: $ 443
CHECK # 29768

**A. RESPONSIBLE PARTY** Forte Family Limited Partnership E-mail _____
(The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)
Mailing Address 33621 Hotte Hill City Dana Point State CA Zip 92629
Contact Person Susan Boyd Phone (949) 481-8502 Ext. _____ Fax _____

**B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE #** _____

**C. CONSULTING FIRM** GeoSoils, Inc.
Mailing Address 5741 Palmer Way City Carlsbad State CA Zip 92010
Registered Professional Robert G. Ceusman Registration # 6063 (RG, RCE, CEG, PG)
Circle if applicable
E-mail rcrismun@geosoilsinc.com
Contact Person Ryan Boehmer (rboehmer@geosoilsinc.com) Phone (760) 438-3155 Ext. _____ Fax (760) 931-0915

**D. DRILLING COMPANY** Middle Earth Geo Testing, Inc. C57# 899451
Contact Name Robert Hancock E-mail Bobby_Hancock@MiddleEarthGeo.com
Mailing Address 954 North Lemon st. City Orange State Ca. Zip 92867
Phone 714-210-5971 Ext. 113 Fax _____

**E. CONSTRUCTION INFORMATION**

**TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED**

| | # |
|---|---|
| ☐ Groundwater | ___ |
| ☐ Vadose | ___ |
| ☐ Boring | ___ |
| ☑ Other CPT | 6 |

**NUMBER OF WELLS TO BE DESTROYED**

| | |
|---|---|
| ☐ | ___ |

**MATERIALS TO BE USED**

**CASING**
Not Applicable ____
Type _____
Gauge _____
Diameter _____
Well Screen Size _____
Filter Pack _____

**SEAL/BORING BACKFILL**
☐ Neat Cement
☐ Cement & Bentonite
☐ Sand-Cement
☑ Bentonite
☐ Other
Borehole diameter _____

**Drilling Method**
☐ Auger
☐ Mud Rotary
☐ Percussion
☐ Air Rotary
☑ Other CPT

**PROPOSED CONSTRUCTION**
Estimated groundwater depth: _____ ft.
Estimated depth of boring _____ ft.

| | |
|---|---|
| Concrete surface seal | 0 to 3 |
| Annular seal | _____ to _____ |
| Bentonite transition seal | _____ to _____ |
| Filter Pack | _____ to _____ |
| Perforation | _____ to _____ |

**NOTE:**
**Attach a well construction diagram for wells with multiple completions**

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE _____ DATE 8/18/09

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk with a complete and accurate well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

RG/RCE/CEG SIGNATURE _____ DATE 8/20/09

## F. SITE INFORMATION

1. **ASSESSOR'S PARCEL NUMBER** 381-070-52

Site Name SANTEE DRIVE-IN

Site Address 10990 NORTH WOODSIDE AVE. City SANTEE Zip 92071

**PROPERTY OWNER** Susan Boyd (FORTE FAMILY LIMITED PARTNERSHIP)

Phone (949) 481-8502 Ext. _____ Fax (949) 481-8502

Mailing Address 33621 HOLTE HILL City DANA POINT State CA Zip 92629

**NUMBER OF ~~WELLS~~** 6 CPTs **TYPE OF ~~WELLS~~** CPTs

2. **ASSESSOR'S PARCEL NUMBER** _____

Site Name _____

Site Address _____ City _____ Zip _____

**PROPERTY OWNER** _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

**NUMBER OF WELLS** _____ **TYPE OF WELLS** _____

3. **ASSESSOR'S PARCEL NUMBER** _____

Site Name _____

Site Address _____ City _____ Zip _____

**PROPERTY OWNER** _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

**NUMBER OF WELLS** _____ **TYPE OF WELLS** _____

4. **ASSESSOR'S PARCEL NUMBER** _____

Site Name _____

Site Address _____ City _____ Zip _____

**PROPERTY OWNER** _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

**NUMBER OF WELLS** _____ **TYPE OF WELLS** _____

**G. FEES (in effect beginning July 1, 2008, through June 30, 2009)**

| ACTIVITY | FEE SCHEDULE | AMOUNT |
|---|---|---|
| **Permit for Well Installations Only** (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells)<br>**Permit for Well Maintenance Inspection (Valid for three years)** | $193.00 for the first monitoring well .....<br>$100.00 for first well maintenance inspection | **$193.00**<br>**$100.00** |
| **Each Additional New Well** | $160.00 for each additional well installation<br>$30.00 for each additional well maintenance inspection<br>..... | ___ x **$160.00** _____<br>___ x **$ 30.00** _____ |
| **Permit for Borings Only** *(CPT's, Hydropunch, Geoprobes, Temporary Well Points, etc.)* | $193.00 for the first boring .....<br>$50.00 for each additional boring ..... | 1 x **$193.00** $193.00<br>5 x **$ 50.00** $250.00 |
| **Permit for Well Destructions Only** | $193.00 for the first destruction .....<br>$120.00 for each additional destruction ... | ___ x **$193.00**<br>___ x **$120.00** |
| **Permit for any Combination of Well Installations, Borings, & Destructions (*except UST backfill permit*)** | The first activity will be $193.00<br>**Additional activities will be as follows:**<br>$160.00 for each additional well .....<br>$100.00 for first well maintenance inspection<br>$ 30.00 for each additional well maintenance inspection<br>$120.00 for each well destruction<br>$ 50.00 for each additional boring<br>..... | ___ x **$193.00** _____<br>___ x **$160.00** _____<br>___ x **$100.00** _____<br>___ x **$ 30.00** _____<br>___ x **$120.00** _____<br>___ x **$ 50.00** _____ |
| **Permit for Underground Storage Tank Monitoring System in Backfill** *(i.e. Enhanced Leak Detection)* | **$320.00 (Flat Fee)** | $_____ |
| | **TOTAL COST OF PERMIT** | $ 443.00 |

**H. QUESTIONNAIRE: Please answer all applicable questions completely. *For well destructions, complete only #1 below and submit any required supportive documentation.***

1. If wells are to be destroyed, provide a description of method of destruction N/A No wells are to be destroyed

2. What is the purpose of the well/boring investigation?

   ☐ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.

   _____ DEH  _____ RWQCB  _____ DTSC

   ☐ b. Part of a Phase I investigation for property ownership transfer or: _____

   ☒ c. Geotechnical investigation for proposed construction, land stabilization or:

   ☐ d. Other: _____

3. What procedures will be used to prevent the well/boring from providing an avenue to contamination during construction?
   Per SAM Manual Requirements
   Backfill with Bentonite chips ~~and Grout to Surface~~

4. What field procedures will be utilized to determine if contamination exists?
   Physical Observations (discoloration of soil and odor)

5. What procedures will be used to determine whether samples will be sent for laboratory testing or archiving?
   None Proposed. However, if physical signs of contamination are detected, the project scope of work will be re-evaluated with the client.

6. What constituents will be monitored and tested (Include EPA Laboratory Test Methods to be used)?
   None Proposed. See #5

7. How will samples be transported and preserved? N/A

8. What sampling methods will be used? No sampling Proposed

9. Are you proposing a variation from the methods and/or procedures presented in the requirements for the construction or destruction of Vadose and Groundwater Monitoring Wells (Current SAM Manual Requirements)? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (www.sdcdeh.org). Yes ☐ No ☒
   No Monitoring wells are proposed

10. Are you proposing a variation in drilling and destruction of soil borings from the methods and/or procedures specified in the current SAM manual? If yes, specify these variations and *include a destruction diagram.* Yes ☐ No ☒

11. What procedures will be used to ensure that the drilling equipment will introduce no contamination?
    Inspect CPT equipment prior to advancing. Work will not commence if contamination is detected

12. What methods will be used to clean sampling equipment? No decontamination is planned (see #10) Unless physical signs of contamination are detected.

13. What cleaning method will be used to clean casing and screen prior to installation? Well Installation is not proposed

14. A Property Owner Consent (POC) agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties.

# County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933
http://www.sdcdeh.org

JACK MILLER
ASSISTANT DIRECTOR

## PROPERTY OWNER CONSENT

Proposed locations for subsurface work:

**Property Address:** 10990 North Woodside Ave. Santee, CA

**Assessor's Parcel Number (APN):** 381-090-52

I, SUSAN BOYD, owner of the property/properties listed above, give my permission to GeoSoils, Inc. / Middle Earth Geo Testing, Inc. (consulting company, contractor) to conduct the following work at the locations stated above.

☐ Install _____ monitoring wells ☐ Destroy _____ monitoring wells ☒ Drill 6 CPTs ~~soil borings~~

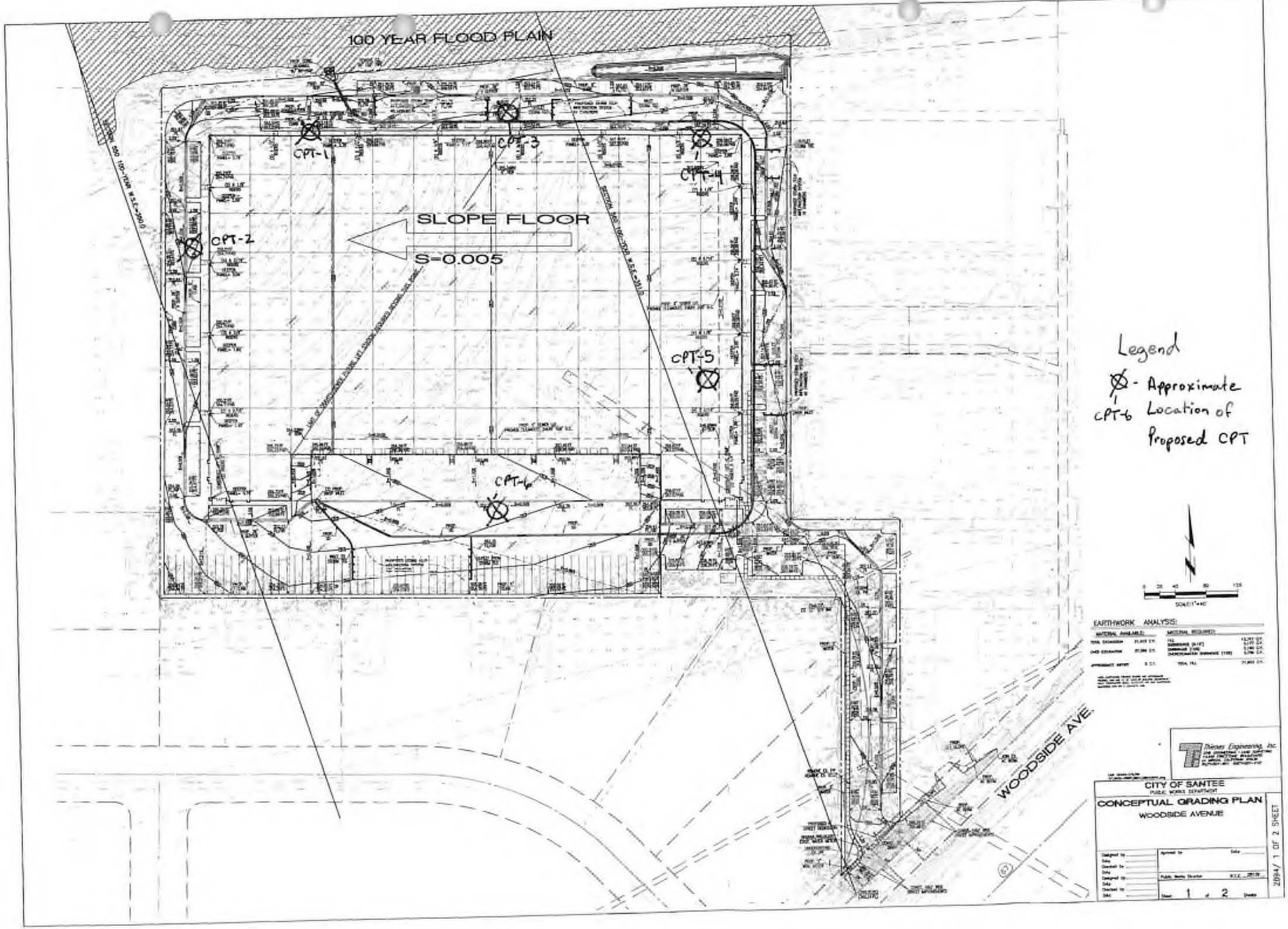
I understand that Robert Gorman (registered professional) of GeoSoils Inc. (consulting company) and an authorized signer for Middle Earth Geotesting, Inc. (drilling company) have submitted a signed application to the Department of Environmental Health in which they have agreed to complete the above-stated work according the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction. I have arranged with the Responsible Party, the person who causes to have monitoring wells/borings installed or existing wells destroyed on this property, to ensure proper closure of the monitoring wells/borings.

Property Owner Signature: Susan Boyd Date: 8/17/09

Print Name: SUSAN BOYD Title: General Partner

Company: Forte family Limited Partnership

Mailing Address: 33621 Holtz Hill Rd Dana Point CA 92629


100 YEAR FLOOD PLAIN
CPT-1
CPT-2
CPT-3
CPT-4
CPT-5
CPT-6
SLOPE FLOOR
S=0.005
WOODSIDE AVE.
Legend
- Approximate Location of Proposed CPT
EARTHWORK ANALYSIS:
CITY OF SANTEE
PUBLIC WORKS DEPARTMENT
CONCEPTUAL GRADING PLAN
WOODSIDE AVENUE
Sheet 1 of 2 Sheets
2894/ 1 OF 2 SHEET

**GeoSoils, Inc.**

**Geotechnical • Geologic • Coastal • Environmental**

5741 Palmer Way • Carlsbad, California 92010 • (760) 438-3155 • FAX (760) 931-0915

December 17, 2009

W.O. 5823-A1-SC

**County of San Diego**
**Department of Environmental Health**
**Land and Water Quality Division**
P.O. Box 129261
San Diego, California 92112-9261

Attention: Ms. Marisue Crystal

Subject: Geotechnical Cone Penetration Test Log Submission, Permit No. LMON106644, 10990 North Woodside Avenue, APN 310-070-52-00, City of Santee, San Diego County, California

Reference: "Geotechnical Boring Log Submission, Permit No. LMON106162, 10990 North Woodside Avenue, APN 310-070-52-00, City of Santee, San Diego County, California," W.O. 5823-A-SC, dated April 30, 2009, by GeoSoils, Inc.

Dear Ms. Crystal:

In accordance with criteria presented in the San Diego County, Site Assessment and Mitigation Program (SAM) Manual, GeoSoils, Inc. (GSI), is submitting our geotechnical cone penetration test logs (attached) for subsurface exploration completed at the subject site on August 31, 2009 under the purview of DEH Permit No. LMON106644. Six (6) cone penetration tests were performed. The diameter of the cone penetrometer conical tip and sleeve is 1.40 and 1.41 inches, respectively. No petroleum odors nor soil staining were encountered when the penetrometer was retrieved. Accordingly, no chemical laboratory analyses were performed. The depth to groundwater was not evaluated during our study but based on previous exploration at the site (see Reference), groundwater is anticipated at an approximate depth of 23 feet below the surface. The approximate location of the cone penetration tests (CPTs) are shown on the Cone Penetration Test Location Map (see the attached Figure 1).

CPT-01-09 was backfilled with approximately 0.18 cubic feet of bentonite chips. CPT-02-09 was backfilled with approximately 0.17 cubic feet of bentonite chips. CPT-03-09 was backfilled with approximately 0.20 cubic feet of bentonite chips. CPT-04-09 was backfilled with approximately 0.23 cubic feet of bentonite chips. CPT-05-09 was backfilled with approximately 0.23 cubic feet of bentonite chips. CPT-06-09 was backfilled with approximately 0.18 cubic feet of bentonite chips. The cone penetration tests were completed in general accordance with Department of Water Resources Bulletin 74-90.

If you should have any questions, please do not hesitate to contact our office.

Respectfully subrnitted,

**GeoSoils, Inc.**

Ryan Boehmer
Project Geologist

Robert G. Crisman
Engineering Geologist, CEG 1934

PROFESSIONAL GEOLOGIST
ROBERT G. CRISMAN
No. 1934
Certified
Engineering
Geologist
STATE OF CALIFORNIA

RB/RGC/JPF/jh

Attachments: Figure 1 - Boring Location Map
Cone Penetration Test Logs CPT-01-09 through CPT-06-09

Distribution: (1) Addressee (wet signed)

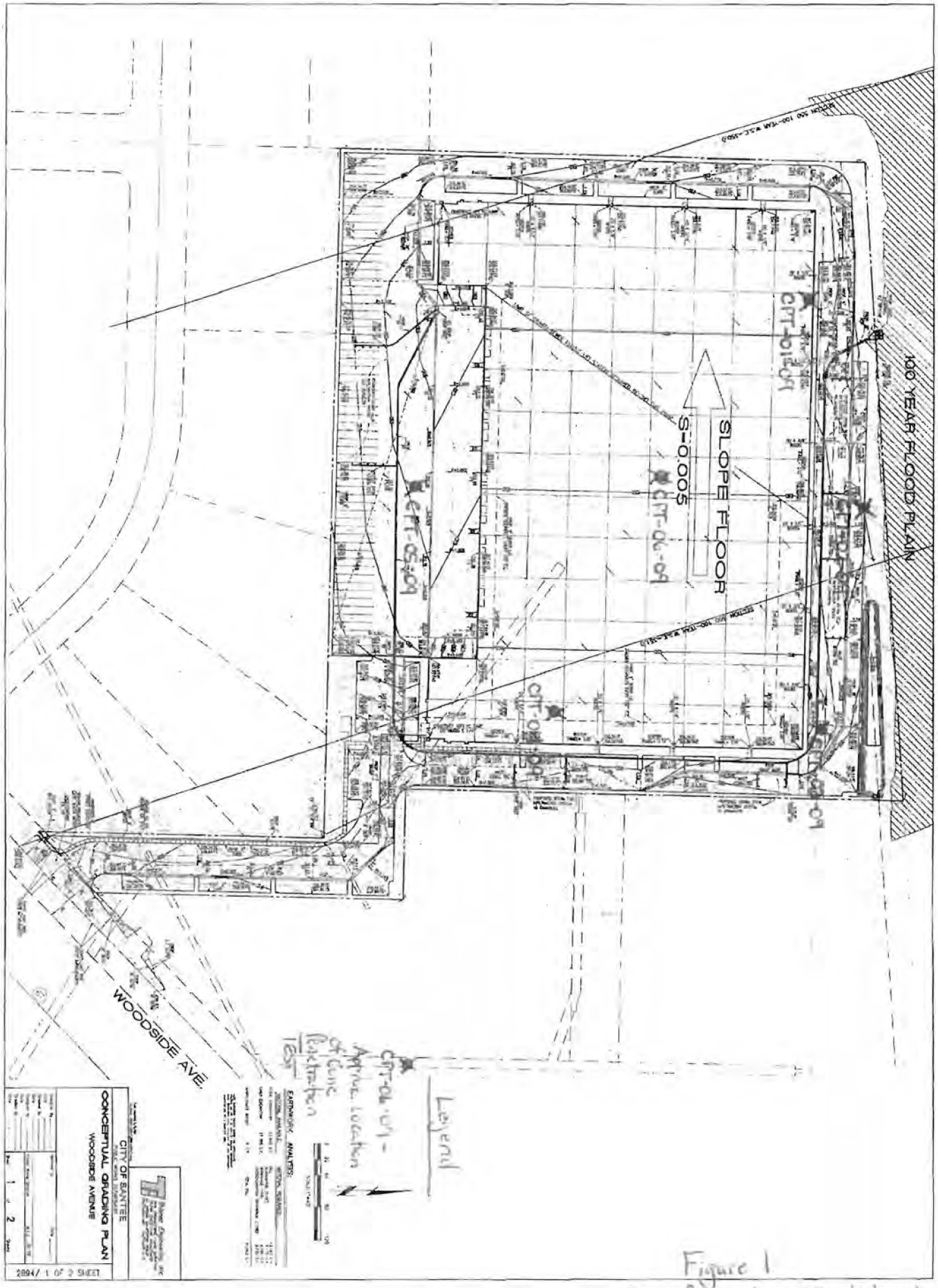
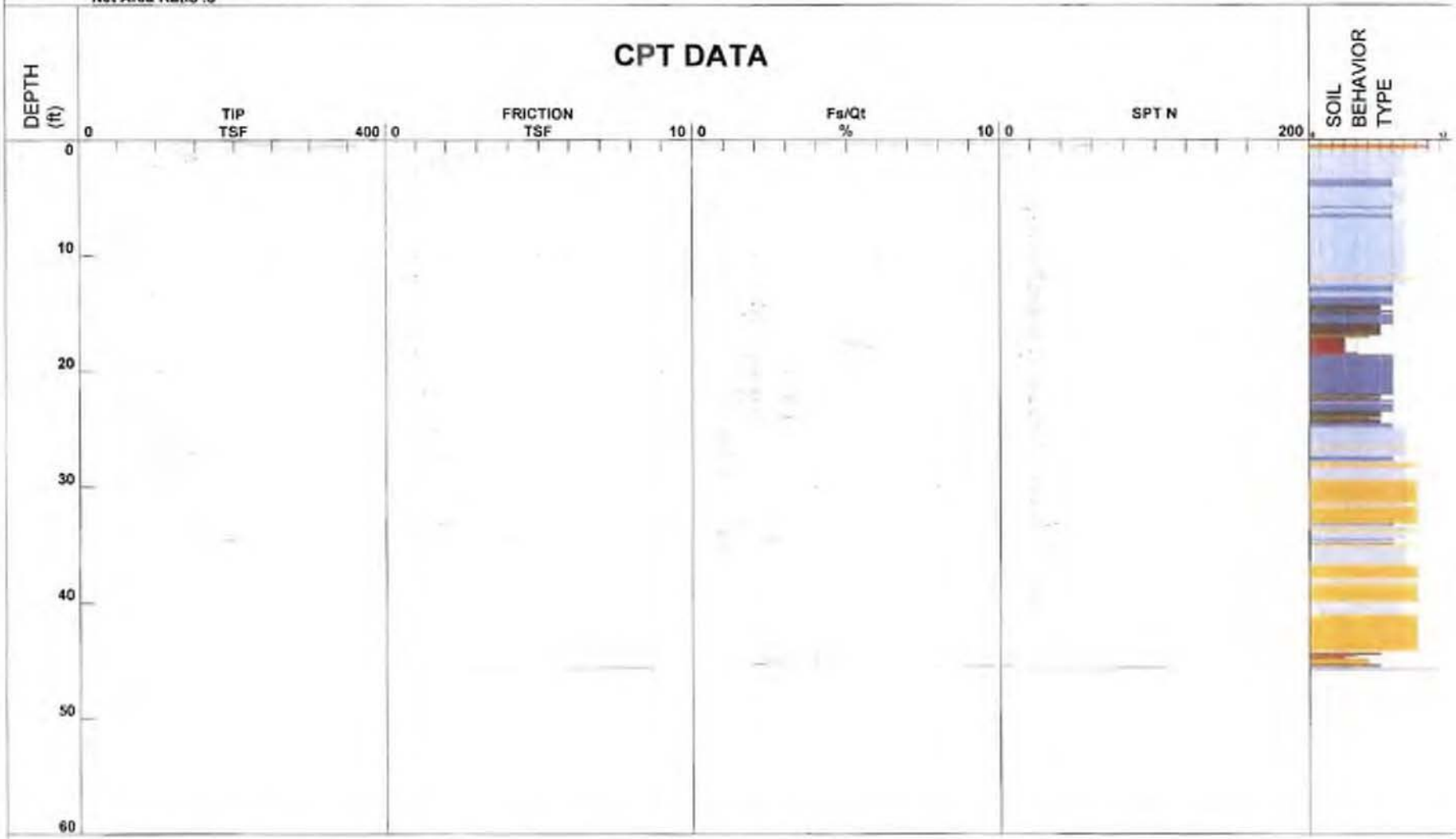



Figure 1
Cone Penetration Test Location
MAP

# Geosoils Inc.

| | | | | | |
|---|---|---|---|---|---|
| Project | Santee Drive Inn Theatre | Operator | ML/DK | Filename | SDF(024).cpt |
| Job Number | 5574-A-SC | Cone Number | DSG1104 | GPS | |
| Hole Number | CPT-01-09 | Date and Time | 8/31/2009 8:25:39 AM | Maximum Depth | 45.93 ft |
| Water Table Depth | | 23.00 ft | | | |

Net Area Ratio .8




1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

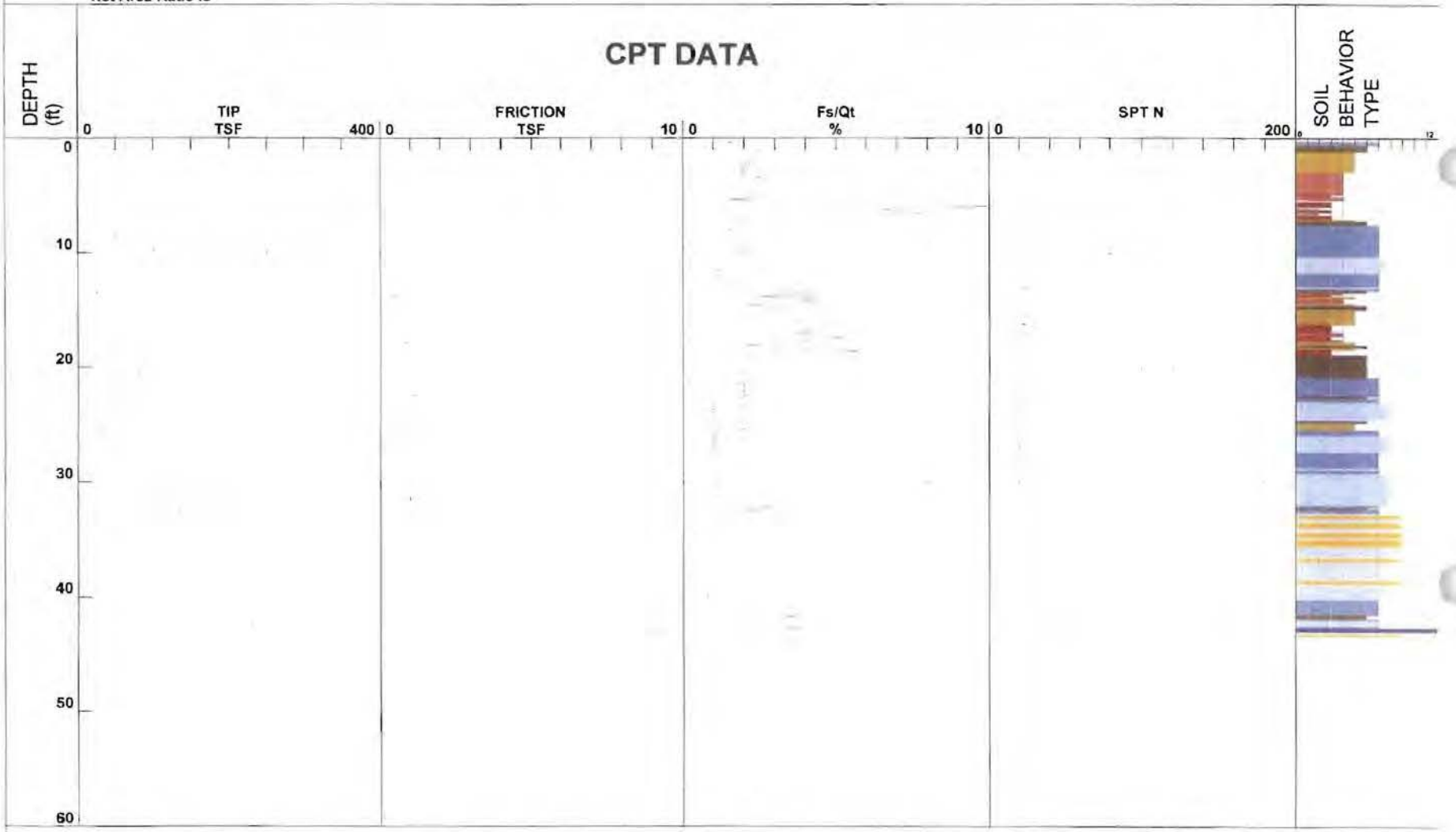
Cone Size 10cm squared

*Soil behavior type and SPT based on data from UBC-1983

# Geosoils Inc.

| | | | | | |
|---|---|---|---|---|---|
| Project | Santee Drive Inn Theatre | Operator | ML/DK | Filename | SDF(025).cpt |
| Job Number | 5574-A-SC | Cone Number | DSG1104 | GPS | |
| Hole Number | CPT-02-09 | Date and Time | 8/31/2009 9:16:52 AM | Maximum Depth | 43.47 ft |
| Water Table Depth | | 23.00 ft | | | |

Net Area Ratio .8




1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

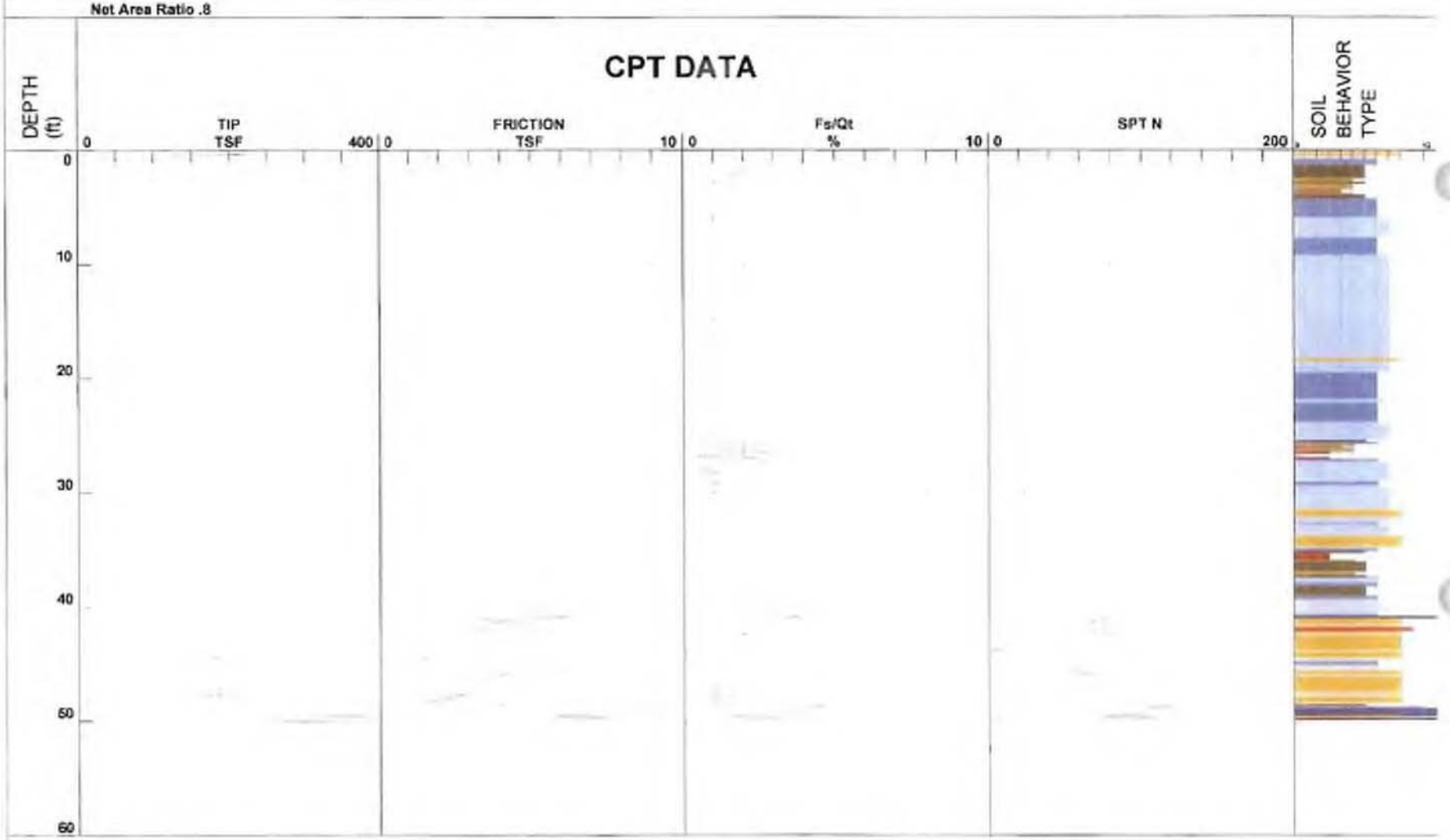
Cone Size 10cm squared

*Soil behavior type and SPT based on data from UBC-1983

# Geosoils Inc.

| | | | | | |
|---|---|---|---|---|---|
| Project | Santee Drive Inn Theatre | Operator | ML/DK | Filename | SDF(026).cpt |
| Job Number | 5574-A-SC | Cone Number | DSG1104 | GPS | |
| Hole Number | CPT-03-09 | Date and Time | 8/31/2009 10:01:18 AM | Maximum Depth | 50.03 ft |
| Water Table Depth | | 23.00 ft | | | |

Net Area Ratio .8

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6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

Cone Size 10cm squared

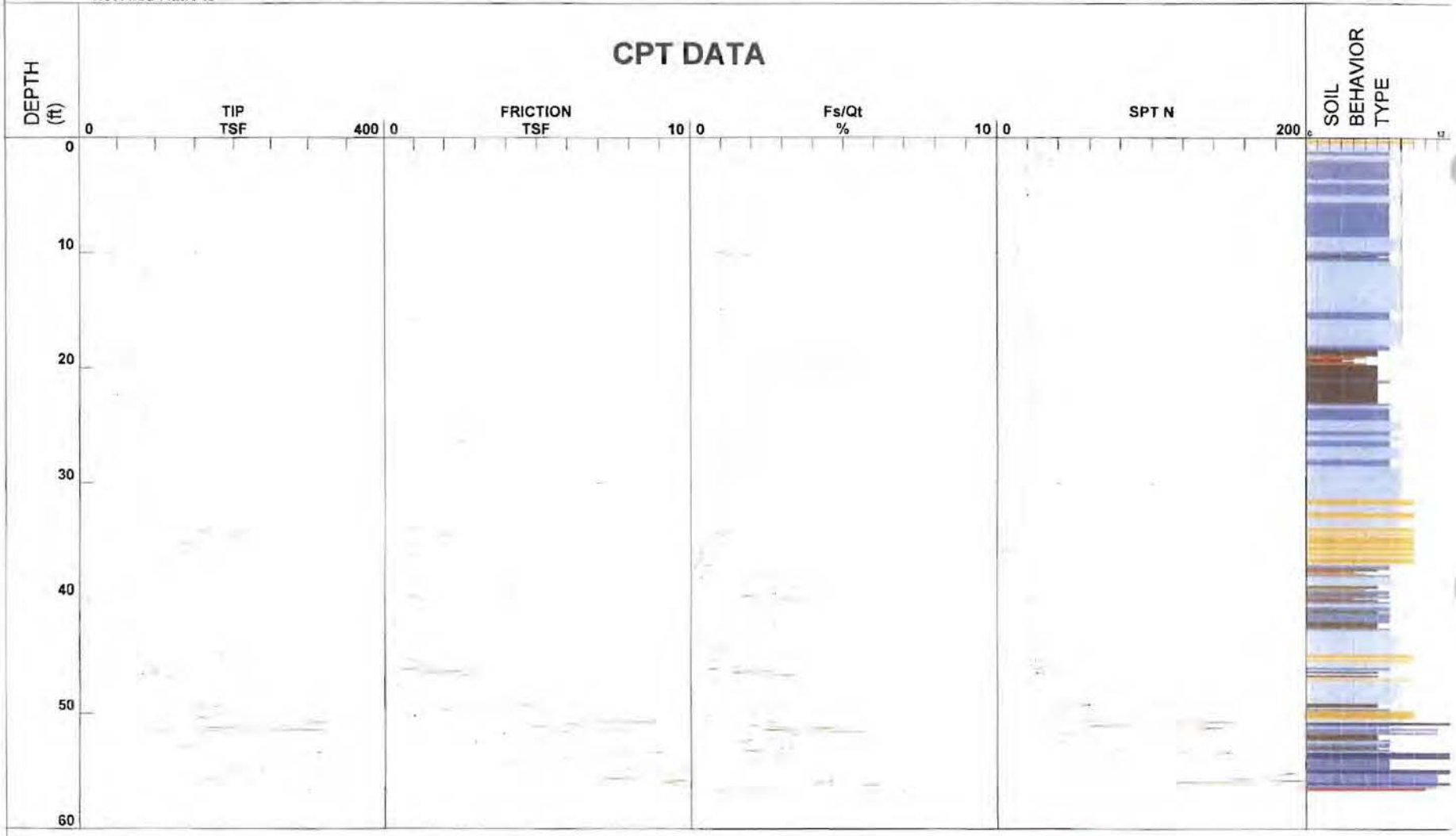
*Soil behavior type and SPT based on data from UBC-1983

# Geosoils Inc.

| | | | | | |
|---|---|---|---|---|---|
| Project | Santee Drive Inn Theatre | Operator | ML/DK | Filename | SDF(027).cpt |
| Job Number | 5574-A-SC | Cone Number | DSG1104 | GPS | |
| Hole Number | CPT-04-09 | Date and Time | 8/31/2009 10:54:03 AM | Maximum Depth | 56.76 ft |
| Water Table Depth | | 23.00 ft | | | |

Net Area Ratio .8

## CPT DATA

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6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

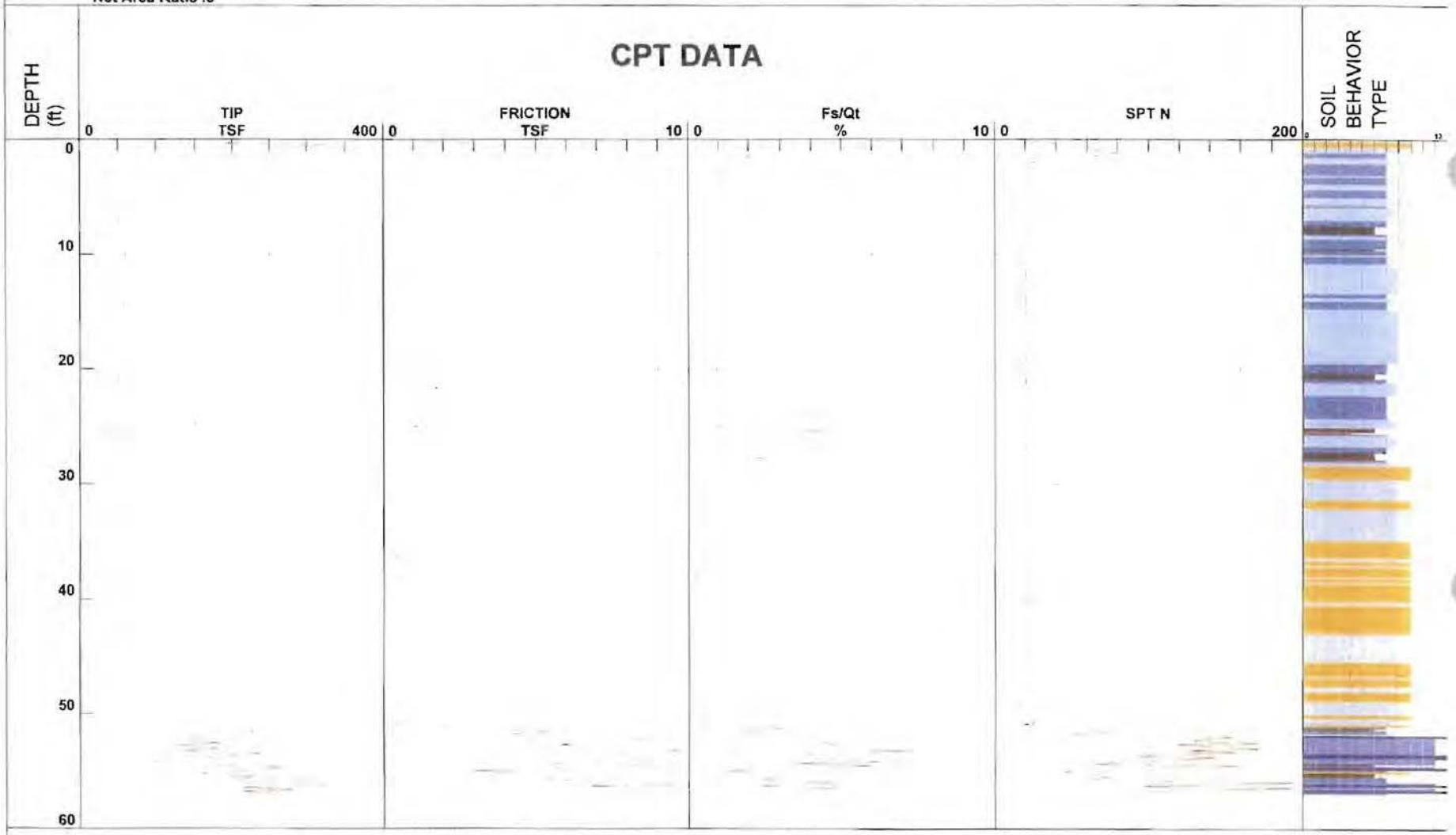
Cone Size 10cm squared

*Soil behavior type and SPT based on data from UBC-1983

# Geosoils Inc.

| | | | | | |
|---|---|---|---|---|---|
| Project | Santee Drive Inn Theatre | Operator | ML/DK | Filename | SDF(028).cpt |
| Job Number | 5574-A-SC | Cone Number | DSG1104 | GPS | |
| Hole Number | CPT-05-09 | Date and Time | 8/31/2009 11:51:13 AM | Maximum Depth | 57.09 ft |
| Water Table Depth | | 23.00 ft | | | |

Net Area Ratio .8




1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

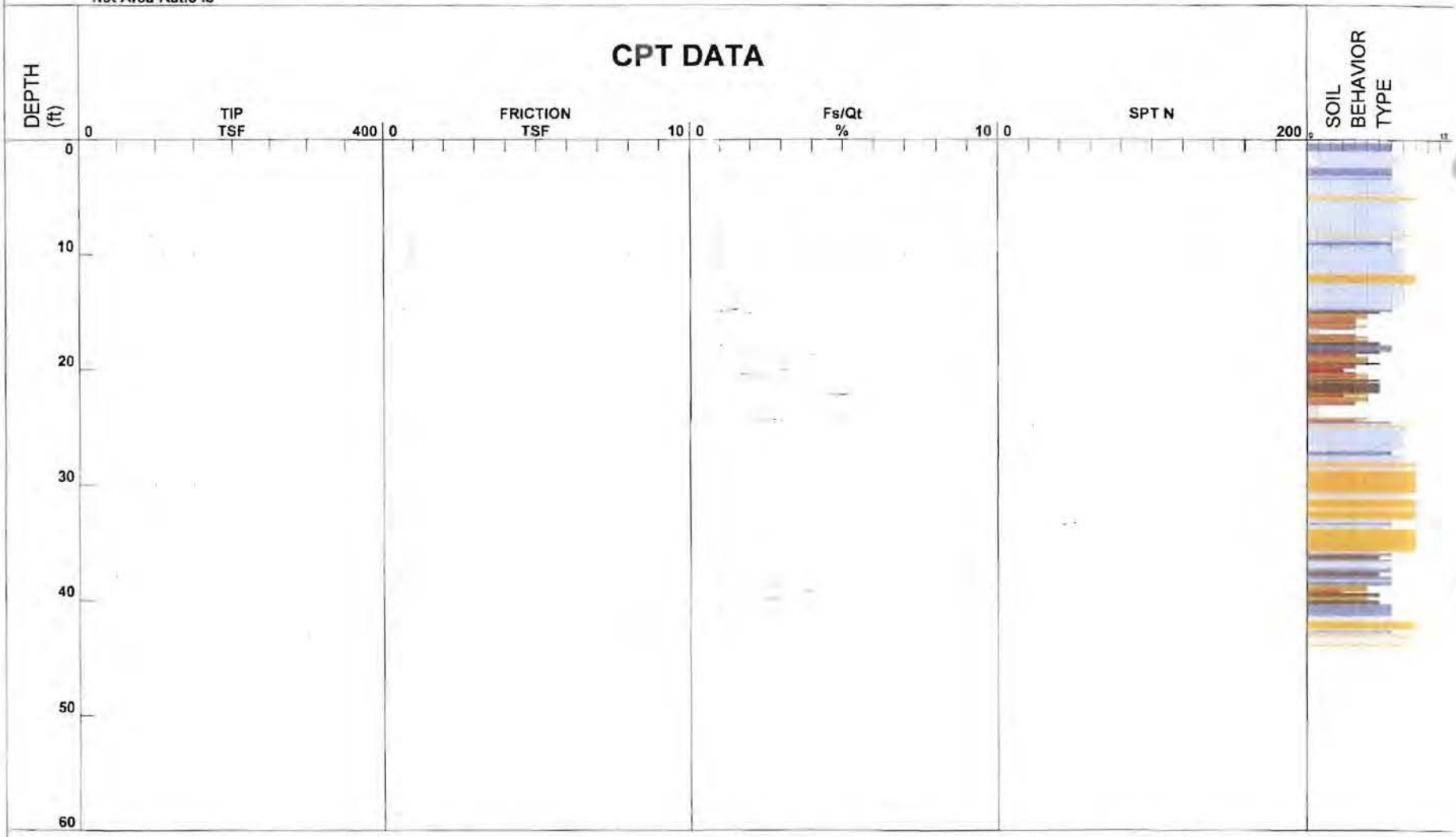
Cone Size 10cm squared

*Soil behavior type and SPT based on data from UBC-1983

# Geosoils Inc.

| | | | | | |
|---|---|---|---|---|---|
| Project | Santee Drive Inn Theatre | Operator | ML/DK | Filename | SDF(029).cpt |
| Job Number | 5574-A-SC | Cone Number | DSG1104 | GPS | |
| Hole Number | CPT-06-09 | Date and Time | 8/31/2009 12:43:03 PM | Maximum Depth | 44.13 ft |
| Water Table Depth | 23.00 ft | | | | |

Net Area Ratio .8




1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

Cone Size 10cm squared

*Soil behavior type and SPT based on data from UBC-1983

**Chicago Title Company**

725 South Figueroa Street, Suite 200, Los Angeles, CA 90017
Phone: (213) 488-4300 ● Fax: (213) 488-4377

Issuing Policies of Chicago Title Insurance Company

ORDER NO.: **00183801-021-JI5-1TW**

Chicago Title Company
725 South Figueroa Street, Suite 200
Los Angeles, CA 90017
ATTN: Joan Hawkins / Ina Ibrahim
Email: HawkinsUnit@ctt.com

Main Office Line: **(213) 488-4300**

Title Officer: Ted Tan/Jennifer Wright (LA/Comm)
Title Officer Phone: (213) 488-4331
Title Officer Fax: (213) 488-4360
Title Officer Email: TeamX77@ctt.com

PROPERTY: **10990 NORTH WOODSIDE AVENUE, SANTEE, CA**

## PRELIMINARY REPORT

*In response to the application for a policy of title insurance referenced herein,* ***Chicago Title Company*** *hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.*

*The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.*

*This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.*

*The policy(s) of title insurance to be issued hereunder will be policy(s) of Chicago Title Insurance Company, a Florida corporation.*

***Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.***

***It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.***

Chicago Title Company

By: _____
Authorized Signature

By: _____
Michael J. Nolan
President

ATTEST: _____
Marjorie Nemzura
Secretary

**Chicago Title Company**

725 South Figueroa Street, Suite 200, Los Angeles, CA 90017
Phone: (213) 488-4300 ● Fax: (213) 488-4377

# PRELIMINARY REPORT

**EFFECTIVE DATE:** **September 21, 2022 at 7:30 a.m.**

**ORDER NO.: 00183801-021-JI5-1TW**

The form of policy or policies of title insurance contemplated by this report is:

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

   **A Fee, as to Parcels 1, 2 and 6.**
   **Easement(s), as more fully described below, as to Parcels 3, 4 and 5.**

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

   **The Forte Family Limited Partnership, a California limited partnership, as to Parcels 1, 2, 3, 4 and 5;**

   **John E. Forte, Trustee under Declaration of Trust dated April 29, 1981, as to Parcel 6**

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

   **See Exhibit A attached hereto and made a part hereof.**

# EXHIBIT "A"

## LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1:

THAT PORTION OF THE RESUBDIVISION OF LOTS 1 TO 19, INCLUSIVE, OF STEVENS AND HARTLEY'S ALFALFA LANDS, IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1594, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, JULY 25, 1913, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWESTERLY CORNER OF SAID STEVENS AND HARTLEY'S ALFALFA LANDS; THENCE, ALONG THE BOUNDARY LINE OF SAID ALFALFA LANDS, NORTH 1° 27' EAST, 2020.90 FEET, TO A POINT IN THE SAN DIEGO RIVER BED; THENCE, ALONG SAID SAN DIEGO RIVER BED, NORTH 61° 51' EAST, 664.57 FEET, TO THE TRUE POINT OF BEGINNING; THENCE, SOUTH 1° 28' 30" WEST (RECORD SOUTH 1° 27' WEST), PARALLEL WITH THE WESTERLY BOUNDARY LINE OF SAID MAP NO. 1594, A DISTANCE OF 569.46 FEET, TO A POINT ON SAID PARALLEL LINE, DISTANT THEREON NORTH 1° 28' 30" EAST, 504.21 FEET, FROM THE NORTHWEST CORNER OF THE LAND CONVEYED TO L. A THOMSON, BY DEED RECORDED MAY 8, 1956, IN BOOK 6091, PAGE 111, OF OFFICIAL RECORDS; THENCE, SOUTH 88° 31' 30" EAST, 863.92 FEET; THENCE, SOUTH 1° 28' 30" WEST, 504.21 FEET, TO THE NORTHEAST CORNER OF SAID THOMSON LAND; THENCE, SOUTH 1° 28' 30" WEST, 123.75 FEET, TO A POINT IN THE NORTHWESTERLY LINE OF THE RIGHT OF WAY OF THE SAN DIEGO AND SOUTHEASTERN RAILROAD; THENCE, ALONG SAID NORTHWESTERLY LINE, NORTH 46° 51' EAST, TO A POINT IN A LINE WHICH IS PARALLEL WITH AND 75 FEET EASTERLY, MEASURED AT RIGHT ANGLES, FROM THE EASTERLY LINE OF SAID THOMSON LAND; THENCE, NORTH 1° 28' 30" EAST, ALONG SAID PARALLEL LINE AND THE NORTHERLY PROLONGATION THEREOF, TO A POINT IN A LINE WHICH IS PARALLEL WITH AND 604.21 FEET NORTHERLY, MEASURED AT RIGHT ANGLES, FROM THE NORTHERLY LINE OF SAID THOMSON LAND; THENCE, ALONG SAID PARALLEL LINE, NORTH 88° 31' 30" WEST, 138.92 FEET; THENCE, NORTH 1° 28' 30" EAST, TO A POINT IN THE SAN DIEGO RIVER BED, AS SHOWN ON SAID MAP NO. 1594; THENCE, ALONG SAID RIVER BED, SOUTH 66° 00' WEST, TO AN ANGLE POINT THEREIN; THENCE, NORTH 77° 41' WEST, 257 FEET; THENCE, SOUTH 87° 27' WEST, 390.80 FEET; THENCE, SOUTH 61° 51' WEST, 93.63 FEET, TO THE TRUE POINT OF BEGINNING.

EXCEPTING THE INTEREST OF THE STATE OF CALIFORNIA, AS CONVEYED BY DEED RECORDED JULY 13, 1962, AS DOCUMENT NO. 119481, OF OFFICIAL RECORDS.

ALSO EXCEPTING THEREFROM, THOSE PORTIONS OF STEVENS AND HARTLEY'S ALFALFA LANDS, IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1594, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, JULY 25, 1913, AND OF BLOCKS 1 AND 5 OF THE SUBDIVISION OF LOTS "H" AND "O" OF RANCHO EL CAJON, ACCORDING TO MAP THEREOF NO. 817, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, TOGETHER WITH THOSE PORTIONS OF THE WEST HALF OF MESA AVENUE, AS SHOWN ON SAID MAP NO. 1594 AND OF SAID MESA AVENUE LYING BETWEEN SAID BLOCKS 1 AND 5, AS VACATED AND CLOSED TO PUBLIC USE WHICH LIE WITHIN THE FOLLOWING DESCRIBED LAND:

BEGINNING AT THE NORTHWEST CORNER OF LOT 8 OF STEVENS AND HARTLEY'S ALFALFA LANDS, ACCORDING TO MAP THEREOF NO. 1348, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY; THENCE, SOUTH 88° 20' 40" EAST, 719.40 FEET, TO THE POINT OF INTERSECTION OF THE NORTHWESTERLY LINE OF LOT 10 OF SAID MAP NO. 1348, WITH THE NORTHERLY PROLONGATION OF THE EASTERLY LINE OF THE LAND DESCRIBED IN DEED TO JOHN FORTE, RECORDED JULY 18, 1962, AS DOCUMENT NO. 121864, OF OFFICIAL RECORDS OF SAN DIEGO COUNTY; THENCE, SOUTH 65° 54' 20" WEST (RECORD SOUTH 66° WEST), 91.22 FEET, TO THE NORTHEASTERLY CORNER OF LOT 9 OF SAID MAP NO. 1348; THENCE, NORTH 72° 46' 50" WEST

## EXHIBIT A
## (Continued)

(RECORD NORTH 72° 41' WEST), ALONG THE NORTHERLY LINE OF SAID LOT 9, TO SAID COURSE ABOVE DESIGNATED "SOUTH 88° 20' 40" EAST", BEING THE TRUE POINT OF BEGINNING; THENCE, CONTINUING NORTH 72° 46' 50" WEST, TO AN ANGLE POINT IN SAID LOT 9; THENCE, SOUTH 87° 21' 10" WEST, 390.79 FEET (RECORD SOUTH 87° 27' WEST, 390.80 FEET), TO SAID NORTHWEST CORNER OF LOT 8; THENCE, SOUTH 88° 20' 40" EAST, TO THE TRUE POINT OF BEGINNING.

PARCEL 2:

THAT PORTION OF BLOCKS 1 AND 5 OF THE SUBDIVISION OF LOTS "H" AND "O" OF RANCHO EL CAJON, ACCORDING TO MAP THEREOF NO. 817, IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, TOGETHER WITH THOSE PORTIONS OF MESA AVENUE LYING BETWEEN SAID BLOCKS 1 AND 5, AS VACATED AND CLOSED TO PUBLIC USE, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEASTERLY CORNER OF LOT 9 OF STEVENS AND HARTLEY'S ALFALFA LANDS, ACCORDING TO MAP THEREOF NO. 1348, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY; THENCE, ALONG THE NORTHERLY LINE OF LOT 10, ACCORDING TO SAID MAP, NORTH 66° 00' EAST, 91.22 FEET, TO THE NORTHERLY PROLONGATION OF THE EASTERLY LINE OF THE LAND DESCRIBED IN DEED TO JOHN FORTE, RECORDED JULY 18, 1962, AS DOCUMENT NO. 121864, OF OFFICIAL RECORDS OF SAN DIEGO COUNTY, BEING THE TRUE POINT OF BEGINNING; THENCE, ALONG THE NORTH LINE OF LAND DESCRIBED IN DEED TO JOHN FORTE, RECORDED MARCH 19, 1966, AS FILE NO. 49552, OF OFFICIAL RECORDS, TO AND ALONG THE SOUTH LINE OF LAND DESCRIBED IN DEED TO KONRAD S. LEAK, ET AL, RECORDED MARCH 19, 1966, AS FILE NO. 49553, OF OFFICIAL RECORDS, WESTERLY (RECORD NORTH 88° 20' 40" WEST), 719.40 FEET, TO THE NORTHWEST CORNER OF LOT 8, ACCORDING TO SAID MAP NO. 1348; THENCE, SOUTH 61° 51' WEST, ALONG THE NORTHWESTERLY LINE OF SAID LOT 7, A DISTANCE OF 93.63 FEET; THENCE, NORTH 1° 27' EAST, 85.80 FEET, MORE OR LESS, TO THE CENTER LINE OF SAID MESA AVENUE, BEING POINT "A"; THENCE, NORTH 86° 43' EAST, ALONG THE STRAIGHT LINE CONNECTING SAID POINT "A" WITH THE NORTHEASTERLY CORNER OF LOT 10, ACCORDING TO SAID MAP NO. 1348, A DISTANCE OF 803.49 FEET, MORE OR LESS, TO SAID NORTHERLY PROLONGATION OF THE EASTERLY LINE OF FORTE LAND FIRST MENTIONED; THENCE, ALONG SAID PROLONGATION, SOUTH 1° 28' 30" WEST, 109.64 FEET, MORE OR LESS, TO THE TRUE POINT OF BEGINNING.

PARCEL 3:

AN EASEMENT FOR ROAD PURPOSES AND FOR INGRESS AND EGRESS, OVER A STRIP OF LAND, 20 FEET WIDE, LOCATED ON A PARCEL OF LAND DESCRIBED AS FOLLOWS:

THOSE PORTIONS OF STEVENS AND HARTLEY'S ALFALFA LANDS, IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1594, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, AND OF BLOCKS 1 AND 5 OF THE SUBDIVISION OF LOTS "H" AND "O" OF RANCHO EL CAJON, ACCORDING TO MAP THEREOF NO. 817, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, TOGETHER WITH THOSE PORTIONS OF MESA AVENUE LYING BETWEEN SAID BLOCKS 1 AND 5, ACCORDING TO SAID MAP NO. 817, AS VACATED AND CLOSED TO PUBLIC USE, DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF THE CENTER LINE OF MESA AVENUE, AS SHOWN ON SAID MAP NO. 1594, WITH THE NORTHWESTERLY LINE OF THE LAND DESCRIBED IN DEED TO THE STATE OF CALIFORNIA, RECORDED JULY 13, 1962, AS DOCUMENT NO. 119481, OF OFFICIAL RECORDS OF SAN DIEGO COUNTY; THENCE, ALONG SAID NORTHWESTERLY LINE (DEED SOUTH 46° 44' 04" WEST), 366.86 FEET; THENCE, PARALLEL WITH SAID CENTER LINE, NORTH 1° 20' 02" EAST, 810.90 FEET, TO THE TRUE POINT OF BEGINNING; THENCE, SOUTH 88° 39' 58" EAST, 60.00 FEET; THENCE, NORTH 1° 20' 02" EAST, TO THE NORTHERLY LINE OF LOT 11 OF STEVENS AND HARTLEY'S ALFALFA

## EXHIBIT A
## (Continued)

LANDS, ACCORDING TO MAP THEREOF NO. 1348, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, STATE OF CALIFORNIA; THENCE, NORTH 1° 20' 02" EAST, TO THE NORTHWESTERLY LINE OF PARCEL 4 OF THE LAND DESCRIBED IN DEED TO L. D. ALLEN, RECORDED SEPTEMBER 26, 1956, IN BOOK 6274, PAGE 505, OF OFFICIAL RECORDS; THENCE, ALONG THE NORTHWESTERLY LINE OF SAID LAND, SOUTH 56° 31' WEST, TO THE NORTHEAST CORNER OF LOT 10, ACCORDING TO SAID MAP NO. 1348; THENCE, SOUTH 86° 43' WEST, TO THE NORTHERLY PROLONGATION OF THE EASTERLY LINE OF THE LAND DESCRIBED IN DEED TO JOHN FORTE, RECORDED JULY 18, 1962, AS DOCUMENT NO. 121864, OF OFFICIAL RECORDS OF SAN DIEGO COUNTY; THENCE, ALONG SAID PROLONGATION, SOUTH 1° 28' 30" WEST, 109.64 FEET, MORE OR LESS, TO THE NORTHWEST LINE OF SAID LOT 1; THENCE, SOUTH 88° 39' 58" EAST, TO THE WESTERLY LINE OF A 60 FOOT EASEMENT DESCRIBED IN PARCEL 2 OF DEED TO SOUTHLAND SAVINGS AND LOAN ASSOCIATION OF CHULA VISTA, RECORDED SEPTEMBER 30, 1966, AS FILE NO. 158140, OF OFFICIAL RECORDS; THENCE, ALONG SAID WESTERLY LINE, NORTH 1° 20' 02" EAST, TO THE TRUE POINT OF BEGINNING, SAID 20 FOOT STRIP BEINGS IN THE EASTERLY LINE OF PARCEL 1 DESCRIBED ABOVE AND RUNS IN AN EASTERLY DIRECTION TO THE WESTERLY LINE OF A 60 FOOT EASEMENT DESCRIBED IN PARCEL 2 OF DEED TO SOUTHLAND SAVINGS AND LOAN ASSOCIATION OF CHULA VISTA, RECORDED SEPTEMBER 30, 1966, AS FILE NO. 158140, OF OFFICIAL RECORDS.

PARCEL 4:

AN EASEMENT AND RIGHT OF WAY FOR ROAD, SEWER, WATER, GAS, POWER AND TELEPHONE LINES AND APPURTENANCES OVER, UNDER, ALONG AND ACROSS THOSE PORTIONS OF STEVENS AND HARTLEY'S ALFALFA LANDS, IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1594, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY AND OF BLOCKS 1 AND 5 OF THE SUBDIVISION OF LOTS "H" AND "O" OF RANCHO EL CAJON, ACCORDING TO MAP THEREOF NO. 817, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, TOGETHER WITH A PORTION OF MESA AVENUE LYING BETWEEN SAID BLOCKS 1 AND 5, AS VACATED AND CLOSED TO PUBLIC USE, DESCRIBED AS FOLLOWS:

A 60 FOOT STRIP OF LAND, THE WESTERLY LINE OF SAID STRIP BEING DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF THE CENTER LINE OF MESA AVENUE, AS SHOWN ON SAID MAP NO. 1594, WITH THE NORTHWESTERLY LINE OF THE LAND DESCRIBED IN DEED TO THE STATE OF CALIFORNIA, RECORDED JULY 13, 1962, AS DOCUMENT NO. 119481, OF OFFICIAL RECORDS OF SAN DIEGO COUNTY; THENCE, ALONG SAID NORTHWESTERLY LINE (DEED SOUTH 46° 44' 04" WEST), 366.86 FEET, TO THE TRUE POINT OF BEGINNING; THENCE, PARALLEL WITH SAID CENTER LINE, NORTH 1° 20' 02" EAST, 810.90 FEET.

SAID STRIP TO TERMINATE ON THE SOUTH IN SAID NORTHWESTERLY LINE OF SAID STATE OF CALIFORNIA LAND.

PARCEL 5:

AN EASEMENT AND RIGHT OF WAY FOR ROAD AND UTILITY PURPOSES OVER, UNDER, ALONG AND ACROSS A STRIP OF LAND, 20 FEET IN WIDTH, LYING WITHIN THOSE PORTIONS OF STEVENS AND HARTLEY'S ALFALFA LANDS, IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1594, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY AND OF BLOCKS 1 AND 5 OF THE SUBDIVISION OF LOTS "H" AND "O" OF RANCHO EL CAJON, ACCORDING TO MAP THEREOF NO. 817, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, TOGETHER WITH THOSE PORTIONS OF THE WEST HALF OF MESA AVENUE, AS SHOWN ON SAID MAP NO. 1594 AND OF SAID MESA AVENUE LYING BETWEEN SAID BLOCKS 1 AND 5, AS VACATED AND CLOSED TO PUBLIC USE, THE CENTER LINE OF SAID EASEMENT BEING DESCRIBED AS FOLLOWS:

## EXHIBIT A
## (Continued)

BEGINNING AT THE NORTHWEST CORNER OF LOT 8 OF STEVENS AND HARTLEY'S ALFALFA LANDS, ACCORDING TO MAP THEREOF NO. 1348, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY; THENCE, SOUTH 88° 20' 40" EAST, 719.40 FEET, TO THE POINT OF INTERSECTION OF THE NORTHWESTERLY LINE OF LOT 10 OF SAID MAP NO. 1348, WITH THE NORTHERLY PROLONGATION OF THE EASTERLY LINE OF THE LAND DESCRIBED IN DEED TO JOHN FORTE, RECORDED JULY 18, 1962, AS DOCUMENT NO. 121864, OF OFFICIAL RECORDS OF SAN DIEGO COUNTY.

EXCEPTING THOSE PORTIONS LYING WITHIN PARCEL 2, DESCRIBED ABOVE.

PARCEL 6:

PORTIONS OF STEVENS AND HARTLEY'S ALFALFA LANDS, IN THE CITY OF SANTEE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1594, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, JULY 25, 1913, AND OF BLOCKS 1 AND 5 OF THE SUBDIVISION OF LOTS "H" AND "O" OF RANCHO EL CAJON, ACCORDING TO MAP THEREOF NO. 817, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, TOGETHER WITH THOSE PORTIONS OF THE WEST HALF OF MESA AVENUE, AS SHOWN ON SAID MAP NO. 1594 AND OF SAID MESA AVENUE LYING BETWEEN SAID BLOCKS 1 AND 5, AS VACATED AND CLOSED TO PUBLIC USE WHICH LIE WITHIN THE FOLLOWING DESCRIBED LAND:

BEGINNING AT THE NORTHWEST CORNER OF LOT 8 OF STEVENS AND HARTLEY'S ALFALFA LANDS, ACCORDING TO MAP THEREOF NO. 1348, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY; THENCE, SOUTH 88° 20' 40" EAST, 719.40 FEET, TO THE POINT OF INTERSECTION OF THE NORTHWESTERLY LINE OF LOT 10 OF SAID MAP NO. 1348, WITH THE NORTHERLY PROLONGATION OF THE EASTERLY LINE OF THE LAND DESCRIBED IN DEED TO JOHN FORTE, RECORDED JULY 18, 1962, AS DOCUMENT NO. 121864, OF OFFICIAL RECORDS OF SAN DIEGO COUNTY, BEING THE TRUE POINT OF BEGINNING; THENCE, SOUTH 65° 54' 20" WEST (RECORD SOUTH 66° WEST), 91.22 FEET, TO THE NORTHEASTERLY CORNER OF LOT 9 OF SAID MAP NO. 1348; THENCE, NORTH 72° 46' 50" WEST (RECORD NORTH 72° 41' WEST), ALONG THE NORTHERLY LINE OF SAID LOT 9, TO SAID COURSE ABOVE DESIGNATED "SOUTH 88° 20' 40" EAST"; THENCE, SOUTH 88° 20' 40" EAST, TO THE TRUE POINT OF BEGINNING.

APN: 381-070-52-00

# EXCEPTIONS

**AT THE DATE HEREOF, ITEMS TO BE CONSIDERED AND EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:**

A. Property taxes, including any personal property taxes and any assessments collected with taxes, are as follows:

| | |
|---|---|
| Tax Identification No.: | 381-070-52-00 |
| Fiscal Year: | 2022-2023 |
| 1st Installment: | $16,036.89, Unpaid (Delinquent after December 10) |
| Penalty: | $1,603.68 |
| 2nd Installment: | $16,036.89, Unpaid (Delinquent after April 10) |
| Penalty and Cost: | $1,613.68 |
| Code Area: | 16044 |

B. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A or as a result of changes in ownership or new construction occurring prior to Date of Policy.

1. Water rights, claims or title to water, whether or not disclosed by the public records.

2. Easements for ingress and egress, pipelines, drainage and/or public utilities and incidental purposes thereto over, under, along and across the easement parcel(s) herein described as granted and/or reserved in various deeds of record.

   Affects: Parcels 3, 4 and 5

3. The rights reserved in the deed from H. D. Williamson and wife, to T. L. Barnes, recorded December 29, 1910, in Book 506, Page 353, Deeds, which are as follows:

   “Reserving to the Grantors, the right at any time to protect, if the Grantees, their heirs and successors do not sufficiently do so, from the encroachment of the San Diego River, to the right of way of said San Diego Cuyama Railway and to take from any part of said land, all earth, stones, brush and material necessary to property protect the wend thereof, from the encroachment of said river.”

   Note: By mesne conveyances of record, the interest of H. D. Williamson in the aforesaid rights, has since passed to and now vests in the County of San Diego, a public corporation.

4. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

| | |
|---|---|
| Granted to: | Walter H. Dupee |
| Purpose: | ditch |
| Recording Date: | May 6, 1913 |
| Recording No: | in Book 609, Page 278, Deeds |
| Affects: | as described therein |

   Note: By mesne conveyances of record, the interest of Walter H. Dupee in the aforesaid ditch, has since passed to and now vests in the County of San Diego.

## EXCEPTIONS
## (Continued)

5. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

| | |
|---|---|
| Granted to: | San Diego Consolidated Gas & Electric Company, a corporation |
| Purpose: | public utilities, ingress and egress |
| Recording Date: | January 14, 1918 |
| Recording No: | in Book 748, Page 161, Deeds |
| Affects: | as described therein |

6. Matters contained in that certain document

| | |
|---|---|
| Entitled: | Agreement |
| Dated: | April 28, 1922 |
| Executed by: | Union Trust Company of San Diego, a corporation and F. W. Holsapple, Emma A. Holsapple and Gilchrist Estate Company, a corporation |
| Recording Date: | May 27, 1922 |
| Recording No: | in Book 890, Page 253, Deeds |

Reference is hereby made to said document for full particulars.

7. The right of the owners of the property herein described, to divert certain amounts of water from the San Diego River for beneficial use upon their lands, subject however, to the prior rights of the City of San Diego, a municipal corporation and La Mesa, Lemon Grove and Spring Valley Irrigation District, to the use of the waters of said San Diego River, as decreed in that certain Judgment, rendered August 16, 1938, in an action of the Superior Court of San Diego County, California, entitled, “Phillip P. Martin, et al, Plaintiffs vs. The City of San Diego, a municipal corporation, et al, Defendants, Case No. 85300.”

8. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

| | |
|---|---|
| Purpose: | roadway |
| Recording Date: | March 5, 1951 |
| Recording No: | in Book 3999, Page 111, Official Records |
| Affects: | as described therein |

9. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

| | |
|---|---|
| Granted to: | San Diego Gas & Electric Company, a corporation |
| Purpose: | line of pipe |
| Recording Date: | April 27, 1964 |
| Recording No: | as Instrument No. 75573, Official Records |
| Affects: | as described therein |

10. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

| | |
|---|---|
| Granted to: | Konrad S. Leak and Laura A. Leak, James H. Stratton, Richard A. Miller, Scott G. Miller and John Forte |
| Purpose: | road and utility |
| Recording Date: | March 19, 1965 |
| Recording No: | as Instrument No. 49554, Official Records |
| Affects: | as described therein |

## EXCEPTIONS
## (Continued)

11. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

| | |
|---|---|
| Granted to: | San Diego Gas & Electric Company, a corporation |
| Purpose: | line of poles with wires |
| Recording Date: | August 31, 1962 |
| Recording No: | as Instrument No. 151610, Official Records |
| Affects: | as described therein |

12. An instrument entitled Declaration of Covenants for Street Improvements

| | |
|---|---|
| Executed by: | John Forte |
| In favor of: | County of San Diego |
| Recording Date: | August 23, 1976 |
| Recording No: | as Instrument No. 76-273554, Official Records |

Reference is hereby made to said document for full particulars.

This covenant and agreement provides that it shall be binding upon any future owners, encumbrancers, their successors or assigns, and shall continue in effect until the advisory agency approves termination.

13. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters shown on

| | |
|---|---|
| Map: | Record of Survey |
| Recording Date: | August 25, 1988 |
| Recording No: | Map No. 11770 |

14. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters shown on

| | |
|---|---|
| Map: | Record of Survey |
| Recording Date: | June 1, 1989 |
| Recording No: | Map No. 12197 |

15. Matters contained in that certain document

| | |
|---|---|
| Entitled: | Boundary Agreement and Grant of Revocable License to Encroach |
| Dated: | January 8, 1992 |
| Executed by: | John Forte, Santee Drive-In Theatre, Inc. and Revel Family Trust |
| Recording Date: | February 14, 1992 |
| Recording No: | as Instrument No. 1992-0084989, Official Records |

Reference is hereby made to said document for full particulars.

16. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

| | |
|---|---|
| Entitled: | Boundary Agreement and Grant of Revocable License to Encroach |
| Lessor: | John Forte |
| Lessee: | Santee Drive-In Threatre, Inc. |
| Recording Date: | February 14, 1992 |
| Recording No: | as Instrument No. 1992-0084989, Official Records |

## EXCEPTIONS
## (Continued)

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

17. The Land described herein is included within a project area of the Redevelopment Agency shown below, and that proceedings for the redevelopment of said project have been instituted under the Redevelopment Law (such redevelopment to proceed only after the adoption of the Redevelopment Plan) as disclosed by a document.

| | |
|---|---|
| Redevelopment Agency: | The City of Santee Community Development Commission |
| Recording Date: | September 18, 2007 |
| Recording No: | as Instrument No. 2007-0611268, Official Records |

18. Please be advised that our search did not disclose any open Deeds of Trust of record. If you should have knowledge of any outstanding obligation, please contact the Title Department immediately for further review prior to closing.

19. Any invalidity or defect in the title of the vestees in the event that the trust referred to herein is invalid or fails to grant sufficient powers to the trustee(s) or in the event there is a lack of compliance with the terms and provisions of the trust instrument.

    If title is to be insured in the trustee(s) of a trust, (or if their act is to be insured), this Company will require a Trust Certification pursuant to California Probate Code Section 18100.5.

    The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

20. Any easements not disclosed by the public records as to matters affecting title to real property, whether or not said easements are visible and apparent.

21. Matters which may be disclosed by an inspection and/or by a correct ALTA/NSPS Land Title Survey of said Land that is satisfactory to the Company, and/or by inquiry of the parties in possession thereof.

22. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.

    The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.

    The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

**PLEASE REFER TO THE "INFORMATIONAL NOTES" AND "REQUIREMENTS" SECTIONS WHICH FOLLOW FOR INFORMATION NECESSARY TO COMPLETE THIS TRANSACTION.**

**END OF EXCEPTIONS**

# REQUIREMENTS SECTION

1. Unrecorded matters which may be disclosed by an Owner's Affidavit or Declaration. A form of the Owner's Affidavit/Declaration is attached to this Preliminary Report/Commitment. This Affidavit/Declaration is to be completed by the record owner of the land and submitted for review prior to the closing of this transaction. Your prompt attention to this requirement will help avoid delays in the closing of this transaction. Thank you.

   The Company reserves the right to add additional items or make further requirements after review of the requested Affidavit/Declaration.

2. In order to complete this report, the Company requires a Statement of Information to be completed by the following party(s),

   Party(s): All Parties

   The Company reserves the right to add additional items or make further requirements after review of the requested Statement of Information.

   NOTE: The Statement of Information is necessary to complete the search and examination of title under this order. Any title search includes matters that are indexed by name only, and having a completed Statement of Information assists the Company in the elimination of certain matters which appear to involve the parties but in fact affect another party with the same or similar name. Be assured that the Statement of Information is essential and will be kept strictly confidential to this file.

3. The Company will require either (a) a complete copy of the trust agreement and any amendments thereto certified by the trustee(s) to be a true and complete copy with respect to the hereinafter named trust, or (b) a Certification, pursuant to California Probate Code Section 18100.5, executed by all of the current trustee(s) of the hereinafter named trust, a form of which is attached.

   Name of Trust: John E. Forte Declaration of Trust dated April 29, 1981

4. Before issuing its policy of title insurance, the Company will require the following for the below-named limited partnership:

   Name: The Forte Family Limited Partnership, a California limited partnership

   Certificate of Limited Partnership filed with the Secretary of State, in compliance with the provisions of the California Revised Limited Partnership Act, Section 15611 et. seq., Corporations Code.
   Certified Copy of the Certificate of Limited Partnership certified by the Secretary of State filed with the County Recorder.

   The Company reserves the right to add additional items or make further requirements after review of the requested documentation

**END OF REQUIREMENTS**

# INFORMATIONAL NOTES SECTION

1. None of the items shown in this report will cause the Company to decline to attach ALTA Endorsement Form 9 to an Extended Coverage Loan Policy, when issued.

2. The Company is not aware of any matters which would cause it to decline to attach CLTA Endorsement Form 116 indicating that there is located on said Land, a Commercial property, known as 10990 North Woodside Avenue, located within the City of Santee, California, to an Extended Coverage Loan Policy.

3. Note: The policy of title insurance will include an arbitration provision. The Company or the insured may demand arbitration. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. Please ask your escrow or title officer for a sample copy of the policy to be issued if you wish to review the arbitration provisions and any other provisions pertaining to your Title Insurance coverage.

4. Notice: Please be aware that due to the conflict between federal and state laws concerning the cultivation, distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.

5. Pursuant to Government Code Section 27388.1, as amended and effective as of 1-1-2018, a Documentary Transfer Tax (DTT) Affidavit may be required to be completed and submitted with each document when DTT is being paid or when an exemption is being claimed from paying the tax. If a governmental agency is a party to the document, the form will not be required. DTT Affidavits may be available at a Tax Assessor-County Clerk-Recorder.

6. The following Exclusion(s) are added to preliminary reports, commitments and will be included as an endorsement in the following policies:

   A. 2006 ALTA Owner's Policy (06-17-06).

      6. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

   B. 2006 ALTA Loan Policy (06-17-06).

      8. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

      9. Any claim of invalidity, unenforceability, or lack of priority of the lien of the Insured Mortgage based on the application of a Tribe's law resulting from the failure of the Insured Mortgage to specify State law as the governing law with respect to the lien of the Insured Mortgage.

   C. ALTA Homeowner's Policy of Title Insurance (12-02-13) and CLTA Homeowner's Policy of Title Insurance (12-02-13).

      10. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

   D. ALTA Expanded Coverage Residential Loan Policy - Assessments Priority (04-02-15).

      12. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

      13. Any claim of invalidity, unenforceability, or lack of priority of the lien of the Insured Mortgage based on the application of a Tribe's law resulting from the failure of the Insured Mortgage to specify State law as the governing law with respect to the lien of the Insured Mortgage.

## INFORMATIONAL NOTES
## (Continued)

E. CLTA Standard Coverage Policy 1990 (11-09-18).

7. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the public records but that would be disclosed by an examination of any records maintained by or on behalf of a tribe or on behalf of its members.

8. Any claim of invalidity, unenforceability, or lack of priority of the lien of the insured mortgage based on the application of a tribe's law resulting from the failure of the insured mortgage to specify state law as the governing law with respect to the lien of the insured mortgage.

7. Note: There are NO conveyances affecting said Land recorded within 24 months of the date of this report.

**END OF INFORMATIONAL NOTES**

Ted Tan/Jennifer Wright (LA/Comm)/wa

WIRESAFE™ | Inquire before you wire!

# Wire Fraud Alert

This Notice is not intended to provide legal or professional advice. If you have any questions, please consult with a lawyer.

All parties to a real estate transaction are targets for wire fraud and many have lost hundreds of thousands of dollars because they simply relied on the wire instructions received via email, without further verification. **If funds are to be wired in conjunction with this real estate transaction, we strongly recommend verbal verification of wire instructions through a known, trusted phone number prior to sending funds.**

In addition, the following non-exclusive self-protection strategies are recommended to minimize exposure to possible wire fraud.

- **NEVER RELY** on emails purporting to change wire instructions. Parties to a transaction rarely change wire instructions in the course of a transaction.
- **ALWAYS VERIFY** wire instructions, specifically the ABA routing number and account number, by calling the party who sent the instructions to you. DO NOT use the phone number provided in the email containing the instructions, use phone numbers you have called before or can otherwise verify. **Obtain the phone number of relevant parties to the transaction as soon as an escrow account is opened**. DO NOT send an email to verify as the email address may be incorrect or the email may be intercepted by the fraudster.
- **USE COMPLEX EMAIL PASSWORDS** that employ a combination of mixed case, numbers, and symbols. Make your passwords greater than eight (8) characters. Also, change your password often and do NOT reuse the same password for other online accounts.
- **USE MULTI-FACTOR AUTHENTICATION** for email accounts. Your email provider or IT staff may have specific instructions on how to implement this feature.

For more information on wire-fraud scams or to report an incident, please refer to the following links:

***Federal Bureau of Investigation:***
***http://www.fbi.gov***

***Internet Crime Complaint Center:***
***http://www.ic3.gov***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**Chicago Title Company**

725 South Figueroa Street, Suite 200, Los Angeles, CA 90017
Phone: (213) 488-4300 ● Fax: (213) 488-4377

# Notice of Available Discounts

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer's right to be charged the filed rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for such discount. These discounts only apply to transactions involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

Not all discounts are offered by every FNF Company. The discount will only be applicable to the FNF Company as indicated by the named discount.

| **FNF Underwritten Title Company** | **Underwritten by FNF Underwriters** |
|---|---|
| CTC – Chicago Title company | CTIC – Chicago Title Insurance Company |
| CLTC – Commonwealth Land Title Company | CLTIC - Commonwealth Land Title Insurance Company |
| FNTC – Fidelity National Title Company of California | FNTIC – Fidelity National Title Insurance Company |
| FNTCCA - Fidelity National Title Company of California | FNTIC - Fidelity National Title Insurance Company |
| TICOR – Ticor Title Company of California | CTIC – Chicago Title Insurance Company |
| LTC – Lawyer's Title Company | CLTIC – Commonwealth Land Title Insurance Company |
| SLTC – ServiceLink Title Company | CTIC – Chicago Title Insurance Company |

## Available Discounts

**DISASTER LOANS (CTIC, CLTIC, FNTIC)**
The charge for a Lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within twenty-four (24) months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be fifty percent (50%) of the appropriate title insurance rate.

**CHURCHES OR CHARITABLE NON-PROFIT ORGANIZATIONS (CTIC, FNTIC)**
On properties used as a church or for charitable purposes within the scope of the normal activities of such entities, provided said charge is normally the church's obligation the charge for an owner's policy shall be fifty percent (50%) to seventy percent (70%) of the appropriate title insurance rate, depending on the type of coverage selected. The charge for a lender's policy shall be forty (40%) to fifty percent (50%) of the appropriate title insurance rate, depending on the type of coverage selected.

# FIDELITY NATIONAL FINANCIAL, INC.
# PRIVACY NOTICE

Effective August 1, 2021

Fidelity National Financial, Inc. and its majority-owned subsidiary companies (collectively, "FNF," "our," or "we") respect and are committed to protecting your privacy. This Privacy Notice explains how we collect, use, and protect personal information, when and to whom we disclose such information, and the choices you have about the use and disclosure of that information.

A limited number of FNF subsidiaries have their own privacy notices. If a subsidiary has its own privacy notice, the privacy notice will be available on the subsidiary's website and this Privacy Notice does not apply.

## Collection of Personal Information

FNF may collect the following categories of Personal Information:

- contact information (*e.g.*, name, address, phone number, email address);
- demographic information (*e.g.*, date of birth, gender, marital status);
- identity information (*e.g.* Social Security Number, driver's license, passport, or other government ID number);
- financial account information (*e.g.* loan or bank account information); and
- other personal information necessary to provide products or services to you.

We may collect Personal Information about you from:

- information we receive from you or your agent;
- information about your transactions with FNF, our affiliates, or others; and
- information we receive from consumer reporting agencies and/or governmental entities, either directly from these entities or through others.

## Collection of Browsing Information

FNF automatically collects the following types of Browsing Information when you access an FNF website, online service, or application (each an "FNF Website") from your Internet browser, computer, and/or device:

- Internet Protocol (IP) address and operating system;
- browser version, language, and type;
- domain name system requests; and
- browsing history on the FNF Website, such as date and time of your visit to the FNF Website and visits to the pages within the FNF Website.

Like most websites, our servers automatically log each visitor to the FNF Website and may collect the Browsing Information described above. We use Browsing Information for system administration, troubleshooting, fraud investigation, and to improve our websites. Browsing Information generally does not reveal anything personal about you, though if you have created a user account for an FNF Website and are logged into that account, the FNF Website may be able to link certain browsing activity to your user account.

## Other Online Specifics

Cookies. When you visit an FNF Website, a "cookie" may be sent to your computer. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer's hard drive. Information gathered using cookies helps us improve your user experience. For example, a cookie can help the website load properly or can customize the display page based on your browser type and user preferences. You can choose whether or not to accept cookies by changing your Internet browser settings. Be aware that doing so may impair or limit some functionality of the FNF Website.

Web Beacons. We use web beacons to determine when and how many times a page has been viewed. This information is used to improve our websites.

Do Not Track. Currently our FNF Websites do not respond to "Do Not Track" features enabled through your browser.

Links to Other Sites. FNF Websites may contain links to unaffiliated third-party websites. FNF is not responsible for the privacy practices or content of those websites. We recommend that you read the privacy policy of every website you visit.

## Use of Personal Information

FNF uses Personal Information for three main purposes:

- To provide products and services to you or in connection with a transaction involving you.
- To improve our products and services.
- To communicate with you about our, our affiliates', and others' products and services, jointly or independently.

## When Information Is Disclosed

We may disclose your Personal Information and Browsing Information in the following circumstances:

- to enable us to detect or prevent criminal activity, fraud, material misrepresentation, or nondisclosure;
- to nonaffiliated service providers who provide or perform services or functions on our behalf and who agree to use the information only to provide such services or functions;


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- to nonaffiliated third party service providers with whom we perform joint marketing, pursuant to an agreement with them to jointly market financial products or services to you;
- to law enforcement or authorities in connection with an investigation, or in response to a subpoena or court order; or
- in the good-faith belief that such disclosure is necessary to comply with legal process or applicable laws, or to protect the rights, property, or safety of FNF, its customers, or the public.

The law does not require your prior authorization and does not allow you to restrict the disclosures described above. Additionally, we may disclose your information to third parties for whom you have given us authorization or consent to make such disclosure. We do not otherwise share your Personal Information or Browsing Information with nonaffiliated third parties, except as required or permitted by law. We may share your Personal Information with affiliates (other companies owned by FNF) to directly market to you. Please see "Choices with Your Information" to learn how to restrict that sharing.

We reserve the right to transfer your Personal Information, Browsing Information, and any other information, in connection with the sale or other disposition of all or part of the FNF business and/or assets, or in the event of bankruptcy, reorganization, insolvency, receivership, or an assignment for the benefit of creditors. By submitting Personal Information and/or Browsing Information to FNF, you expressly agree and consent to the use and/or transfer of the foregoing information in connection with any of the above described proceedings.

**Security of Your Information**
We maintain physical, electronic, and procedural safeguards to protect your Personal Information.

**Choices With Your Information**
If you do not want FNF to share your information among our affiliates to directly market to you, you may send an "opt out" request as directed at the end of this Privacy Notice. We do not share your Personal Information with nonaffiliates for their use to direct market to you without your consent.

Whether you submit Personal Information or Browsing Information to FNF is entirely up to you. If you decide not to submit Personal Information or Browsing Information, FNF may not be able to provide certain services or products to you.

For California Residents: We will not share your Personal Information or Browsing Information with nonaffiliated third parties, except as permitted by California law. For additional information about your California privacy rights, please visit the "California Privacy" link on our website (https://fnf.com/pages/californiaprivacy.aspx) or call (888) 413-1748.

For Nevada Residents: You may be placed on our internal Do Not Call List by calling (888) 714-2710 or by contacting us via the information set forth at the end of this Privacy Notice. Nevada law requires that we also provide you with the following contact information: Bureau of Consumer Protection, Office of the Nevada Attorney General, 555 E. Washington St., Suite 3900, Las Vegas, NV 89101; Phone number: (702) 486-3132; email: BCPINFO@ag.state.nv.us.
For Oregon Residents: We will not share your Personal Information or Browsing Information with nonaffiliated third parties for marketing purposes, except after you have been informed by us of such sharing and had an opportunity to indicate that you do not want a disclosure made for marketing purposes.

For Vermont Residents: We will not disclose information about your creditworthiness to our affiliates and will not disclose your personal information, financial information, credit report, or health information to nonaffiliated third parties to market to you, other than as permitted by Vermont law, unless you authorize us to make those disclosures.

**Information From Children**
The FNF Websites are not intended or designed to attract persons under the age of eighteen (18).We do not collect Personal Information from any person that we know to be under the age of thirteen (13) without permission from a parent or guardian.

**International Users**
FNF's headquarters is located within the United States. If you reside outside the United States and choose to provide Personal Information or Browsing Information to us, please note that we may transfer that information outside of your country of residence. By providing FNF with your Personal Information and/or Browsing Information, you consent to our collection, transfer, and use of such information in accordance with this Privacy Notice.

**FNF Website Services for Mortgage Loans**
Certain FNF companies provide services to mortgage loan servicers, including hosting websites that collect customer information on behalf of mortgage loan servicers (the "Service Websites"). The Service Websites may contain links to both this Privacy Notice and the mortgage loan servicer or lender's privacy notice. The sections of this Privacy Notice titled When Information is Disclosed, Choices with Your Information, and Accessing and Correcting Information do not apply to the Service Websites. The mortgage loan servicer or lender's privacy notice governs use, disclosure, and access to your Personal Information. FNF does not share Personal Information collected through the Service Websites, except as required or authorized by contract with the mortgage loan servicer or lender, or as required by law or in the good-faith belief that such disclosure is necessary: to comply with a legal process or applicable law, to enforce this Privacy Notice, or to protect the rights, property, or safety of FNF or the public.


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**Your Consent To This Privacy Notice; Notice Changes**

By submitting Personal Information and/or Browsing Information to FNF, you consent to the collection and use of the information in accordance with this Privacy Notice. We may change this Privacy Notice at any time. The Privacy Notice's effective date will show the last date changes were made. If you provide information to us following any change of the Privacy Notice, that signifies your assent to and acceptance of the changes to the Privacy Notice.

**Accessing and Correcting Information; Contact Us**

If you have questions, would like to correct your Personal Information, or want to opt-out of information sharing for affiliate marketing, visit FNF's Opt Out Page or contact us by phone at (888) 714-2710 or by mail to:

Fidelity National Financial, Inc.
601 Riverside Avenue,
Jacksonville, Florida 32204
Attn: Chief Privacy Officer


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# ATTACHMENT ONE (Revised 05-06-16)

## CALIFORNIA LAND TITLE ASSOCIATION
## STANDARD COVERAGE POLICY – 1990

### EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

### EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
   Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

## CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)
## ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE

### EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;
   d. improvements on the Land;
   e. land division; and
   f. environmental protection.
   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;



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c. that result in no loss to You; or
d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.

5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

## LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

| | Your Deductible Amount | Our Maximum Dollar Limit of Liability |
|---|---|---|
| Covered Risk 16: | 1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less) | $ 10,000.00 |
| Covered Risk 18: | 1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less) | $ 25,000.00 |
| Covered Risk 19: | 1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less) | $ 25,000.00 |
| Covered Risk 21: | 1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less) | $ 5,000.00 |

## 2006 ALTA LOAN POLICY (06-17-06)

## EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13 or 14); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

## EXCEPTIONS FROM COVERAGE

{Except as provided in Schedule B - Part II,{ t{or T}his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:



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**{PART I**

{The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.}

**PART II**

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:}

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

**EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:
{The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that are not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records. }
7. {Variable exceptions such as taxes, easements, CC&R's, etc. shown here.}



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## ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY – ASSESSMENTS PRIORITY (04-02-15)

## EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.



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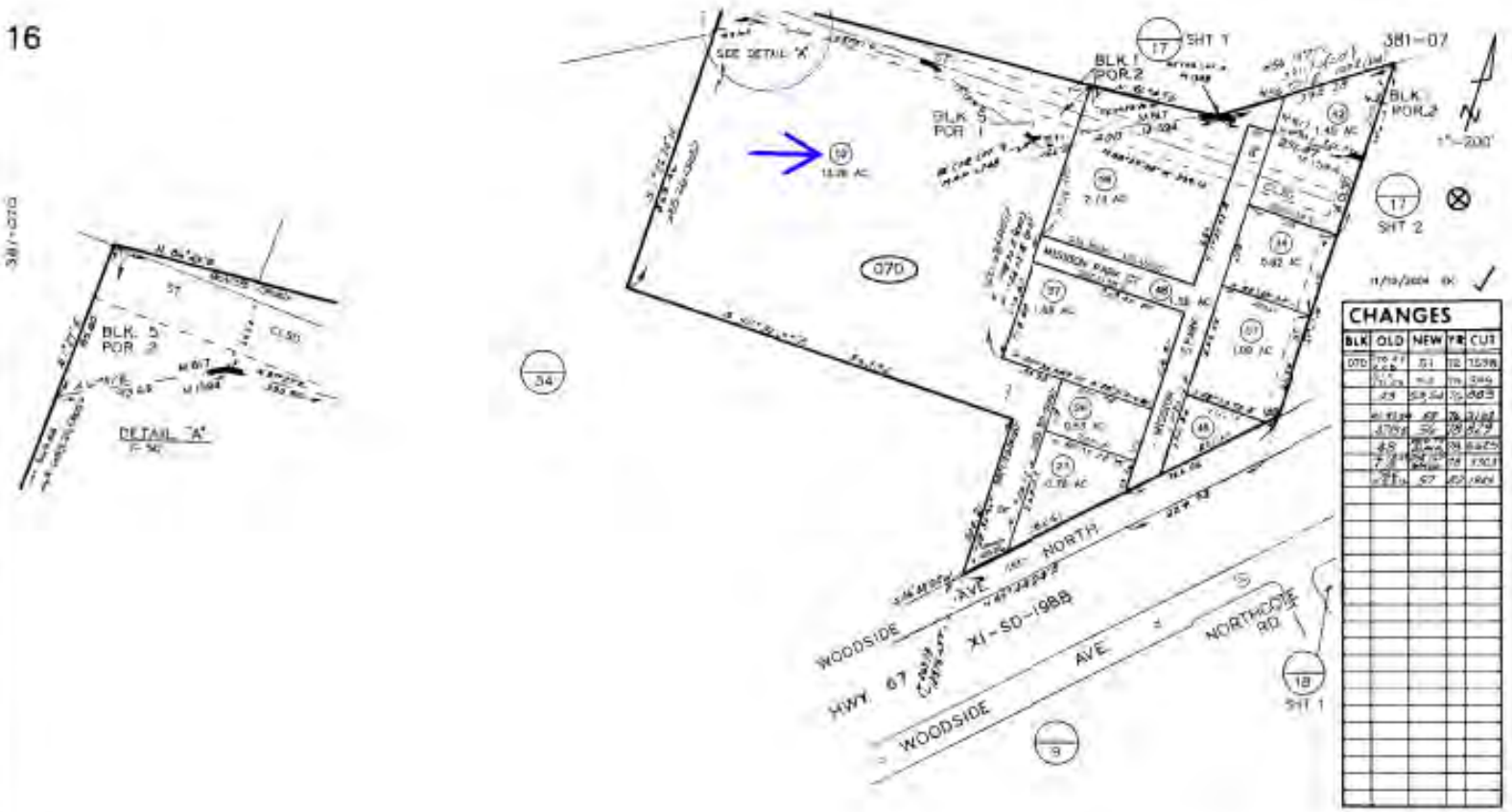


This map is a graphic representation of the lands described. Land rights and boundaries may be affected by easements, encroachments and other facts which a survey might disclose. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

SAN DIEGO COUNTY ASSESSOR'S MAP BOOK 381 PAGE 07

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES

MAP 1594 - STEVENS & HARTLEYS ALFALFA LANDS RESUB LOTS 1-19
MAP 817 - RANCHO EX. CAJON LOTS H & O
ROS 11770,12197,15381

# OWNER'S DECLARATION

Escrow No.: 00183801-021-JI5-1TW
Property Address: 10990 North Woodside Avenue
Santee, CA

The undersigned hereby declares as follows:

1. (Fill in the applicable paragraph and strike the other)

   a. Declarant ("Owner") is the owner or lessee, as the case may be, of certain premises located at 10990 North Woodside Avenue, Santee, CA, further described as follows: See Preliminary Report/Commitment No. 00183801-TW for full legal description (the "Land").

   b. Declarant is the _____ of _____ ("Owner"), which is the owner or lessee, as the case may be, of certain premises located at 10990 North Woodside Avenue, Santee, CA, further described as follows: See Preliminary Report/Commitment No. 00183801-TW for full legal description (the "Land").

2. (Fill in the applicable paragraph and strike the other)

   a. During the period of six months immediately preceding the date of this declaration no work has been done, no surveys or architectural or engineering plans have been prepared, and no materials have been furnished in connection with the erection, equipment, repair, protection or removal of any building or other structure on the Land or in connection with the improvement of the Land in any manner whatsoever.

   b. During the period of six months immediately preceding the date of this declaration certain work has been done and materials furnished in connection with _____ upon the Land in the approximate total sum of $_____, but no work whatever remains to be done and no materials remain to be furnished to complete the construction in full compliance with the plans and specifications, nor are there any unpaid bills incurred for labor and materials used in making such improvements or repairs upon the Land, or for the services of architects, surveyors or engineers, except as follows: _____. Owner, by the undersigned Declarant, agrees to and does hereby indemnify and hold harmless Chicago Title Company against any and all claims arising therefrom.

3. Owner has not previously conveyed the Land; is not a debtor in bankruptcy (and if a partnership, the general partner thereof is not a debtor in bankruptcy); and has not received notice of any pending court action affecting the title to the Land.

4. Except as shown in the above-referenced Preliminary Report/Commitment, there are no unpaid or unsatisfied mortgages, deeds of trust, Uniform Commercial Code financing statements, regular assessments, special assessments, periodic assessments or any assessment from any source, claims of lien, special assessments, or taxes that constitute a lien against the Land or that affect the Land but have not been recorded in the public records. There are no violations of the covenants, conditions and restrictions as shown in the above-referenced Preliminary Report/Commitment.

5. The Land is currently in use as _____; _____ occupy/occupies the Land; and the following are all of the leases or other occupancy rights affecting the Land:

   _____

6. There are no other persons or entities that assert an ownership interest in the Land, nor are there unrecorded easements, claims of easement, or boundary disputes that affect the Land.

7. There are no outstanding options to purchase or rights of first refusal affecting the Land.

8. Between the most recent Effective Date of the above-referenced Preliminary Report/Commitment and the date of recording of the Insured Instrument(s), Owner has not taken or allowed, and will not take or allow, any action or inaction to encumber or otherwise affect title to the Land.

This declaration is made with the intention that Chicago Title Company (the "Company") and its policy issuing agents will rely upon it in issuing their title insurance policies and endorsements. Owner, by the undersigned Declarant, agrees to indemnify the Company against loss or damage (including attorneys fees, expenses, and costs) incurred by the Company as a result of any untrue statement made herein.

I declare under penalty of perjury that the foregoing is true and correct and that this declaration was executed on _____ at _____.

Signature: _____

# STATEMENT OF INFORMATION

**CONFIDENTIAL INFORMATION STATEMENT TO BE USED IN CONNECTION WITH ORDER NO: 00183801-021-JI5-1TW**

*COMPLETION OF THIS FORM WILL EXPEDITE YOUR ORDER AND WILL HELP PROTECT YOU.*

**THE STREET ADDRESS of the property in this transaction is:**
IF NONE LEAVE BLANK

ADDRESS: CITY:

IMPROVEMENTS: ☐ SINGLE RESIDENCE ☐ MULTIPLE RESIDENCE ☐ COMMERCIAL
OCCUPIED BY: ☐ OWNER ☐ LESSEE ☐ TENANTS
ANY PORTION OF NEW LOAN FUNDS TO BE USED FOR CONSTRUCTION: ☐ YES ☐ NO

| **NAME** | | | **SPOUSES NAME** | | |
|---|---|---|---|---|---|
| FIRST | MIDDLE | LAST | FIRST | MIDDLE | LAST |
| BIRTHPLACE | | BIRTH DATE | BIRTHPLACE | | BIRTH DATE |
| I HAVE LIVED IN CALIFORNIA SINCE | | SOCIAL SECURITY NUMBER | I HAVE LIVED IN CALIFORNIA SINCE | | SOCIAL SECURITY NUMBER |
| DRIVER'S LICENSE NO. | | | DRIVER'S LICENSE NO. | | |

WIFE'S MAIDEN NAME:

WE WERE MARRIED ON AT

## RESIDENCE(S) FOR LAST 10 YEARS

| NUMBER AND STREET | CITY | FROM | TO |
|---|---|---|---|
| NUMBER AND STREET | CITY | FROM | TO |
| NUMBER AND STREET | CITY | FROM | TO |
| NUMBER AND STREET | CITY | FROM | TO |

## OCCUPATION(S) FOR LAST 10 YEARS

**HUSBAND**

| PRESENT OCCUPATION | FIRM NAME | ADDRESS | NO. OF YEARS |
|---|---|---|---|
| PRIOR OCCUPATION | FIRM NAME | ADDRESS | NO. OF YEARS |
| PRIOR OCCUPATION | FIRM NAME | ADDRESS | NO. OF YEARS |

**WIFE**

| PRESENT OCCUPATION | FIRM NAME | ADDRESS | NO. OF YEARS |
|---|---|---|---|
| PRIOR OCCUPATION | FIRM NAME | ADDRESS | NO. OF YEARS |
| PRIOR OCCUPATION | FIRM NAME | ADDRESS | NO. OF YEARS |

**FORMER MARRIAGES:** IF NO FORMER MARRIAGES, WRITE "NONE":

NAME OF FORMER SPOUSE

IF DECEASED: DATE WHERE

**CURRENT LOAN ON PROPERTY**

PAYMENTS ARE BEING MADE TO: 2.

1. 3.

HOMEOWNERS ASSOCIATION NUMBER:

DATE SIGNATURE

HOME PHONE BUSINESS PHONE

RECORDING REQUESTED BY
**Chicago Title Company**
WHEN RECORDED MAIL TO:
**=addressee=**

ORDER NO.: **00183801-021-JI5-1TW**

SPACE ABOVE THIS LINE FOR RECORDER'S USE

# CERTIFICATION OF TRUST
## California Probate Code Section 18100.5

The undersigned declare(s) under penalty of perjury under the laws of the State of California that the following is true and correct:

1. The Trust known as _____, executed on _____, is a valid and existing trust.

2. The name(s) of the settlor(s) of the Trust is (are): _____
_____

3. The name(s) of the currently acting trustee(s) is (are): _____
_____

4. The trustee(s) of the Trust have the following powers (initial applicable line(s)):
_____Power to acquire additional property.
_____Power to sell and execute deeds.
_____Power to encumber, and execute deeds of trust.
_____Other: _____

5. The Trust is (check one): _____ Revocable _____ Irrevocable

   The name of the person who may revoke the Trust is: _____

6. The number of trustees who must sign documents in order to exercise the powers of the Trust is (are): _____, whose name(s) is (are): _____

7. Title to Trust assets is to be taken as follows: _____

8. The Trust has not been revoked, modified or amended in any manner which would cause the representations contained herein to be incorrect.

9. I (we) am (are) all of the currently acting trustees.

10. I (we) understand that I (we) may be required to provide copies of excerpts from the original Trust documents which designate the trustees and confer the power to act in the pending transaction.

Dated: _____ _____

_____

(Acknowledgement must be attached)

## CERTIFICATE OF ACKNOWLEDGEMENT OF NOTARY PUBLIC

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF } SS:

On _____ before me,
_____,
Notary Public, personally appeared _____
who proved to me on the basis of satisfactory evidence to be the person(s)whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s)on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

## CERTIFICATE OF ACKNOWLEDGEMENT OF NOTARY PUBLIC

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF } SS:

On _____ before me,
_____,
Notary Public, personally appeared _____
who proved to me on the basis of satisfactory evidence to be the person(s)whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s)on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

# Appendix J-1
Preliminary Hydrology Study

# PRELIMINARY HYDROLOGY STUDY

**For:**

## PALISADE SANTEE BUSINESS CENTER

***Project Site Location/Address:***
**1099 N Woodside Avenue**
**Santee, CA 92071**

***Prepared For:***
**North Palisade Partners**
**1330 Factory Place STE 105**
**Los Angeles, CA 90013**

***Lead Agency:***
**City of Santee**
**10601 Magnolia Avenue**
**Santee, CA 92071**

***Prepared by:***
**DRC Engineering, Inc.**
**160 S. Old Springs Road, Suite 210**
**Anaheim, CA 92808**
**(714) 685-6860**
**Matthew Hellesen, P.E.**

**January 10, 2024**

Project No. 22-534

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- Project Description

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- Proposed Site Conditions
- City of Santee San Diego River 100-Year Flood Level
- Hydrologic Unit Contribution

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- Hydrology Software

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## SECTION 1.0 – PROJECT DESCRIPTION

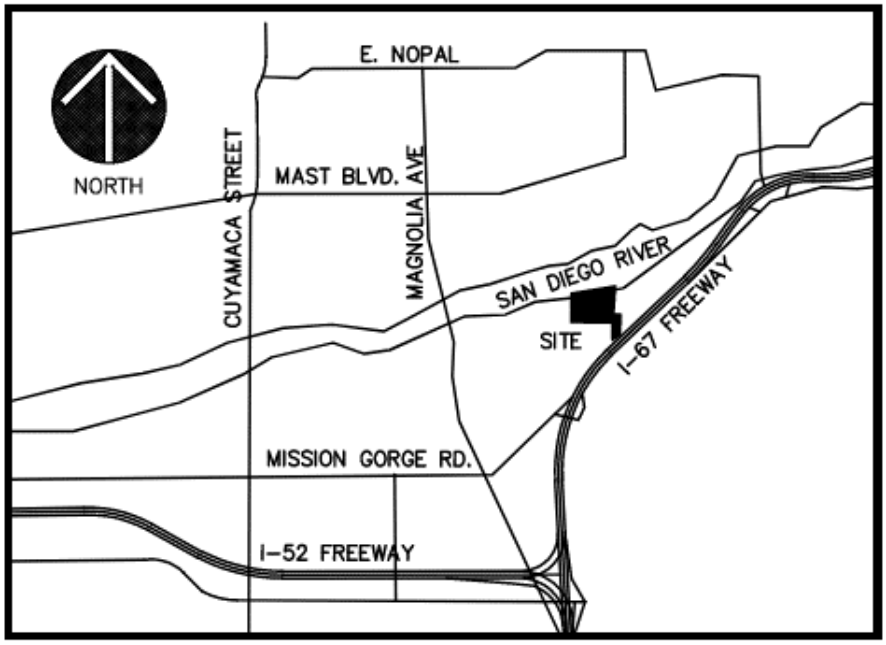
### *Purpose of Study*

The purpose of this study is to support the design and construction of a 300,145 square foot warehouse along with site improvements at 1099 N Woodside Avenue. The study will confirm post developed runoff does not exceed pre-developed peak flows and insure there will be no negative impacts to surrounding and downstream properties. The study will also discuss 100-year water surface elevations calculated for the neighboring San Diego River based on the "City of Santee Citywide Drainage Study" by BSI Consultants, Inc. written in 1990.

### *Project Description*

The project proposes to build a 300,145 square foot warehouse within the property featuring two loading docks to the north and south. The overall footprint of the property is 16.8 acres. The site will also feature associated parking stalls walkways, 2 trash enclosures, landscaping and on-site utilities including storm drain, water and sewer. Access to the site will follow the existing drive-in movie theater currently on the property and be from Woodside Avenue.

## SECTION 2.0 – VICINITY MAP




**VICINITY MAP**
NTS

## SECTION 3.0 – DESCRIPTION OF WATERSHED

### *Existing Site Conditions*

The existing site consists of a drive-in movie theater featuring a paved parking lot, two large viewing screens and a building in the center of the site that includes restrooms and a snack bar. The property is accessed from Woodside Avenue on the south and neighbors the San Diego River to the north. Drainage on the site is moderately flat sloping towards the northwest of the site into the San Diego River with no on-site storm drain. All water currently surface flows into the San Diego River

Approximately 3.5 acres of onsite run-on currently flows onto the site. An existing 24 inch culvert located under CA-67 Freeway outlets at the entrance of site off of Woodside Avenue. This culvert collects approximately 2.8 acres from the freeway as well as the southern portion of Woodside Drive. An additional 0.7 acres covering the northern portion of Woodside Ave collects in the curb and gutter from south of Wheatlands Ave and outlets at the existing entrance of the site.

See the Existing Hydrology Map in Attachment 2.

### *Proposed Site Conditions*

The proposed site will feature a 300,145 square foot warehouse along with associated parking stalls, walkways, 2 trash enclosures, landscaping and on-site utilities including storm drain, water and sewer. The site will generally match the existing drainage conditions. All onsite flows will be routed to an underground infiltration chamber that is sized based on County of San Diego LID requirements. High flows will bypass the infiltration system via a diversion manhole and will overflow into a proposed storm drain headwall structure. A rip-rap pad at the headwall outlet will provide energy dissipation and will prevent slope scour and erosion.

Offsite flows from the existing culvert and Woodside Avenue to the south will be accepted by a proposed 24” bypass storm drain and will outlet to the San Diego River via a headwall structure with rip-rap, matching existing drainage patterns. It should be noted that the bypass storm drain will not be connected to the underground infiltration chambers.

See the Proposed Hydrology Map in Attachment 2.

### *City of Santee Citywide Drainage Study San Diego River 100-Year Flood Level*

The City of Santee Citywide Drainage Study written by BSI consultants was used as the basis for reviewing 100-Year flood levels within the San Diego River relative to our site. HEC 2 runs were performed in July of 1992 using a City of Santee flow rate yielding water surface elevations within the 100 year floodway. The HEC 2 run yielded a 100 year city water surface elevation of 351.73.

### *Hydrologic Unit Contribution*

The project is located in the Lower San Diego Hydrologic Unit (907.1)

## SECTION 4.0 METHODOLOGY

### *Drainage System Overview*

The proposed drainage system for this project is designed to comply with the 2003 San Diego Hydrology Manual.

The system consists of a various sizes of HDPE pipe conveying stormwater to an underground infiltration chamber located to the north of the site. The infiltration chamber has been sized to infiltrate the design capture volume based on San Diego County LID requirements. The infiltration system is designed to fully retain the required design capture volume by filling the infiltration chambers. Stormwater in excess of the required design capture volume will bypass the infiltration system via a diversion manhole and will outlet to a headwall structure with rip-rap.

The infiltration chamber has a system volume of 26,891 cubic feet and consists of a total area of 6,233 sf. The infiltration chambers will pond to an elevation of 348.50 before stormwater outlets to the headwall structure via the diversion manhole.

An additional 24-inch HDPE pipe will accept flows from the existing 24-inch culvert located under CA-67 Freeway outlets at the entrance of site off of Woodside Avenue. The proposed storm drain has been designed to route stormwater to the north underneath the proposed site and outlet via a headwall structure with rip-rap. The full flow capacity of this pipe sloped at 0.5% is 20.79 cfs. See the Proposed Hydrology Map and Upstream Run-On Exhibit in Attachment 2.

The following sections detail the calculations performed and resulting compliance with the aforementioned design manuals.

### *Hydrology Software*

Advanced Engineering Software (AES) was utilized to model the 10 year, 50 year and 100 year hydrology for the site using the Rational Method set forth in the San Diego Hydrology Manual.

## SECTION 5.0 CALCULATIONS

### *Runoff Coefficient*

The proposed site was found to be within Hydrologic Soil Group ‘A’ based on the County of San Diego Hydrology Manual Soil Hydrologic Group Map as well as UC Davis NRCS Soil Web where it was labeled as being 85% Visalia soil type.

The “C” value for both the existing and proposed condition was selected to be 0.80 which represents an 85% impervious site with Soil Type ‘A’. This land use would be considered General Commercial which matches the proposed development type. The existing site features approximately 85% impervious surface consisting of a paved parking lot.

### *Rational Method*

Both existing and proposed conditions were ran using the Rational Method in AES to calculate the peak flows and time of concentrations seen with the 10 year, 50 year and 100 year storms. The results are below.

**Peak 10-Year Runoff**

| | Node No. | Time of Concentration (min.) | Runoff (cfs) |
|---|---|---|---|
| **Existing** | **101** | **4.35** | **63.78** |
| Proposed (Onsite) | 19 | 6.91 | 42.76 |
| Proposed (Run-On) | 11.5 | 8.24 | 13.24 |
| **Proposed (Total)** | **-** | **-** | **56.00** |
| | | Difference | - 7.78 cfs |

**Peak 50-Year Runoff**

| | Node No. | Time of Concentration (min.) | Runoff (cfs) |
|---|---|---|---|
| **Existing** | **101** | **4.35** | **85.04** |
| Proposed (Onsite) | 19 | 7.95 | 56.89 |
| Proposed (Run-On) | 11.5 | 6.79 | 17.65 |
| **Proposed (Total)** | **-** | **-** | **74.54** |
| | | Difference | - 10.50 cfs |

**Peak 100-Year Runoff**

| | Node No. | Time of Concentration (min.) | Runoff (cfs) |
|---|---|---|---|
| **Existing** | **101** | **4.35** | **92.12** |
| Proposed (Onsite) | 19 | 7.87 | 61.52 |
| Proposed (Run-On) | 11.5 | 6.99 | 19.13 |
| **Proposed (Total)** | **-** | **-** | **80.65** |
| | | Difference | - 11.47 cfs |

See Attachment 3 for calculations.

For site run-on, a maximum flow of 19.13 cfs will be seen in the 100-Year storm and be accepted by the on-site 24-inch storm drain that bypasses the infiltration system. With a full flow capacity of 20.79 cfs, the 24-inch storm drain is an acceptable size to handle the flows seen in the existing culvert. The calculation of full flow capacity using Manning's equation can be found in Attachment 3 following the rational method calculations.

### *100-Year Flood Analysis*

The limits of the floodway elevation of 351.73 have been depicted in the Proposed Hydrology Map found in Attachment 2. The finished floor of the proposed building is sloped and varies from 356.5 to 359.1 finished floor elevation.

## SECTION 6.0 CONCLUSIONS

The study and resulting data indicate that the project will not increase 10-year, 50-year and 100-year peak runoff and therefore have no negative impact on the existing downstream storm drain facilities or properties. The finished floor of the proposed building will be over 4' higher than the 100-year flood levels that will be seen within the San Diego River. All City of Santee minimum requirements for the site have been met.

## SECTION 7.0 REFERENCES

County of San Diego, Department of Public Works, Flood Control Section, June 2003 San Diego County Hydrology Manual

City of Santee, Department of Public Works, July 1992 San Diego River Flood Study

City of Santee, Department of Public Works, February 1990 City of Santee Citywide Drainage Study

## SECTION 8.0 DECLARATION OF RESPONSIBLE CHARGE

I hereby declare that I am the engineer of work for this project. That I have exercised responsible charge over the design of the project as defined in section 6703 of the business and professions codes, and that the design is consistent with current design.

I understand that the check of the project drawings and specifications by the City of Santee is confined to a review only and does not relieve me, as engineer of work, of my responsibilities for project design.

ENGINEER OF WORK
DRC Engineering, Inc.
160 S Old Springs Road
Anaheim Hills, CA 92808
Tel – (714) 685-6860

Project Number: 22-534




01/10/24

Matthew Hellesen, RCE 45629 Date
Registration Expire: September 30, 2025

**ATTACHMENT 1**

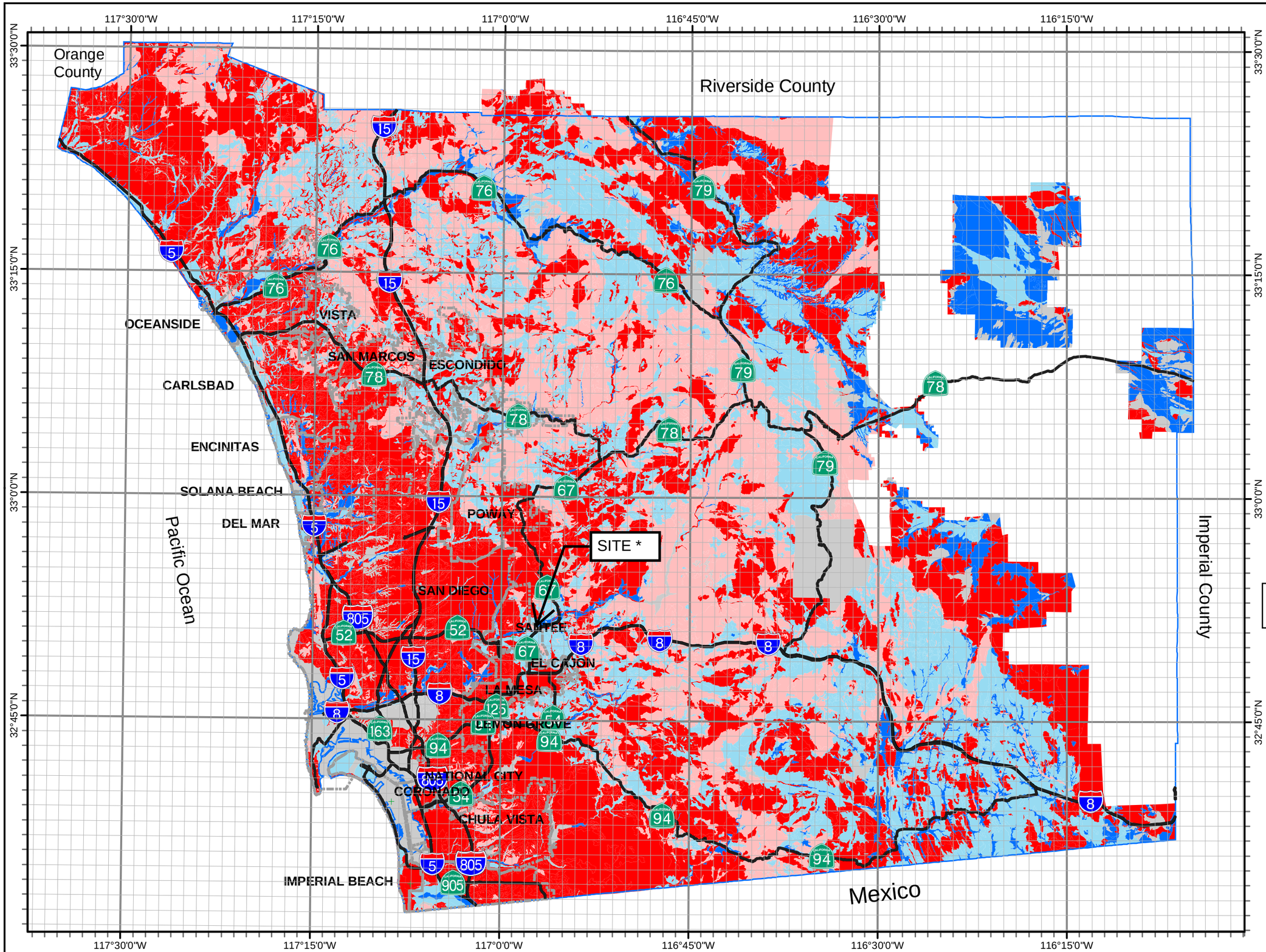
Figures & Tables

**Table 3-1**
**RUNOFF COEFFICIENTS FOR URBAN AREAS**

| Land Use | | Runoff Coefficient "C" | | | | |
|---|---|---|---|---|---|---|
| | | | Soil Type | | | |
| NRCS Elements | County Elements | % IMPER. | A | B | C | D |
| Undisturbed Natural Terrain (Natural) | Permanent Open Space | 0* | 0.20 | 0.25 | 0.30 | 0.35 |
| Low Density Residential (LDR) | Residential, 1.0 DU/A or less | 10 | 0.27 | 0.32 | 0.36 | 0.41 |
| Low Density Residential (LDR) | Residential, 2.0 DU/A or less | 20 | 0.34 | 0.38 | 0.42 | 0.46 |
| Low Density Residential (LDR) | Residential, 2.9 DU/A or less | 25 | 0.38 | 0.41 | 0.45 | 0.49 |
| Medium Density Residential (MDR) | Residential, 4.3 DU/A or less | 30 | 0.41 | 0.45 | 0.48 | 0.52 |
| Medium Density Residential (MDR) | Residential, 7.3 DU/A or less | 40 | 0.48 | 0.51 | 0.54 | 0.57 |
| Medium Density Residential (MDR) | Residential, 10.9 DU/A or less | 45 | 0.52 | 0.54 | 0.57 | 0.60 |
| Medium Density Residential (MDR) | Residential, 14.5 DU/A or less | 50 | 0.55 | 0.58 | 0.60 | 0.63 |
| High Density Residential (HDR) | Residential, 24.0 DU/A or less | 65 | 0.66 | 0.67 | 0.69 | 0.71 |
| High Density Residential (HDR) | Residential, 43.0 DU/A or less | 80 | 0.76 | 0.77 | 0.78 | 0.79 |
| Commercial/Industrial (N. Com) | Neighborhood Commercial | 80 | 0.76 | 0.77 | 0.78 | 0.79 |
| Commercial/Industrial (G. Com) | General Commercial | 85 | 0.80 | 0.80 | 0.81 | 0.82 |
| Commercial/Industrial (O.P. Com) | Office Professional/Commercial | 90 | 0.83 | 0.84 | 0.84 | 0.85 |
| Commercial/Industrial (Limited I.) | Limited Industrial | 90 | 0.83 | 0.84 | 0.84 | 0.85 |
| Commercial/Industrial (General I.) | General Industrial | 95 | 0.87 | 0.87 | 0.87 | 0.87 |

*The values associated with 0% impervious may be used for direct calculation of the runoff coefficient as described in Section 3.1.2 (representing the pervious runoff coefficient, Cp, for the soil type), or for areas that will remain undisturbed in perpetuity. Justification must be given that the area will remain natural forever (e.g., the area is located in Cleveland National Forest).
DU/A = dwelling units per acre
NRCS = National Resources Conservation Service

# County of San Diego Hydrology Manual Soil Hydrologic Group




**Legend**

- Major Roads
- Incorporated City Bdy

HYDROLOGIC SOIL GROUP

- Hydrologic Group Undefined
- Hydrologic Group A
- Hydrologic Group B
- Hydrologic Group C
- Hydrologic Group D
- No Soil Data

Note: Soil Data Source
USDA/NRCS
SSURGO Soils 2007

N

31.50 3 Miles

* UC DAVIS NRCS SOIL WEB 85% VISALIA - GROUP A

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## ATTACHMENT 2

Watershed Information

# County of San Diego Hydrology Manual

*Rainfall Isopluvials*

**10 Year Rainfall Event - 6 Hours**

Isopluvial (inches)

SITE

1.8 INCHES

Orange County

Riverside County

Imperial County

Mexico

Pacific Ocean

OCEANSIDE
VISTA
CARLSBAD
ESCONDIDO
ENCINITAS
SOLANA BEACH
DEL MAR
POWAY
S.D. COUNTY
SANTEE
SAN DIEGO
EL CAJON
LA MESA
LEMON GROVE
CORONADO
CHULA VISTA
IMPERIAL BEACH
SD

117°30' 117°15' 117°00' 116°45' 116°30' 116°15'
33°30' 33°15' 33°00' 32°45' 32°30'

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N W E S

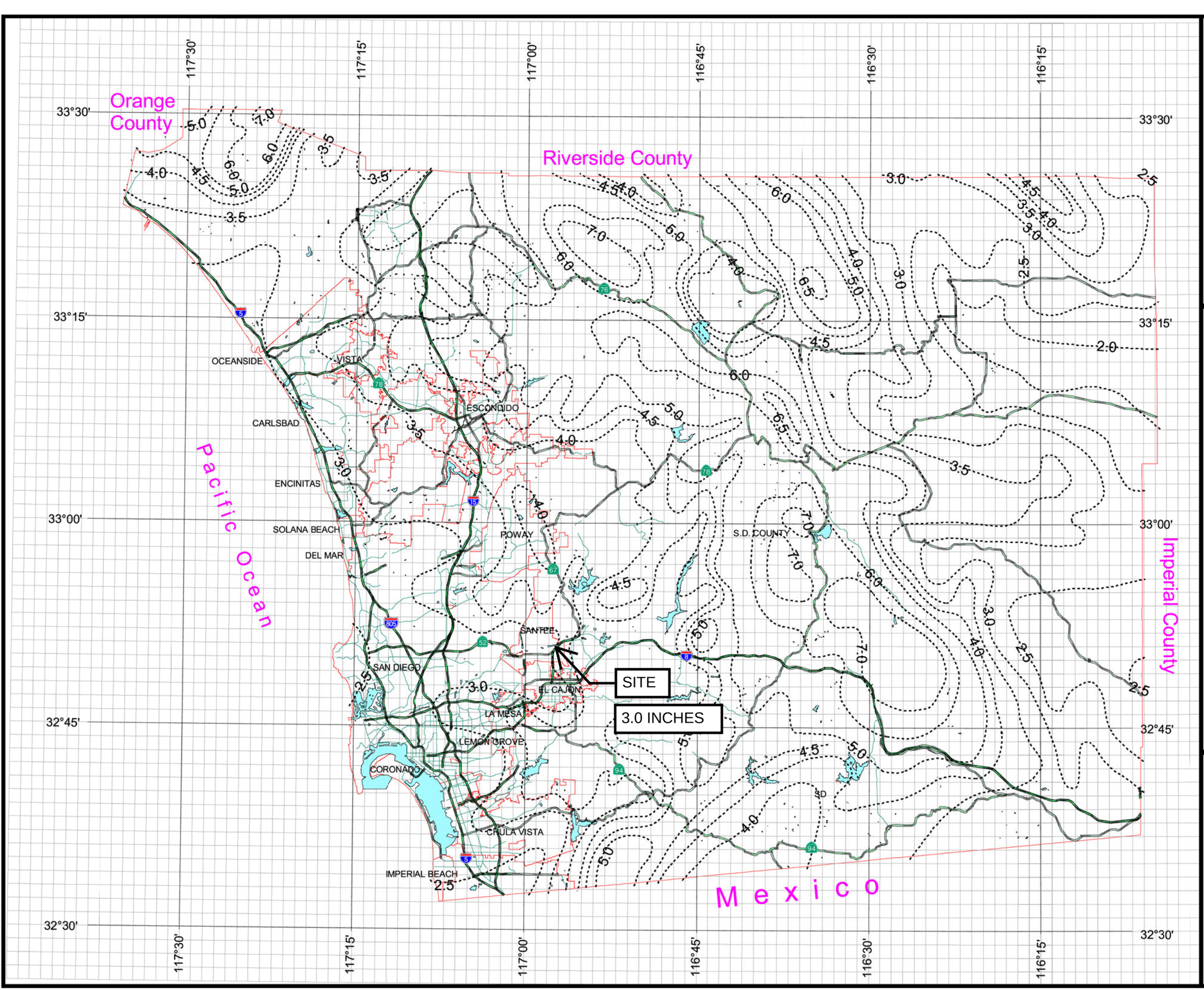
3 0 3 Miles

# County of San Diego Hydrology Manual

*Rainfall Isopluvials*

**10 Year Rainfall Event - 24 Hours**

Isopluvial (inches)

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N W E S

3 0 3 Miles

# County of San Diego Hydrology Manual

*Rainfall Isopluvials*

**50 Year Rainfall Event - 6 Hours**

Isopluvial (inches)

SITE

2.4 INCHES

Orange County

Riverside County

Imperial County

Pacific Ocean

Mexico

OCEANSIDE
VISTA
CARLSBAD
ESCONDIDO
ENCINITAS
SOLANA BEACH
DEL MAR
POWAY
S.D. COUNTY
SANTEE
SAN DIEGO
EL CAJON
LA MESA
LEMON GROVE
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117°30' 117°15' 117°00' 116°45' 116°30' 116°15'
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N W E S

3 0 3 Miles

# County of San Diego Hydrology Manual

*Rainfall Isopluvials*

**50 Year Rainfall Event - 24 Hours**

Isopluvial (inches)

SITE

4.7 INCHES

Orange County

Riverside County

Imperial County

Mexico

Pacific Ocean

OCEANSIDE
VISTA
CARLSBAD
ESCONDIDO
ENCINITAS
SOLANA BEACH
DEL MAR
POWAY
S.D. COUNTY
SANTEE
SAN DIEGO
EL CAJON
LA MESA
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W E
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3 0 3 Miles

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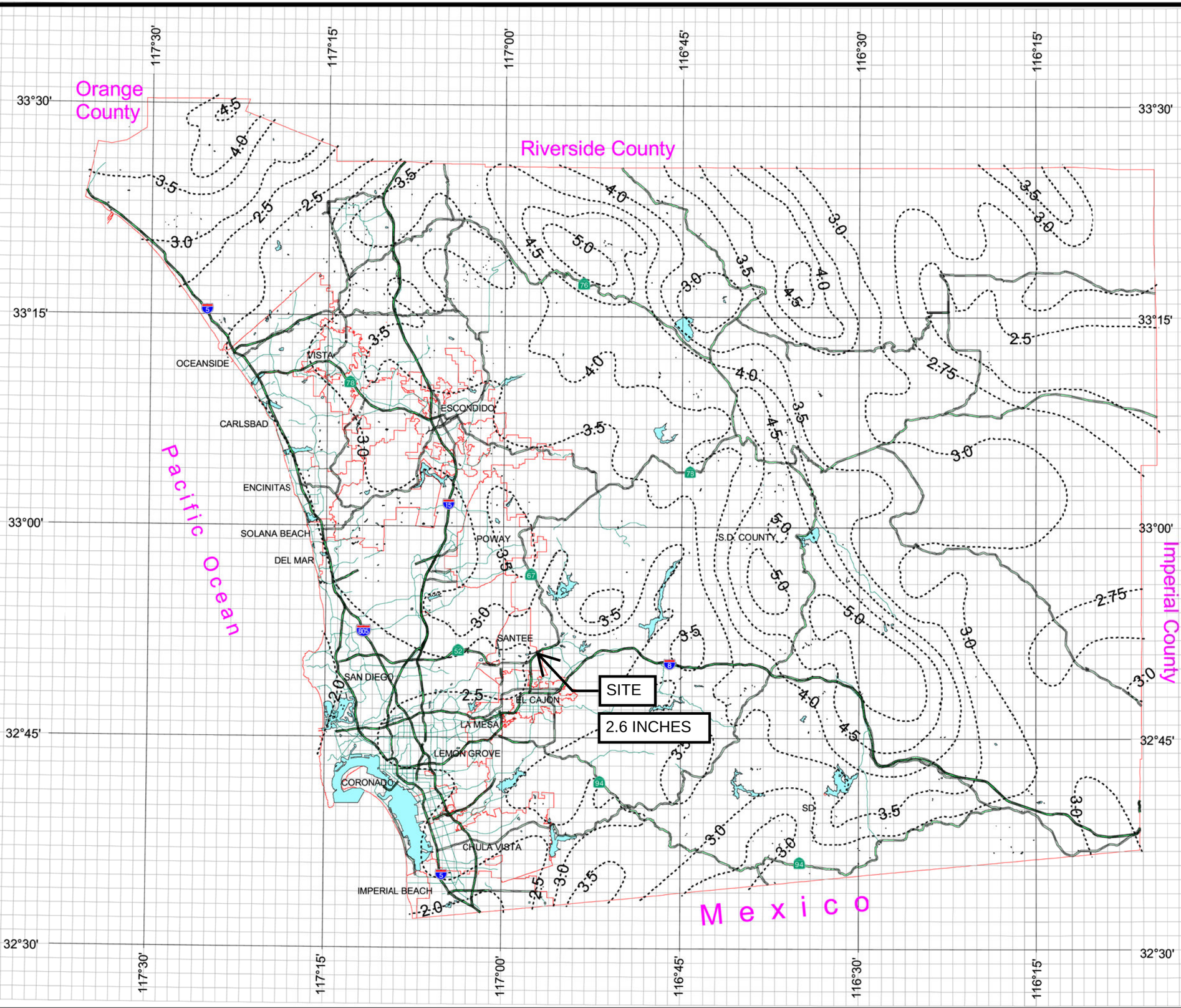
# County of San Diego Hydrology Manual

*Rainfall Isopluvials*

**100 Year Rainfall Event - 6 Hours**

Isopluvial (inches)

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W E
S

3 0 3 Miles

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# County of San Diego Hydrology Manual

*Rainfall Isopluvials*

**100 Year Rainfall Event - 24 Hours**

Isopluvial (inches)

Orange County

Riverside County

Imperial County

Pacific Ocean

Mexico

SITE

5.5 INCHES

OCEANSIDE
VISTA
CARLSBAD
ESCONDIDO
ENCINITAS
SOLANA BEACH
DEL MAR
POWAY
S.D. COUNTY
SANTEE
SAN DIEGO
EL CAJON
LA MESA
LEMON GROVE
CORONADO
CHULA VISTA
IMPERIAL BEACH
SD

117°30' 117°15' 117°00' 116°45' 116°30' 116°15'
33°30' 33°15' 33°00' 32°45' 32°30'

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N W E S

3 0 3 Miles

NOT FOR CONSTRUCTION


Civil Engineering/Land Surveying/Land Planning
Engineering, Inc.
160 S. Old Springs Road
Suite 210
Anaheim Hills, CA 92808
714-685-6860


| NO.: | REVISION: | DATE: |
|---|---|---|
| | | |

PROJECT:
# NPP SANTEE
## WOODSIDE AVE
## SANTEE, CA

DRAWING NAME:
# EXISTING HYDROLOGY MAP

| | |
|---|---|
| ISSUE: | HYDROLOGY |
| DATE: | 03/27/23 |
| CHECKED: MH | DRAWN: KH |
| DRAWING FILE: | |
| PROJECT NO.: 22-334 | |
| SHEET NUMBER: 1 | OF 1 SHEETS |
| SCALE: AS SHOWN | |


FILENAME: M:\2022\22-534 NPP Woodside Ave Santee\HYD\ATTACHMENT 2\22-534 Existing Hydrology Map.dwg, LAST SAVED ON: Jul 13 2023 4:24pm PLOTTED BY: KENNY, ON: Jul 14 2023 11:10am, CFG:


LEGEND

- TRIBUTARY BOUNDARY
- SURFACE FLOW LINE
- FLOWLINE UNDERGROUND
- NODE NUMBER
- FLOW DISTANCE
- AREA CONTRIBUTING TO FLOW FROM OFFSITE

GRAPHIC SCALE: 1"=60'

0' 60' 120' 180'

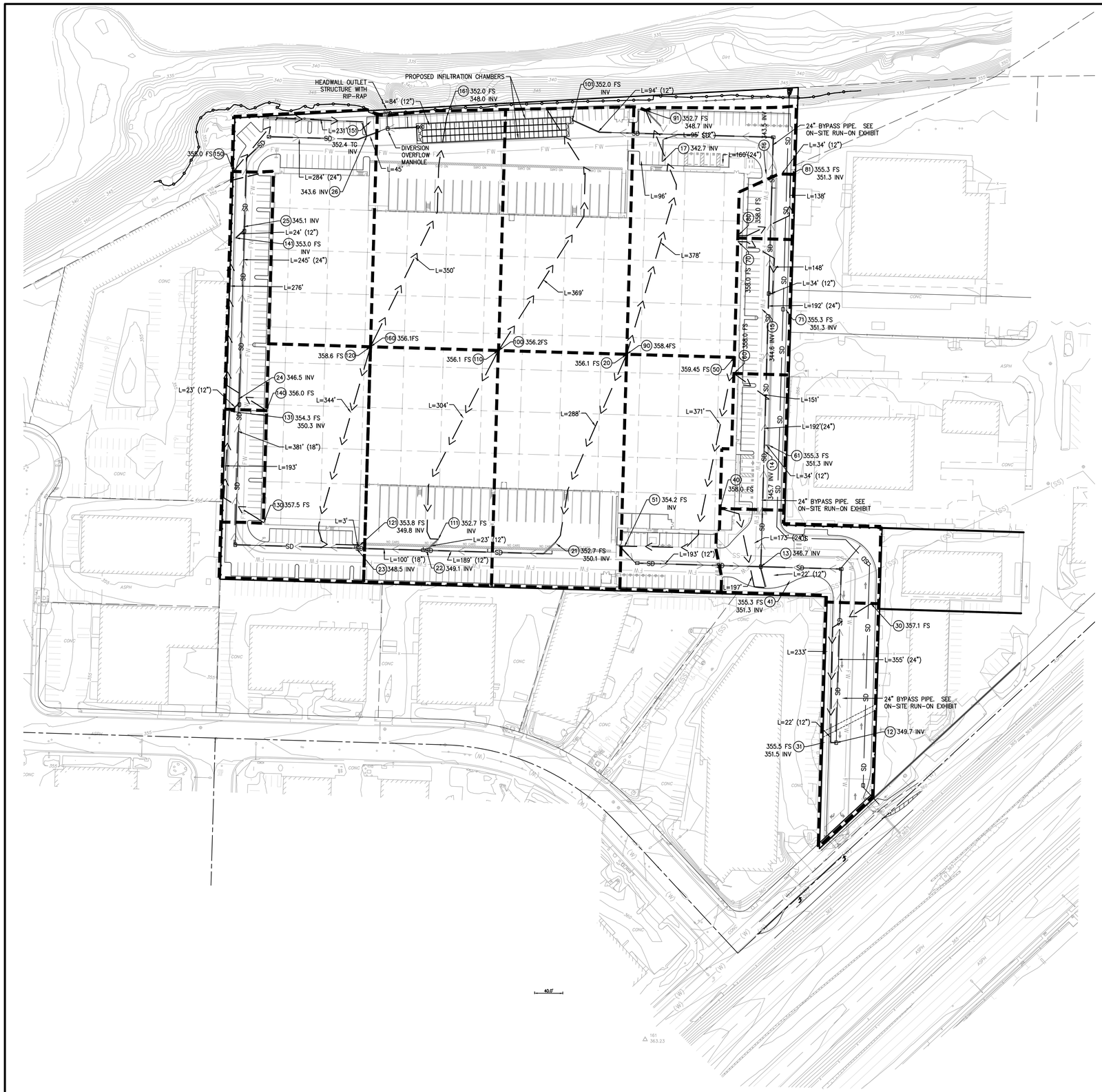
60'

N

L=212'

(101) 351.0 FS

(356.8 FS) (102) (ESTIMATED)




**LEGEND**

- TRIBUTARY BOUNDARY
- SURFACE FLOW LINE
- FLOWLINE UNDERGROUND
- 100 YEAR FLOOD LEVEL (351.73)
- (1) NODE NUMBER
- L=XXX' FLOW DISTANCE

60' 0' 60' 120' 180'

GRAPHIC SCALE: 1"=60'

NOT FOR CONSTRUCTION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Suite 210
Anaheim Hills, CA 92808
714-685-6860

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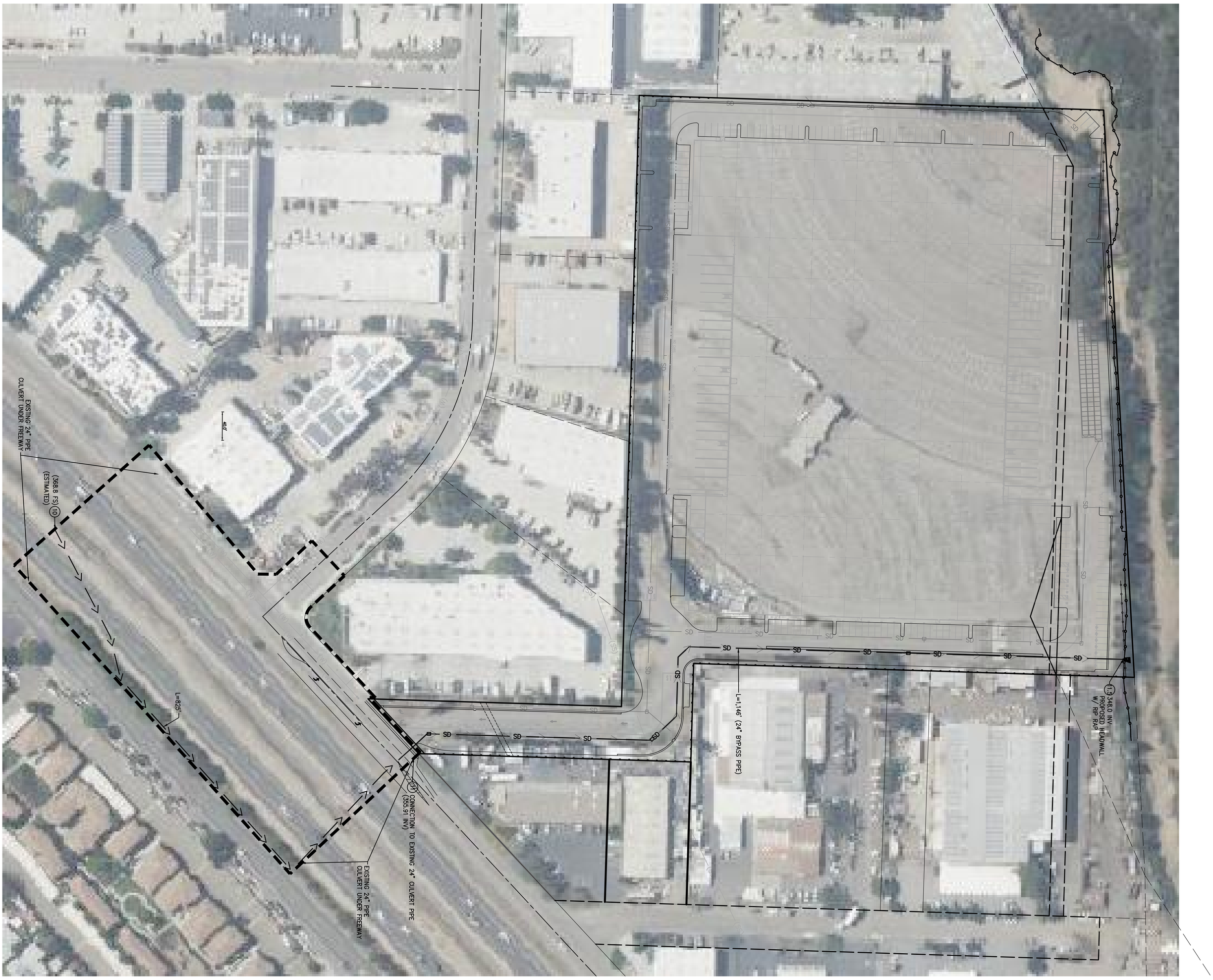
| NO.: | REVISION: | DATE: |
|---|---|---|
| | | |

PROJECT: **NPP SANTEE**
**WOODSIDE AVE**
**SANTEE, CA**

DRAWING NAME: **PROPOSED HYDROLOGY MAP**

| | |
|---|---|
| ISSUE: | HYDROLOGY |
| DATE: | 03/27/23 |
| CHECKED: MH | DRAWN: KH |
| DRAWING FILE: | |
| PROJECT NO.: | 22-534 |
| SHEET NUMBER: | 1 |
| OF | 1 SHEETS |
| SCALE: | AS SHOWN |


FILENAME: M:\2022\22-534 NPP Woodside Ave Santee\HYD\ATTACHMENT 2\22-534 Proposed Hydrology Map.dwg, LAST SAVED ON: Jan 10 2024 12:04pm PLOTTED BY: NICHOLAS, ON: Jan 10 2024 1:58pm, DFG




| | |
|---|---|
| ISSUE: | HYDROLOGY |
| DATE: | 03/27/23 |
| CHECKED: MH | DRAWN: KH |
| DRAWING FILE: | |
| PROJECT NO.: | 22-534 |
| SHEET NUMBER: | 1 |
| OF | 1 SHEETS |
| SCALE: | AS SHOWN |

PROJECT: **NPP SANTEE**
**WOODSIDE AVE**
**SANTEE, CA**

DRAWING NAME: **UPSTREAM RUN-ON EXHIBIT**

| NO.: | REVISION: | DATE: |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |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Anaheim Hills, CA 92808
714-685-6860


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FILENAME: M:\2022\22-534 NPP Woodside Ave Santee\HYD\ATTACHMENT 2\22-534 Upstream Run-on Exhibit.dwg, LAST SAVED ON: Jul 14 2023 12:00pm PLOTTED BY: NICHOLAS, ON: Jan 10 2024 2:07pm, CFG:

## ATTACHMENT 3

Pre & Post Development Runoff Calculations

```
*****************************************************************************

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              Ver. 22.0 Release Date: 07/01/2015  License ID 1510

                              Analysis prepared by:

                              DRC Engineering, Inc.
                        160 South Old Springs Road, Suite 210
                               Anaheim Hills, CA 92808
                                    714-685-6860

 ************************** DESCRIPTION OF STUDY **************************
* 22-534 Palisade Santee                                                  *
* Existing Condition                                                      *
* 10 year                                                                 *
 *************************************************************************

  FILE NAME: 22534E.DAT
  TIME/DATE OF STUDY: 08:29 03/28/2023
-----------------------------------------------------------------------------
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
-----------------------------------------------------------------------------
  2003 SAN DIEGO MANUAL CRITERIA

  USER SPECIFIED STORM EVENT(YEAR) =  10.00
  6-HOUR DURATION PRECIPITATION (INCHES) =   1.800
  SPECIFIED MINIMUM PIPE SIZE(INCH) =  12.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 1.00
  SAN DIEGO HYDROLOGY MANUAL "C"-VALUES USED FOR RATIONAL METHOD
  NOTE: USE MODIFIED RATIONAL METHOD PROCEDURES FOR CONFLUENCE ANALYSIS
  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*

*****************************************************************************
  FLOW PROCESS FROM NODE    100.00 TO NODE    101.00 IS CODE =  21
-----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
=============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =  2212.00
  UPSTREAM ELEVATION(FEET) =    368.80
  DOWNSTREAM ELEVATION(FEET) =    351.00
```

```
  ELEVATION DIFFERENCE(FEET) =     17.80
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.348
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    56.09
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =     63.78
  TOTAL AREA(ACRES) =     16.81   TOTAL RUNOFF(CFS) =     63.78
================================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =       16.8  TC(MIN.) =      4.35
  PEAK FLOW RATE(CFS)   =      63.78
================================================================================
================================================================================
  END OF RATIONAL METHOD ANALYSIS
```

```
**************************************************************************

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                              Analysis prepared by:

                              DRC Engineering, Inc.
                        160 South Old Springs Road, Suite 210
                               Anaheim Hills, CA 92808
                                    714-685-6860

 ************************* DESCRIPTION OF STUDY *************************
* 22-534 Palisade Santee                                                 *
* Existing Condition                                                     *
* 50 year                                                                *
 **************************************************************************

  FILE NAME: 22534E.DAT
  TIME/DATE OF STUDY: 08:25 03/28/2023
--------------------------------------------------------------------------
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
--------------------------------------------------------------------------
  2003 SAN DIEGO MANUAL CRITERIA

  USER SPECIFIED STORM EVENT(YEAR) =  50.00
  6-HOUR DURATION PRECIPITATION (INCHES) =   2.400
  SPECIFIED MINIMUM PIPE SIZE(INCH) =  12.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 1.00
  SAN DIEGO HYDROLOGY MANUAL "C"-VALUES USED FOR RATIONAL METHOD
  NOTE: USE MODIFIED RATIONAL METHOD PROCEDURES FOR CONFLUENCE ANALYSIS
  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*

**************************************************************************
  FLOW PROCESS FROM NODE    100.00 TO NODE    101.00 IS CODE =  21
--------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
==========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =  2212.00
  UPSTREAM ELEVATION(FEET) =    368.80
  DOWNSTREAM ELEVATION(FEET) =    351.00
```

```
  ELEVATION DIFFERENCE(FEET) =     17.80
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.348
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    56.09
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =     85.04
  TOTAL AREA(ACRES) =     16.81   TOTAL RUNOFF(CFS) =     85.04
================================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =       16.8  TC(MIN.) =      4.35
  PEAK FLOW RATE(CFS)   =      85.04
================================================================================
================================================================================
  END OF RATIONAL METHOD ANALYSIS
```

```
**************************************************************************

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                              Analysis prepared by:

                              DRC Engineering, Inc.
                        160 South Old Springs Road, Suite 210
                               Anaheim Hills, CA 92808
                                    714-685-6860

 ************************* DESCRIPTION OF STUDY *************************
* 22-534 Palisade Santee                                                 *
* Existing Condition                                                     *
* 100 year                                                              *
 ************************************************************************

  FILE NAME: 22534E.DAT
  TIME/DATE OF STUDY: 08:16 03/28/2023
------------------------------------------------------------------------
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
------------------------------------------------------------------------
  2003 SAN DIEGO MANUAL CRITERIA

  USER SPECIFIED STORM EVENT(YEAR) = 100.00
  6-HOUR DURATION PRECIPITATION (INCHES) =   2.600
  SPECIFIED MINIMUM PIPE SIZE(INCH) =  12.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 1.00
  SAN DIEGO HYDROLOGY MANUAL "C"-VALUES USED FOR RATIONAL METHOD
  NOTE: USE MODIFIED RATIONAL METHOD PROCEDURES FOR CONFLUENCE ANALYSIS
  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*

**************************************************************************
  FLOW PROCESS FROM NODE    100.00 TO NODE    101.00 IS CODE =  21
------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =  2212.00
  UPSTREAM ELEVATION(FEET) =    368.80
  DOWNSTREAM ELEVATION(FEET) =    351.00
```

```
  ELEVATION DIFFERENCE(FEET) =     17.80
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.348
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    56.09
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =     92.12
  TOTAL AREA(ACRES) =     16.81   TOTAL RUNOFF(CFS) =     92.12
================================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =       16.8  TC(MIN.) =      4.35
  PEAK FLOW RATE(CFS)   =      92.12
================================================================================
================================================================================
  END OF RATIONAL METHOD ANALYSIS
```

```
**************************************************************************

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                              Analysis prepared by:

                              DRC Engineering, Inc.
                        160 South Old Springs Road, Suite 210
                               Anaheim Hills, CA 92808
                                    714-685-6860

 ************************* DESCRIPTION OF STUDY *************************
* 22-534 Palisade Santee                                                 *
* Proposed Condition                                                     *
* 10 Year                                                               *
 ************************************************************************

  FILE NAME: 22534P.DAT
  TIME/DATE OF STUDY: 15:00 07/13/2023
------------------------------------------------------------------------
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
------------------------------------------------------------------------
  2003 SAN DIEGO MANUAL CRITERIA

  USER SPECIFIED STORM EVENT(YEAR) =  10.00
  6-HOUR DURATION PRECIPITATION (INCHES) =   1.800
  SPECIFIED MINIMUM PIPE SIZE(INCH) =  12.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 1.00
  SAN DIEGO HYDROLOGY MANUAL "C"-VALUES USED FOR RATIONAL METHOD
  NOTE: USE MODIFIED RATIONAL METHOD PROCEDURES FOR CONFLUENCE ANALYSIS
  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*

**************************************************************************
  FLOW PROCESS FROM NODE     10.00 TO NODE     11.00 IS CODE =  21
--------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
==========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   825.00
  UPSTREAM ELEVATION(FEET) =    368.80
  DOWNSTREAM ELEVATION(FEET) =    355.91
```

```
  ELEVATION DIFFERENCE(FEET) =     12.89
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.850
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    68.44
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =     13.24
  TOTAL AREA(ACRES) =      3.49   TOTAL RUNOFF(CFS) =     13.24

****************************************************************************
  FLOW PROCESS FROM NODE     11.00 TO NODE     11.50 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   355.91  DOWNSTREAM(FEET) =   349.80
  FLOW LENGTH(FEET) =  1146.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  15.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.24
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      13.24
  PIPE TRAVEL TIME(MIN.) =   3.06    Tc(MIN.) =    6.91
  LONGEST FLOWPATH FROM NODE     10.00 TO NODE     11.50 =    1971.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE      0.00 TO NODE      0.00 IS CODE =  13
----------------------------------------------------------------------------
  >>>>>CLEAR THE MAIN-STREAM MEMORY<<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     30.00 TO NODE     31.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   233.00
  UPSTREAM ELEVATION(FEET) =    357.10
  DOWNSTREAM ELEVATION(FEET) =    355.50
  ELEVATION DIFFERENCE(FEET) =      1.60
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.487
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    53.73
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      2.05
  TOTAL AREA(ACRES) =      0.54   TOTAL RUNOFF(CFS) =      2.05

****************************************************************************
  FLOW PROCESS FROM NODE     31.00 TO NODE     12.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
```

```
  ELEVATION DATA: UPSTREAM(FEET) =   351.50  DOWNSTREAM(FEET) =   349.70
  FLOW LENGTH(FEET) =    22.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   3.5 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  10.75
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.05
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    4.52
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     12.00 =     255.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     12.00 TO NODE     13.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.70  DOWNSTREAM(FEET) =   346.70
  FLOW LENGTH(FEET) =   355.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS   4.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   4.46
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.05
  PIPE TRAVEL TIME(MIN.) =   1.33    Tc(MIN.) =    5.85
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     13.00 =     610.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  3
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    5.85
  RAINFALL INTENSITY(INCH/HR) =   4.29
  TOTAL STREAM AREA(ACRES) =     0.54
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      2.05

****************************************************************************
  FLOW PROCESS FROM NODE     40.00 TO NODE     41.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   197.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.936
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    65.56
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      2.20
  TOTAL AREA(ACRES) =      0.58   TOTAL RUNOFF(CFS) =      2.20

****************************************************************************
  FLOW PROCESS FROM NODE     41.00 TO NODE     13.00 IS CODE =  41
```

```
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   346.70
  FLOW LENGTH(FEET) =    22.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  15.31
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.20
  PIPE TRAVEL TIME(MIN.) =   0.02    Tc(MIN.) =    3.96
  LONGEST FLOWPATH FROM NODE     40.00 TO NODE     13.00 =     219.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  3
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.96
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     0.58
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      2.20

****************************************************************************
  FLOW PROCESS FROM NODE     50.00 TO NODE     51.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   371.00
  UPSTREAM ELEVATION(FEET) =    359.45
  DOWNSTREAM ELEVATION(FEET) =    354.20
  ELEVATION DIFFERENCE(FEET) =      5.25
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.914
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    66.23
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      4.21
  TOTAL AREA(ACRES) =      1.11   TOTAL RUNOFF(CFS) =      4.21

****************************************************************************
  FLOW PROCESS FROM NODE     51.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  3
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  3 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.91
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.11
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      4.21
```

```
  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        2.05     5.85        4.287          0.54
      2        2.20     3.96        4.743          0.58
      3        4.21     3.91        4.743          1.11

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  3 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1        7.76     3.91       4.743
      2        7.80     3.96       4.743
      3        7.85     5.85       4.287

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =       7.85   Tc(MIN.) =    5.85
  TOTAL AREA(ACRES) =        2.2
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     13.00 =     610.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     14.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   346.70  DOWNSTREAM(FEET) =   345.70
  FLOW LENGTH(FEET) =   173.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  10.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   5.68
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.85
  PIPE TRAVEL TIME(MIN.) =   0.51    Tc(MIN.) =    6.35
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     14.00 =     783.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     14.00 TO NODE     14.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.35
  RAINFALL INTENSITY(INCH/HR) =   4.06
  TOTAL STREAM AREA(ACRES) =     2.23
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.85

****************************************************************************
  FLOW PROCESS FROM NODE     60.00 TO NODE     61.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   151.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
```

```
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.771
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    71.82
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      1.37
  TOTAL AREA(ACRES) =      0.36   TOTAL RUNOFF(CFS) =      1.37

****************************************************************************
  FLOW PROCESS FROM NODE     61.00 TO NODE     14.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   345.70
  FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  12.24
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       1.37
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    3.82
  LONGEST FLOWPATH FROM NODE     60.00 TO NODE     14.00 =     185.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     14.00 TO NODE     14.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.82
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     0.36
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.37

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        7.85     6.35        4.063          2.23
      2        1.37     3.82        4.743          0.36

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1        8.09     3.82       4.743
      2        9.02     6.35       4.063

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =       9.02   Tc(MIN.) =    6.35
  TOTAL AREA(ACRES) =        2.6
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     14.00 =     783.00 FEET.

****************************************************************************
```

```
 FLOW PROCESS FROM NODE     14.00 TO NODE     15.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =   345.70  DOWNSTREAM(FEET) =   344.60
 FLOW LENGTH(FEET) =   192.00   MANNING'S N =  0.012
 DEPTH OF FLOW IN  24.0 INCH PIPE IS  11.8 INCHES
 PIPE-FLOW VELOCITY(FEET/SEC.) =   5.86
 GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       9.02
 PIPE TRAVEL TIME(MIN.) =   0.55    Tc(MIN.) =    6.90
 LONGEST FLOWPATH FROM NODE     30.00 TO NODE     15.00 =     975.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE     15.00 TO NODE     15.00 IS CODE =   1
----------------------------------------------------------------------------
 >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
 TOTAL NUMBER OF STREAMS =  2
 CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
 TIME OF CONCENTRATION(MIN.) =    6.90
 RAINFALL INTENSITY(INCH/HR) =   3.85
 TOTAL STREAM AREA(ACRES) =     2.59
 PEAK FLOW RATE(CFS) AT CONFLUENCE =      9.02

****************************************************************************
 FLOW PROCESS FROM NODE     70.00 TO NODE     71.00 IS CODE =  21
----------------------------------------------------------------------------
 >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
 GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
 SOIL CLASSIFICATION IS "A"
 S.C.S. CURVE NUMBER (AMC II) =  89
 INITIAL SUBAREA FLOW-LENGTH(FEET) =   148.00
 UPSTREAM ELEVATION(FEET) =    358.00
 DOWNSTREAM ELEVATION(FEET) =    355.30
 ELEVATION DIFFERENCE(FEET) =      2.70
 SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.760
 WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
          THE MAXIMUM OVERLAND FLOW LENGTH =    72.36
          (Reference: Table 3-1B of Hydrology Manual)
          THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
 NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
 SUBAREA RUNOFF(CFS) =      1.29
 TOTAL AREA(ACRES) =      0.34   TOTAL RUNOFF(CFS) =      1.29

****************************************************************************
 FLOW PROCESS FROM NODE     71.00 TO NODE     15.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   344.60
 FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
 DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.2 INCHES
 PIPE-FLOW VELOCITY(FEET/SEC.) =  12.83
 GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       1.29
```

```
  PIPE TRAVEL TIME(MIN.) =   0.04    Tc(MIN.) =    3.80
  LONGEST FLOWPATH FROM NODE     70.00 TO NODE     15.00 =     182.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     15.00 TO NODE     15.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.80
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     0.34
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.29

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        9.02     6.90        3.853          2.59
      2        1.29     3.80        4.743          0.34

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1        8.61     3.80       4.743
      2       10.06     6.90       3.853

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      10.06   Tc(MIN.) =    6.90
  TOTAL AREA(ACRES) =        2.9
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     15.00 =     975.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     15.00 TO NODE     16.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   344.60  DOWNSTREAM(FEET) =   343.50
  FLOW LENGTH(FEET) =   192.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  12.6 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.02
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      10.06
  PIPE TRAVEL TIME(MIN.) =   0.53    Tc(MIN.) =    7.43
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     16.00 =    1167.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     16.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.43
  RAINFALL INTENSITY(INCH/HR) =   3.67
```

```
  TOTAL STREAM AREA(ACRES) =     2.93
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     10.06

****************************************************************************
  FLOW PROCESS FROM NODE     80.00 TO NODE     81.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   138.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.723
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    74.35
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      0.57
  TOTAL AREA(ACRES) =      0.15   TOTAL RUNOFF(CFS) =      0.57

****************************************************************************
  FLOW PROCESS FROM NODE     81.00 TO NODE     16.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   343.50
  FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   1.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  10.65
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       0.57
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    3.78
  LONGEST FLOWPATH FROM NODE     80.00 TO NODE     16.00 =     172.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     16.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.78
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     0.15
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      0.57

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       10.06     7.43        3.673          2.93
      2        0.57     3.78        4.743          0.15

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
```

```
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1        8.36     3.78       4.743
      2       10.50     7.43       3.673

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      10.50   Tc(MIN.) =    7.43
  TOTAL AREA(ACRES) =        3.1
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     16.00 =    1167.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     17.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.50  DOWNSTREAM(FEET) =   342.70
  FLOW LENGTH(FEET) =   160.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  13.5 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   5.78
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      10.50
  PIPE TRAVEL TIME(MIN.) =   0.46    Tc(MIN.) =    7.89
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     17.00 =    1327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     17.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.89
  RAINFALL INTENSITY(INCH/HR) =   3.53
  TOTAL STREAM AREA(ACRES) =     3.08
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     10.50

****************************************************************************
  FLOW PROCESS FROM NODE     90.00 TO NODE     91.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   378.00
  UPSTREAM ELEVATION(FEET) =    358.40
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      5.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.872
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    67.62
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      5.62
```

```
  TOTAL AREA(ACRES) =      1.48   TOTAL RUNOFF(CFS) =      5.62

****************************************************************************
  FLOW PROCESS FROM NODE     91.00 TO NODE     17.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.70  DOWNSTREAM(FEET) =   342.70
  FLOW LENGTH(FEET) =    95.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   6.6 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  12.80
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       5.62
  PIPE TRAVEL TIME(MIN.) =   0.12    Tc(MIN.) =    4.00
  LONGEST FLOWPATH FROM NODE     90.00 TO NODE     17.00 =     473.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     17.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.00
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.48
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      5.62

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       10.50     7.89        3.533          3.08
      2        5.62     4.00        4.743          1.48

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       13.44     4.00       4.743
      2       14.69     7.89       3.533

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      14.69   Tc(MIN.) =    7.89
  TOTAL AREA(ACRES) =        4.6
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     17.00 =    1327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     18.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   342.70  DOWNSTREAM(FEET) =   342.30
  FLOW LENGTH(FEET) =    96.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  18.3 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   5.72
```

```
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      14.69
  PIPE TRAVEL TIME(MIN.) =   0.28    Tc(MIN.) =    8.17
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     18.00 =    1423.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     18.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    8.17
  RAINFALL INTENSITY(INCH/HR) =   3.45
  TOTAL STREAM AREA(ACRES) =     4.56
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     14.69

****************************************************************************
  FLOW PROCESS FROM NODE    100.00 TO NODE    101.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   369.00
  UPSTREAM ELEVATION(FEET) =    356.20
  DOWNSTREAM ELEVATION(FEET) =    352.00
  ELEVATION DIFFERENCE(FEET) =      4.20
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.075
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.07
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      5.50
  TOTAL AREA(ACRES) =      1.45   TOTAL RUNOFF(CFS) =      5.50

****************************************************************************
  FLOW PROCESS FROM NODE    101.00 TO NODE     18.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.00  DOWNSTREAM(FEET) =   342.30
  FLOW LENGTH(FEET) =    94.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  94.0 INCH PIPE IS   3.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   9.91
  GIVEN PIPE DIAMETER(INCH) =  94.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       5.50
  PIPE TRAVEL TIME(MIN.) =   0.16    Tc(MIN.) =    4.23
  LONGEST FLOWPATH FROM NODE    100.00 TO NODE     18.00 =     463.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     18.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
```

```
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.23
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.45
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      5.50

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       14.69     8.17        3.454          4.56
      2        5.50     4.23        4.743          1.45

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       16.20     4.23       4.743
      2       18.69     8.17       3.454

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      18.69   Tc(MIN.) =    8.17
  TOTAL AREA(ACRES) =        6.0
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     18.00 =    1423.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     19.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   342.30  DOWNSTREAM(FEET) =   342.20
  FLOW LENGTH(FEET) =    24.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   5.95
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      18.69
  PIPE TRAVEL TIME(MIN.) =   0.07    Tc(MIN.) =    8.24
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     19.00 =    1447.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  10
----------------------------------------------------------------------------
  >>>>>MAIN-STREAM MEMORY COPIED ONTO MEMORY BANK # 1 <<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  13
----------------------------------------------------------------------------
  >>>>>CLEAR THE MAIN-STREAM MEMORY<<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     20.00 TO NODE     21.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
```

```
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   288.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      3.40
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.046
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.71
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      5.31
  TOTAL AREA(ACRES) =      1.40   TOTAL RUNOFF(CFS) =      5.31

****************************************************************************
  FLOW PROCESS FROM NODE     21.00 TO NODE     22.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.10  DOWNSTREAM(FEET) =   349.10
  FLOW LENGTH(FEET) =   189.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.76
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       5.31
  PIPE TRAVEL TIME(MIN.) =   0.47    Tc(MIN.) =    4.51
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     22.00 =     477.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     22.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.51
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.40
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      5.31

****************************************************************************
  FLOW PROCESS FROM NODE    110.00 TO NODE    111.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   304.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      3.40
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.089
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.78
```

```
          (Reference: Table 3-1B of Hydrology Manual)
          THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      5.27
  TOTAL AREA(ACRES) =      1.39   TOTAL RUNOFF(CFS) =      5.27

****************************************************************************
  FLOW PROCESS FROM NODE    111.00 TO NODE     22.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.20  DOWNSTREAM(FEET) =   349.10
  FLOW LENGTH(FEET) =    23.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   6.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.35
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       5.27
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    4.12
  LONGEST FLOWPATH FROM NODE    110.00 TO NODE     22.00 =     327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     22.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.12
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.39
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      5.27

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        5.31     4.51        4.743          1.40
      2        5.27     4.12        4.743          1.39

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       10.13     4.12       4.743
      2       10.59     4.51       4.743

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      10.59   Tc(MIN.) =    4.51
  TOTAL AREA(ACRES) =        2.8
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     22.00 =     477.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     23.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
```

```
==========================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.10  DOWNSTREAM(FEET) =   348.50
  FLOW LENGTH(FEET) =   100.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   5.99
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      10.59
  PIPE TRAVEL TIME(MIN.) =   0.28    Tc(MIN.) =    4.79
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     23.00 =     577.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     23.00 TO NODE     23.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
==========================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.79
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     2.79
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     10.59

****************************************************************************
  FLOW PROCESS FROM NODE    120.00 TO NODE    121.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
==========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   344.00
  UPSTREAM ELEVATION(FEET) =    358.60
  DOWNSTREAM ELEVATION(FEET) =    353.80
  ELEVATION DIFFERENCE(FEET) =      4.80
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.924
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    65.93
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      4.63
  TOTAL AREA(ACRES) =      1.22   TOTAL RUNOFF(CFS) =      4.63

****************************************************************************
  FLOW PROCESS FROM NODE    121.00 TO NODE     23.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
==========================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.80  DOWNSTREAM(FEET) =   348.50
  FLOW LENGTH(FEET) =     3.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   3.5 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  24.58
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       4.63
  PIPE TRAVEL TIME(MIN.) =   0.00    Tc(MIN.) =    3.93
  LONGEST FLOWPATH FROM NODE    120.00 TO NODE     23.00 =     347.00 FEET.
```

```
****************************************************************************
  FLOW PROCESS FROM NODE     23.00 TO NODE     23.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.93
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.22
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      4.63

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       10.59     4.79        4.743          2.79
      2        4.63     3.93        4.743          1.22

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       15.21     3.93       4.743
      2       15.21     4.79       4.743

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      15.21   Tc(MIN.) =    4.79
  TOTAL AREA(ACRES) =        4.0
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     23.00 =     577.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     23.00 TO NODE     24.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.50  DOWNSTREAM(FEET) =   346.50
  FLOW LENGTH(FEET) =   381.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   8.61
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      15.21
  PIPE TRAVEL TIME(MIN.) =   0.74    Tc(MIN.) =    5.53
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     24.00 =     958.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     24.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    5.53
  RAINFALL INTENSITY(INCH/HR) =   4.45
  TOTAL STREAM AREA(ACRES) =     4.01
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     15.21
```

```
****************************************************************************
  FLOW PROCESS FROM NODE    130.00 TO NODE    131.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   193.00
  UPSTREAM ELEVATION(FEET) =    357.50
  DOWNSTREAM ELEVATION(FEET) =    354.30
  ELEVATION DIFFERENCE(FEET) =      3.20
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.814
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    69.87
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      0.83
  TOTAL AREA(ACRES) =      0.22   TOTAL RUNOFF(CFS) =      0.83

****************************************************************************
  FLOW PROCESS FROM NODE    131.00 TO NODE     24.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.30  DOWNSTREAM(FEET) =   346.50
  FLOW LENGTH(FEET) =    23.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   1.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  10.61
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       0.83
  PIPE TRAVEL TIME(MIN.) =   0.04    Tc(MIN.) =    3.85
  LONGEST FLOWPATH FROM NODE    130.00 TO NODE     24.00 =     216.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     24.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.85
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     0.22
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      0.83

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       15.21     5.53        4.445          4.01
      2        0.83     3.85        4.743          0.22

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.
```

```
  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       15.10     3.85       4.743
      2       16.00     5.53       4.445

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      16.00   Tc(MIN.) =    5.53
  TOTAL AREA(ACRES) =        4.2
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     24.00 =     958.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     25.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   346.50  DOWNSTREAM(FEET) =   345.10
  FLOW LENGTH(FEET) =   245.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  17.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.63
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      16.00
  PIPE TRAVEL TIME(MIN.) =   0.62    Tc(MIN.) =    6.14
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     25.00 =    1203.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     25.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.14
  RAINFALL INTENSITY(INCH/HR) =   4.15
  TOTAL STREAM AREA(ACRES) =     4.23
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     16.00

****************************************************************************
  FLOW PROCESS FROM NODE    140.00 TO NODE    141.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   276.00
  UPSTREAM ELEVATION(FEET) =    356.00
  DOWNSTREAM ELEVATION(FEET) =    353.00
  ELEVATION DIFFERENCE(FEET) =      3.00
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.112
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.30
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      1.75
  TOTAL AREA(ACRES) =      0.46   TOTAL RUNOFF(CFS) =      1.75
```

```
****************************************************************************
  FLOW PROCESS FROM NODE    141.00 TO NODE     25.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   353.00  DOWNSTREAM(FEET) =   345.10
  FLOW LENGTH(FEET) =    24.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.3 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  16.79
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       1.75
  PIPE TRAVEL TIME(MIN.) =   0.02    Tc(MIN.) =    4.14
  LONGEST FLOWPATH FROM NODE    140.00 TO NODE     25.00 =     300.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     25.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.14
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     0.46
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.75

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc       INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       16.00     6.14        4.153          4.23
      2        1.75     4.14        4.743          0.46

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       15.75     4.14       4.743
      2       17.52     6.14       4.153

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      17.52   Tc(MIN.) =    6.14
  TOTAL AREA(ACRES) =        4.7
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     25.00 =    1203.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     26.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   345.10  DOWNSTREAM(FEET) =   343.60
  FLOW LENGTH(FEET) =   284.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  19.3 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.46
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      17.52
```

```
  PIPE TRAVEL TIME(MIN.) =   0.73    Tc(MIN.) =    6.88
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     26.00 =    1487.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     26.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.88
  RAINFALL INTENSITY(INCH/HR) =   3.86
  TOTAL STREAM AREA(ACRES) =     4.69
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     17.52

****************************************************************************
  FLOW PROCESS FROM NODE    150.00 TO NODE    151.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   231.00
  UPSTREAM ELEVATION(FEET) =    355.00
  DOWNSTREAM ELEVATION(FEET) =    352.40
  ELEVATION DIFFERENCE(FEET) =      2.60
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.084
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.88
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      4.59
  TOTAL AREA(ACRES) =      1.21   TOTAL RUNOFF(CFS) =      4.59

****************************************************************************
  FLOW PROCESS FROM NODE    151.00 TO NODE     26.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.40  DOWNSTREAM(FEET) =   343.60
  FLOW LENGTH(FEET) =    45.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   5.0 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  14.78
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       4.59
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    4.13
  LONGEST FLOWPATH FROM NODE    150.00 TO NODE     26.00 =     276.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     26.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
```

```
  TIME OF CONCENTRATION(MIN.) =    4.13
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.21
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      4.59

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       17.52     6.88        3.862          4.69
      2        4.59     4.13        4.743          1.21

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       18.86     4.13       4.743
      2       21.26     6.88       3.862

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      21.26   Tc(MIN.) =    6.88
  TOTAL AREA(ACRES) =        5.9
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     26.00 =    1487.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     27.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.60  DOWNSTREAM(FEET) =   343.30
  FLOW LENGTH(FEET) =    71.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.77
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      21.26
  PIPE TRAVEL TIME(MIN.) =   0.17    Tc(MIN.) =    7.05
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     27.00 =    1558.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     27.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.05
  RAINFALL INTENSITY(INCH/HR) =   3.80
  TOTAL STREAM AREA(ACRES) =     5.90
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     21.26

****************************************************************************
  FLOW PROCESS FROM NODE    160.00 TO NODE    161.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
```

```
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   350.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.00
  ELEVATION DIFFERENCE(FEET) =      4.10
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.052
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.57
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    10 YEAR RAINFALL INTENSITY(INCH/HOUR) =  4.743
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      5.35
  TOTAL AREA(ACRES) =      1.41   TOTAL RUNOFF(CFS) =      5.35

****************************************************************************
  FLOW PROCESS FROM NODE    161.00 TO NODE     27.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.00  DOWNSTREAM(FEET) =   343.30
  FLOW LENGTH(FEET) =    84.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   6.6 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  12.08
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       5.35
  PIPE TRAVEL TIME(MIN.) =   0.12    Tc(MIN.) =    4.17
  LONGEST FLOWPATH FROM NODE    160.00 TO NODE     27.00 =     434.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     27.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.17
  RAINFALL INTENSITY(INCH/HR) =   4.74
  TOTAL STREAM AREA(ACRES) =     1.41
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      5.35

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       21.26     7.05        3.800          5.90
      2        5.35     4.17        4.743          1.41

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       22.39     4.17       4.743
      2       25.55     7.05       3.800

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      25.55   Tc(MIN.) =    7.05
```

```
  TOTAL AREA(ACRES) =        7.3
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     27.00 =    1558.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     19.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.30  DOWNSTREAM(FEET) =   342.20
  FLOW LENGTH(FEET) =   225.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   8.13
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      25.55
  PIPE TRAVEL TIME(MIN.) =   0.46    Tc(MIN.) =    7.51
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     19.00 =    1783.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  11
----------------------------------------------------------------------------
  >>>>>CONFLUENCE MEMORY BANK # 1 WITH THE MAIN-STREAM MEMORY<<<<<
============================================================================

  ** MAIN STREAM CONFLUENCE DATA **
  STREAM     RUNOFF      Tc      INTENSITY     AREA
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)   (ACRE)
      1       25.55     7.51       3.648        7.31
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     19.00 =    1783.00 FEET.

  ** MEMORY BANK #  1 CONFLUENCE DATA **
  STREAM     RUNOFF      Tc      INTENSITY     AREA
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)   (ACRE)
      1       18.69     8.24       3.436        6.01
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     19.00 =    1447.00 FEET.

  ** PEAK FLOW RATE TABLE **
  STREAM    RUNOFF       Tc      INTENSITY
  NUMBER     (CFS)     (MIN.)   (INCH/HOUR)
      1      42.59       7.51        3.648
      2      42.76       8.24        3.436

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      42.76   Tc(MIN.) =    8.24
  TOTAL AREA(ACRES) =       13.3
============================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =       13.3  TC(MIN.) =      8.24
  PEAK FLOW RATE(CFS)   =      42.76
============================================================================
============================================================================
  END OF RATIONAL METHOD ANALYSIS
```

```
**************************************************************************

            RATIONAL METHOD HYDROLOGY COMPUTER PROGRAM PACKAGE
            Reference: SAN DIEGO COUNTY FLOOD CONTROL DISTRICT
                         2003,1985,1981 HYDROLOGY MANUAL
          (c) Copyright 1982-2015 Advanced Engineering Software (aes)
              Ver. 22.0 Release Date: 07/01/2015  License ID 1510

                              Analysis prepared by:

                              DRC Engineering, Inc.
                        160 South Old Springs Road, Suite 210
                               Anaheim Hills, CA 92808
                                    714-685-6860

 ************************* DESCRIPTION OF STUDY *************************
* 22-534 Palisade Santee                                                 *
* Proposed Condition                                                     *
* 50 Year                                                               *
 ************************************************************************

  FILE NAME: 22534P.DAT
  TIME/DATE OF STUDY: 15:01 07/13/2023
------------------------------------------------------------------------
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
------------------------------------------------------------------------
  2003 SAN DIEGO MANUAL CRITERIA

  USER SPECIFIED STORM EVENT(YEAR) =  50.00
  6-HOUR DURATION PRECIPITATION (INCHES) =   2.400
  SPECIFIED MINIMUM PIPE SIZE(INCH) =  12.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 1.00
  SAN DIEGO HYDROLOGY MANUAL "C"-VALUES USED FOR RATIONAL METHOD
  NOTE: USE MODIFIED RATIONAL METHOD PROCEDURES FOR CONFLUENCE ANALYSIS
  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*

**************************************************************************
  FLOW PROCESS FROM NODE     10.00 TO NODE     11.00 IS CODE =  21
------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   825.00
  UPSTREAM ELEVATION(FEET) =    368.80
  DOWNSTREAM ELEVATION(FEET) =    355.91
```

```
  ELEVATION DIFFERENCE(FEET) =     12.89
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.850
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    68.44
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =     17.65
  TOTAL AREA(ACRES) =      3.49   TOTAL RUNOFF(CFS) =     17.65

****************************************************************************
  FLOW PROCESS FROM NODE     11.00 TO NODE     11.50 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   355.91  DOWNSTREAM(FEET) =   349.80
  FLOW LENGTH(FEET) =  1146.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  19.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.49
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      17.65
  PIPE TRAVEL TIME(MIN.) =   2.94    Tc(MIN.) =    6.79
  LONGEST FLOWPATH FROM NODE     10.00 TO NODE     11.50 =    1971.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE      0.00 TO NODE      0.00 IS CODE =  13
----------------------------------------------------------------------------
  >>>>>CLEAR THE MAIN-STREAM MEMORY<<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     30.00 TO NODE     31.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   233.00
  UPSTREAM ELEVATION(FEET) =    357.10
  DOWNSTREAM ELEVATION(FEET) =    355.50
  ELEVATION DIFFERENCE(FEET) =      1.60
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.487
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    53.73
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      2.73
  TOTAL AREA(ACRES) =      0.54   TOTAL RUNOFF(CFS) =      2.73

****************************************************************************
  FLOW PROCESS FROM NODE     31.00 TO NODE     12.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
```

```
  ELEVATION DATA: UPSTREAM(FEET) =   351.50  DOWNSTREAM(FEET) =   349.70
  FLOW LENGTH(FEET) =    22.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   4.1 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.65
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.73
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    4.52
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     12.00 =     255.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     12.00 TO NODE     13.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.70  DOWNSTREAM(FEET) =   346.70
  FLOW LENGTH(FEET) =   355.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS   5.6 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   4.85
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.73
  PIPE TRAVEL TIME(MIN.) =   1.22    Tc(MIN.) =    5.74
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     13.00 =     610.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  3
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    5.74
  RAINFALL INTENSITY(INCH/HR) =   5.79
  TOTAL STREAM AREA(ACRES) =     0.54
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      2.73

****************************************************************************
  FLOW PROCESS FROM NODE     40.00 TO NODE     41.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   197.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.936
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    65.56
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      2.93
  TOTAL AREA(ACRES) =      0.58   TOTAL RUNOFF(CFS) =      2.93

****************************************************************************
  FLOW PROCESS FROM NODE     41.00 TO NODE     13.00 IS CODE =  41
```

```
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   346.70
  FLOW LENGTH(FEET) =    22.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   3.3 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  16.65
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.93
  PIPE TRAVEL TIME(MIN.) =   0.02    Tc(MIN.) =    3.96
  LONGEST FLOWPATH FROM NODE     40.00 TO NODE     13.00 =     219.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  3
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.96
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     0.58
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      2.93

****************************************************************************
  FLOW PROCESS FROM NODE     50.00 TO NODE     51.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   371.00
  UPSTREAM ELEVATION(FEET) =    359.45
  DOWNSTREAM ELEVATION(FEET) =    354.20
  ELEVATION DIFFERENCE(FEET) =      5.25
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.914
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    66.23
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      5.62
  TOTAL AREA(ACRES) =      1.11   TOTAL RUNOFF(CFS) =      5.62

****************************************************************************
  FLOW PROCESS FROM NODE     51.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  3
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  3 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.91
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.11
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      5.62
```

```
  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        2.73     5.74        5.786          0.54
      2        2.93     3.96        6.323          0.58
      3        5.62     3.91        6.323          1.11

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  3 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       10.38     3.91       6.323
      2       10.43     3.96       6.323
      3       10.55     5.74       5.786

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      10.55   Tc(MIN.) =    5.74
  TOTAL AREA(ACRES) =        2.2
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     13.00 =     610.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     14.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   346.70  DOWNSTREAM(FEET) =   345.70
  FLOW LENGTH(FEET) =   173.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  12.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.11
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      10.55
  PIPE TRAVEL TIME(MIN.) =   0.47    Tc(MIN.) =    6.21
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     14.00 =     783.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     14.00 TO NODE     14.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.21
  RAINFALL INTENSITY(INCH/HR) =   5.50
  TOTAL STREAM AREA(ACRES) =     2.23
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     10.55

****************************************************************************
  FLOW PROCESS FROM NODE     60.00 TO NODE     61.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   151.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
```

```
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.771
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    71.82
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      1.82
  TOTAL AREA(ACRES) =      0.36   TOTAL RUNOFF(CFS) =      1.82

****************************************************************************
  FLOW PROCESS FROM NODE     61.00 TO NODE     14.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   345.70
  FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.8 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  13.34
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       1.82
  PIPE TRAVEL TIME(MIN.) =   0.04    Tc(MIN.) =    3.81
  LONGEST FLOWPATH FROM NODE     60.00 TO NODE     14.00 =     185.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     14.00 TO NODE     14.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.81
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     0.36
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.82

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       10.55     6.21        5.498          2.23
      2        1.82     3.81        6.323          0.36

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       11.00     3.81       6.323
      2       12.14     6.21       5.498

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      12.14   Tc(MIN.) =    6.21
  TOTAL AREA(ACRES) =        2.6
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     14.00 =     783.00 FEET.

****************************************************************************
```

```
 FLOW PROCESS FROM NODE     14.00 TO NODE     15.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =   345.70  DOWNSTREAM(FEET) =   344.60
 FLOW LENGTH(FEET) =   192.00   MANNING'S N =  0.012
 DEPTH OF FLOW IN  24.0 INCH PIPE IS  14.2 INCHES
 PIPE-FLOW VELOCITY(FEET/SEC.) =   6.30
 GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =      12.14
 PIPE TRAVEL TIME(MIN.) =   0.51    Tc(MIN.) =    6.72
 LONGEST FLOWPATH FROM NODE     30.00 TO NODE     15.00 =     975.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE     15.00 TO NODE     15.00 IS CODE =   1
----------------------------------------------------------------------------
 >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
 TOTAL NUMBER OF STREAMS =  2
 CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
 TIME OF CONCENTRATION(MIN.) =    6.72
 RAINFALL INTENSITY(INCH/HR) =   5.23
 TOTAL STREAM AREA(ACRES) =     2.59
 PEAK FLOW RATE(CFS) AT CONFLUENCE =     12.14

****************************************************************************
 FLOW PROCESS FROM NODE     70.00 TO NODE     71.00 IS CODE =  21
----------------------------------------------------------------------------
 >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
 GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
 SOIL CLASSIFICATION IS "A"
 S.C.S. CURVE NUMBER (AMC II) =  89
 INITIAL SUBAREA FLOW-LENGTH(FEET) =   148.00
 UPSTREAM ELEVATION(FEET) =    358.00
 DOWNSTREAM ELEVATION(FEET) =    355.30
 ELEVATION DIFFERENCE(FEET) =      2.70
 SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.760
 WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
          THE MAXIMUM OVERLAND FLOW LENGTH =    72.36
          (Reference: Table 3-1B of Hydrology Manual)
          THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
 NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
 SUBAREA RUNOFF(CFS) =      1.72
 TOTAL AREA(ACRES) =      0.34   TOTAL RUNOFF(CFS) =      1.72

****************************************************************************
 FLOW PROCESS FROM NODE     71.00 TO NODE     15.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   344.60
 FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
 DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.6 INCHES
 PIPE-FLOW VELOCITY(FEET/SEC.) =  13.96
 GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       1.72
```

```
  PIPE TRAVEL TIME(MIN.) =   0.04    Tc(MIN.) =    3.80
  LONGEST FLOWPATH FROM NODE     70.00 TO NODE     15.00 =     182.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     15.00 TO NODE     15.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.80
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     0.34
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.72

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       12.14     6.72        5.226          2.59
      2        1.72     3.80        6.323          0.34

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       11.75     3.80       6.323
      2       13.56     6.72       5.226

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      13.56   Tc(MIN.) =    6.72
  TOTAL AREA(ACRES) =        2.9
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     15.00 =     975.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     15.00 TO NODE     16.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   344.60  DOWNSTREAM(FEET) =   343.50
  FLOW LENGTH(FEET) =   192.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  15.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.45
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      13.56
  PIPE TRAVEL TIME(MIN.) =   0.50    Tc(MIN.) =    7.22
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     16.00 =    1167.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     16.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.22
  RAINFALL INTENSITY(INCH/HR) =   4.99
```

```
  TOTAL STREAM AREA(ACRES) =     2.93
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     13.56

****************************************************************************
  FLOW PROCESS FROM NODE     80.00 TO NODE     81.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   138.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.723
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    74.35
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      0.76
  TOTAL AREA(ACRES) =      0.15   TOTAL RUNOFF(CFS) =      0.76

****************************************************************************
  FLOW PROCESS FROM NODE     81.00 TO NODE     16.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   343.50
  FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   1.7 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.62
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       0.76
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    3.77
  LONGEST FLOWPATH FROM NODE     80.00 TO NODE     16.00 =     172.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     16.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.77
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     0.15
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      0.76

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       13.56     7.22        4.991          2.93
      2        0.76     3.77        6.323          0.15

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
```

```
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       11.46     3.77       6.323
      2       14.16     7.22       4.991

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      14.16   Tc(MIN.) =    7.22
  TOTAL AREA(ACRES) =        3.1
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     16.00 =    1167.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     17.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.50  DOWNSTREAM(FEET) =   342.70
  FLOW LENGTH(FEET) =   160.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  16.5 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.15
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      14.16
  PIPE TRAVEL TIME(MIN.) =   0.43    Tc(MIN.) =    7.65
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     17.00 =    1327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     17.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.65
  RAINFALL INTENSITY(INCH/HR) =   4.81
  TOTAL STREAM AREA(ACRES) =     3.08
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     14.16

****************************************************************************
  FLOW PROCESS FROM NODE     90.00 TO NODE     91.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   378.00
  UPSTREAM ELEVATION(FEET) =    358.40
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      5.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.872
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    67.62
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.49
```

```
  TOTAL AREA(ACRES) =      1.48   TOTAL RUNOFF(CFS) =      7.49

****************************************************************************
  FLOW PROCESS FROM NODE     91.00 TO NODE     17.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.70  DOWNSTREAM(FEET) =   342.70
  FLOW LENGTH(FEET) =    95.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   7.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  13.63
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.49
  PIPE TRAVEL TIME(MIN.) =   0.12    Tc(MIN.) =    3.99
  LONGEST FLOWPATH FROM NODE     90.00 TO NODE     17.00 =     473.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     17.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.99
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.48
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.49

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       14.16     7.65        4.807          3.08
      2        7.49     3.99        6.323          1.48

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       18.25     3.99       6.323
      2       19.85     7.65       4.807

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      19.85   Tc(MIN.) =    7.65
  TOTAL AREA(ACRES) =        4.6
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     17.00 =    1327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     18.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   342.70  DOWNSTREAM(FEET) =   342.30
  FLOW LENGTH(FEET) =    96.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.32
```

```
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      19.85
  PIPE TRAVEL TIME(MIN.) =   0.25    Tc(MIN.) =    7.90
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     18.00 =    1423.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     18.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.90
  RAINFALL INTENSITY(INCH/HR) =   4.71
  TOTAL STREAM AREA(ACRES) =     4.56
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     19.85

****************************************************************************
  FLOW PROCESS FROM NODE    100.00 TO NODE    101.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   369.00
  UPSTREAM ELEVATION(FEET) =    356.20
  DOWNSTREAM ELEVATION(FEET) =    352.00
  ELEVATION DIFFERENCE(FEET) =      4.20
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.075
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.07
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.34
  TOTAL AREA(ACRES) =      1.45   TOTAL RUNOFF(CFS) =      7.34

****************************************************************************
  FLOW PROCESS FROM NODE    101.00 TO NODE     18.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.00  DOWNSTREAM(FEET) =   342.30
  FLOW LENGTH(FEET) =    94.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  94.0 INCH PIPE IS   3.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  10.82
  GIVEN PIPE DIAMETER(INCH) =  94.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.34
  PIPE TRAVEL TIME(MIN.) =   0.14    Tc(MIN.) =    4.22
  LONGEST FLOWPATH FROM NODE    100.00 TO NODE     18.00 =     463.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     18.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
```

```
==========================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.22
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.45
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.34

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       19.85     7.90        4.707          4.56
      2        7.34     4.22        6.323          1.45

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       22.11     4.22       6.323
      2       25.31     7.90       4.707

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      25.31   Tc(MIN.) =    7.90
  TOTAL AREA(ACRES) =        6.0
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     18.00 =    1423.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     19.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   342.30  DOWNSTREAM(FEET) =   342.20
  FLOW LENGTH(FEET) =    24.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   8.06
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      25.31
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    7.95
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     19.00 =    1447.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  10
----------------------------------------------------------------------------
  >>>>>MAIN-STREAM MEMORY COPIED ONTO MEMORY BANK # 1 <<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  13
----------------------------------------------------------------------------
  >>>>>CLEAR THE MAIN-STREAM MEMORY<<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     20.00 TO NODE     21.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
```

```
==========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   288.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      3.40
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.046
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.71
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.08
  TOTAL AREA(ACRES) =      1.40   TOTAL RUNOFF(CFS) =      7.08

**************************************************************************
  FLOW PROCESS FROM NODE     21.00 TO NODE     22.00 IS CODE =  41
--------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
==========================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.10  DOWNSTREAM(FEET) =   349.10
  FLOW LENGTH(FEET) =   189.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   9.02
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.08
  PIPE TRAVEL TIME(MIN.) =   0.35    Tc(MIN.) =    4.40
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     22.00 =     477.00 FEET.

**************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     22.00 IS CODE =   1
--------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
==========================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.40
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.40
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.08

**************************************************************************
  FLOW PROCESS FROM NODE    110.00 TO NODE    111.00 IS CODE =  21
--------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
==========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   304.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      3.40
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.089
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
```

```
          THE MAXIMUM OVERLAND FLOW LENGTH =    61.78
          (Reference: Table 3-1B of Hydrology Manual)
          THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.03
  TOTAL AREA(ACRES) =      1.39   TOTAL RUNOFF(CFS) =      7.03

****************************************************************************
  FLOW PROCESS FROM NODE    111.00 TO NODE     22.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.20  DOWNSTREAM(FEET) =   349.10
  FLOW LENGTH(FEET) =    23.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   8.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  12.02
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.03
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    4.12
  LONGEST FLOWPATH FROM NODE    110.00 TO NODE     22.00 =     327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     22.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.12
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.39
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.03

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        7.08     4.40        6.323          1.40
      2        7.03     4.12        6.323          1.39

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       13.67     4.12       6.323
      2       14.11     4.40       6.323

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      14.11   Tc(MIN.) =    4.40
  TOTAL AREA(ACRES) =        2.8
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     22.00 =     477.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     23.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
```

```
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.10  DOWNSTREAM(FEET) =   348.50
  FLOW LENGTH(FEET) =   100.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   7.99
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      14.11
  PIPE TRAVEL TIME(MIN.) =   0.21    Tc(MIN.) =    4.60
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     23.00 =     577.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     23.00 TO NODE     23.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.60
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     2.79
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     14.11

****************************************************************************
  FLOW PROCESS FROM NODE    120.00 TO NODE    121.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   344.00
  UPSTREAM ELEVATION(FEET) =    358.60
  DOWNSTREAM ELEVATION(FEET) =    353.80
  ELEVATION DIFFERENCE(FEET) =      4.80
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.924
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    65.93
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      6.17
  TOTAL AREA(ACRES) =      1.22   TOTAL RUNOFF(CFS) =      6.17

****************************************************************************
  FLOW PROCESS FROM NODE    121.00 TO NODE     23.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.80  DOWNSTREAM(FEET) =   348.50
  FLOW LENGTH(FEET) =     3.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   4.0 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  26.66
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       6.17
  PIPE TRAVEL TIME(MIN.) =   0.00    Tc(MIN.) =    3.93
  LONGEST FLOWPATH FROM NODE    120.00 TO NODE     23.00 =     347.00 FEET.
```

```
****************************************************************************
  FLOW PROCESS FROM NODE     23.00 TO NODE     23.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.93
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.22
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      6.17

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       14.11     4.60        6.323          2.79
      2        6.17     3.93        6.323          1.22

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       20.29     3.93       6.323
      2       20.29     4.60       6.323

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      20.29   Tc(MIN.) =    4.60
  TOTAL AREA(ACRES) =        4.0
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     23.00 =     577.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     23.00 TO NODE     24.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.50  DOWNSTREAM(FEET) =   346.50
  FLOW LENGTH(FEET) =   381.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.48
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      20.29
  PIPE TRAVEL TIME(MIN.) =   0.55    Tc(MIN.) =    5.16
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     24.00 =     958.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     24.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    5.16
  RAINFALL INTENSITY(INCH/HR) =   6.20
  TOTAL STREAM AREA(ACRES) =     4.01
```

```
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     20.29

****************************************************************************
  FLOW PROCESS FROM NODE    130.00 TO NODE    131.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   193.00
  UPSTREAM ELEVATION(FEET) =    357.50
  DOWNSTREAM ELEVATION(FEET) =    354.30
  ELEVATION DIFFERENCE(FEET) =      3.20
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.814
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    69.87
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      1.11
  TOTAL AREA(ACRES) =      0.22   TOTAL RUNOFF(CFS) =      1.11

****************************************************************************
  FLOW PROCESS FROM NODE    131.00 TO NODE     24.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.30  DOWNSTREAM(FEET) =   346.50
  FLOW LENGTH(FEET) =    23.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.52
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       1.11
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    3.85
  LONGEST FLOWPATH FROM NODE    130.00 TO NODE     24.00 =     216.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     24.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.85
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     0.22
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.11

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       20.29     5.16        6.198          4.01
      2        1.11     3.85        6.323          0.22

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.
```

```
  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       21.00     3.85       6.323
      2       21.38     5.16       6.198

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      21.38   Tc(MIN.) =    5.16
  TOTAL AREA(ACRES) =        4.2
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     24.00 =     958.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     25.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   346.50  DOWNSTREAM(FEET) =   345.10
  FLOW LENGTH(FEET) =   245.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.80
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      21.38
  PIPE TRAVEL TIME(MIN.) =   0.60    Tc(MIN.) =    5.76
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     25.00 =    1203.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     25.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    5.76
  RAINFALL INTENSITY(INCH/HR) =   5.77
  TOTAL STREAM AREA(ACRES) =     4.23
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     21.38

****************************************************************************
  FLOW PROCESS FROM NODE    140.00 TO NODE    141.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   276.00
  UPSTREAM ELEVATION(FEET) =    356.00
  DOWNSTREAM ELEVATION(FEET) =    353.00
  ELEVATION DIFFERENCE(FEET) =      3.00
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.112
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.30
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      2.33
```

```
  TOTAL AREA(ACRES) =      0.46   TOTAL RUNOFF(CFS) =      2.33

****************************************************************************
  FLOW PROCESS FROM NODE    141.00 TO NODE     25.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   353.00  DOWNSTREAM(FEET) =   345.10
  FLOW LENGTH(FEET) =    24.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.6 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  18.28
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.33
  PIPE TRAVEL TIME(MIN.) =   0.02    Tc(MIN.) =    4.13
  LONGEST FLOWPATH FROM NODE    140.00 TO NODE     25.00 =     300.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     25.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.13
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     0.46
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      2.33

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       21.38     5.76        5.774          4.23
      2        2.33     4.13        6.323          0.46

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       21.84     4.13       6.323
      2       23.50     5.76       5.774

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      23.50   Tc(MIN.) =    5.76
  TOTAL AREA(ACRES) =        4.7
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     25.00 =    1203.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     26.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   345.10  DOWNSTREAM(FEET) =   343.60
  FLOW LENGTH(FEET) =   284.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   7.48
```

```
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      23.50
  PIPE TRAVEL TIME(MIN.) =   0.63    Tc(MIN.) =    6.39
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     26.00 =    1487.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     26.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.39
  RAINFALL INTENSITY(INCH/HR) =   5.40
  TOTAL STREAM AREA(ACRES) =     4.69
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     23.50

****************************************************************************
  FLOW PROCESS FROM NODE    150.00 TO NODE    151.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   231.00
  UPSTREAM ELEVATION(FEET) =    355.00
  DOWNSTREAM ELEVATION(FEET) =    352.40
  ELEVATION DIFFERENCE(FEET) =      2.60
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.084
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.88
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      6.12
  TOTAL AREA(ACRES) =      1.21   TOTAL RUNOFF(CFS) =      6.12

****************************************************************************
  FLOW PROCESS FROM NODE    151.00 TO NODE     26.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.40  DOWNSTREAM(FEET) =   343.60
  FLOW LENGTH(FEET) =    45.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   5.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  15.94
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       6.12
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    4.13
  LONGEST FLOWPATH FROM NODE    150.00 TO NODE     26.00 =     276.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     26.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
```

```
==========================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.13
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.21
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      6.12

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       23.50     6.39        5.398          4.69
      2        6.12     4.13        6.323          1.21

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       26.18     4.13       6.323
      2       28.73     6.39       5.398

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      28.73   Tc(MIN.) =    6.39
  TOTAL AREA(ACRES) =        5.9
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     26.00 =    1487.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     27.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.60  DOWNSTREAM(FEET) =   343.30
  FLOW LENGTH(FEET) =    71.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   9.14
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      28.73
  PIPE TRAVEL TIME(MIN.) =   0.13    Tc(MIN.) =    6.52
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     27.00 =    1558.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     27.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.52
  RAINFALL INTENSITY(INCH/HR) =   5.33
  TOTAL STREAM AREA(ACRES) =     5.90
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     28.73

****************************************************************************
  FLOW PROCESS FROM NODE    160.00 TO NODE    161.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
```

```
==========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   350.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.00
  ELEVATION DIFFERENCE(FEET) =      4.10
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.052
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.57
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
    50 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.323
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.13
  TOTAL AREA(ACRES) =      1.41   TOTAL RUNOFF(CFS) =      7.13

**************************************************************************
  FLOW PROCESS FROM NODE    161.00 TO NODE     27.00 IS CODE =  41
--------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
==========================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.00  DOWNSTREAM(FEET) =   343.30
  FLOW LENGTH(FEET) =    84.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   8.0 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  12.86
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.13
  PIPE TRAVEL TIME(MIN.) =   0.11    Tc(MIN.) =    4.16
  LONGEST FLOWPATH FROM NODE    160.00 TO NODE     27.00 =     434.00 FEET.

**************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     27.00 IS CODE =   1
--------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
==========================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.16
  RAINFALL INTENSITY(INCH/HR) =   6.32
  TOTAL STREAM AREA(ACRES) =     1.41
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.13

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       28.73     6.52        5.329          5.90
      2        7.13     4.16        6.323          1.41

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       31.34     4.16       6.323
      2       34.74     6.52       5.329
```

```
  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      34.74   Tc(MIN.) =    6.52
  TOTAL AREA(ACRES) =        7.3
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     27.00 =    1558.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     19.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.30  DOWNSTREAM(FEET) =   342.20
  FLOW LENGTH(FEET) =   225.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.06
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      34.74
  PIPE TRAVEL TIME(MIN.) =   0.34    Tc(MIN.) =    6.86
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     19.00 =    1783.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  11
----------------------------------------------------------------------------
  >>>>>CONFLUENCE MEMORY BANK # 1 WITH THE MAIN-STREAM MEMORY<<<<<
============================================================================

  ** MAIN STREAM CONFLUENCE DATA **
  STREAM     RUNOFF      Tc      INTENSITY     AREA
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)   (ACRE)
      1       34.74     6.86       5.157        7.31
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     19.00 =    1783.00 FEET.

  ** MEMORY BANK #  1 CONFLUENCE DATA **
  STREAM     RUNOFF      Tc      INTENSITY     AREA
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)   (ACRE)
      1       25.31     7.95       4.688        6.01
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     19.00 =    1447.00 FEET.

  ** PEAK FLOW RATE TABLE **
  STREAM    RUNOFF       Tc      INTENSITY
  NUMBER     (CFS)     (MIN.)   (INCH/HOUR)
      1      56.57       6.86        5.157
      2      56.89       7.95        4.688

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      56.89   Tc(MIN.) =    7.95
  TOTAL AREA(ACRES) =       13.3
============================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =       13.3  TC(MIN.) =      7.95
  PEAK FLOW RATE(CFS)   =      56.89
============================================================================
============================================================================
  END OF RATIONAL METHOD ANALYSIS
```

```
**************************************************************************

            RATIONAL METHOD HYDROLOGY COMPUTER PROGRAM PACKAGE
            Reference: SAN DIEGO COUNTY FLOOD CONTROL DISTRICT
                         2003,1985,1981 HYDROLOGY MANUAL
          (c) Copyright 1982-2015 Advanced Engineering Software (aes)
              Ver. 22.0 Release Date: 07/01/2015  License ID 1510

                              Analysis prepared by:

                              DRC Engineering, Inc.
                        160 South Old Springs Road, Suite 210
                               Anaheim Hills, CA 92808
                                    714-685-6860

 ************************* DESCRIPTION OF STUDY *************************
* 22-534 Palisade Santee                                                 *
* Proposed Condition                                                     *
* 100 Year                                                              *
 ************************************************************************

  FILE NAME: 22534P.DAT
  TIME/DATE OF STUDY: 15:02 07/13/2023
------------------------------------------------------------------------
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
------------------------------------------------------------------------
  2003 SAN DIEGO MANUAL CRITERIA

  USER SPECIFIED STORM EVENT(YEAR) = 100.00
  6-HOUR DURATION PRECIPITATION (INCHES) =   2.600
  SPECIFIED MINIMUM PIPE SIZE(INCH) =  12.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 1.00
  SAN DIEGO HYDROLOGY MANUAL "C"-VALUES USED FOR RATIONAL METHOD
  NOTE: USE MODIFIED RATIONAL METHOD PROCEDURES FOR CONFLUENCE ANALYSIS
  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*

**************************************************************************
  FLOW PROCESS FROM NODE     10.00 TO NODE     11.00 IS CODE =  21
------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   825.00
  UPSTREAM ELEVATION(FEET) =    368.80
  DOWNSTREAM ELEVATION(FEET) =    355.91
```

```
  ELEVATION DIFFERENCE(FEET) =     12.89
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.850
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    68.44
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =     19.13
  TOTAL AREA(ACRES) =      3.49   TOTAL RUNOFF(CFS) =     19.13

****************************************************************************
  FLOW PROCESS FROM NODE     11.00 TO NODE     11.50 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   355.91  DOWNSTREAM(FEET) =   349.80
  FLOW LENGTH(FEET) =  1146.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.09
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      19.13
  PIPE TRAVEL TIME(MIN.) =   3.14    Tc(MIN.) =    6.99
  LONGEST FLOWPATH FROM NODE     10.00 TO NODE     11.50 =    1971.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE      0.00 TO NODE      0.00 IS CODE =  13
----------------------------------------------------------------------------
  >>>>>CLEAR THE MAIN-STREAM MEMORY<<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     30.00 TO NODE     31.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   233.00
  UPSTREAM ELEVATION(FEET) =    357.10
  DOWNSTREAM ELEVATION(FEET) =    355.50
  ELEVATION DIFFERENCE(FEET) =      1.60
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.487
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    53.73
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      2.96
  TOTAL AREA(ACRES) =      0.54   TOTAL RUNOFF(CFS) =      2.96

****************************************************************************
  FLOW PROCESS FROM NODE     31.00 TO NODE     12.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
```

```
==========================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.50  DOWNSTREAM(FEET) =   349.70
  FLOW LENGTH(FEET) =    22.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   4.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.91
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.96
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    4.52
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     12.00 =     255.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     12.00 TO NODE     13.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
==========================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.70  DOWNSTREAM(FEET) =   346.70
  FLOW LENGTH(FEET) =   355.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS   5.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   4.97
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.96
  PIPE TRAVEL TIME(MIN.) =   1.19    Tc(MIN.) =    5.71
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     13.00 =     610.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
==========================================================================
  TOTAL NUMBER OF STREAMS =  3
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    5.71
  RAINFALL INTENSITY(INCH/HR) =   6.29
  TOTAL STREAM AREA(ACRES) =     0.54
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      2.96

****************************************************************************
  FLOW PROCESS FROM NODE     40.00 TO NODE     41.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
==========================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   197.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.936
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    65.56
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      3.18
  TOTAL AREA(ACRES) =      0.58   TOTAL RUNOFF(CFS) =      3.18

****************************************************************************
```

```
 FLOW PROCESS FROM NODE     41.00 TO NODE     13.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   346.70
 FLOW LENGTH(FEET) =    22.00   MANNING'S N =  0.012
 DEPTH OF FLOW IN  12.0 INCH PIPE IS   3.4 INCHES
 PIPE-FLOW VELOCITY(FEET/SEC.) =  17.05
 GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       3.18
 PIPE TRAVEL TIME(MIN.) =   0.02    Tc(MIN.) =    3.96
 LONGEST FLOWPATH FROM NODE     40.00 TO NODE     13.00 =     219.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE     13.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
 >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
 TOTAL NUMBER OF STREAMS =  3
 CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
 TIME OF CONCENTRATION(MIN.) =    3.96
 RAINFALL INTENSITY(INCH/HR) =   6.85
 TOTAL STREAM AREA(ACRES) =     0.58
 PEAK FLOW RATE(CFS) AT CONFLUENCE =      3.18

****************************************************************************
 FLOW PROCESS FROM NODE     50.00 TO NODE     51.00 IS CODE =  21
----------------------------------------------------------------------------
 >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
 GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
 SOIL CLASSIFICATION IS "A"
 S.C.S. CURVE NUMBER (AMC II) =  89
 INITIAL SUBAREA FLOW-LENGTH(FEET) =   371.00
 UPSTREAM ELEVATION(FEET) =    359.45
 DOWNSTREAM ELEVATION(FEET) =    354.20
 ELEVATION DIFFERENCE(FEET) =      5.25
 SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.914
 WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
          THE MAXIMUM OVERLAND FLOW LENGTH =    66.23
          (Reference: Table 3-1B of Hydrology Manual)
          THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
  100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
 NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
 SUBAREA RUNOFF(CFS) =      6.08
 TOTAL AREA(ACRES) =      1.11   TOTAL RUNOFF(CFS) =      6.08

****************************************************************************
 FLOW PROCESS FROM NODE     51.00 TO NODE     13.00 IS CODE =   1
----------------------------------------------------------------------------
 >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
 >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
 TOTAL NUMBER OF STREAMS =  3
 CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  3 ARE:
 TIME OF CONCENTRATION(MIN.) =    3.91
 RAINFALL INTENSITY(INCH/HR) =   6.85
 TOTAL STREAM AREA(ACRES) =     1.11
 PEAK FLOW RATE(CFS) AT CONFLUENCE =      6.08
```

```
  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        2.96     5.71        6.289          0.54
      2        3.18     3.96        6.850          0.58
      3        6.08     3.91        6.850          1.11

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  3 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       11.26     3.91       6.850
      2       11.31     3.96       6.850
      3       11.46     5.71       6.289

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      11.46   Tc(MIN.) =    5.71
  TOTAL AREA(ACRES) =        2.2
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     13.00 =     610.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     13.00 TO NODE     14.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   346.70  DOWNSTREAM(FEET) =   345.70
  FLOW LENGTH(FEET) =   173.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  13.6 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.23
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      11.46
  PIPE TRAVEL TIME(MIN.) =   0.46    Tc(MIN.) =    6.17
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     14.00 =     783.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     14.00 TO NODE     14.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.17
  RAINFALL INTENSITY(INCH/HR) =   5.98
  TOTAL STREAM AREA(ACRES) =     2.23
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     11.46

****************************************************************************
  FLOW PROCESS FROM NODE     60.00 TO NODE     61.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   151.00
  UPSTREAM ELEVATION(FEET) =    358.00
```

```
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.771
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    71.82
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      1.97
  TOTAL AREA(ACRES) =      0.36   TOTAL RUNOFF(CFS) =      1.97

****************************************************************************
  FLOW PROCESS FROM NODE     61.00 TO NODE     14.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   345.70
  FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  13.62
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       1.97
  PIPE TRAVEL TIME(MIN.) =   0.04    Tc(MIN.) =    3.81
  LONGEST FLOWPATH FROM NODE     60.00 TO NODE     14.00 =     185.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     14.00 TO NODE     14.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.81
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     0.36
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.97

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       11.46     6.17        5.981          2.23
      2        1.97     3.81        6.850          0.36

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF       Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       11.98     3.81       6.850
      2       13.18     6.17       5.981

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      13.18   Tc(MIN.) =    6.17
  TOTAL AREA(ACRES) =        2.6
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     14.00 =     783.00 FEET.
```

```
****************************************************************************
  FLOW PROCESS FROM NODE     14.00 TO NODE     15.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   345.70  DOWNSTREAM(FEET) =   344.60
  FLOW LENGTH(FEET) =   192.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  14.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.41
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      13.18
  PIPE TRAVEL TIME(MIN.) =   0.50    Tc(MIN.) =    6.67
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     15.00 =     975.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     15.00 TO NODE     15.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.67
  RAINFALL INTENSITY(INCH/HR) =   5.69
  TOTAL STREAM AREA(ACRES) =     2.59
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     13.18

****************************************************************************
  FLOW PROCESS FROM NODE     70.00 TO NODE     71.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   148.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.760
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    72.36
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      1.86
  TOTAL AREA(ACRES) =      0.34   TOTAL RUNOFF(CFS) =      1.86

****************************************************************************
  FLOW PROCESS FROM NODE     71.00 TO NODE     15.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   344.60
  FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.7 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  14.29
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
```

```
  PIPE-FLOW(CFS) =       1.86
  PIPE TRAVEL TIME(MIN.) =   0.04    Tc(MIN.) =    3.80
  LONGEST FLOWPATH FROM NODE     70.00 TO NODE     15.00 =     182.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     15.00 TO NODE     15.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.80
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     0.34
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.86

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       13.18     6.67        5.688          2.59
      2        1.86     3.80        6.850          0.34

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       12.81     3.80       6.850
      2       14.73     6.67       5.688

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      14.73   Tc(MIN.) =    6.67
  TOTAL AREA(ACRES) =        2.9
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     15.00 =     975.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     15.00 TO NODE     16.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   344.60  DOWNSTREAM(FEET) =   343.50
  FLOW LENGTH(FEET) =   192.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  16.1 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.55
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      14.73
  PIPE TRAVEL TIME(MIN.) =   0.49    Tc(MIN.) =    7.16
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     16.00 =    1167.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     16.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.16
```

```
  RAINFALL INTENSITY(INCH/HR) =   5.43
  TOTAL STREAM AREA(ACRES) =     2.93
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     14.73

****************************************************************************
  FLOW PROCESS FROM NODE     80.00 TO NODE     81.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   138.00
  UPSTREAM ELEVATION(FEET) =    358.00
  DOWNSTREAM ELEVATION(FEET) =    355.30
  ELEVATION DIFFERENCE(FEET) =      2.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.723
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    74.35
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      0.82
  TOTAL AREA(ACRES) =      0.15   TOTAL RUNOFF(CFS) =      0.82

****************************************************************************
  FLOW PROCESS FROM NODE     81.00 TO NODE     16.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   351.30  DOWNSTREAM(FEET) =   343.50
  FLOW LENGTH(FEET) =    34.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   1.7 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.81
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       0.82
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    3.77
  LONGEST FLOWPATH FROM NODE     80.00 TO NODE     16.00 =     172.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     16.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.77
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     0.15
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      0.82

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       14.73     7.16        5.435          2.93
      2        0.82     3.77        6.850          0.15
```

```
  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       12.51     3.77       6.850
      2       15.38     7.16       5.435

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      15.38   Tc(MIN.) =    7.16
  TOTAL AREA(ACRES) =        3.1
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     16.00 =    1167.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     16.00 TO NODE     17.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.50  DOWNSTREAM(FEET) =   342.70
  FLOW LENGTH(FEET) =   160.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  24.0 INCH PIPE IS  17.6 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.23
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      15.38
  PIPE TRAVEL TIME(MIN.) =   0.43    Tc(MIN.) =    7.59
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     17.00 =    1327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     17.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.59
  RAINFALL INTENSITY(INCH/HR) =   5.23
  TOTAL STREAM AREA(ACRES) =     3.08
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     15.38

****************************************************************************
  FLOW PROCESS FROM NODE     90.00 TO NODE     91.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   378.00
  UPSTREAM ELEVATION(FEET) =    358.40
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      5.70
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.872
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    67.62
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
```

```
  SUBAREA RUNOFF(CFS) =      8.11
  TOTAL AREA(ACRES) =      1.48   TOTAL RUNOFF(CFS) =      8.11

****************************************************************************
  FLOW PROCESS FROM NODE     91.00 TO NODE     17.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.70  DOWNSTREAM(FEET) =   342.70
  FLOW LENGTH(FEET) =    95.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   8.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  13.82
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       8.11
  PIPE TRAVEL TIME(MIN.) =   0.11    Tc(MIN.) =    3.99
  LONGEST FLOWPATH FROM NODE     90.00 TO NODE     17.00 =     473.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     17.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.99
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     1.48
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      8.11

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       15.38     7.59        5.235          3.08
      2        8.11     3.99        6.850          1.48

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       19.87     3.99       6.850
      2       21.58     7.59       5.235

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      21.58   Tc(MIN.) =    7.59
  TOTAL AREA(ACRES) =        4.6
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     17.00 =    1327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     17.00 TO NODE     18.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   342.70  DOWNSTREAM(FEET) =   342.30
  FLOW LENGTH(FEET) =    96.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
```

```
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.87
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      21.58
  PIPE TRAVEL TIME(MIN.) =   0.23    Tc(MIN.) =    7.82
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     18.00 =    1423.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     18.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    7.82
  RAINFALL INTENSITY(INCH/HR) =   5.13
  TOTAL STREAM AREA(ACRES) =     4.56
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     21.58

****************************************************************************
  FLOW PROCESS FROM NODE    100.00 TO NODE    101.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   369.00
  UPSTREAM ELEVATION(FEET) =    356.20
  DOWNSTREAM ELEVATION(FEET) =    352.00
  ELEVATION DIFFERENCE(FEET) =      4.20
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.075
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.07
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.95
  TOTAL AREA(ACRES) =      1.45   TOTAL RUNOFF(CFS) =      7.95

****************************************************************************
  FLOW PROCESS FROM NODE    101.00 TO NODE     18.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.00  DOWNSTREAM(FEET) =   342.30
  FLOW LENGTH(FEET) =    94.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  94.0 INCH PIPE IS   4.0 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.09
  GIVEN PIPE DIAMETER(INCH) =  94.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.95
  PIPE TRAVEL TIME(MIN.) =   0.14    Tc(MIN.) =    4.22
  LONGEST FLOWPATH FROM NODE    100.00 TO NODE     18.00 =     463.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     18.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
```

```
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
================================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.22
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     1.45
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.95

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       21.58     7.82        5.134          4.56
      2        7.95     4.22        6.850          1.45

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       24.12     4.22       6.850
      2       27.54     7.82       5.134

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      27.54   Tc(MIN.) =    7.82
  TOTAL AREA(ACRES) =        6.0
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     18.00 =    1423.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     18.00 TO NODE     19.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   342.30  DOWNSTREAM(FEET) =   342.20
  FLOW LENGTH(FEET) =    24.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   8.77
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      27.54
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    7.87
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     19.00 =    1447.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  10
----------------------------------------------------------------------------
  >>>>>MAIN-STREAM MEMORY COPIED ONTO MEMORY BANK # 1 <<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  13
----------------------------------------------------------------------------
  >>>>>CLEAR THE MAIN-STREAM MEMORY<<<<<
============================================================================

****************************************************************************
  FLOW PROCESS FROM NODE     20.00 TO NODE     21.00 IS CODE =  21
----------------------------------------------------------------------------
```

```
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
================================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   288.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      3.40
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.046
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.71
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.67
  TOTAL AREA(ACRES) =      1.40   TOTAL RUNOFF(CFS) =      7.67

****************************************************************************
  FLOW PROCESS FROM NODE     21.00 TO NODE     22.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
================================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.10  DOWNSTREAM(FEET) =   349.10
  FLOW LENGTH(FEET) =   189.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   9.77
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.67
  PIPE TRAVEL TIME(MIN.) =   0.32    Tc(MIN.) =    4.37
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     22.00 =     477.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     22.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
================================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.37
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     1.40
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.67

****************************************************************************
  FLOW PROCESS FROM NODE    110.00 TO NODE    111.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
================================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   304.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.70
  ELEVATION DIFFERENCE(FEET) =      3.40
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.089
```

```
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.78
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.62
  TOTAL AREA(ACRES) =      1.39   TOTAL RUNOFF(CFS) =      7.62

****************************************************************************
  FLOW PROCESS FROM NODE    111.00 TO NODE     22.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.20  DOWNSTREAM(FEET) =   349.10
  FLOW LENGTH(FEET) =    23.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   8.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  12.17
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.62
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    4.12
  LONGEST FLOWPATH FROM NODE    110.00 TO NODE     22.00 =     327.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     22.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.12
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     1.39
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.62

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1        7.67     4.37        6.850          1.40
      2        7.62     4.12        6.850          1.39

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       14.85     4.12       6.850
      2       15.29     4.37       6.850

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      15.29   Tc(MIN.) =    4.37
  TOTAL AREA(ACRES) =        2.8
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     22.00 =     477.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     22.00 TO NODE     23.00 IS CODE =  41
----------------------------------------------------------------------------
```

```
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.10  DOWNSTREAM(FEET) =   348.50
  FLOW LENGTH(FEET) =   100.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   8.65
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      15.29
  PIPE TRAVEL TIME(MIN.) =   0.19    Tc(MIN.) =    4.56
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     23.00 =     577.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     23.00 TO NODE     23.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.56
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     2.79
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     15.29

****************************************************************************
  FLOW PROCESS FROM NODE    120.00 TO NODE    121.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   344.00
  UPSTREAM ELEVATION(FEET) =    358.60
  DOWNSTREAM ELEVATION(FEET) =    353.80
  ELEVATION DIFFERENCE(FEET) =      4.80
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.924
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    65.93
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      6.69
  TOTAL AREA(ACRES) =      1.22   TOTAL RUNOFF(CFS) =      6.69

****************************************************************************
  FLOW PROCESS FROM NODE    121.00 TO NODE     23.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   349.80  DOWNSTREAM(FEET) =   348.50
  FLOW LENGTH(FEET) =     3.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   4.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  27.27
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       6.69
  PIPE TRAVEL TIME(MIN.) =   0.00    Tc(MIN.) =    3.93
```

```
 LONGEST FLOWPATH FROM NODE    120.00 TO NODE     23.00 =     347.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE     23.00 TO NODE     23.00 IS CODE =   1
----------------------------------------------------------------------------
 >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
 >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
 TOTAL NUMBER OF STREAMS =  2
 CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
 TIME OF CONCENTRATION(MIN.) =    3.93
 RAINFALL INTENSITY(INCH/HR) =   6.85
 TOTAL STREAM AREA(ACRES) =     1.22
 PEAK FLOW RATE(CFS) AT CONFLUENCE =      6.69

 ** CONFLUENCE DATA **
 STREAM     RUNOFF       Tc      INTENSITY      AREA
 NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
     1       15.29     4.56        6.850          2.79
     2        6.69     3.93        6.850          1.22

 RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
 CONFLUENCE FORMULA USED FOR  2 STREAMS.

 ** PEAK FLOW RATE TABLE **
 STREAM     RUNOFF      Tc      INTENSITY
 NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
     1       21.98     3.93       6.850
     2       21.98     4.56       6.850

 COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
 PEAK FLOW RATE(CFS) =      21.98   Tc(MIN.) =    4.56
 TOTAL AREA(ACRES) =        4.0
 LONGEST FLOWPATH FROM NODE     20.00 TO NODE     23.00 =     577.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE     23.00 TO NODE     24.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =   348.50  DOWNSTREAM(FEET) =   346.50
 FLOW LENGTH(FEET) =   381.00   MANNING'S N =  0.012
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =  12.44
 PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
 GIVEN PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =      21.98
 PIPE TRAVEL TIME(MIN.) =   0.51    Tc(MIN.) =    5.07
 LONGEST FLOWPATH FROM NODE     20.00 TO NODE     24.00 =     958.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE     24.00 TO NODE     24.00 IS CODE =   1
----------------------------------------------------------------------------
 >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
 TOTAL NUMBER OF STREAMS =  2
 CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
 TIME OF CONCENTRATION(MIN.) =    5.07
 RAINFALL INTENSITY(INCH/HR) =   6.79
```

```
  TOTAL STREAM AREA(ACRES) =     4.01
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     21.98

****************************************************************************
  FLOW PROCESS FROM NODE    130.00 TO NODE    131.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   193.00
  UPSTREAM ELEVATION(FEET) =    357.50
  DOWNSTREAM ELEVATION(FEET) =    354.30
  ELEVATION DIFFERENCE(FEET) =      3.20
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    3.814
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    69.87
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      1.21
  TOTAL AREA(ACRES) =      0.22   TOTAL RUNOFF(CFS) =      1.21

****************************************************************************
  FLOW PROCESS FROM NODE    131.00 TO NODE     24.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   350.30  DOWNSTREAM(FEET) =   346.50
  FLOW LENGTH(FEET) =    23.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  11.83
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       1.21
  PIPE TRAVEL TIME(MIN.) =   0.03    Tc(MIN.) =    3.85
  LONGEST FLOWPATH FROM NODE    130.00 TO NODE     24.00 =     216.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     24.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    3.85
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     0.22
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      1.21

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       21.98     5.07        6.788          4.01
      2        1.21     3.85        6.850          0.22

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
```

```
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       22.98     3.85       6.850
      2       23.17     5.07       6.788

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      23.17   Tc(MIN.) =    5.07
  TOTAL AREA(ACRES) =        4.2
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     24.00 =     958.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     24.00 TO NODE     25.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   346.50  DOWNSTREAM(FEET) =   345.10
  FLOW LENGTH(FEET) =   245.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   7.38
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      23.17
  PIPE TRAVEL TIME(MIN.) =   0.55    Tc(MIN.) =    5.63
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     25.00 =    1203.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     25.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    5.63
  RAINFALL INTENSITY(INCH/HR) =   6.35
  TOTAL STREAM AREA(ACRES) =     4.23
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     23.17

****************************************************************************
  FLOW PROCESS FROM NODE    140.00 TO NODE    141.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   276.00
  UPSTREAM ELEVATION(FEET) =    356.00
  DOWNSTREAM ELEVATION(FEET) =    353.00
  ELEVATION DIFFERENCE(FEET) =      3.00
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.112
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.30
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
```

```
  SUBAREA RUNOFF(CFS) =      2.52
  TOTAL AREA(ACRES) =      0.46   TOTAL RUNOFF(CFS) =      2.52

****************************************************************************
  FLOW PROCESS FROM NODE    141.00 TO NODE     25.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   353.00  DOWNSTREAM(FEET) =   345.10
  FLOW LENGTH(FEET) =    24.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   2.7 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  18.73
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.52
  PIPE TRAVEL TIME(MIN.) =   0.02    Tc(MIN.) =    4.13
  LONGEST FLOWPATH FROM NODE    140.00 TO NODE     25.00 =     300.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     25.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.13
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     0.46
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      2.52

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       23.17     5.63        6.349          4.23
      2        2.52     4.13        6.850          0.46

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       24.00     4.13       6.850
      2       25.51     5.63       6.349

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      25.51   Tc(MIN.) =    5.63
  TOTAL AREA(ACRES) =        4.7
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     25.00 =    1203.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     25.00 TO NODE     26.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   345.10  DOWNSTREAM(FEET) =   343.60
  FLOW LENGTH(FEET) =   284.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
```

```
  PIPE-FLOW VELOCITY(FEET/SEC.) =   8.12
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      25.51
  PIPE TRAVEL TIME(MIN.) =   0.58    Tc(MIN.) =    6.21
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     26.00 =    1487.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     26.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.21
  RAINFALL INTENSITY(INCH/HR) =   5.96
  TOTAL STREAM AREA(ACRES) =     4.69
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     25.51

****************************************************************************
  FLOW PROCESS FROM NODE    150.00 TO NODE    151.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
============================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   231.00
  UPSTREAM ELEVATION(FEET) =    355.00
  DOWNSTREAM ELEVATION(FEET) =    352.40
  ELEVATION DIFFERENCE(FEET) =      2.60
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.084
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    61.88
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      6.63
  TOTAL AREA(ACRES) =      1.21   TOTAL RUNOFF(CFS) =      6.63

****************************************************************************
  FLOW PROCESS FROM NODE    151.00 TO NODE     26.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.40  DOWNSTREAM(FEET) =   343.60
  FLOW LENGTH(FEET) =    45.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   6.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  16.26
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       6.63
  PIPE TRAVEL TIME(MIN.) =   0.05    Tc(MIN.) =    4.13
  LONGEST FLOWPATH FROM NODE    150.00 TO NODE     26.00 =     276.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     26.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
```

```
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
================================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.13
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     1.21
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      6.63

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       25.51     6.21        5.958          4.69
      2        6.63     4.13        6.850          1.21

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       28.81     4.13       6.850
      2       31.27     6.21       5.958

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      31.27   Tc(MIN.) =    6.21
  TOTAL AREA(ACRES) =        5.9
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     26.00 =    1487.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     26.00 TO NODE     27.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.60  DOWNSTREAM(FEET) =   343.30
  FLOW LENGTH(FEET) =    71.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   9.95
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      31.27
  PIPE TRAVEL TIME(MIN.) =   0.12    Tc(MIN.) =    6.33
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     27.00 =    1558.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     27.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =    6.33
  RAINFALL INTENSITY(INCH/HR) =   5.89
  TOTAL STREAM AREA(ACRES) =     5.90
  PEAK FLOW RATE(CFS) AT CONFLUENCE =     31.27

****************************************************************************
  FLOW PROCESS FROM NODE    160.00 TO NODE    161.00 IS CODE =  21
----------------------------------------------------------------------------
```

```
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
================================================================================
  GENERAL COMMERCIAL RUNOFF COEFFICIENT = .8000
  SOIL CLASSIFICATION IS "A"
  S.C.S. CURVE NUMBER (AMC II) =  89
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   350.00
  UPSTREAM ELEVATION(FEET) =    356.10
  DOWNSTREAM ELEVATION(FEET) =    352.00
  ELEVATION DIFFERENCE(FEET) =      4.10
  SUBAREA OVERLAND TIME OF FLOW(MIN.) =    4.052
  WARNING: INITIAL SUBAREA FLOW PATH LENGTH IS GREATER THAN
           THE MAXIMUM OVERLAND FLOW LENGTH =    62.57
           (Reference: Table 3-1B of Hydrology Manual)
           THE MAXIMUM OVERLAND FLOW LENGTH IS USED IN Tc CALCULATION!
   100 YEAR RAINFALL INTENSITY(INCH/HOUR) =  6.850
  NOTE: RAINFALL INTENSITY IS BASED ON Tc = 5-MINUTE.
  SUBAREA RUNOFF(CFS) =      7.73
  TOTAL AREA(ACRES) =      1.41   TOTAL RUNOFF(CFS) =      7.73

****************************************************************************
  FLOW PROCESS FROM NODE    161.00 TO NODE     27.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   348.00  DOWNSTREAM(FEET) =   343.30
  FLOW LENGTH(FEET) =    84.00   MANNING'S N =  0.012
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   8.5 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =  13.04
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       7.73
  PIPE TRAVEL TIME(MIN.) =   0.11    Tc(MIN.) =    4.16
  LONGEST FLOWPATH FROM NODE    160.00 TO NODE     27.00 =     434.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     27.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =    4.16
  RAINFALL INTENSITY(INCH/HR) =   6.85
  TOTAL STREAM AREA(ACRES) =     1.41
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      7.73

  ** CONFLUENCE DATA **
  STREAM     RUNOFF       Tc      INTENSITY      AREA
  NUMBER      (CFS)     (MIN.)   (INCH/HOUR)    (ACRE)
      1       31.27     6.33        5.885          5.90
      2        7.73     4.16        6.850          1.41

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
  STREAM     RUNOFF      Tc      INTENSITY
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)
      1       34.60     4.16       6.850
```

```
      2       37.91     6.33       5.885

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      37.91   Tc(MIN.) =    6.33
  TOTAL AREA(ACRES) =        7.3
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     27.00 =    1558.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     27.00 TO NODE     19.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =   343.30  DOWNSTREAM(FEET) =   342.20
  FLOW LENGTH(FEET) =   225.00   MANNING'S N =  0.012
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =  12.07
  PIPE FLOW VELOCITY = (TOTAL FLOW)/(PIPE CROSS SECTION AREA)
  GIVEN PIPE DIAMETER(INCH) =  24.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      37.91
  PIPE TRAVEL TIME(MIN.) =   0.31    Tc(MIN.) =    6.64
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     19.00 =    1783.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE     19.00 TO NODE     19.00 IS CODE =  11
----------------------------------------------------------------------------
  >>>>>CONFLUENCE MEMORY BANK # 1 WITH THE MAIN-STREAM MEMORY<<<<<
============================================================================

  ** MAIN STREAM CONFLUENCE DATA **
  STREAM     RUNOFF      Tc      INTENSITY     AREA
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)   (ACRE)
      1       37.91     6.64       5.706        7.31
  LONGEST FLOWPATH FROM NODE     20.00 TO NODE     19.00 =    1783.00 FEET.

  ** MEMORY BANK #  1 CONFLUENCE DATA **
  STREAM     RUNOFF      Tc      INTENSITY     AREA
  NUMBER      (CFS)    (MIN.)   (INCH/HOUR)   (ACRE)
      1       27.54     7.87       5.115        6.01
  LONGEST FLOWPATH FROM NODE     30.00 TO NODE     19.00 =    1447.00 FEET.

  ** PEAK FLOW RATE TABLE **
  STREAM    RUNOFF       Tc      INTENSITY
  NUMBER     (CFS)     (MIN.)   (INCH/HOUR)
      1      61.15       6.64        5.706
      2      61.52       7.87        5.115

  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =      61.52   Tc(MIN.) =    7.87
  TOTAL AREA(ACRES) =       13.3
============================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =       13.3  TC(MIN.) =      7.87
  PEAK FLOW RATE(CFS)   =      61.52
============================================================================
============================================================================
  END OF RATIONAL METHOD ANALYSIS
```

# 24" BYPASS PIPE

| Project Description | |
|---|---|
| Friction Method | Manning Formula |
| Solve For | Full Flow Capacity |

| Input Data | |
|---|---|
| Roughness Coefficient | 0.010 |
| Channel Slope | 0.005 ft/ft |
| Normal Depth | 24.0 in |
| Diameter | 24.0 in |
| Discharge | 20.79 cfs |

| Results | |
|---|---|
| Discharge | 20.79 cfs |
| Normal Depth | 24.0 in |
| Flow Area | 3.1 ft² |
| Wetted Perimeter | 6.3 ft |
| Hydraulic Radius | 6.0 in |
| Top Width | 0.00 ft |
| Critical Depth | 19.6 in |
| Percent Full | 100.0 % |
| Critical Slope | 0.005 ft/ft |
| Velocity | 6.62 ft/s |
| Velocity Head | 0.68 ft |
| Specific Energy | 2.68 ft |
| Froude Number | (N/A) |
| Maximum Discharge | 22.37 cfs |
| Discharge Full | 20.79 cfs |
| Slope Full | 0.005 ft/ft |
| Flow Type | Undefined |

| GVF Input Data | |
|---|---|
| Downstream Depth | 0.0 in |
| Length | 0.0 ft |
| Number Of Steps | 0 |

| GVF Output Data | |
|---|---|
| Upstream Depth | 0.0 in |
| Profile Description | N/A |
| Profile Headloss | 0.00 ft |
| Average End Depth Over Rise | 0.0 % |
| Normal Depth Over Rise | 0.0 % |
| Downstream Velocity | 0.00 ft/s |
| Upstream Velocity | 0.00 ft/s |
| Normal Depth | 24.0 in |
| Critical Depth | 19.6 in |
| Channel Slope | 0.005 ft/ft |
| Critical Slope | 0.005 ft/ft |

# Appendix J-2

Storm Water Quality Management Plan

# CITY OF SANTEE

**PRIORITY DEVELOPMENT PROJECT (PDP)**

## STORM WATER QUALITY MANAGEMENT PLAN (SWQMP)

**FOR**
**PALISADE SANTEE BUSINESS PARK**
**APP NO. DR2023-02**

**10990 N Woodside Avenue**
**Santee, CA 92071**

**ASSESSOR'S PARCEL NUMBER(S):**
**381-070-52-00**
**ENGINEER OF WORK:**

---

**Matthew Hellesen, P.E. - R.C.E. 87299**

PREPARED FOR:

North Palisade Partners
1330 Factory Please STE 105
Los Angeles, CA 90013
(213) 495-2945

PDP SWQMP PREPARED BY:

DRC Engineering, Inc.
160 S Old Springs Road, STE 210
Anaheim Hills, CA 92807
(714) 685-6860 x339

DATE OF SWQMP:
March 29, 2023

PLANS PREPARED BY:
DRC Engineering, Inc.
160 S Old Springs Road, STE 210
Anaheim Hills, CA 92807
(714) 685-6860 x339

PDP SWQMP Template Date: February 2016
PDP SWQMP Preparation Date: March 29, 2023

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- Attachment 1a: DMA Exhibit
- Attachment 1b: Tabular Summary of DMAs and Design Capture Volume Calculations
- Attachment 1c: Harvest and Use Feasibility Screening (when applicable)
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Attachment 2: Backup for PDP Hydromodification Control Measures

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Attachment 3: Structural BMP Maintenance Plan

- Attachment 3a: B Structural BMP Maintenance Thresholds and Actions
- Attachment 3b: Draft Maintenance Agreement (when applicable)

Attachment 4: Copy of Plan Sheets Showing Permanent Storm Water BMPs

## ACRONYMS

| | |
|---|---|
| APN | Assessor's Parcel Number |
| BMP | Best Management Practice |
| HMP | Hydromodification Management Plan |
| HSG | Hydrologic Soil Group |
| MS4 | Municipal Separate Storm Sewer System |
| N/A | Not Applicable |
| NRCS | Natural Resources Conservation Service |
| PDP | Priority Development Project |
| PE | Professional Engineer |
| SC | Source Control |
| SD | Site Design |
| SDRWQCB | San Diego Regional Water Quality Control Board |
| SIC | Standard Industrial Classification |
| SWQMP | Storm Water Quality Management Plan |

# SWQMP PREPARER'S
# CERTIFICATION PAGE

**Project Name: Palisade Santee Business Park**
**Permit Application Number: DR2023-02**

**PREPARER'S CERTIFICATION**

I hereby declare that I am the Engineer in Responsible Charge of design of storm water best management practices (BMPs) for this project, and that I have exercised responsible charge over the design of the BMPs as defined in Section 6703 of the Business and Professions Code, and that the design is consistent with the PDP requirements of the City of Santee BMP Design Manual, which is a design manual for compliance with local City of Santee and regional MS4 Permit (California Regional Water Quality Control Board San Diego Region Order No. R9-2015-0100) requirements for storm water management.

I have read and understand that the [City Engineer] has adopted minimum requirements for managing urban runoff, including storm water, from land development activities, as described in the BMP Design Manual. I certify that this PDP SWQMP has been completed to the best of my ability and accurately reflects the project being proposed and the applicable BMPs proposed to minimize the potentially negative impacts of this project's land development activities on water quality. I understand and acknowledge that the plan check review of this PDP SWQMP by the [City Engineer] is confined to a review and does not relieve me, as the Engineer in Responsible Charge of design of storm water BMPs for this project, of my responsibilities for project design.

R.C.E. 87299 Exp. 9/30/25

Engineer of Work's Signature, PE Number & Expiration Date

Matthew Hellesen

Print Name

DRC Engineering, Inc.

Company

01/10/24

Date

Engineer's Seal:




PDP SWQMP Template Date: February 2016
PDP SWQMP Preparation Date: March 29, 2023

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# SWQMP PROJECT OWNER'S
# CERTIFICATION PAGE

**Project Name:** Palisade Santee Commerce Center
**Permit Application Number: DR2023-02**

**PROJECT OWNER'S CERTIFICATION**

This PDP SWQMP has been prepared for North Palisade Opco, LLC by DRC Engineering, Inc. The PDP SWQMP is intended to comply with the PDP requirements of the San Diego County BMP Design Manual, which is a design manual for compliance with local City of Santee and regional MS4 Permit (California Regional Water Quality Control Board San Diego Region Order No. R9-2015-0100) requirements for storm water management.

The undersigned, while it owns the subject property, is responsible for the implementation of the provisions of this plan. Once the undersigned transfers its interests in the property, its successor-in-interest shall bear the aforementioned responsibility to implement the best management practices (BMPs) described within this plan, including ensuring on-going operation and maintenance of structural BMPs. A signed copy of this document shall be available on the subject property into perpetuity.

DocuSigned by:
Brian Wong
95F84A0A72AD460...
Project Owner's Signature

Brian Wong
Print Name

North Palisade Opco, LLC
Company

1/9/2024
Date

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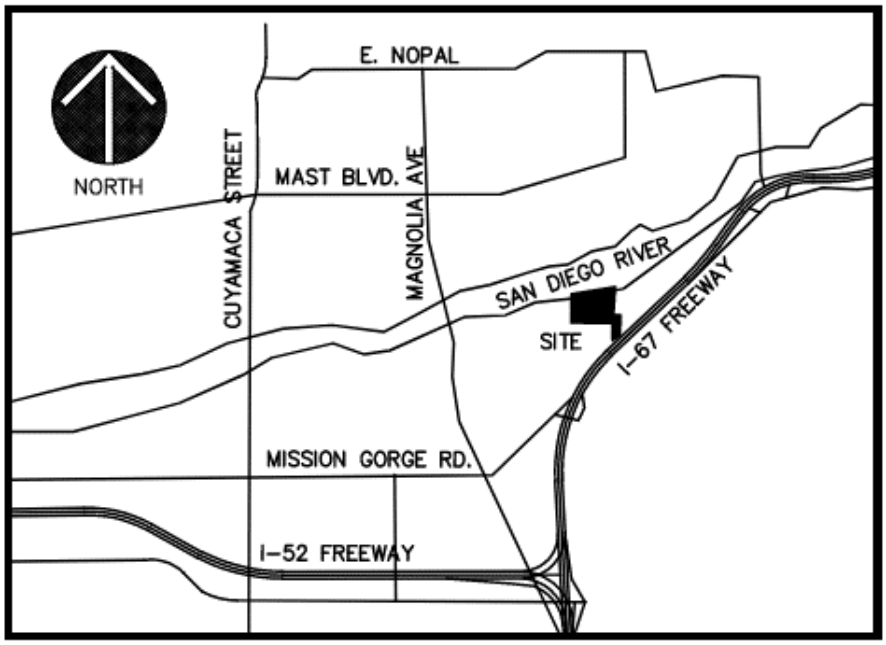
# SUBMITTAL RECORD

Use this Table to keep a record of submittals of this PDP SWQMP. Each time the PDP SWQMP is re-submitted, provide the date and status of the project. In column 4 summarize the changes that have been made or indicate if response to plancheck comments is included. When applicable, insert response to plancheck comments behind this page.

| Submittal Number | Date | Project Status | Summary of Changes |
|---|---|---|---|
| 1 | 4/3/2023 | ☒ Preliminary Design / Planning/ CEQA<br>☐ Final Design | Initial Submittal |
| 2 | 8/21/2023 | ☒ Preliminary Design / Planning/ CEQA<br>☐ Final Design | Second Submittal |
| 3 | 1/10/2024 | ☒ Preliminary Design / Planning/ CEQA<br>☐ Final Design | Third Submittal |
| 4 | | ☐ Preliminary Design / Planning/ CEQA<br>☐ Final Design | |

# PROJECT VICINITY MAP

**Project Name: Palisade Santee Business Park**
**Permit Application Number: DR2023-02**




**VICINITY MAP**
NTS

| **Applicability of Permanent, Post-Construction Storm Water BMP Requirements**<br>**(Storm Water Intake Form for all Development Permit Applications)** | **Form I-1**<br>Model BMP Design Manual<br>[August 31, 2015] |
|---|---|

**Project Identification**

| | |
|---|---|
| Project Name: Palisade Santee Business Park | |
| Permit Application Number: DR2023-02 | Date: 3/29/2023 |
| Project Address:<br><br>10990 N Woodside Avenue, Santee, CA 92071 | |

**Determination of Requirements**

The purpose of this form is to identify permanent, post-construction requirements that apply to the project. This form serves as a short summary of applicable requirements, in some cases referencing separate forms that will serve as the backup for the determination of requirements.

Answer each step below, starting with Step 1 and progressing through each step until reaching "Stop". **Upon reaching a Stop, do not complete further Steps beyond the Stop.**

Refer to BMP Design Manual sections and/or separate forms referenced in each step below.

| Step | Answer | Progression |
|---|---|---|
| **Step 1:** Is the project a "development project"?<br>See Section 1.3 of the BMP Design Manual for guidance. | ☒ Yes | Go to Step 2. |
| | ☐ No | Stop.<br>Permanent BMP requirements do not apply. No SWQMP will be required. Provide discussion below. |
| Discussion / justification if the project is not a "development project" (e.g., the project includes *only* interior remodels within an existing building): | | |
| **Step 2:** Is the project a Standard Project, Priority Development Project (PDP), or exception to PDP definitions?<br>To answer this item, see Section 1.4 of the BMP Design Manual *in its entirety* for guidance, AND complete Form I-2, Project Type Determination. | ☐ Standard Project | Stop.<br>Only Standard Project requirements apply, including Standard Project SWQMP. |
| | ☒ PDP | Standard and PDP requirements apply, including PDP SWQMP.<br>Go to Step 3. |
| | ☐ Exception to PDP definitions | Stop.<br>Standard Project requirements apply, and any additional requirements specific to the type of project. Provide discussion and list any additional requirements below. Prepare Standard Project SWQMP. |

| Form I-1 Page 2, Form Template Date: August 31, 2015 | | |
|---|---|---|
| **[Step 2 Continued from Page 1]** Discussion / justification, and additional requirements for exceptions to PDP definitions, if applicable: | | |
| **Step 3 (PDPs only).** Is the project subject to earlier PDP requirements due to a prior lawful approval?<br>See Section 1.10 of the BMP Design Manual for guidance. | ☐ Yes | Consult the [City Engineer] to determine requirements. Provide discussion and identify requirements below.<br>Go to Step 4. |
| | ☒ No | BMP Design Manual PDP requirements apply.<br>Go to Step 4. |
| Discussion / justification of prior lawful approval, and identify requirements (*not required if prior lawful approval does not apply*): | | |
| **Step 4 (PDPs only).** Do hydromodification control requirements apply?<br>See Section 1.6 of the BMP Design Manual for guidance. | ☐ Yes | PDP structural BMPs required for pollutant control (Chapter 5) and hydromodification control (Chapter 6).<br>Go to Step 5. |
| | ☒ No | Stop.<br>PDP structural BMPs required for pollutant control (Chapter 5) only.<br>Provide brief discussion of exemption to hydromodification control below. |
| Discussion / justification if hydromodification control requirements do not apply:<br>The existing project site drains directly into the San Diego River within the San Deigo River Watershed Management Area. The San Diego River is listed as an exempt river reach per the "Receiving Waters and Conveyance Systems Exempt from Hydromodification Management Requirements" Map included in Attachment 2. | | |
| **Step 5 (PDPs subject to hydromodification control requirements only).** Does protection of critical coarse sediment yield areas apply based on review of WMAA Potential Critical Coarse Sediment Yield Area Map?<br>See Section 6.2 of the BMP Design Manual for guidance. | ☐ Yes | Management measures required for protection of critical coarse sediment yield areas (Chapter 6.2).<br>Stop. |
| | ☐ No | Management measures not required for protection of critical coarse sediment yield areas.<br>Provide brief discussion below.<br>Stop. |

| Priority Determination Form | Form I-2<br>Model BMP Design Manual<br>[August 31, 2015] |
|---|---|

**Project Information**

| | |
|---|---|
| Project Name: Palisade Santee Business Park | |
| Permit Application Number: DR2023-02 | Date: 3/29/2023 |
| Project Address:<br><br>10990 N Woodside Avenue, Santee, CA 92071 | |

**Project Type Determination: Standard Project or Priority Development Project (PDP)**

The project is (select one): ☐ New Development ☒ Redevelopment

The total proposed newly created or replaced impervious area is: _548,087_ $ft^2$ (12.58) acres

Is the project in any of the following categories, (a) through (f)?

| Yes | No | | |
|---|---|---|---|
| ☐ | ☒ | (a) | New development projects that create 10,000 square feet or more of impervious surfaces (collectively over the entire project site). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land. |
| ☒ | ☐ | (b) | Redevelopment projects that create and/or replace 5,000 square feet or more of impervious surface (collectively over the entire project site on an existing site of 10,000 square feet or more of impervious surfaces). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land. |
| ☐ | ☒ | (c) | New and redevelopment projects that create and/or replace 5,000 square feet or more of impervious surface (collectively over the entire project site), and support one or more of the following uses:<br>(i) Restaurants. This category is defined as a facility that sells prepared foods and drinks for consumption, including stationary lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption (Standard Industrial Classification (SIC) code 5812).<br>(ii) Hillside development projects. This category includes development on any natural slope that is twenty-five percent or greater.<br>(iii) Parking lots. This category is defined as a land area or facility for the temporary parking or storage of motor vehicles used personally, for business, or for commerce.<br>(iv) Streets, roads, highways, freeways, and driveways. This category is defined as any paved impervious surface used for the transportation of automobiles, trucks, motorcycles, and other vehicles. |

| Form I-2 Page 2, Form Template Date: August 31, 2015 | | | |
|---|---|---|---|
| Yes ☐ | No ☒ | (d) | New or redevelopment projects that create and/or replace 2,500 square feet or more of impervious surface (collectively over the entire project site), and discharging directly to an Environmentally Sensitive Area (ESA). "Discharging directly to" includes flow that is conveyed overland a distance of 200 feet or less from the project to the ESA, or conveyed in a pipe or open channel any distance as an isolated flow from the project to the ESA (i.e. not commingled with flows from adjacent lands).<br>*Note: ESAs are areas that include but are not limited to all Clean Water Act Section 303(d) impaired water bodies; areas designated as Areas of Special Biological Significance by the State Water Board and San Diego Water Board; State Water Quality Protected Areas; water bodies designated with the RARE beneficial use by the State Water Board and San Diego Water Board; and any other equivalent environmentally sensitive areas which have been identified by the Copermittees. See BMP Design Manual Section 1.4.2 for additional guidance.* |
| Yes ☐ | No ☒ | (e) | New development projects, or redevelopment projects that create and/or replace 5,000 square feet or more of impervious surface, that support one or more of the following uses:<br>(i) Automotive repair shops. This category is defined as a facility that is categorized in any one of the following SIC codes: 5013, 5014, 5541, 7532-7534, or 7536-7539.<br>(ii) Retail gasoline outlets (RGOs). This category includes RGOs that meet the following criteria: (a) 5,000 square feet or more or (b) a projected Average Daily Traffic (ADT) of 100 or more vehicles per day. |
| Yes ☒ | No ☐ | (f) | New or redevelopment projects that result in the disturbance of one or more acres of land and are expected to generate pollutants post construction.<br>*Note: See BMP Design Manual Section 1.4.2 for additional guidance.* |

Does the project meet the definition of one or more of the Priority Development Project categories (a) through (f) listed above?

☐ No – the project is not a Priority Development Project (Standard Project).

☒ Yes – the project is a Priority Development Project (PDP).

The following is for redevelopment PDPs only:

The area of existing (pre-project) impervious area at the project site is: 499,523 $ft^2$ (A)
The total proposed newly created or replaced impervious area is 548,087 $ft^2$ (B)
Percent impervious surface created or replaced (B/A)*100: 109.7 %
The percent impervious surface created or replaced is (select one based on the above calculation):

☐ less than or equal to fifty percent (50%) – only new impervious areas are considered PDP

OR

☒ greater than fifty percent (50%) – the entire project site is a PDP

| Site Design Checklist For PDPs | Form I-3B (PDPs) Model BMP Design Manual [August 31, 2015] |
|---|---|
| **Project Summary Information** | |
| Project Name | Palisade Santee Business Park |
| Project Address | 10990 N Woodside Avenue, Santee, CA 92071 |
| Assessor's Parcel Number(s) (APN(s)) | 381-070-52-00 |
| Permit Application Number | DR2023-02 |
| Project Hydrologic Unit | Select One:<br>☐ Santa Margarita 902<br>☐ San Luis Rey 903<br>☐ Carlsbad 904<br>☐ San Dieguito 905<br>☐ Penasquitos 906<br>☒ San Diego 907<br>☐ Pueblo San Diego 908<br>☐ Sweetwater 909<br>☐ Otay 910<br>☐ Tijuana 911 |
| Project Watershed<br>(Complete Hydrologic Unit, Area, and Subarea Name with Numeric Identifier) | Lower San Diego Hydrological Area (907.1), Santee subwatershed (907.12) |
| Parcel Area<br>(total area of Assessor's Parcel(s) associated with the project) | 13.49 Acres (587,673 Square Feet) |
| Area to be Disturbed by the Project<br>(Project Area) | 13.48 Acres (587,042 Square Feet) |
| Project Proposed Impervious Area<br>(subset of Project Area) | 12.58 Acres (548,087 Square Feet) |
| Project Proposed Pervious Area<br>(subset of Project Area) | 0.89 Acres (38,955 Square Feet) |
| Note: Proposed Impervious Area + Proposed Pervious Area = Area to be Disturbed by the Project. This may be less than the Parcel Area. | |

**Description of Existing Site Condition**

Current Status of the Site (select all that apply):

- [x] Existing development
- [ ] Previously graded but not built out
- [ ] Demolition completed without new construction
- [ ] Agricultural or other non-impervious use
- [ ] Vacant, undeveloped/natural

Description / Additional Information:
Current site is an existing drive-in movie theater predominantly made up of a parking lot and drive aisles.

Existing Land Cover Includes (select all that apply):

- [ ] Vegetative Cover
- [x] Non-Vegetated Pervious Areas
- [x] Impervious Areas

Description / Additional Information:
Site is predominantly made up of a parking lot and drive aisles. All pervious areas are dirt.

Underlying Soil belongs to Hydrologic Soil Group (select all that apply):

- [x] NRCS Type A
- [ ] NRCS Type B
- [ ] NRCS Type C
- [ ] NRCS Type D

Approximate Depth to Groundwater (GW):

- [ ] GW Depth < 5 feet
- [ ] 5 feet < GW Depth < 10 feet
- [ ] 10 feet < GW Depth < 20 feet
- [x] GW Depth > 20 feet

Existing Natural Hydrologic Features (select all that apply):

☐ Watercourses

☐ Seeps

☐ Springs

☐ Wetlands

☒ None

Description / Additional Information:

**Description of Existing Site Drainage Patterns**

How is storm water runoff conveyed from the site? At a minimum, this description should answer:

(1) whether existing drainage conveyance is natural or urban;

(2) Is runoff from offsite conveyed through the site? if yes, quantify all offsite drainage areas, design flows, and locations where offsite flows enter the project site, and summarize how such flows are conveyed through the site;

(3)Provide details regarding existing project site drainage conveyance network, including any existing storm drains, concrete channels, swales, detention facilities, storm water treatment facilities, natural or constructed channels; and

(4) Identify all discharge locations from the existing project site along with a summary of conveyance system size and capacity for each of the discharge locations. Provide summary of the pre-project drainage areas and design flows to each of the existing runoff discharge locations.

Describe existing site drainage patterns:

The site is currently made up of a drive-in movie theater and is predominately made up of parking lots and drive aisles. Stormwater flow currently sheet flows over the parking lot to a low spot in the northwest corner of the site and spills into the San Diego River over natural terrain. There is currently no drainage system within the site. Approximately 3.5 acres of onsite run-on currently flows onto the site. An existing 24-inch culvert located under CA-67 Freeway outlets at the entrance of the site off of Woodside Avenue. This culvert collects approximately 2.8 acres from the freeway as well as the southern portion of Woodside Drive. An additional 0.7 acres covering the northern portion of Woodside Drive collects in the curb and gutter from south of Wheatlands Drive and outlets at the existing entrance of the site. In total, approximately 16.8 acres of tributary area flows to the existing low spot.

**Description of Proposed Site Development**

Project Description / Proposed Land Use and/or Activities:

The project is made up of the construction of a 300,145 square foot warehouse and associated improvements. The building will be used for general warehousing and storage (SIC Code 4225) and feature truck docks on each side of the building. Truck traffic will enter the site off of Woodside Avenue and be able to access drive aisles around the perimeter of the building.

List/describe proposed impervious features of the project (e.g., buildings, roadways, parking lots, courtyards, athletic courts, other impervious features):

The 300,145 square foot warehouse will feature associated drive aisles, parking stalls, walkways and 2 trash enclosures. All impervious surfaces have been designed to have a minimum slope to address ADA and Building Code requirements.

List/describe proposed pervious features of the project (e.g., landscape areas):

All landscaped areas within the site will feature drought tolerant landscaping.

Does the project include grading and changes to site topography?

☒ Yes

☐ No

Description / Additional Information:

Project includes grading but overall drainage patterns of the site will remain the same with the on-site storm drain flowing towards the north corner of the site towards the San Diego River.

**Description of Proposed Site Drainage Patterns**

Does the project include changes to site drainage (e.g., installation of new storm water conveyance systems)?

☒ Yes
☐ No

If yes, provide details regarding the proposed project site drainage conveyance network, including storm drains, concrete channels, swales, detention facilities, storm water treatment facilities, natural or constructed channels, and the method for conveying offsite flows through or around the proposed project site. Identify all discharge locations from the proposed project site along with a summary of the conveyance system size and capacity for each of the discharge locations. Provide a summary of pre- and post-project drainage areas and design flows to each of the runoff discharge locations. Reference the drainage study for detailed calculations.

Describe proposed site drainage patterns:

The proposed site will feature an on-site storm drain system that will accept flows from drain inlets at low spots throughout the site. Stormwater will continue to flow to the north of the site, around the building to an underground infiltration system located with the northern truck yard. The infiltration chamber will be sized based on SWQMP requirements with larger flows building up within the system and discharging to a headwall structure draining into the San Diego River. The headwall structure will outlet to a rip-rap pad to dissipate energy and provide scour protection.

Approximately 0.24 acres to the north of the site consisting of pervious slope will be considered self-mitigating as this area currently drains into the San Diego River and can not feasibly be accepted by the on-site storm drain system. The area is highlighted on the DMA Exhibit in Attachment 1 and is designated as DMA A-1.

While in depth sizing has yet to be calculated, see the Preliminary Hydrology Report for general sizing information for the on-site storm drain as well as pre vs. post development comparisons of the site.

Identify whether any of the following features, activities, and/or pollutant source areas will be present (select all that apply):

- [x] On-site storm drain inlets
- [ ] Interior floor drains and elevator shaft sump pumps
- [ ] Interior parking garages
- [x] Need for future indoor & structural pest control
- [x] Landscape/Outdoor Pesticide Use
- [ ] Pools, spas, ponds, decorative fountains, and other water features
- [ ] Food service
- [x] Refuse areas
- [ ] Industrial processes
- [ ] Outdoor storage of equipment or materials
- [ ] Vehicle and Equipment Cleaning
- [ ] Vehicle/Equipment Repair and Maintenance
- [ ] Fuel Dispensing Areas
- [x] Loading Docks
- [x] Fire Sprinkler Test Water
- [ ] Miscellaneous Drain or Wash Water
- [x] Plazas, sidewalks, and parking lots

Description / Additional Information:
Project will only feature general warehousing activities

**Form I-3B Page 7 of 10, Form Template Date: August 31, 2015**

**Identification and Narrative of Receiving Water and Pollutants of Concern**

Describe flow path of storm water from the project site discharge location(s), through urban storm conveyance systems as applicable, to receiving creeks, rivers, and lagoons as applicable, and ultimate discharge to the Pacific Ocean (or bay, lagoon, lake or reservoir, as applicable):

Project discharges directly to the San Diego River in the Lower San Diego Hydrological Area (907.1) which downstream outlets into the Famosa Slough and the Pacific Ocean.

List any 303(d) impaired water bodies within the path of storm water from the project site to the Pacific Ocean (or bay, lagoon, lake or reservoir, as applicable), identify the pollutant(s)/stressor(s) causing impairment, and identify any TMDLs and/or Highest Priority Pollutants from the WQIP for the impaired water bodies:

| 303(d) Impaired Water Body | Pollutant(s)/Stressor(s) | TMDLs / WQIP Highest Priority Pollutant |
|---|---|---|
| San Diego River (lower) | Indicator Bacteria, Low Dissolved Oxygen, Nitrogen, Phosphorus, Total Dissolved Solids, Toxicity, Cadmium, Benthic Community Events | Bacteria |
| Famosa Slough | Eutrophic | Eutrophication (Under Development) |
| Pacific Ocean Shoreline | Enterococcus, Total Coliform | Bacteria |

**Identification of Project Site Pollutants***

***Identification of project site pollutants is only required if flow-thru treatment BMPs are implemented onsite in lieu of retention or biofiltration BMPs (note the project must also participate in an alternative compliance program unless prior lawful approval to meet earlier PDP requirements is demonstrated)**

Identify pollutants expected from the project site based on all proposed use(s) of the site (see BMP Design Manual Appendix B.6):

| Pollutant | Not Applicable to the Project Site | Expected from the Project Site | Also a Receiving Water Pollutant of Concern |
|---|---|---|---|
| Sediment | | | |
| Nutrients | | | |
| Heavy Metals | | | |
| Organic Compounds | | | |
| Trash & Debris | | | |
| Oxygen Demanding Substances | | | |
| Oil & Grease | | | |
| Bacteria & Viruses | | | |
| Pesticides | | | |

**Hydromodification Management Requirements**

Do hydromodification management requirements apply (see Section 1.6 of the BMP Design Manual)?

☐ Yes, hydromodification management flow control structural BMPs required.

☐ No, the project will discharge runoff directly to existing underground storm drains discharging directly to water storage reservoirs, lakes, enclosed embayments, or the Pacific Ocean.

☐ No, the project will discharge runoff directly to conveyance channels whose bed and bank are concrete-lined all the way from the point of discharge to water storage reservoirs, lakes, enclosed embayments, or the Pacific Ocean.

☒ No, the project will discharge runoff directly to an area identified as appropriate for an exemption by the WMAA for the watershed in which the project resides.

Description / Additional Information (to be provided if a 'No' answer has been selected above):

Project discharges water directly into the San Diego River which is defined as an exempt river reach based on Watershed Management Area Analysis.

**Critical Coarse Sediment Yield Areas***

***This Section only required if hydromodification management requirements apply**

Based on the maps provided within the WMAA, do potential critical coarse sediment yield areas exist within the project drainage boundaries?

☐ Yes
☐ No, No critical coarse sediment yield areas to be protected based on WMAA maps

If yes, have any of the optional analyses presented in Section 6.2 of the BMP Design Manual been performed?

☐ 6.2.1 Verification of Geomorphic Landscape Units (GLUs) Onsite
☐ 6.2.2 Downstream Systems Sensitivity to Coarse Sediment
☐ 6.2.3 Optional Additional Analysis of Potential Critical Coarse Sediment Yield Areas Onsite
☐ No optional analyses performed, the project will avoid critical coarse sediment yield areas identified based on WMAA maps

If optional analyses were performed, what is the final result?

☐ No critical coarse sediment yield areas to be protected based on verification of GLUs onsite
☐ Critical coarse sediment yield areas exist but additional analysis has determined that protection is not required. Documentation attached in Attachment 2.b of the SWQMP.
☐ Critical coarse sediment yield areas exist and require protection. The project will implement management measures described in Sections 6.2.4 and 6.2.5 as applicable, and the areas are identified on the SWQMP Exhibit.

Discussion / Additional Information:

| Form I-3B Page 9 of 10, Form Template Date: August 31, 2015 |
|---|
| **Flow Control for Post-Project Runoff*** <br> ***This Section only required if hydromodification management requirements apply** |
| List and describe point(s) of compliance (POCs) for flow control for hydromodification management (see Section 6.3.1). For each POC, provide a POC identification name or number correlating to the project's HMP Exhibit and a receiving channel identification name or number correlating to the project's HMP Exhibit. |
| Has a geomorphic assessment been performed for the receiving channel(s)? <br> ☐ No, the low flow threshold is 0.1Q2 (default low flow threshold) <br> ☐ Yes, the result is the low flow threshold is 0.1Q2 <br> ☐ Yes, the result is the low flow threshold is 0.3Q2 <br> ☐ Yes, the result is the low flow threshold is 0.5Q2 <br><br> If a geomorphic assessment has been performed, provide title, date, and preparer: <br><br> Discussion / Additional Information: (optional) |

| Form I-3B Page 10 of 10, Form Template Date: August 31, 2015 |
| --- |
| **Other Site Requirements and Constraints** |
| When applicable, list other site requirements or constraints that will influence storm water management design, such as zoning requirements including setbacks and open space, or local codes governing minimum street width, sidewalk construction, allowable pavement types, and drainage requirements.<br><br>Not Applicable |
| **Optional Additional Information or Continuation of Previous Sections As Needed** |
| This space provided for additional information or continuation of information from previous sections as needed. |

| Source Control BMP Checklist for All Development Projects (Standard Projects and Priority Development Projects) | Form I-4 Model BMP Design Manual [August 31, 2015] |
|---|---|

**Project Identification**

| | |
|---|---|
| Project Name: Palisade Santee Business Park | |
| Permit Application Number: DR2023-02 | Date: 3/29/2023 |

**Source Control BMPs**

All development projects must implement source control BMPs SC-1 through SC-6 where applicable and feasible. See Chapter 4 and Appendix E of the Model BMP Design Manual for information to implement source control BMPs shown in this checklist.

Answer each category below pursuant to the following.

- "Yes" means the project will implement the source control BMP as described in Chapter 4 and/or Appendix E of the Model BMP Design Manual. Discussion / justification is not required.
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project has no outdoor materials storage areas). Discussion / justification may be provided.

| Source Control Requirement | Applied? | | |
|---|---|---|---|
| **SC-1** Prevention of Illicit Discharges into the MS4 | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SC-1 not implemented: | | | |
| **SC-2** Storm Drain Stenciling or Signage | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SC-2 not implemented: | | | |
| **SC-3** Protect Outdoor Materials Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal | ☐ Yes | ☐ No | ☒ N/A |
| Discussion / justification if SC-3 not implemented:<br>The project has no outdoor material storage areas. | | | |
| **SC-4** Protect Materials Stored in Outdoor Work Areas from Rainfall, Run-On, Runoff, and Wind Dispersal | ☐ Yes | ☐ No | ☒ N/A |
| Discussion / justification if SC-4 not implemented:<br>The project has no outdoor work areas. | | | |

| Form I-4 Page 2 of 2, Form Template Date: August 31, 2015 | | | |
|---|---|---|---|
| **Source Control Requirement** | **Applied?** | | |
| **SC-5** Protect Trash Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SC-5 not implemented: | | | |
| **SC-6** Additional BMPs Based on Potential Sources of Runoff Pollutants (must answer for each source listed below) | | | |
| ☐ On-site storm drain inlets | ☒ Yes | ☐ No | ☐ N/A |
| ☐ Interior floor drains and elevator shaft sump pumps | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Interior parking garages | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Need for future indoor & structural pest control | ☒ Yes | ☐ No | ☐ N/A |
| ☐ Landscape/Outdoor Pesticide Use | ☒ Yes | ☐ No | ☐ N/A |
| ☐ Pools, spas, ponds, decorative fountains, and other water features | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Food service | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Refuse areas | ☒ Yes | ☐ No | ☐ N/A |
| ☐ Industrial processes | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Outdoor storage of equipment or materials | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Vehicle and Equipment Cleaning | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Vehicle/Equipment Repair and Maintenance | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Fuel Dispensing Areas | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Loading Docks | ☒ Yes | ☐ No | ☐ N/A |
| ☐ Fire Sprinkler Test Water | ☒ Yes | ☐ No | ☐ N/A |
| ☐ Miscellaneous Drain or Wash Water | ☐ Yes | ☐ No | ☒ N/A |
| ☐ Plazas, sidewalks, and parking lots | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SC-6 not implemented. Clearly identify which sources of runoff pollutants are discussed. Justification must be provided for <u>all</u> "No" answers shown above.<br>Outdoor storage, vehicle cleaning, vehicle repair/maintenance and fuel dispensing is not allowed on site. There are no interior floor drains, interior parking garages, food service or industrial processes within the building. No decorative water features are associated with the project. | | | |

| Site Design BMP Checklist for All Development Projects (Standard Projects and Priority Development Projects) | Form I-5 Model BMP Design Manual [August 31, 2015] |
|---|---|

**Project Identification**

Project Name: Palisade Santee Business Park

Permit Application Number: DR2023-02

**Site Design BMPs**

All development projects must implement site design BMPs SD-1 through SD-8 where applicable and feasible. See Chapter 4 and Appendix E of the Model BMP Design Manual for information to implement site design BMPs shown in this checklist.

Answer each category below pursuant to the following.

- "Yes" means the project will implement the site design BMP as described in Chapter 4 and/or Appendix E of the Model BMP Design Manual. Discussion / justification is not required.
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project site has no existing natural areas to conserve). Discussion / justification may be provided.

| Site Design Requirement | Applied? | | |
|---|---|---|---|
| **SD-1** Maintain Natural Drainage Pathways and Hydrologic Features | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SD-1 not implemented: | | | |
| **SD-2** Conserve Natural Areas, Soils, and Vegetation | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SD-2 not implemented: | | | |
| **SD-3** Minimize Impervious Area | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SD-3 not implemented: | | | |
| **SD-4** Minimize Soil Compaction | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SD-4 not implemented: | | | |
| **SD-5** Impervious Area Dispersion | ☐ Yes | ☐ No | ☒ N/A |
| Discussion / justification if SD-5 not implemented:<br>Site layout and limited pervious area makes SD-5 infeasible to implement effectively. | | | |

| Form I-5 Page 2 of 2, Form Template Date: August 31, 2015 | | | |
|---|---|---|---|
| **Site Design Requirement** | **Applied?** | | |
| **SD-6** Runoff Collection | ☐ Yes | ☐ No | ☒ N/A |
| Discussion / justification if SD-6 not implemented:<br>Site is implementing infiltration practices that retains stormwater on-site, therefore, there is no need to implement runoff collection. | | | |
| **SD-7** Landscaping with Native or Drought Tolerant Species | ☒ Yes | ☐ No | ☐ N/A |
| Discussion / justification if SD-7 not implemented: | | | |
| **SD-8** Harvesting and Using Precipitation | ☐ Yes | ☐ No | ☒ N/A |
| Discussion / justification if SD-8 not implemented:<br>Site is implementing infiltration practices that retains stormwater on-site, therefore, there is no need to implement rainwater harvesting. | | | |

| Summary of PDP Structural BMPs | Form I-6 (PDPs)<br>Model BMP Design Manual<br>[August 31, 2015] |
|---|---|
| **Project Identification** | |
| Project Name: Palisade Santee Business Park | |
| Permit Application: Number DR2023-02 | |
| **PDP Structural BMPs** | |
| All PDPs must implement structural BMPs for storm water pollutant control (see Chapter 5 of the BMP Design Manual). Selection of PDP structural BMPs for storm water pollutant control must be based on the selection process described in Chapter 5. PDPs subject to hydromodification management requirements must also implement structural BMPs for flow control for hydromodification management (see Chapter 6 of the BMP Design Manual). Both storm water pollutant control and flow control for hydromodification management can be achieved within the same structural BMP(s).<br><br>PDP structural BMPs must be verified by the local jurisdiction at the completion of construction. This may include requiring the project owner or project owner's representative and engineer of record to certify construction of the structural BMPs (see Section 1.12 of the BMP Design Manual). PDP structural BMPs must be maintained into perpetuity, and the local jurisdiction must confirm the maintenance (see Section 7 of the BMP Design Manual).<br><br>Use this form to provide narrative description of the general strategy for structural BMP implementation at the project site in the box below. Then complete the PDP structural BMP summary information sheet (page 3 of this form) for each structural BMP within the project (copy the BMP summary information page as many times as needed to provide summary information for each individual structural BMP). | |

Describe the general strategy for structural BMP implementation at the site. This information must describe how the steps for selecting and designing storm water pollutant control BMPs presented in Section 5.1 of the BMP Design Manual were followed, and the results (type of BMPs selected). For projects requiring hydromodification flow control BMPs, indicate whether pollutant control and flow control BMPs are integrated or separate.

Based on the location, the site has an 85$^{th}$ percentile 24-hr storm depth of 0.50 inches (BMP Design Manual Figure B.1-1). Per DMA Exhibit in Attachment 1A, DMA A-1 is classified as self-mitigating and does not drain to the proposed structural BMP. DMA A drains to the proposed structural BMP and consists of the remainder of the project site. DMA A is approximately 5% engineered pervious surfaces not serving as a dispersion area (C=0.10), and 95% impervious surface (C=0.90). Final Adjusted Runoff Factor is 0.86. Based on the above information, a Final Design Capture Volume Tributary to BMP was calculated to be 21,684 cu ft.

Capture and Use was not considered for this project as the project does not include habitable structures over 9 stories tall. Table B.2-1 was used to analyze if infiltration would be permissible on the site. All mandatory considerations were not applicable (see below)…

**Table B.2-1: Infiltration Restrictions**

| Restriction Element | | Is Element Applicable? (Yes/No) |
|---|---|---|
| Mandatory Considerations | BMP is within 100' of Contaminated Soils | NO |
| | BMP is within 100' of Industrial Activities Lacking Source Control | NO |
| | BMP is within 100' of Well/Groundwater Basin | NO |
| | BMP is within 50' of Septic Tanks/Leach Fields | NO |
| | BMP is within 10' of Structures/Tanks/Walls | NO |
| | BMP is within 10' of Sewer Utilities | NO |
| | BMP is within 10' of Groundwater Table | NO |
| | BMP is within Hydric Soils | NO |
| | BMP is within Highly Liquefiable Soils and has Connectivity to Structures | NO |
| | BMP is within 1.5 Times the Height of Adjacent Steep Slopes (≥25%) | NO |
| | County Staff has Assigned "Restricted" Infiltration Category | NO |
| Optional Considerations | BMP is within Predominantly Type D Soil | |
| | BMP is within 10' of Property Line | |
| | BMP is within Fill Depths of ≥5' (Existing or Proposed) | |
| | BMP is within 10' of Underground Utilities | |
| | BMP is within 250' of Ephemeral Stream | |
| | Other (Provide detailed geotechnical support) | |
| Result | **Unrestricted**. None of the restriction elements above are applicable. | X |
| | **Restricted**. One or more of the restriction elements above are applicable. | |

(Continue on page 2 as necessary.)

| Form I-6 Page 2 of 4, Form Template Date: August 31, 2015 |
| --- |
| **(Page reserved for continuation of description of general strategy for structural BMP implementation at the site)** |
| (Continued from page 1)<br>Infiltration testing yielded rates of 21.4 in/hr and 18.8 in/hr to the north and south of the site done by the geotechnical engineer. A factor of safety of 3.00 was applied to 18.8 in/hr equating to a design infiltration rate of 6.27 in/hr used for the project site. See factor of safety calculations in Attachment 3. Based on retention requirements, a required retention volume was calculated to be 21,467 cu ft.<br><br>Automated worksheet B.3 was used to demonstrate BMP performance. As this is an underground chamber system, ponding depth was represented by the height of water stored within the chamber, and gravel thickness was represented as the 12” and 9” gravel layer both above and below the infiltration chambers. There was 0 deficit of effectively treated stormwater. |

| Form I-6 Page 3 of 4 (Copy as many as needed) , Form Template Date: August 31, 2015 | |
|---|---|
| **Structural BMP Summary Information**<br>**(Copy this page as needed to provide information for each individual proposed structural BMP)** | |
| Structural BMP ID No. INF-A | |
| Construction Plan Sheet No. Conceptual Utility Plan | |
| Type of structural BMP:<br>☐ Retention by harvest and use (HU-1)<br>☒ Retention by infiltration basin (INF-1)<br>☐ Retention by bioretention (INF-2)<br>☐ Retention by permeable pavement (INF-3)<br>☐ Partial retention by biofiltration with partial retention (PR-1)<br>☐ Biofiltration (BF-1)<br>☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)<br>☐ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F<br>☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)<br>☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)<br>☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)<br>☐ Detention pond or vault for hydromodification management<br>☐ Other (describe in discussion section below) | |
| Purpose:<br>☒ Pollutant control only<br>☐ Hydromodification control only<br>☐ Combined pollutant control and hydromodification control<br>☐ Pre-treatment/forebay for another structural BMP<br>☐ Other (describe in discussion section below) | |
| Who will certify construction of this BMP?<br>Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual) | Matthew Hellesen R.C.E. 87299 Exp. 9/30/25<br>Senior Project Manager<br>DRC Engineering, Inc.<br>160 South Old Springs Road, Suite 210<br>Anaheim Hills, CA 92808<br>Phone: (714) 685-6860 x364<br>Email: mhellesen@drc.eng.com |

| | |
|---|---|
| Who will be the final owner of this BMP? | Brian Wong<br>SVP, Development<br>North Palisade Partners, LLC<br>1330 Factory Place, Suite 105<br>Los Angeles, CA 90013<br>Phone: (310) 242-1612<br>Email: brian.wong@northpalisade.com |
| Who will maintain this BMP into perpetuity? | Brian Wong<br>SVP, Development<br>North Palisade Partners, LLC<br>1330 Factory Place, Suite 105<br>Los Angeles, CA 90013<br>Phone: (310) 242-1612<br>Email: brian.wong@northpalisade.com |
| What is the funding mechanism for maintenance? | Private funding from owner. |

| Form I-6 Page 4 of 4 (Copy as many as needed) , Form Template Date: August 31, 2015 |
| --- |
| Structural BMP ID No. |
| Construction Plan Sheet No. |
| Discussion (as needed): |

# ATTACHMENT 1
# BACKUP FOR PDP POLLUTANT CONTROL BMPS

*This is the cover sheet for Attachment 1.*

**Indicate which Items are Included behind this cover sheet:**

| Attachment Sequence | Contents | Checklist |
|---|---|---|
| Attachment 1a | DMA Exhibit (Required)<br><br>See DMA Exhibit Checklist on the back of this Attachment cover sheet. | ☒ Included |
| Attachment 1b | Tabular Summary of DMAs Showing DMA ID matching DMA Exhibit, DMA Area, and DMA Type (Required)*<br><br>*Provide table in this Attachment OR on DMA Exhibit in Attachment 1a | ☒ Included on DMA Exhibit in Attachment 1a<br>☐ Included as Attachment 1b, separate from DMA Exhibit |
| Attachment 1c | Form I-7, Harvest and Use Feasibility Screening Checklist (Required unless the entire project will use infiltration BMPs)<br><br>Refer to Appendix B.3-1 of the BMP Design Manual to complete Form I-7. | ☐ Included<br>☒ Not included because the entire project will use infiltration BMPs |
| Attachment 1d | Form I-8, Categorization of Infiltration Feasibility Condition (Required unless the project will use harvest and use BMPs)<br><br>Refer to Appendices C and D of the BMP Design Manual to complete Form I-8. | ☒ Included<br>☐ Not included because the entire project will use harvest and use BMPs |
| Attachment 1e | Pollutant Control BMP Design Worksheets / Calculations (Required)<br><br>Refer to Appendices B and E of the BMP Design Manual for structural pollutant control BMP design guidelines | ☒ Included |

# ATTACHMENT 1A

*Use this checklist to ensure the required information has been included on the DMA Exhibit:*

The DMA Exhibit must identify:

☒ Underlying hydrologic soil group

☒ Approximate depth to groundwater

☒ Existing natural hydrologic features ( watercourses, seeps, springs, wetlands)

☐ Critical coarse sediment yield areas to be protected **(N/A)**

☒ Existing topography and impervious areas

☒ Existing and proposed site drainage network and connections to drainage offsite

☒ Proposed demolition

☒ Proposed grading

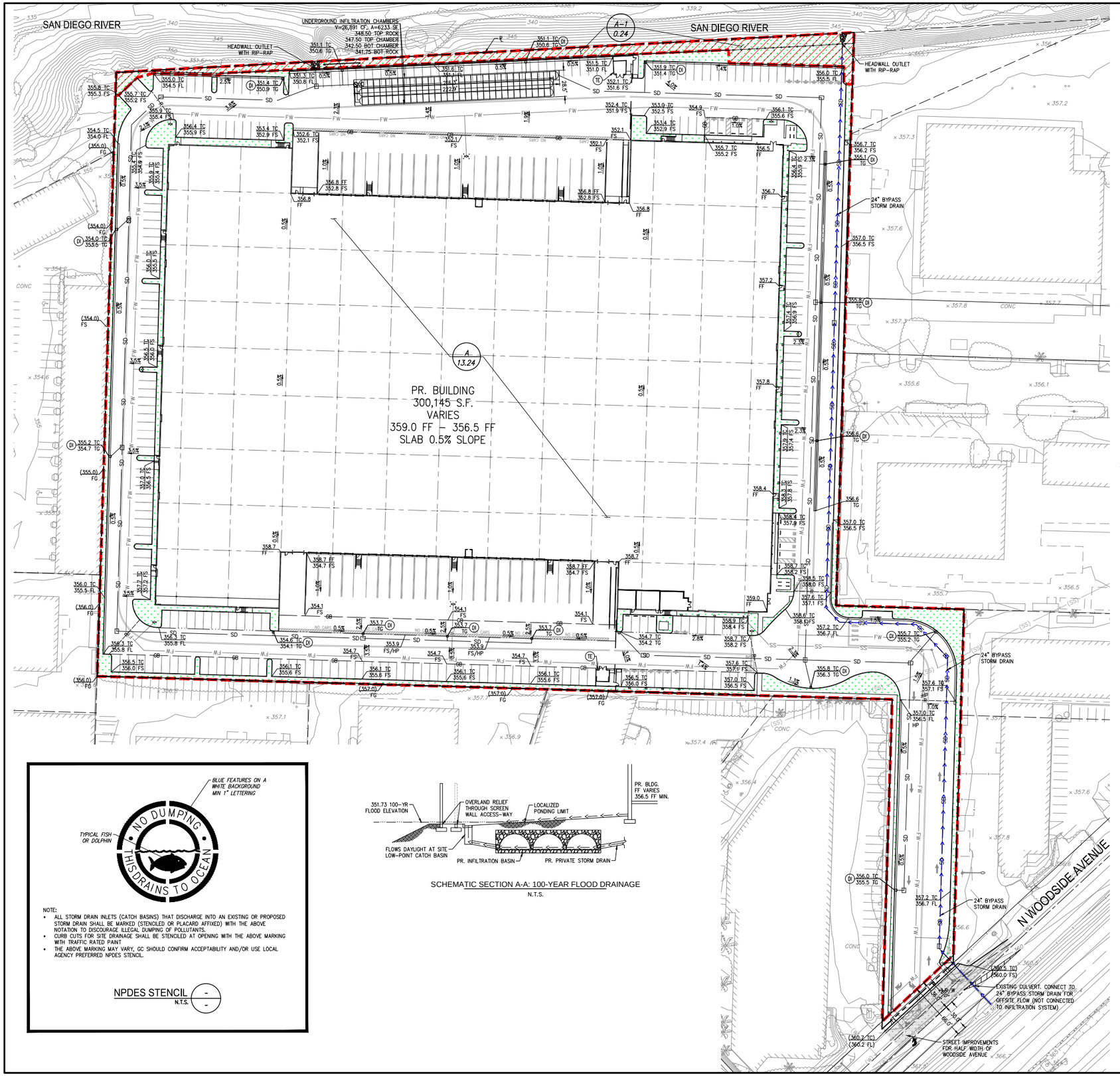
☒ Proposed impervious features

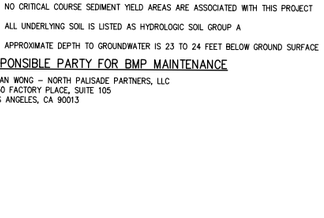
☒ Proposed design features and surface treatments used to minimize imperviousness

☒ Drainage management area (DMA) boundaries, DMA ID numbers, and DMA areas (square footage or acreage), and DMA type (i.e., drains to BMP, self-retaining, or self-mitigating)

☒ Potential pollutant source areas and corresponding required source controls (see Chapter 4, Appendix E.1, and Form I-3B)

☒ Structural BMPs (identify location, type of BMP, and size/detail)




**VICINITY MAP**
NTS

## LEGEND

| | |
|---|---|
| A 13.24 | DRAINAGE MANAGEMENT AREA ID<br>AREA IN ACRES |
| | LANDSCAPE/PERVIOUS AREA |
| SD | PROPOSED ON-SITE STORM DRAIN |
| | PROPOSED UNDERGROUND INFILTRATION CHAMBER (INF-1)<br>26,891 INSTALLED SYSTEM VOLUME |
| | DRAINAGE MANAGEMENT AREA DRAINING TO INF-1<br>DMA A (576,610 SF, 13.24 ACRES) |
| | SELF MITIGATING DRAINAGE MANAGEMENT AREA<br>DMA A-1 (10,432 SF, 0.24 ACRES) |
| TE | COVERED TRASH ENCLOSURE AREA. SEE FACT SHEET BL-5. |
| DI | PROPOSED DRAIN INLET WITH OLDCASTLE FLOGARD GRATE INLET BASKET (GIB). MARK ALL INLETS WITH THE WORDS "NO DUMPING! FLOWS TO BAY" OR SIMILAR. |
| | PROPOSED BYPASS STORM DRAIN FOR OFFSITE FLOW |

| ID | PERVIOUS AREA (SF) | IMPERVIOUS AREA (SF) | TOTAL AREA (SF) | TYPE |
|---|---|---|---|---|
| A | 28,523 | 548,087 | 576,610 | AREA DRAINING TO BMP (INF-1) |
| A-1 | 10,432 | 0 | 10,432 | SELF-MITIGATING AREA |
| TOTAL SITE | 38,955 | 548,087 | 587,042 | |

## NOTE

- NO CRITICAL COURSE SEDIMENT YIELD AREAS ARE ASSOCIATED WITH THIS PROJECT
- ALL UNDERLYING SOIL IS LISTED AS HYDROLOGIC SOIL GROUP A
- APPROXIMATE DEPTH TO GROUNDWATER IS 23 TO 24 FEET BELOW GROUND SURFACE

## RESPONSIBLE PARTY FOR BMP MAINTENANCE

BRIAN WONG – NORTH PALISADE PARTNERS, LLC
1330 FACTORY PLACE, SUITE 105
LOS ANGELES, CA 90013

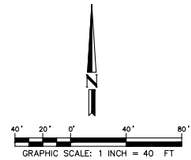



NOTE:
- ALL STORM DRAIN INLETS (CATCH BASINS) THAT DISCHARGE INTO AN EXISTING OR PROPOSED STORM DRAIN SHALL BE MARKED (STENCILED OR PLACARD AFFIXED) WITH THE ABOVE NOTATION TO DISCOURAGE ILLEGAL DUMPING OF POLLUTANTS.
- CURB CUTS FOR SITE DRAINAGE SHALL BE STENCILED AT OPENING WITH THE ABOVE MARKING WITH TRAFFIC RATED PAINT
- THE ABOVE MARKING MAY VARY, GC SHOULD CONFIRM ACCEPTABILITY AND/OR USE LOCAL AGENCY PREFERRED NPDES STENCIL.

NPDES STENCIL
N.T.S.




SCHEMATIC SECTION A-A: 100-YEAR FLOOD DRAINAGE
N.T.S.




GRAPHIC SCALE: 1 INCH = 40 FT

160 S. Old Springs Road
Suite 210
Anaheim Hills, CA 92808
714-685-6860
DRC Engineering, Inc.
Civil Engineering/Land Surveying/Land Planning

NOT FOR CONSTRUCTION

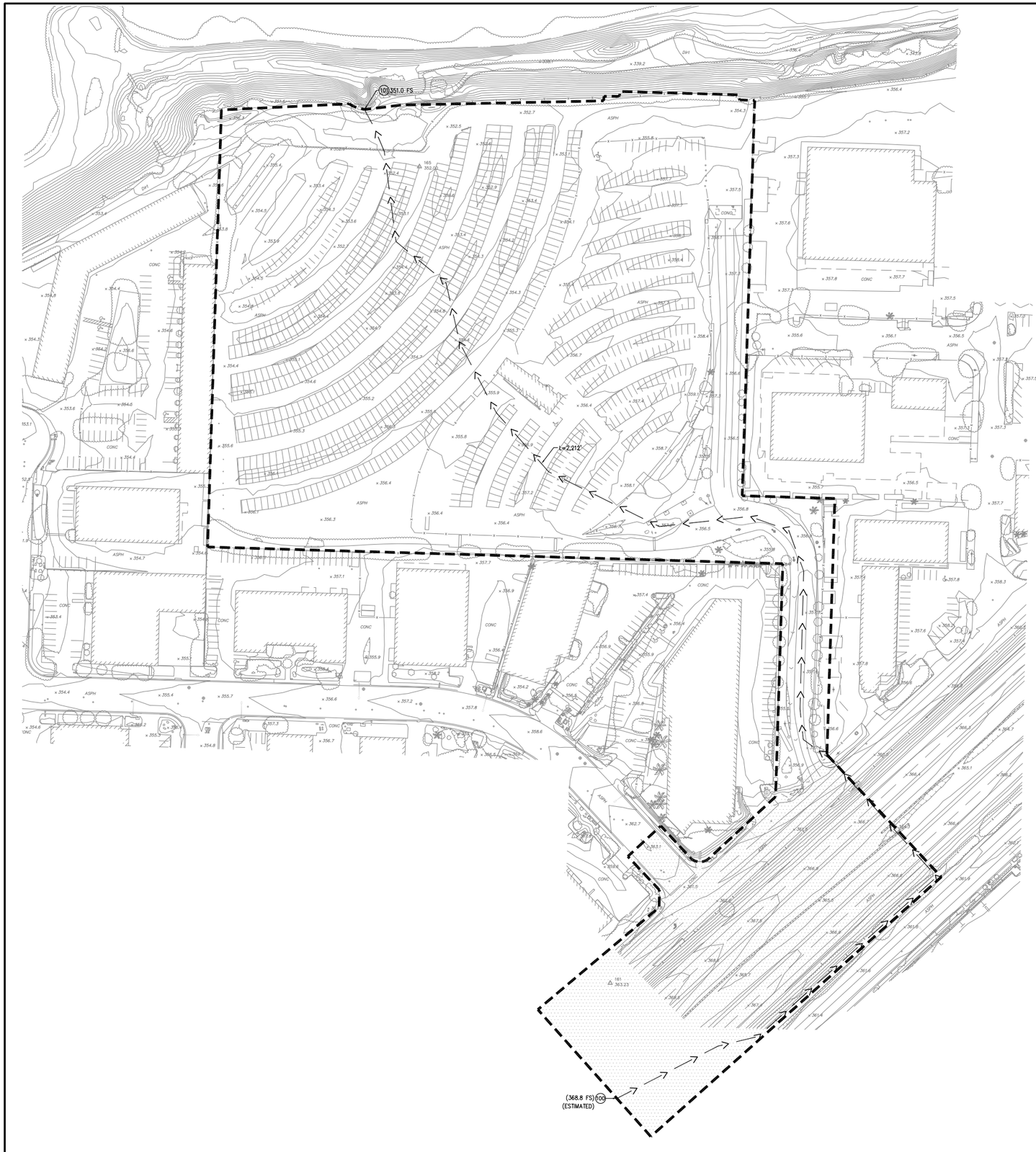
NO: REVISION: DATE:

PROJECT: NPP SANTEE
WOODSIDE AVE
SANTEE, CA

DRAWING NAME: DMA EXHIBIT

| | |
|---|---|
| ISSUE: | CONCEPT |
| DATE: | 11/03/22 |
| CHECKED: MH | DRAWN: MH |
| DRAWING FILE: 8732pg101 | |
| PROJECT NO.: 22-834 | |
| SHEET NUMBER: | 1 |
| OF 1 | SHEETS |
| SCALE: AS SHOWN | |

FILENAME: M:\2022\22-834 NPP Woodside Ave Santee\DMA\PLCAD\22-834 DMA Exhibit.dwg, LAST SAVED ON: Jan 10 2024 11:15am PLOTTED BY: NICHOLAS, ON: Jan 10 2024 11:22am, DTG:




**LEGEND**

- TRIBUTARY BOUNDARY
- SURFACE FLOW LINE
- FLOWLINE UNDERGROUND
- (1) NODE NUMBER
- L=XXX' FLOW DISTANCE
- AREA CONTRIBUTING TO FLOW FROM OFFSITE

N

60' 0' 60' 120' 180'

GRAPHIC SCALE: 1"=60'


160 S. Old Springs Road
Suite 210
Anaheim Hills, CA 92808
714-685-6860

Engineering, Inc.
Civil Engineering/Land Surveying/Land Planning


NOT FOR CONSTRUCTION

| NO. | REVISION: | DATE: |
|---|---|---|
| | | |

PROJECT: **NPP SANTEE**
**WOODSIDE AVE**
**SANTEE, CA**

DRAWING NAME: **EXISTING HYDROLOGY MAP**

| | |
|---|---|
| ISSUE: | HYDROLOGY |
| DATE: | 03/27/23 |
| CHECKED: MH | DRAWN: KH |
| DRAWING FILE: | |
| PROJECT NO.: | 22-534 |
| SHEET NUMBER: | 1 |
| OF 1 | SHEETS |
| SCALE: | AS SHOWN |

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# ATTACHMENT 1D

| Categorization of Infiltration Feasibility Condition | Form I-8 |
|---|---|

**Part 1 - Full Infiltration Feasibility Screening Criteria**

**Would infiltration of the full design volume be feasible from a physical perspective without any undesirable consequences that cannot be reasonably mitigated?**

| Criteria | Screening Question | Yes | No |
|---|---|---|---|
| 1 | **Is the estimated reliable infiltration rate below proposed facility locations greater than 0.5 inches per hour?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D. | X | |

Provide basis:

Infiltration tests were performed in accordance with the County of San Diego BMP Design Manual Appendix D - Geotechnical Engineer Analysis dated September 15, 2020 with field infiltration rates calculated using the Porchet Method (aka Inverse Borehole Method). The infiltration holes were carefully filled with clean water and refilled after two initial readings.

Two borings were done on the north and south of the site at 5' and 10' respectively. Infiltration rates were recorded at 21.4 in/hr and 18.8 in/hr with no factor of safety applied. A factor of safety of 3.00 was calculated to be applied to the lowest reading of 18.8 in/hr, yielding a design infiltration rate of 6.27.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

| | | | |
|---|---|---|---|
| 2 | **Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2. | X | |

Provide basis:

It is recommended that foundations shall be setback a minimum distance of 10 feet from the drainage disposal system and the bottom of footing shall be a minimum of 10 feet from the expected zone of saturation. The boundary of the zone of saturation may be assumed to project downwared from the top of the permeable portion of the disposal system at an inclination of 1 to 1 or flatter, as determined by the geotechnical engineer. The analysis for liquefaction indicates the potential for liquefaction at this site is low based upon a historic groundwater depth and peak ground acceleration of 0.417.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

| Form I-8 Page 2 of 4 | | | |
|---|---|---|---|
| Criteria | Screening Question | **Yes** | **No** |
| 3 | **Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of groundwater contamination (shallow water table, storm water pollutants or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3. | X | |
| Provide basis:<br>Groundwater was encountered at a depth of 23 and 24 feet below the ground surface. A nearby groundwater monitoring well located approximately 1.5 miles to the northeast from the subject site noted a groundwater depth ranging between 18 and 22 feet below the ground surface which is deeper than the minimum requirement of 10' below the base of an infiltration system per City of Santee BMP Design Manual.<br><br>Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability. | | | |
| 4 | **Can infiltration greater than 0.5 inches per hour be allowed without causing potential water balance issues such as change of seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3. | X | |
| Provide basis:<br>Groundwater was encountered at a depth of 23 and 24 feet below the ground surface. A nearby groundwater monitoring well located approximately 1.5 miles to the northeast from the subject site noted a groundwater depth ranging between 18 and 22 feet below the ground surface which is deeper than the minimum requirement of 10' below the base of an infiltration system per City of Santee BMP Design Manual. No ephemeral streams located on-site. Amount of infiltration is negligible to impact flow within the San Diego River.<br><br>Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability. | | | |
| **Part 1 Result *** | If all answers to rows 1 - 4 are "**Yes**" a full infiltration design is potentially feasible. The feasibility screening category is **Full Infiltration**<br><br>If any answer from row 1-4 is "**No**", infiltration may be possible to some extent but would not generally be feasible or desirable to achieve a "full infiltration" design. Proceed to Part 2 | Full Infiltration | |

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

## Form I-8 Page 3 of 4

**Part 2 – Partial Infiltration vs. No Infiltration Feasibility Screening Criteria**

**Would infiltration of water in any appreciable amount be physically feasible without any negative consequences that cannot be reasonably mitigated?**

| Criteria | Screening Question | Yes | No |
|---|---|---|---|
| 5 | **Do soil and geologic conditions allow for infiltration in any appreciable rate or volume?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D. | | |

Provide basis:

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

| | | | |
|---|---|---|---|
| 6 | **Can Infiltration in any appreciable quantity be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2. | | |

Provide basis:

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

| Form I-8 Page 4 of 4 | | | |
|---|---|---|---|
| Criteria | Screening Question | **Yes** | **No** |
| 7 | **Can Infiltration in any appreciable quantity be allowed without posing significant risk for groundwater related concerns (shallow water table, storm water pollutants or other factors)?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3. | | |
| Provide basis:<br><br>Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates. | | | |
| 8 | **Can infiltration be allowed without violating downstream water rights**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3. | | |
| Provide basis:<br><br>Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates. | | | |
| **Part 2 Result*** | If all answers from row 1-4 are yes then partial infiltration design is potentially feasible. The feasibility screening category is **Partial Infiltration.**<br><br>If any answer from row 5-8 is no, then infiltration of any volume is considered to be **infeasible** within the drainage area. The feasibility screening category is **No Infiltration.** | | |

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

# ATTACHMENT 1E

# E.8 INF-1 Infiltration Basin



**MS4 Permit Category**
Retention

**Manual Category**
Infiltration

**Applicable Performance Standard**
Pollutant Control
Flow Control

**Primary Benefits**
Volume Reduction
Peak Flow Attenuation

*Photo Credit: http://www.stormwaterpartners.com/facilities/basin.html*

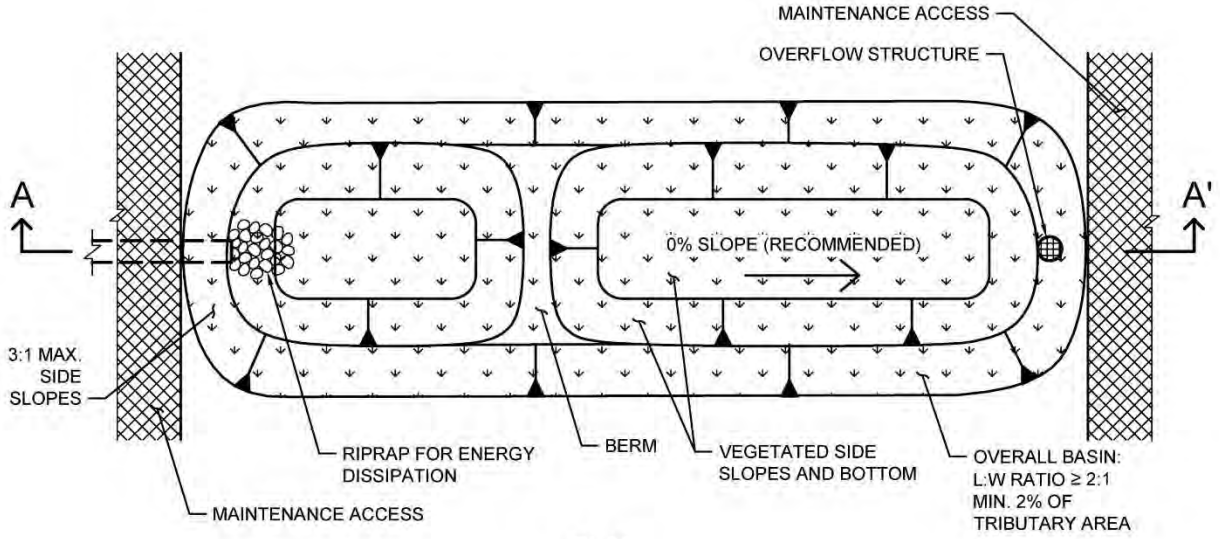
## *Description*

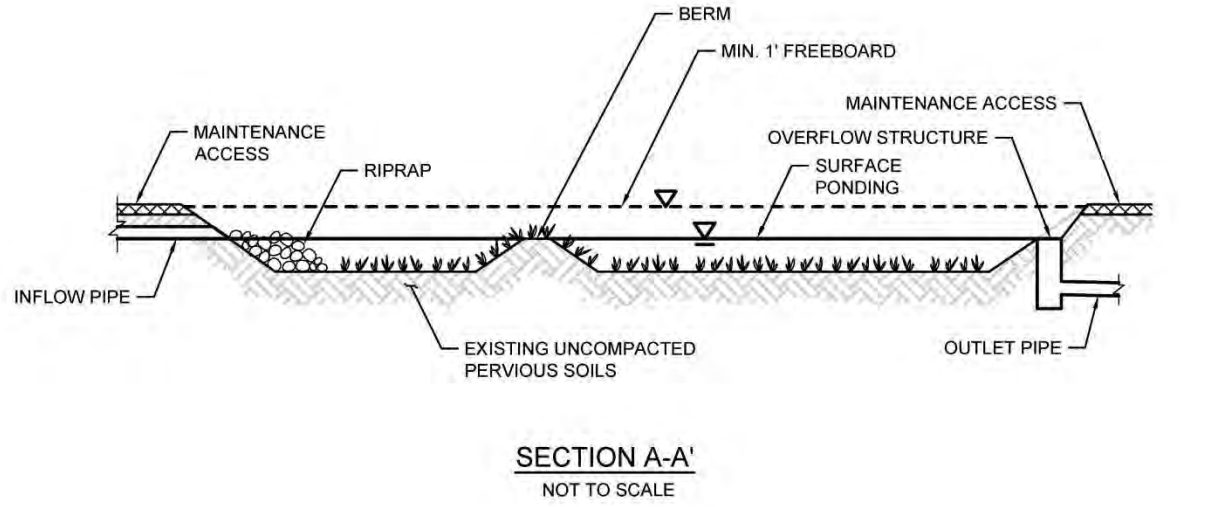
An infiltration basin typically consists of an earthen basin with a flat bottom constructed in naturally pervious soils. An infiltration basin retains storm water and allows it to evaporate and/or percolate into the underlying soils. The bottom of an infiltration basin is typically vegetated with native grasses or turf grass; however other types of vegetation can be used if they can survive periodic inundation and long inter-event dry periods. Treatment is achieved primarily through infiltration, filtration, sedimentation, biochemical processes and plant uptake. Infiltration basins can be constructed as linear **trenches** or as **underground infiltration galleries**.

Typical infiltration basin components include:

- Inflow distribution mechanisms (e.g., perimeter flow spreader or filter strips)
- Energy dissipation mechanism for concentrated inflows (e.g., splash blocks or riprap)
- Forebay to provide pretreatment surface ponding for captured flows
- Vegetation selected based on basin use, climate, and ponding depth
-

- Uncompacted native soils at the bottom of the facility
- Overflow structure




**Typical plan and section view of an Infiltration BMP**

### *Design Adaptations for Project Goals*

**Full infiltration BMP for storm water pollutant control.** Infiltration basins can be used as a pollutant control BMP, designed to infiltrate runoff from direct rainfall as well as runoff from adjacent areas that are tributary to the BMP. Infiltration basins must be designed with an infiltration storage volume (a function of the surface ponding volume) equal to the full DCV and able to meet drawdown time limitations.

**Integrated storm water flow control and pollutant control configuration.** Infiltration basins can also be designed for flow rate and duration control by providing additional infiltration storage through increasing the surface ponding volume.

### *Design Criteria and Considerations*

Infiltration basins must meet the following design criteria. Deviations from the below criteria may be approved at the discretion of the City Engineer if it is determined to be appropriate:

| | ***Siting and Design*** | ***Intent/Rationale*** |
|---|---|---|
| ☐ | Placement observes geotechnical recommendations regarding potential hazards (e.g., slope stability, landslides, liquefaction zones) and setbacks (e.g., slopes, foundations, utilities). | Must not negatively impact existing site geotechnical concerns. |
| ☐ | Selection and design of basin is based on infiltration feasibility criteria and appropriate design infiltration rate (See Appendix C and D). | Must operate as a full infiltration design and must be supported by drainage area and in-situ infiltration rate feasibility findings. |
| ☐ | Finish grade of the facility is ≤ 2% (0% recommended). | Flatter surfaces reduce erosion and channelization with the facility. |
| ☐ | Settling forebay has a volume ≥ 25% of facility volume below the forebay overflow. | A forebay to trap sediment can decrease frequency of required maintenance. |
| ☐ | Infiltration of surface ponding is limited to a 36-hour drawdown time. | Prolonged surface ponding reduce volume available to capture subsequent storms.<br>The applicant has an option to use a different drawdown time up to 96 hours if the volume of the facility is adjusted using the percent capture method in Appendix B.4.2. |
| ☐ | Minimum freeboard provided is ≥1 foot. | Freeboard minimizes risk of uncontrolled surface discharge. |

| *Siting and Design* | | *Intent/Rationale* |
|---|---|---|
| ☐ | Side slopes are = 3H:1V or shallower. | Gentler side slopes are safer, less prone to erosion, able to establish vegetation more quickly and easier to maintain. |
| ***Inflow and Overflow Structures*** | | |
| ☐ | Inflow and outflow structures are accessible by required equipment (e.g., vactor truck) for inspection and maintenance. | Maintenance will prevent clogging and ensure proper operation of the flow control structures. |
| ☐ | Inflow velocities are limited to 3 ft/s or less or use energy dissipation methods (e.g., riprap, level spreader) for concentrated inflows. | High inflow velocities can cause erosion, scour and/or channeling. |
| ☐ | Overflow is safely conveyed to a downstream storm drain system or discharge point. Size overflow structure to pass 100-year peak flow for on-line basins and water quality peak flow for off-line basins. | Planning for overflow lessens the risk of property damage due to flooding. |

### *Conceptual Design and Sizing Approach for Storm Water Pollutant Control*

To design infiltration basins for storm water pollutant control only (no flow control required), the following steps should be taken:

1. Verify that siting and design criteria have been met, including placement and basin area requirements, forebay volume, and maximum slopes for basin sides and bottom.
2. Calculate the DCV per Appendix B based on expected site design runoff for tributary areas.
3. Use the sizing worksheet (Appendix B.4) to determine if full infiltration of the DCV is achievable based on the infiltration storage volume calculated from the surface ponding area and depth for a maximum 36-hour drawdown time. The drawdown time can be estimated by dividing the average depth of the basin by the design infiltration rate. Appendix D provides guidance on evaluating a site's infiltration rate.

***Conceptual Design and Sizing Approach for Storm Water Pollutant Treatment and Flow Control***

Control of flow rates and/or durations will typically require significant surface ponding volume, and therefore the following steps should be taken prior to determination of storm water pollutant control design. Pre-development and allowable post-project flow rates and durations should be determined as discussed in Chapter 6 of the manual.

1. Verify that siting and design criteria have been met, including placement and basin area requirements, forebay volume, and maximum slopes for basin sides and bottom.
2. Iteratively determine the surface ponding required to provide infiltration storage to reduce flow rates and durations to allowable limits while adhering to the maximum 36-hour drawdown time. Flow rates and durations can be controlled using flow splitters that route the appropriate inflow amounts to the infiltration basin and bypass excess flows to the downstream storm drain system or discharge point.
3. If an infiltration basin cannot fully provide the flow rate and duration control required by this manual, an upstream or downstream structure with appropriate storage volume such as an underground vault can be used to provide additional control.
4. After the infiltration basin has been designed to meet flow control requirements, calculations must be completed to verify if storm water pollutant control requirements to treat the DCV have been met.

# Automated Worksheet B.1: Calculation of Design Capture Volume (V2.0)

| Category | # | Description | *i* | *ii* | *iii* | *iv* | *v* | *vi* | *vii* | *viii* | *ix* | *x* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Drainage Basin Inputs** | 1 | Drainage Basin ID or Name | A | | | | | | | | | | unitless |
| | 2 | 85th Percentile 24-hr Storm Depth | 0.50 | | | | | | | | | | inches |
| | 3 | Impervious Surfaces Not Directed to Dispersion Area (C=0.90) | 576,610 | | | | | | | | | | sq-ft |
| | 4 | Semi-Pervious Surfaces Not Serving as Dispersion Area (C=0.30) | | | | | | | | | | | sq-ft |
| | 5 | Engineered Pervious Surfaces Not Serving as Dispersion Area (C=0.10) | 28,523 | | | | | | | | | | sq-ft |
| | 6 | Natural Type A Soil Not Serving as Dispersion Area (C=0.10) | | | | | | | | | | | sq-ft |
| | 7 | Natural Type B Soil Not Serving as Dispersion Area (C=0.14) | | | | | | | | | | | sq-ft |
| | 8 | Natural Type C Soil Not Serving as Dispersion Area (C=0.23) | | | | | | | | | | | sq-ft |
| | 9 | Natural Type D Soil Not Serving as Dispersion Area (C=0.30) | | | | | | | | | | | sq-ft |
| **Dispersion Area, Tree Well & Rain Barrel Inputs (Optional)** | 10 | Does Tributary Incorporate Dispersion, Tree Wells, and/or Rain Barrels? | No | No | No | No | No | No | No | No | No | No | yes/no |
| | 11 | Impervious Surfaces **Directed to Dispersion Area** per SD-B (Ci=0.90) | | | | | | | | | | | sq-ft |
| | 12 | Semi-Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.30) | | | | | | | | | | | sq-ft |
| | 13 | Engineered Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.10) | | | | | | | | | | | sq-ft |
| | 14 | Natural Type A Soil **Serving as Dispersion Area** per SD-B (Ci=0.10) | | | | | | | | | | | sq-ft |
| | 15 | Natural Type B Soil **Serving as Dispersion Area** per SD-B (Ci=0.14) | | | | | | | | | | | sq-ft |
| | 16 | Natural Type C Soil **Serving as Dispersion Area** per SD-B (Ci=0.23) | | | | | | | | | | | sq-ft |
| | 17 | Natural Type D Soil **Serving as Dispersion Area** per SD-B (Ci=0.30) | | | | | | | | | | | sq-ft |
| | 18 | Number of Tree Wells Proposed per SD-A | | | | | | | | | | | # |
| | 19 | Average Mature Tree Canopy Diameter | | | | | | | | | | | ft |
| | 20 | Number of Rain Barrels Proposed per SD-E | | | | | | | | | | | # |
| | 21 | Average Rain Barrel Size | | | | | | | | | | | gal |
| **Initial Runoff Factor Calculation** | 22 | Total Tributary Area | 605,133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | sq-ft |
| | 23 | Initial Runoff Factor for Standard Drainage Areas | 0.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | unitless |
| | 24 | Initial Runoff Factor for Dispersed & Dispersion Areas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | unitless |
| | 25 | Initial Weighted Runoff Factor | 0.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | unitless |
| | 26 | Initial Design Capture Volume | 21,684 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| **Dispersion Area Adjustments** | 27 | Total Impervious Area Dispersed to Pervious Surface | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | sq-ft |
| | 28 | Total Pervious Dispersion Area | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | sq-ft |
| | 29 | Ratio of Dispersed Impervious Area to Pervious Dispersion Area | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | ratio |
| | 30 | Adjustment Factor for Dispersed & Dispersion Areas | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | ratio |
| | 31 | Runoff Factor After Dispersion Techniques | 0.86 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | unitless |
| | 32 | Design Capture Volume After Dispersion Techniques | 21,684 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| **Tree & Barrel Adjustments** | 33 | Total Tree Well Volume Reduction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 34 | Total Rain Barrel Volume Reduction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| **Results** | 35 | Final Adjusted Runoff Factor | 0.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | unitless |
| | 36 | Final Effective Tributary Area | 520,414 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | sq-ft |
| | 37 | Initial Design Capture Volume Retained by Site Design Elements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 38 | Final Design Capture Volume Tributary to BMP | 21,684 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |

**No Warning Messages**

## Automated Worksheet B.2: Retention Requirements (V2.0)

| Category | # | Description | *i* | *ii* | *iii* | *iv* | *v* | *vi* | *vii* | *viii* | *ix* | *x* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Basic Analysis | 1 | Drainage Basin ID or Name | A | - | - | - | - | - | - | - | - | - | unitless |
| | 2 | 85th Percentile Rainfall Depth | 0.50 | - | - | - | - | - | - | - | - | - | inches |
| | 3 | Predominant NRCS Soil Type Within BMP Location | A | | | | | | | | | | unitless |
| | 4 | Is proposed BMP location Restricted or Unrestricted for Infiltration Activities? | Unrestricted | | | | | | | | | | unitless |
| | 5 | Nature of Restriction | n/a | | | | | | | | | | unitless |
| | 6 | Do Minimum Retention Requirements Apply to this Project? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | yes/no |
| | 7 | Are Habitable Structures Greater than 9 Stories Proposed? | No | | | | | | | | | | yes/no |
| Advanced Analysis | 8 | Has Geotechnical Engineer Performed an Infiltration Analysis? | Yes | | | | | | | | | | yes/no |
| | 9 | Design Infiltration Rate Recommended by Geotechnical Engineer | 6.270 | | | | | | | | | | in/hr |
| Result | 10 | Design Infiltration Rate Used To Determine Retention Requirements | 6.270 | - | - | - | - | - | - | - | - | - | in/hr |
| | 11 | Percent of Average Annual Runoff that Must be Retained within DMA | 80.0% | - | - | - | - | - | - | - | - | - | percentage |
| | 12 | Fraction of DCV Requiring Retention | 0.99 | - | - | - | - | - | - | - | - | - | ratio |
| | 13 | Required Retention Volume | 21467 | - | - | - | - | - | - | - | - | - | cubic-feet |

**No Warning Messages**

## Automated Worksheet B.3: BMP Performance (V2.0)

| Category | # | Description | *i* | *ii* | *iii* | *iv* | *v* | *vi* | *vii* | *viii* | *ix* | *x* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BMP Inputs | 1 | Drainage Basin ID or Name | A | - | - | - | - | - | - | - | - | - | sq-ft |
| | 2 | Design Infiltration Rate Recommended | 6.270 | - | - | - | - | - | - | - | - | - | in/hr |
| | 3 | Design Capture Volume Tributary to BMP | 21,684 | - | - | - | - | - | - | - | - | - | cubic-feet |
| | 4 | Is BMP Vegetated or Unvegetated? | Unvegetated | | | | | | | | | | unitless |
| | 5 | Is BMP Impermeably Lined or Unlined? | Unlined | | | | | | | | | | unitless |
| | 6 | Does BMP Have an Underdrain? | No Underdrain | | | | | | | | | | unitless |
| | 7 | Does BMP Utilize Standard or Specialized Media? | Standard | | | | | | | | | | unitless |
| | 8 | Provided Surface Area | 6,233 | | | | | | | | | | sq-ft |
| | 9 | Provided Surface Ponding Depth | 60 | | | | | | | | | | inches |
| | 10 | Provided Soil Media Thickness | 0 | | | | | | | | | | inches |
| | 11 | Provided Gravel Thickness (Total Thickness) | 21 | | | | | | | | | | inches |
| | 12 | Underdrain Offset | | | | | | | | | | | inches |
| | 13 | Diameter of Underdrain or Hydromod Orifice (Select Smallest) | | | | | | | | | | | inches |
| | 14 | Specialized Soil Media Filtration Rate | | | | | | | | | | | in/hr |
| | 15 | Specialized Soil Media Pore Space for Retention | | | | | | | | | | | unitless |
| | 16 | Specialized Soil Media Pore Space for Biofiltration | | | | | | | | | | | unitless |
| | 17 | Specialized Gravel Media Pore Space | | | | | | | | | | | unitless |
| Retention Calculations | 18 | Volume Infiltrated Over 6 Hour Storm | 19,540 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 19 | Ponding Pore Space Available for Retention | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | unitless |
| | 20 | Soil Media Pore Space Available for Retention | 0.40 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | unitless |
| | 21 | Gravel Pore Space Available for Retention (Above Underdrain) | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | unitless |
| | 22 | Gravel Pore Space Available for Retention (Below Underdrain) | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | unitless |
| | 23 | Effective Retention Depth | 68.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | inches |
| | 24 | Fraction of DCV Retained (Independent of Drawdown Time) | 2.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ratio |
| | 25 | Calculated Retention Storage Drawdown Time | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | hours |
| | 26 | Efficacy of Retention Processes | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ratio |
| | 27 | Volume Retained by BMP (Considering Drawdown Time) | 21,684 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 28 | Design Capture Volume Remaining for Biofiltration | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| Biofiltration Calculations | 29 | Max Hydromod Flow Rate through Underdrain | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | cfs |
| | 30 | Max Soil Filtration Rate Allowed by Underdrain Orifice | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | in/hr |
| | 31 | Soil Media Filtration Rate per Specifications | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | in/hr |
| | 32 | Soil Media Filtration Rate to be used for Sizing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | in/hr |
| | 33 | Depth Biofiltered Over 6 Hour Storm | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | inches |
| | 34 | Ponding Pore Space Available for Biofiltration | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | unitless |
| | 35 | Soil Media Pore Space Available for Biofiltration | 0.00 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | unitless |
| | 36 | Gravel Pore Space Available for Biofiltration (Above Underdrain) | 0.00 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | unitless |
| | 37 | Effective Depth of Biofiltration Storage | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | inches |
| | 38 | Drawdown Time for Surface Ponding | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | hours |
| | 39 | Drawdown Time for Effective Biofiltration Depth | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | hours |
| | 40 | Total Depth Biofiltered | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | inches |
| | 41 | Option 1 - Biofilter 1.50 DCV: Target Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 42 | Option 1 - Provided Biofiltration Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 43 | Option 2 - Store 0.75 DCV: Target Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 44 | Option 2 - Provided Storage Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 45 | Portion of Biofiltration Performance Standard Satisfied | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ratio |
| Result | 46 | Do Site Design Elements and BMPs Satisfy Annual Retention Requirements? | Yes | - | - | - | - | - | - | - | - | - | yes/no |
| | 47 | Overall Portion of Performance Standard Satisfied (BMP Efficacy Factor) | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ratio |
| | 48 | **Deficit of Effectively Treated Stormwater** | 0 | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | **n/a** | cubic-feet |

**Attention!**

- BMPs sized at <3% of the effective tributary areas must be accompanied by Reduced Size BMP Maintenance calculations (see last tab).

## Automated Worksheet B.4: Reduced Size BMP Maintenance Interval (V2.0)

| Category | # | Description | *i* | *ii* | *iii* | *iv* | *v* | *vi* | *vii* | *viii* | *ix* | *x* | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Drainage Basin Info** | 1 | Drainage Basin ID or Name | A | - | - | - | - | - | - | - | - | - | unitless |
| | 2 | Final Effective Tributary Area | 520,414 | - | - | - | - | - | - | - | - | - | sq-ft |
| | 3 | Provided BMP Surface Area | 6,233 | - | - | - | - | - | - | - | - | - | sq-ft |
| **Biofiltration Clogging Inputs** | 4 | Average Annual Precipitation | | | | | | | | | | | inches |
| | 5 | Load to Clog (default =2.0) | | | | | | | | | | | lb/sq-ft |
| | 6 | TSS Pretreatment Efficacy | | | | | | | | | | | yes/no |
| | 7 | Percentage "Commercial" | | | | | | | | | | | percentage |
| | 8 | Percentage "Education" | | | | | | | | | | | percentage |
| | 9 | Percentage "Industrial" | | | | | | | | | | | percentage |
| | 10 | Percentage "Low Traffic Areas" | | | | | | | | | | | percentage |
| | 11 | Percentage "Multi-Family Residential" | | | | | | | | | | | percentage |
| | 12 | Percentage "Roof Areas" | | | | | | | | | | | percentage |
| | 13 | Percentage "Single Family Residential" | | | | | | | | | | | percentage |
| | 14 | Percentage "Transportation" | | | | | | | | | | | percentage |
| | 15 | Percentage "Vacant/Open Space" | | | | | | | | | | | percentage |
| | 16 | Percentage "Steep Hillslopes" | | | | | | | | | | | percentage |
| **Result** | 17 | Total Percentage of Above Land Uses | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | percentage |
| | 18 | Average TSS Concentration for Tributary After Pretreatment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | mg/L |
| | 19 | Average Annual Runoff Volume | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | cubic-feet |
| | 20 | Average Annual TSS Load | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | lb/yr |
| | 21 | Available Sediment Storage within BMP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | lb |
| | 22 | Anticipated Major Maintenance Frequency | - | - | - | - | - | - | - | - | - | - | years |

**No Warning Messages**

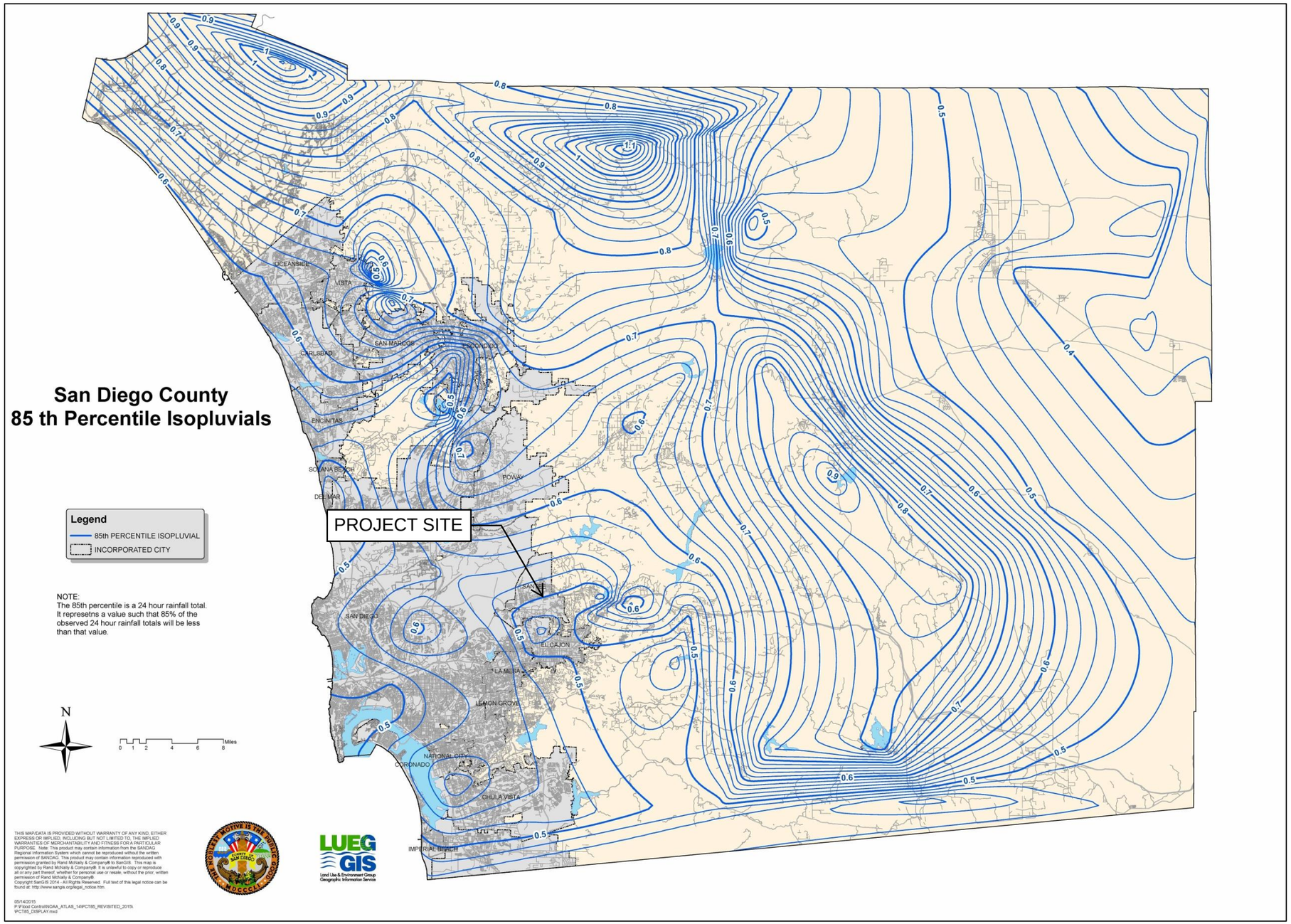



**Figure B.1-1: 85th Percentile 24-hour Isopluvial Map**

| Factor of Safety and Design Infiltration Rate Worksheet | | | Worksheet D.5-1: Form I-9 | | |
|---|---|---|---|---|---|
| Factor Category | | Factor Description | Assigned Weight (w) | Factor Value (v) | Product (p) p = w x v |
| A | Suitability Assessment | Soil assessment methods | 0.25 | 3 | 0.75 |
| | | Predominant soil texture | 0.25 | 1 | 0.25 |
| | | Site soil variability | 0.25 | 1 | 0.25 |
| | | Depth to groundwater / impervious layer | 0.25 | 1 | 0.25 |
| | | Suitability Assessment Safety Factor, $S_A = \Sigma p$ | | | 1.50 |
| B | Design | Level of pretreatment/ expected sediment loads | 0.5 | 2 | 1.00 |
| | | Redundancy/resiliency | 0.25 | 2 | 0.50 |
| | | Compaction during construction | 0.25 | 2 | 0.50 |
| | | Design Safety Factor, $S_B = \Sigma p$ | | | 2.00 |
| Combined Safety Factor, $S_{total} = S_A \times S_B$ [Minimum of 2 and Maximum of 9] | | | | | 3.00 |
| Observed Infiltration Rate, inch/hr., $K_{observed}$ (corrected for test-specific bias) Note: This worksheet is only applicable when the observed infiltration rate is greater than or equal to 1 inch/hr. | | | | | 18.8 |
| Design Infiltration Rate, in/hr., $K_{design} = K_{observed} / S_{total}$ Note: If the estimated design infiltration rate is less than or equal to 0.5 inch/hr. then the applicant may choose to implement partial infiltration BMPs. | | | | | 6.27 |

Supporting Data

Briefly describe infiltration test and provide reference to test forms:

Infiltration Tests were performed in accordance with the County of San Diego BMP Design Manual Appendix D - Geotechnical Engineer Analysis dated September 15, 2020 with field infiltration rates calculated using the Porchet Method (aka Inverse Borehole Method). A truck mounted Simco 2800 Drill Rig equipped with a hollow stem auger was used to excavate the exploratory borings to depths of 5' and 10' below existing ground suface. The borings consisted of six-inch diameter test holes. A three-inch diameter perforated PVC casing with solid end cap was installed in the borings and then surrounded with gravel materials to prevent caving. Percolation data can be found in Attachment 1.E.

**Note**: Worksheet D.5-1: Form I-9 is only applicable to design BMPs in "full infiltration condition". This form is not applicable for categorization of infiltration feasibility (Worksheet C.4-1: Form I-8) and/or for designing BMPs in "partial infiltration condition" or "no infiltration condition".

NOT APPLICABLE

# ATTACHMENT 2
# BACKUP FOR PDP HYDROMODIFICATION CONTROL MEASURES

*This is the cover sheet for Attachment 2.*

☐ Mark this box if this attachment is empty because the project is exempt from PDP hydromodification management requirements.

**Indicate which Items are Included behind this cover sheet:**

| Attachment Sequence | Contents | Checklist |
|---|---|---|
| Attachment 2a | Hydromodification Management Exhibit (Required) | ☐ Included<br><br>See Hydromodification Management Exhibit Checklist on the back of this Attachment cover sheet. |
| Attachment 2b | Management of Critical Coarse Sediment Yield Areas (WMAA Exhibit is required, additional analyses are optional)<br><br>See Section 6.2 of the BMP Design Manual. | ☐ Exhibit showing project drainage boundaries marked on WMAA Critical Coarse Sediment Yield Area Map (Required)<br><br>Optional analyses for Critical Coarse Sediment Yield Area Determination<br>☐ 6.2.1 Verification of Geomorphic Landscape Units Onsite<br>☐ 6.2.2 Downstream Systems Sensitivity to Coarse Sediment<br>☐ 6.2.3 Optional Additional Analysis of Potential Critical Coarse Sediment Yield Areas Onsite |
| Attachment 2c | Geomorphic Assessment of Receiving Channels (Optional)<br>See Section 6.3.4 of the BMP Design Manual. | ☐ Not performed<br>☐ Included<br>☐ Submitted as separate stand-alone document |
| Attachment 2d | Flow Control Facility Design, including Structural BMP Drawdown Calculations and Overflow Design Summary (Required)<br>See Chapter 6 and Appendix G of the BMP Design Manual | ☐ Included<br>☐ Submitted as separate stand-alone document |
| Attachment 2e | Vector Control Plan (Required when structural BMPs will not drain in 96 hours) | ☐ Included<br>☐ Not required because BMPs will drain in less than 96 hours |

***Use this checklist to ensure the required information has been included on the Hydromodification Management Exhibit:***

The Hydromodification Management Exhibit must identify:

- ☐ Underlying hydrologic soil group
- ☐ Approximate depth to groundwater
- ☐ Existing natural hydrologic features ( watercourses, seeps, springs, wetlands)
- ☐ Critical coarse sediment yield areas to be protected
- ☐ Existing topography
- ☐ Existing and proposed site drainage network and connections to drainage offsite
- ☐ Proposed grading
- ☐ Proposed impervious features
- ☐ Proposed design features and surface treatments used to minimize imperviousness
- ☐ Point(s) of Compliance (POC) for Hydromodification Management
- ☐ Existing and proposed drainage boundary and drainage area to each POC (when necessary, create separate exhibits for pre-development and post-project conditions)
- ☐ Structural BMPs for hydromodification management (identify location, type of BMP, and size/detail)

# San Diego River Watershed Management Area
## HU 907.00, 436 mi2

Legend

- Watershed Boundaries
- Municipal Boundaries
- Regional WMAA Streams
- Exempt Bodies: Water Storage Reservoirs, Lakes, Enclosed Embayments, Pacific Ocean, Buena Vista Lagoon
- Exempt River Reaches: Reaches of San Luis Rey River, San Dieguito River, San Diego River, Forester Creek, Sweetwater River, Otay River
- Exempt Conveyance Systems: Existing underground storm drains or conveyance channels whose bed and bank are concrete-lined, discharging directly to exempt water bodies, exempt rivers, or localized areas of Agua Hedionda Lagoon and Batiquitos Lagoon

CARLSBAD
SAN MARCOS
ENCINITAS
S.D. COUNTY
POWAY
SAN DIEGO
SANTEE
EL CAJON
LA MESA
LEMON GROVE
CORONADO
S.D. COUNTY

Marcos Creek
Escondido Creek
San Dieguito River
Santa Ysabel Creek
Lusardi Creek
Rattlesnake Creek
Los Penasquitos Creek
Carroll Canyon Creek
Rose Creek
San Diego River
Forester Creek
San Diego River
Chollas Creek
Sweetwater River

PROJECT SITE



Key Map (Not to Scale)

Aerial Imagery Source: DigitalGlobe, 06/2012

0 3.75 7.5 15 Miles

NORTH

# Receiving Waters and Conveyance Systems Exempt from Hydromodification Management Requirements

Exhibit Date: Sept. 8, 2014

Geosyntec consultants
RICK ENGINEERING COMPANY

# ATTACHMENT 3
# Structural BMP Maintenance Information

*This is the cover sheet for Attachment 3.*

**Indicate which Items are Included behind this cover sheet:**

| Attachment Sequence | Contents | Checklist |
|---|---|---|
| Attachment 3a | Structural BMP Maintenance Thresholds and Actions (Required) | ☐ Included<br><br>See Structural BMP Maintenance Information Checklist on the back of this Attachment cover sheet. |
| Attachment 3b | Draft Maintenance Agreement (when applicable) | ☐ Included<br>☐ Not Applicable |

***Use this checklist to ensure the required information has been included in the Structural BMP Maintenance Information Attachment:***

☐ **Preliminary Design / Planning / CEQA level submittal:**

Attachment 3a must identify:

- ☐ Typical maintenance indicators and actions for proposed structural BMP(s) based on Section 7.7 of the BMP Design Manual

Attachment 3b is not required for preliminary design / planning / CEQA level submittal.

☐ **Final Design level submittal:**

Attachment 3a must identify:

- ☐ Specific maintenance indicators and actions for proposed structural BMP(s). This shall be based on Section 7.7 of the BMP Design Manual and enhanced to reflect actual proposed components of the structural BMP(s)
- ☐ How to access the structural BMP(s) to inspect and perform maintenance
- ☐ Features that are provided to facilitate inspection (e.g., observation ports, cleanouts, silt posts, or other features that allow the inspector to view necessary components of the structural BMP and compare to maintenance thresholds)
- ☐ Manufacturer and part number for proprietary parts of structural BMP(s) when applicable
- ☐ Maintenance thresholds specific to the structural BMP(s), with a location-specific frame of reference (e.g., level of accumulated materials that triggers removal of the materials, to be identified based on viewing marks on silt posts or measured with a survey rod with respect to a fixed benchmark within the BMP)
- ☐ Recommended equipment to perform maintenance
- ☐ When applicable, necessary special training or certification requirements for inspection and maintenance personnel such as confined space entry or hazardous waste management

Attachment 3b: For private entity operation and maintenance, Attachment 3b shall include a draft maintenance agreement in the local jurisdiction's standard format (PDP applicant to contact the [City Engineer] to obtain the current maintenance agreement forms).

# Isolator® Row
# O&M Manual



ADS StormTech™

# The Isolator® Row

### Introduction

An important component of any Stormwater Pollution Prevention Plan is inspection and maintenance. The StormTech Isolator Row is a technique to inexpensively enhance Total Suspended Solids (TSS) and Total Phosphorus (TP) removal with easy access for inspection and maintenance.

### The Isolator Row

The Isolator Row is a row of StormTech chambers, either SC-160, SC-310, SC-310-3, SC-740, DC-780, MC-3500 or MC-7200 models, that is surrounded with filter fabric and connected to a closely located manhole for easy access. The fabric-wrapped chambers provide for sediment settling and filtration as stormwater rises in the Isolator Row and passes through the filter fabric. The open bottom chambers and perforated sidewalls (SC-310, SC- 310-3 and SC-740 models) allow stormwater to flow both vertically and horizontally out of the chambers. Sediments are captured in the Isolator Row protecting the adjacent stone and chambers storage areas from sediment accumulation.

ADS geotextile fabric is placed between the stone and the Isolator Row chambers. The woven geotextile provides a media for stormwater filtration, a durable surface for maintenance, prevents scour of the underlying stone and remains intact during high pressure jetting. A non-woven fabric is placed over the chambers to provide a filter media for flows passing through the chamber's sidewall. The non-woven fabric is not required over the SC-160, DC-780, MC-3500 or MC-7200 models as these chambers do not have perforated side walls.

The Isolator Row is designed to capture the "first flush" runoff and offers the versatility to be sized on a volume basis or a flow-rate basis. An upstream manhole provides access to the Isolator Row and includes a high/low concept such that stormwater flow rates or volumes that exceed the capacity of the Isolator Row bypass through a manifold to the other chambers. This is achieved with an elevated bypass manifold or a high-flow weir. This creates a differential between the Isolator Row row of chambers and the manifold to the rest of the system, thus allowing for settlement time in the Isolator Row. After Stormwater flows through the Isolator Row and into the rest of the chamber system it is either exfiltrated into the soils below or passed at a controlled rate through an outlet manifold and outlet control structure.

The Isolator Row may be part of a treatment train system. The treatment train design and pretreatment device selection by the design engineer is often driven by regulatory requirements. Whether pretreatment is used or not, StormTech recommend using the Isolator Row to minimize maintenance requirements and maintenance costs.

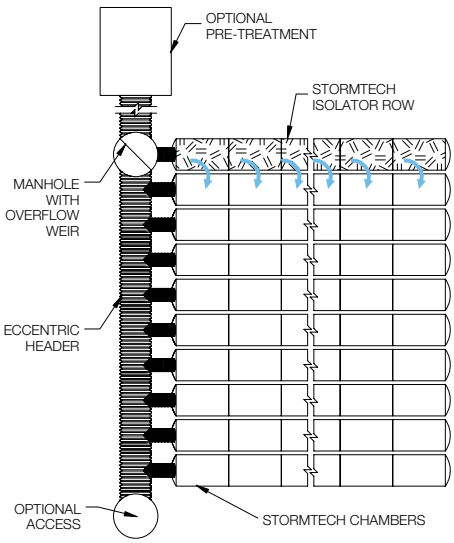
**Note:** *See the StormTech Design Manual for detailed information on designing inlets for a StormTech system, including the Isolator Row.*



**Looking down the Isolator Row from the manhole opening, woven geotextile Fabric is shown between the chamber and stone base.**



**StormTech Isolator Row with Overflow Spillway** (*not to scale*)



# Isolator Row Inspection/Maintenance

### Inspection

The frequency of inspection and maintenance varies by location. A routine inspection schedule needs to be established for each individual location based upon site specific variables. The type of land use (i.e. industrial, commercial, residential), anticipated pollutant load, percent imperviousness, climate, etc. all play a critical role in determining the **actual frequency of inspection and maintenance practices.**

At a minimum, StormTech recommends annual inspections. Initially, the Isolator Row should be inspected every 6 months for the first year of operation. For subsequent years, the inspection should be adjusted based upon previous observation of sediment deposition.

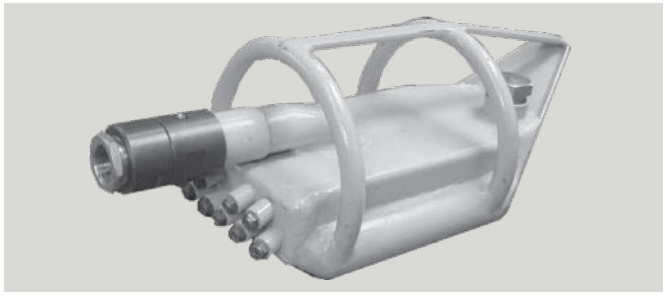
The Isolator Row incorporates a combination of standard manhole(s) and strategically located inspection ports (as needed). The inspection ports allow for easy access to the system from the surface, eliminating the need to perform a confined space entry for inspection purposes.

If upon visual inspection it is found that sediment has accumulated, a stadia rod should be inserted to determine the depth of sediment. When the average depth of sediment exceeds 3 inches throughout the length of the Isolator Row, clean-out should be performed.

### Maintenance

The Isolator Row was designed to reduce the cost of periodic maintenance. By “isolating” sediments to just one row, costs are dramatically reduced by eliminating the need to clean out each row of the entire storage bed. If inspection indicates the potential need for maintenance, access is provided via a manhole(s) located on the end(s) of the row for cleanout. If entry into the manhole is required, please follow local and OSHA rules for a confined space entries.

Maintenance is accomplished with the JetVac process. The JetVac process utilizes a high pressure water nozzle to propel itself down the Isolator Row while scouring and suspending sediments. As the nozzle is retrieved, the captured pollutants are flushed back into the manhole for vacuuming. Most sewer and pipe maintenance companies have vacuum/JetVac combination vehicles. Selection of an appropriate JetVac nozzle will improve maintenance efficiency. Fixed nozzles designed for culverts or large diameter pipe cleaning are preferable. Rear facing jets with an effective spread of at least 45” are best. JetVac reels can vary in length. For ease of maintenance, ADS recommends Isolator Row lengths up to 200" (61 m). **The JetVac process shall only be performed on StormTech Isolator Rows that have AASHTO class 1 woven geotextile (as specified by StormTech) over their angular base stone.**

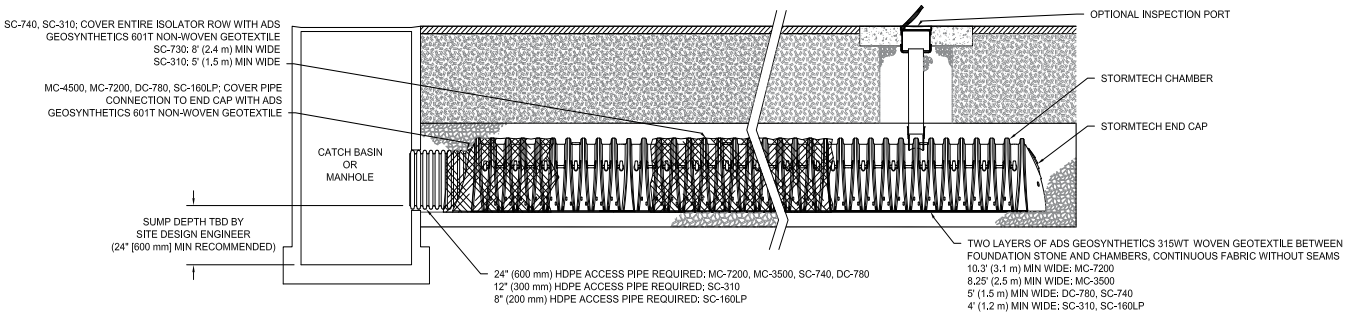






**StormTech Isolator Row** (not to scale)

**Note:** *Non-woven fabric is only required over the inlet pipe connection into the end cap for SC-160LP, DC-780, MC-3500 and MC-7200 chamber models and is not required over the entire Isolator Row.*



# Isolator Row Step By Step Maintenance Procedures

**Step 1**

Inspect Isolator Row for sediment.

A) Inspection ports (if present)
   i. Remove lid from floor box frame
   ii. Remove cap from inspection riser
   iii. Using a flashlight and stadia rod,measure depth of sediment and record results on maintenance log.
   iv. If sediment is at or above 3 inch depth, proceed to Step 2. If not, proceed to Step 3.

B) All Isolator Row
   i. Remove cover from manhole at upstream end of Isolator Row
   ii. Using a flashlight, inspect down Isolator Row through outlet pipe
      1. Mirrors on poles or cameras may be used to avoid a confined space entry
      2. Follow OSHA regulations for confined space entry if entering manhole
   iii. If sediment is at or above the lower row of sidewall holes (approximately 3 inches), proceed to Step 2. If not, proceed to Step 3.

**Step 2**

Clean out Isolator Row using the JetVac process.

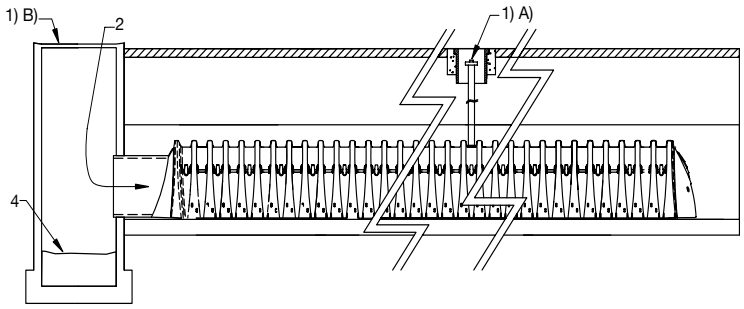
A) A fixed floor cleaning nozzle with rear facing nozzle spread of 45 inches or more is preferable
B) Apply multiple passes of JetVac until backflush water is clean
C) Vacuum manhole sump as required

**Step 3**

Replace all caps, lids and covers, record observations and actions.

**Step 4**

Inspect & clean catch basins and manholes upstream of the StormTech system.




**Sample Maintenance Log**

| Date | Stadia Rod Readings | | Sediment Depth (1)–(2) | Observations/Actions | Inspector |
|---|---|---|---|---|---|
| | Fixed point to chamber bottom (1) | Fixed point to top of sediment (2) | | | |
| 3/15/11 | 6.3 ft | none | | New installation. Fixed point is CI frame at grade | DJM |
| 9/24/11 | | 6.2 | 0.1 ft | Some grit felt | SM |
| 6/20/13 | | 5.8 | 0.5 ft | Mucky feel, debris visible in manhole and in Isolator Row, maintenance due | NV |
| 7/7/13 | 6.3 ft | | 0 | System jetted and vacuumed | DJM |

**adspipe.com**
800-821-6710

ADS "Terms and Conditions of Sale" are available on the ADS website, www.ads-pipe.com
The ADS logo and the Green Stripe are registered trademarks of Advanced Drainage Systems, Inc.
Stormtech® and the Isolator® Row are registered trademarks of StormTech, Inc.
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Oldcastle Infrastructure™
A CRH COMPANY

# FLOGARD+PLUS®
# CATCH BASIN INSERT FILTER

## Inspection and Maintenance Guide



DRAINAGE PROTECTION SYSTEMS
DPS
*A division of*
*Oldcastle Infrastructure*

Water

## SCOPE:

Federal, State and Local Clean Water Act regulations and those of insurance carriers require that stormwater filtration systems be maintained and serviced on a recurring basis. The intent of the regulations is to ensure that the systems, on a continuing basis, efficiently remove pollutants from stormwater runoff thereby preventing pollution of the nation's water resources. These specifications apply to the FloGard+Plus® Catch Basin Insert Filter.

## RECOMMENDED FREQUENCY OF SERVICE:

Drainage Protection Systems (DPS) recommends that installed FloGard+Plus Catch Basin Insert Filters be serviced on a recurring basis. Ultimately, the frequency depends on the amount of runoff, pollutant loading and interference from debris (leaves, vegetation, cans, paper, etc.); however, it is recommended that each installation be serviced a minimum of three times per year, with a change of filter medium once per year. DPS technicians are available to do an on-site evaluation, upon request.

## RECOMMENDED TIMING OF SERVICE:

DPS guidelines for the timing of service are as follows:

1. For areas with a definite rainy season: Prior to, during and following the rainy season.
2. For areas subject to year-round rainfall: On a recurring basis (at least three times per year).
3. For areas with winter snow and summer rain: Prior to and just after the snow season and during the summer rain season.
4. For installed devices not subject to the elements (wash racks, parking garages, etc.): On a recurring basis (no less than three times per year).

## SERVICE PROCEDURES:

1. The catch basin grate shall be removed and set to one side. The catch basin shall be visually inspected for defects and possible illegal dumping. If illegal dumping has occurred, the proper authorities and property owner representative shall be notified as soon as practicable.
2. Using an industrial vacuum, the collected materials shall be removed from the liner. (Note: DPS uses a truck-mounted vacuum for servicing FloGard+Plus catch basin inserts).
3. When all of the collected materials have been removed, the filter medium pouches shall be removed by unsnapping the tether from the D-ring and set to one side. The filter liner, gaskets, stainless steel frame and mounting brackets, etc., shall be inspected for continued serviceability. Minor damage or defects found shall be corrected on-the-spot and a notation made on the Maintenance Record. More extensive deficiencies that affect the efficiency of the filter (torn liner, etc.), if approved by the customer representative, will be corrected and an invoice submitted to the representative along with the Maintenance Record.
4. The filter medium pouches shall be inspected for defects and continued serviceability and replaced as necessary, and the pouch tethers re-attached to the liner's D-ring.
5. The grate shall be replaced.

## REPLACEMENT AND DISPOSAL OF EXPOSED FILTER MEDIUM AND COLLECTED DEBRIS

The frequency of filter medium exchange will be in accordance with the existing DPS-Customer Maintenance Contract. DPS recommends that the medium be changed at least once per year. During the appropriate service, or if so determined by the service technician during a non-scheduled service, the filter medium will be replaced with new material. Once the exposed pouches and debris have been removed, DPS has possession and must dispose of it in accordance with local, state and federal agency requirements.

**DPS also has the capability of servicing all manner of storm drain filters, catch basin inserts and catch basins without inserts, underground oil/water separators, stormwater interceptors and other such devices. All DPS personnel are highly qualified technicians and are confined-space trained and certified. Call us at (888) 950-8826 for further information and assistance.**

# FLOGARD+PLUS®
# CATCH BASIN INSERT FILTER

**OUR MARKETS**



**BUILDING STRUCTURES**



**COMMUNICATIONS**



**WATER**



**ENERGY**



**TRANSPORTATION**

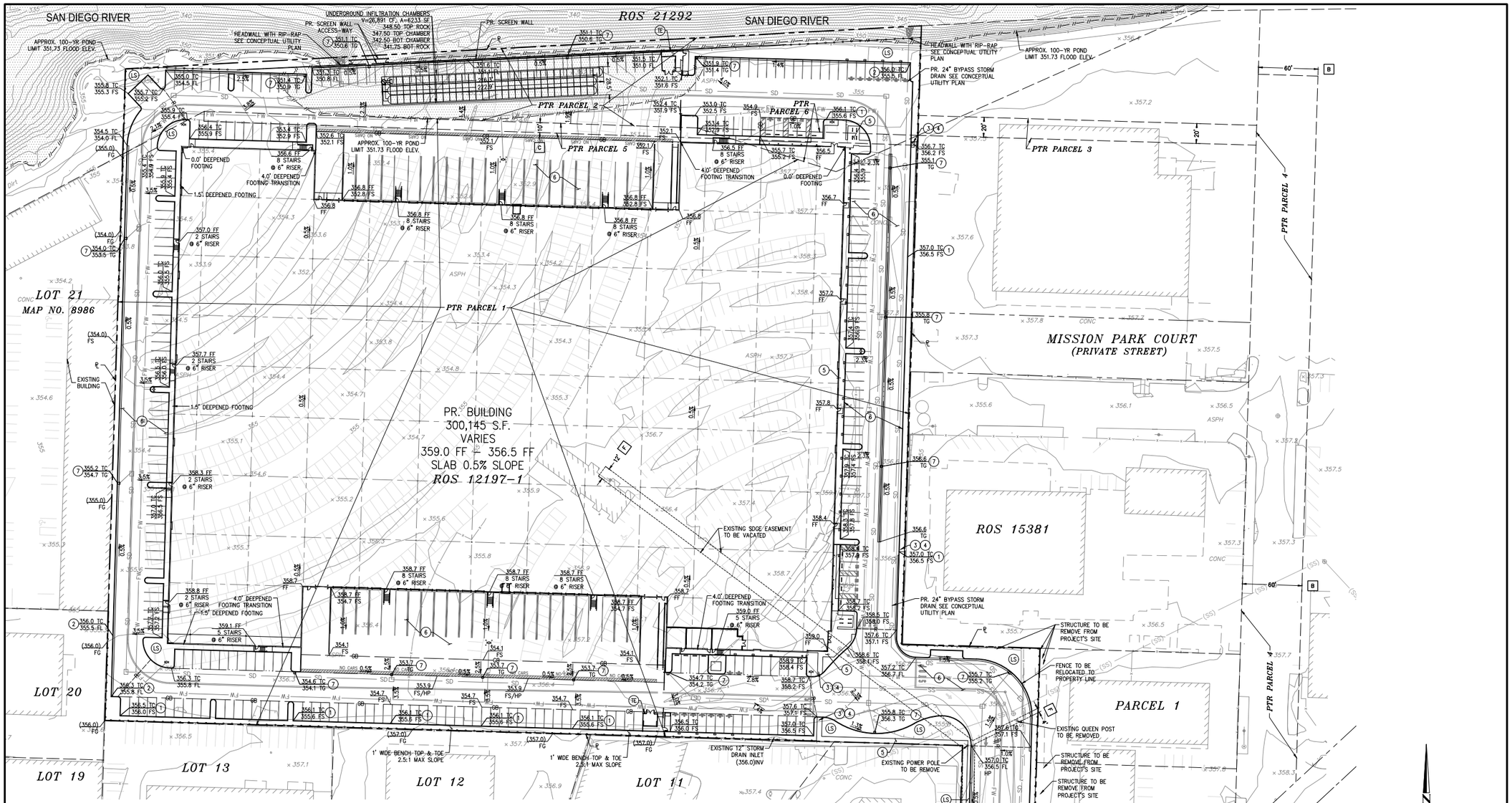
# ATTACHMENT 4
# Copy of Plan Sheets Showing Permanent Storm Water BMPs

This is the cover sheet for Attachment 4.

**Use this checklist to ensure the required information has been included on the plans:**

**The plans must identify:**

- ☐ Structural BMP(s) with ID numbers matching Form I-6 Summary of PDP Structural BMPs
- ☐ The grading and drainage design shown on the plans must be consistent with the delineation of DMAs shown on the DMA exhibit
- ☐ Details and specifications for construction of structural BMP(s)
- ☐ Signage indicating the location and boundary of structural BMP(s) as required by the [City Engineer]
- ☐ How to access the structural BMP(s) to inspect and perform maintenance
- ☐ Features that are provided to facilitate inspection (e.g., observation ports, cleanouts, silt posts, or other features that allow the inspector to view necessary components of the structural BMP and compare to maintenance thresholds)
- ☐ Manufacturer and part number for proprietary parts of structural BMP(s) when applicable
- ☐ Maintenance thresholds specific to the structural BMP(s), with a location-specific frame of reference (e.g., level of accumulated materials that triggers removal of the materials, to be identified based on viewing marks on silt posts or measured with a survey rod with respect to a fixed benchmark within the BMP)
- ☐ Recommended equipment to perform maintenance
- ☐ When applicable, necessary special training or certification requirements for inspection and maintenance personnel such as confined space entry or hazardous waste management
- ☐ Include landscaping plan sheets showing vegetation requirements for vegetated structural BMP(s)
- ☐ All BMPs must be fully dimensioned on the plans
- ☐ When proprietary BMPs are used, site-specific cross section with outflow, inflow, and model number shall be provided. Photocopies of general brochures are not acceptable.




## GRADING CONSTRUCTION NOTES

(LS) LANDSCAPE PER SEPARATE LANDSCAPE PLANS.

(TE) TRASH ENCLOSURE PER ARCHITECTURAL PLANS.

(1) CONSTRUCT 6" CURB.

(2) CONSTRUCT 6" CURB AND GUTTER.

(3) INSTALL DETECTABLE WARNINGS.

(4) CONSTRUCT CURB RAMP.

(5) CONSTRUCT 4" PCC SIDEWALK.

(6) CONSTRUCT PAVEMENT PER GEOTECHNICAL REPORT.

(7) CONSTRUCT GRATED INLET CATCH BASIN. CATCH BASIN SHALL BE INSTALLED WITH OLDCASTLE FLOGARD GIB AND SHALL HAVE NPDES SIGNAGE/STENCILING. SEE DETAIL 7 SHEET 3.

### BENCHMARK INFORMATION

THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON THE FOLLOWING BENCHMARK:

BM No.:EC 0113 ELEV.: 347.927' (CITY OF SANTEE BENCHMARK)
DATUM: NAVD 88
DESCRIPTION:0.3 M.N. MAGNOLIA AVE. FROM INT. OF MISSION GEORGE RD. W. OF RD 50 FT W C/L 133 S OF PPH818073 210 FT N PP 72332, 54 FT NW 3IN DIAMETER CONC MH STRUCTURE. FRT OF EDGEMOOR GERIATRIC HOSP. BRASS DISC IN CONC MON STMPD EC 1131 & MA-2 SD CO. 1996. WT PST 0.5 E OF BM ELEV 347.927

CONTOUR INTERVAL='1'

### TOPOGHRAPHIC INFORMATION

THE TOPOGRAPHIC INFORMATION SHOWN HEREON WAS COMPILED PHOTOGRAMMETRICALLY FROM AERIAL PHOTOGRAPHY DATED SEPTEMBER 30, 2022 BY INLAND AERIAL SURVEYS INC AND SUPPLEMENTED BY A FIELD SURVEY COMPLETED ON OCTOBER 18, 2022.

### TITLE EXCEPTIONS AND EASEMENTS

SEE SHEET 2

### PERVIOUS & IMPERVIOUS AREA TABLE

| DMA ID | PERVIOUS AREA (SF) | IMPERVIOUS AREA (SF) | TOTAL AREA (SF) | TYPE |
|---|---|---|---|---|
| A | 28,523 | 548,087 | 576,610 | AREA DRAINING TO BMP (INF-1) |
| A-1 | 10,432 | 0 | 10,432 | SELF-MITIGATING AREA |
| TOTAL SITE | 38,955 | 548,087 | 587,042 | |

NOTE: SEE PRELIMINARY SWQMP REPORT FOR DRAINAGE AREA DELINEATIONS.

### ROOF DRAINAGE NOTE

BUILDING DOWNSPOUTS WILL DRAIN TO LANDSCAPED AREAS TO THE MAXIMUM EXTENT PRACTICAL.

### LEGEND

FW — PROPOSED FIRE WATER
W — PROPOSED WATER
SD — PROPOSED STORM DRAIN
S — PROPOSED SEWER
PROPERTY LINE

### SHEET INDEX


| SHEET NO. | DESCRIPTION |
|---|---|
| 1 | CONCEPTUAL GRADING PLAN |
| 2 | NOTES AND SECTIONS |
| 3 | DETAILS |
| 4 | CONCEPTUAL UTILITY PLAN |



160 S. Old Springs Road
Suite 210
Anaheim Hills, CA 92808
714-685-6860
DRC Engineering, Inc.
Civil Engineering/Land Surveying/Land Planning


NOT FOR CONSTRUCTION

| NO. | REVISION: | DATE: |
|---|---|---|

PROJECT: NPP SANTEE
WOODSIDE AVE
SANTEE, CA

DRAWING NAME: CONCEPTUAL GRADING PLAN

| | |
|---|---|
| ISSUE: | CONCEPT |
| DATE: | 11/03/22 |
| CHECKED: MH | DRAWN: MH |
| DRAWING FILE: 8732pg101 | |
| PROJECT NO.: 22-834 | |
| SHEET NUMBER: | 1 |
| OF | 4 SHEETS |
| SCALE: AS SHOWN | |

FILENAME: M:\2022\22-834 NPP Woodside Ave Santee\CD\22-834 CGrdng, LAST SAVED ON: Jan 10 2024 11:05am PLOTTED BY: NICHOLAS, ON: Jan 10 2024 11:24am, GPSC

## DATE OF FIELD SURVEY

OCTOBER, 2022

## TAX PARCEL NO.

381-070-52-00

## TITLE INFORMATION

THE TITLE INFORMATION SHOWN HEREON IS PER PRELIMINARY REPORT FOR TITLE INSURANCE NO. 00183801-021-J5-1TW DATED SEPTEMBER 21, 2022 AS PREPARED BY CHICAGO TITLE INSURANCE COMPANY, LOS ANGELES, CALIFORNIA [TITLE OFFICER: TED TAN/JENNIFER WRIGHT, TELEPHONE: (213) 488-4331]. NO RESPONSIBILITY OF CONTENT, COMPLETENESS OR ACCURACY OF SAID PRELIMINARY REPORT IS ASSUMED BY THIS MAP OR THE SURVEYOR.

## RECORD OWNER

THE FORTE FAMILY LIMITED PARTNERSHIP, A CALIFORNIA LIMITED PARTNERSHIP, AS TO PARCELS 1, 2, 3, 4 AND 5; JOHN E. FORTE, TRUSTEE UNDER DECLARATION OF TRUST DATED APRIL 29, 1981, AS TO PARCEL 6 SUBJECT TO EXCEPTION NOS. 17, 18 AND 19.

## TITLE EXCEPTIONS AND EASEMENTS

A–B TAXES.

1 WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT SHOWN BY THE PUBLIC RECORDS.

2 EASEMENTS FOR INGRESS AND EGRESS, PIPELINES, DRAINAGE AND/OR PUBLIC UTILITIES AND INCIDENTAL PURPOSES THERETO OVER, UNDER, ALONG AND ACROSS THE EASEMENT PARCEL(S) HEREIN DESCRIBED AS GRANTED AND/OR RESERVED IN VARIOUS DEEDS OF RECORD.

(DOCUMENT AFFECTS – THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION – SEE THE SURVEY PLAT FOR EASEMENTS AFFECTING THE SUBJECT PROPERTY)

3 THE RIGHTS RESERVED IN THE DEED FROM H. D. WILLIAMSON AND WIFE, TO T. L. BARNES, RECORDED DECEMBER 29, 1910, IN BOOK 506, PAGE 353, DEEDS, WHICH ARE AS FOLLOWS:

"RESERVING TO THE GRANTORS, THE RIGHT AT ANY TIME TO PROTECT, IF THE GRANTEES, THEIR HEIRS AND SUCCESSORS DO NOT SUFFICIENTLY DO SO, FROM THE ENCROACHMENT OF THE SAN DIEGO RIVER, TO THE RIGHT OF WAY OF SAID SAN DIEGO CUYAMA RAILWAY AND TO TAKE FROM ANY PART OF SAID LAND, ALL EARTH, STONES, BRUSH AND MATERIAL NECESSARY TO PROPERTY PROTECT THE MEND THEREOF, FROM THE ENCROACHMENT OF SAID RIVER."

NOTE: BY MESNE CONVEYANCES OF RECORD, THE INTEREST OF H. D. WILLIAMSON IN THE AFORESAID RIGHTS, HAS SINCE PASSED TO AND NOW VESTS IN THE COUNTY OF SAN DIEGO, A PUBLIC CORPORATION.

(DOCUMENT AFFECTS – THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION)

4 EASEMENT(S) GRANTED TO WALTER H. DUPEE FOR DITCH AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT RECORDED MAY 6, 1913 IN BOOK 609, PAGE 278, DEEDS

NOTE: BY MESNE CONVEYANCES OF RECORD, THE INTEREST OF WALTER H. DUPEE IN THE AFORESAID DITCH, HAS SINCE PASSED TO AND NOW VESTS IN THE COUNTY OF SAN DIEGO.

(DOCUMENT AFFECTS – PLOTTED HEREON AS [D])

5 EASEMENT(S) GRANTED TO SAN DIEGO CONSOLIDATED GAS & ELECTRIC COMPANY, A CORPORATION FOR PUBLIC UTILITIES, INGRESS AND EGRESS AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT RECORDED JANUARY 14, 1918 IN BOOK 748, PAGE 161, DEEDS.

(DOCUMENT AFFECTS – THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION)

6 MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED "AGREEMENT" RECORDED MAY 27, 1922 IN BOOK 890, PAGE 253, DEEDS.

(DOCUMENT AFFECTS – THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION)

7 THE RIGHT OF THE OWNERS OF THE PROPERTY HEREIN DESCRIBED, TO DIVERT CERTAIN AMOUNTS OF WATER FROM THE SAN DIEGO RIVER FOR BENEFICIAL USE UPON THEIR LANDS, SUBJECT HOWEVER, TO THE PRIOR RIGHTS OF THE CITY OF SAN DIEGO, A MUNICIPAL CORPORATION AND LA MESA, LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT, TO THE USE OF THE WATERS OF SAID SAN DIEGO RIVER, AS DECREED IN THAT CERTAIN JUDGMENT, RENDERED AUGUST 16, 1938, IN AN ACTION OF THE SUPERIOR COURT OF SAN DIEGO COUNTY, CALIFORNIA, ENTITLED, "PHILLIP P. MARTIN, ET AL, PLAINTIFFS VS. THE CITY OF SAN DIEGO, A MUNICIPAL CORPORATION, ET AL, DEFENDANTS, CASE NO. 85300."

(DOCUMENT AFFECTS – NOTHING TO PLOT)

8 EASEMENT(S) FOR ROADWAY AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT RECORDED MARCH 5, 1951 IN BOOK 3999, PAGE 111, OFFICIAL RECORDS.

(DOCUMENT AFFECTS – THE LOCATION OF THE EASEMENT CANNOT BE DETERMINED FROM RECORD INFORMATION)

## TITLE EXCEPTIONS AND EASEMENTS (CONTINUED)

9 EASEMENT(S) GRANTED TO SAN DIEGO GAS & ELECTRIC COMPANY, A CORPORATION FOR THE LINE OF PIPE AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT RECORDED APRIL 27, 1964 AS INSTRUMENT NO. 75573, OFFICIAL RECORDS.

(DOCUMENT AFFECTS – PLOTTED HEREON AS [B])

10 EASEMENT(S) GRANTED TO KONRAD S. LEAK AND LAURA A. LEAK, JAMES H. STRATTON, RICHARD A. MILLER, SCOTT G. MILLER AND JOHN FORTE FOR ROAD AND UTILITY AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT RECORDED MARCH 19, 1965 AS INSTRUMENT NO. 49554, OFFICIAL RECORDS.

(DOCUMENT AFFECTS – PLOTTED HEREON AS [C])

11 EASEMENT(S) GRANTED TO SAN DIEGO GAS & ELECTRIC COMPANY, A CORPORATION FOR THE LINE OF POLES WITH WIRES AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT RECORDED AUGUST 31, 1962 AS INSTRUMENT NO. 151610, OFFICIAL RECORDS.

(DOCUMENT AFFECTS – PLOTTED HEREON AS [F])

12 AN INSTRUMENT IN FAVOR OF COUNTY OF SAN DIEGO ENTITLED "DECLARATION OF COVENANTS FOR STREET IMPROVEMENTS" RECORDED AUGUST 23, 1976 AS INSTRUMENT NO. 76-273554, OFFICIAL RECORDS.

THIS COVENANT AND AGREEMENT PROVIDES THAT IT SHALL BE BINDING UPON ANY FUTURE OWNERS, ENCUMBRANCERS, THEIR SUCCESSORS OR ASSIGNS, AND SHALL CONTINUE IN EFFECT UNTIL THE ADVISORY AGENCY APPROVES TERMINATION.

(DOCUMENT AFFECTS – NOTHING TO PLOT)

13 DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER MATTERS SHOWN ON RECORD OF SURVEY MAP NO. 11770 RECORDED AUGUST 25, 1988.

(DOCUMENT AFFECTS – NOTHING TO PLOT)

14 DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER MATTERS SHOWN ON RECORD OF SURVEY MAP NO. 12197 RECORDED JUNE 1, 1989.

(DOCUMENT AFFECTS – NOTHING TO PLOT)

15 MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED "BOUNDARY AGREEMENT AND GRANT OF REVOCABLE LICENSE TO ENCROACH" RECORDED FEBRUARY 14, 1992 AS INSTRUMENT NO. 1992-0084989, OFFICIAL RECORDS.

(DOCUMENT AFFECTS – PLOTTED HEREON AS [E])

16 AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS SET FORTH THEREIN AS DISCLOSED BY THE DOCUMENT ENTITLED "BOUNDARY AGREEMENT AND GRANT OF REVOCABLE LICENSE TO ENCROACH" RECORDED FEBRUARY 14, 1992 AS INSTRUMENT NO. 1992-0084989, OFFICIAL RECORDS.

(DOCUMENT AFFECTS – PLOTTED HEREON AS [E])

17 THE EFFECT OF A QUITCLAIM DEED RECORDED MAY 16, 1997 AS INSTRUMENT NO. 1997-0229061, OFFICIAL RECORDS.

NOTE: A PORTION OF PARCEL 1 ON SAID DEED IS STILL HELD UNDER THE TRUST REFERRED TO IN QUITCLAIM DEED RECORDED JULY 21, 1981, AS INSTRUMENT NO. 81-229662, OFFICIAL RECORDS.

(NOT A SURVEY MATTER)

18 THE EFFECT OF A QUITCLAIM DEED RECORDED MAY 16, 1997 AS INSTRUMENT NO. 1997-0229062, OFFICIAL RECORDS.

NOTE: A PORTION OF PARCEL 1 ON SAID DEED IS STILL HELD UNDER THE TRUST REFERRED TO IN QUITCLAIM DEED RECORDED JULY 21, 1981, AS INSTRUMENT NO. 81-229662, OFFICIAL RECORDS.

(NOT A SURVEY MATTER)

19 THE EFFECT OF A QUITCLAIM DEED RECORDED MAY 28, 1997 AS INSTRUMENT NO. 1997-0245849, OFFICIAL RECORDS.

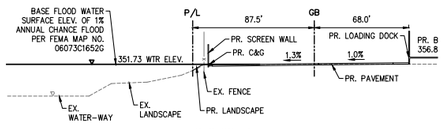
NOTE: A PORTION OF PARCEL 1 ON SAID DEED IS STILL HELD UNDER THE TRUST REFERRED TO IN QUITCLAIM DEED RECORDED JULY 21, 1981, AS INSTRUMENT NO. 81-229662, OFFICIAL RECORDS.

(NOT A SURVEY MATTER)

20 THE LAND DESCRIBED HEREIN IS INCLUDED WITHIN A PROJECT AREA OF THE THE CITY OF SANTEE COMMUNITY DEVELOPMENT COMMISSION, AND THAT PROCEEDINGS FOR THE REDEVELOPMENT OF SAID PROJECT HAVE BEEN INSTITUTED UNDER THE REDEVELOPMENT LAW (SUCH REDEVELOPMENT TO PROCEED ONLY AFTER THE ADOPTION OF THE REDEVELOPMENT PLAN) AS DISCLOSED BY A DOCUMENT RECORDED SEPTEMBER 18, 2007 AS INSTRUMENT NO. 2007-0611268, OFFICIAL RECORDS.

(DOCUMENT AFFECTS – NOTHING TO PLOT)

21–25 TITLE COMPANY STATEMENTS.




SECTION A
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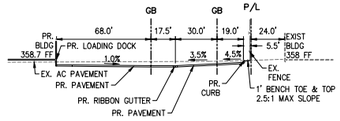


SECTION B
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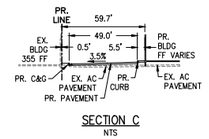


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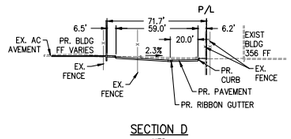


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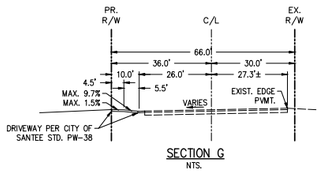


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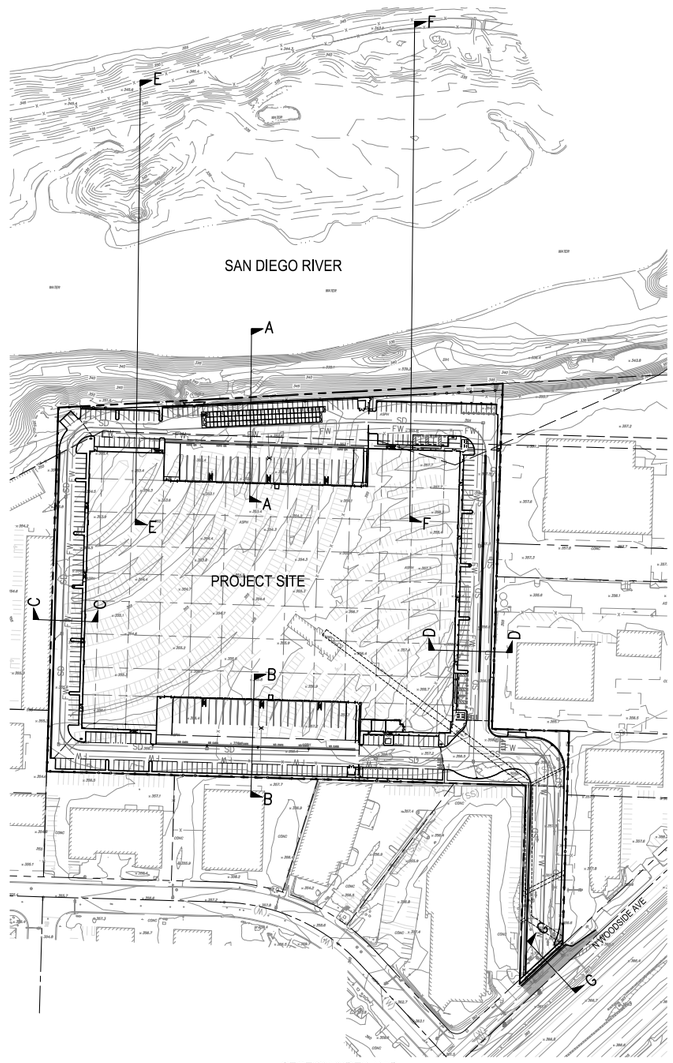
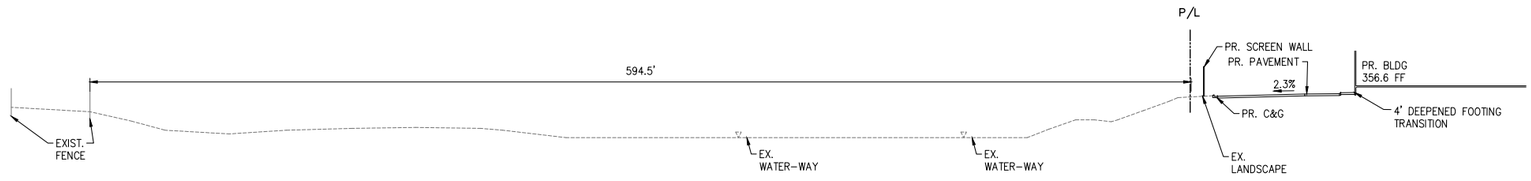



SECTION INDEX MAP
1"=100'

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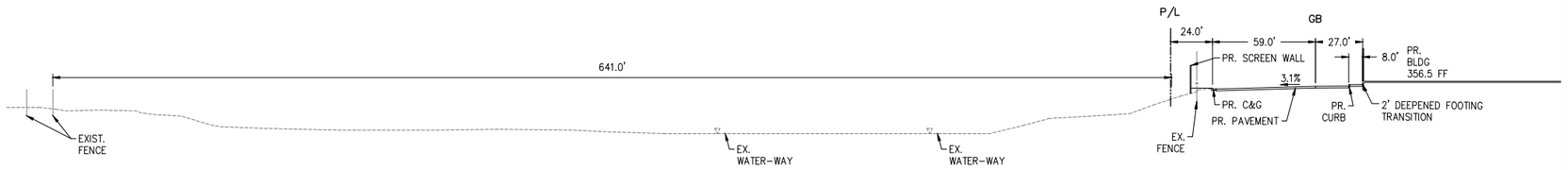



SECTION F
NTS.


DRC Engineering, Inc.
Civil Engineering/Land Surveying/Land Planning
160 S. Old Springs Road
Suite 210
Anaheim Hills, CA 92808
714-685-6860


NOT FOR CONSTRUCTION

NO: REVISION: DATE:

PROJECT: NPP SANTEE
WOODSIDE AVE
SANTEE, CA

DRAWING NAME: NOTES AND SECTIONS

| | |
|---|---|
| ISSUE: | CONCEPT |
| DATE: | 11/03/22 |
| CHECKED: MH | DRAWN: MH |
| DRAWING FILE: 8732pg101 | |
| PROJECT NO.: 22-834 | |
| SHEET NUMBER: | 2 OF 4 SHEETS |
| SCALE: AS SHOWN | |


ELIMAGE: M:\2022\22-834 NPP Woodside Ave Santee\DWG\22-834 GCdwg, LAST SAVED ON: Jan 10 2024 11:05am PLOTTED BY: NICHOLAS, ON: Jan 10 2024 11:38am, CFS:

| PROJECT INFORMATION | |
|---|---|
| ENGINEERED PRODUCT MANAGER | |
| ADS SALES REP | |
| PROJECT NO. | |

ADS Advanced Drainage Systems, Inc.

ADS SiteAssist® FOR STORMTECH INSTALLATION INSTRUCTIONS VISIT OUR APP

# PALISADE SANTEE BUSINESS CENTER

SANTEE, CA, USA

## MC-7200 STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH MC-7200.
2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) HS20-TRUCK LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". MAXIMUM ALLOWABLE LOADS SHALL BE 23 TONS (46,000 POUNDS) OF STATIC/DYNAMIC (+ MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM DEPTH (2 MAXIMUM PERMANENT (1.5-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PAVKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT/%, THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418, AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERY OF CHAMBERS TO THE PROJECT SITE. THE:
   - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER,
   - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD. THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
   - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD/DESIGN (EXCEPT THAT IT SHALL BE THE 75 YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

## IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-7200 CHAMBER SYSTEM

1. STORMTECH MC-7200 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR EXCAVATOR SITUATED OVER THE CHAMBERS. CHAMBERS RECOMMENDED BACKFILL METHOD IS:
   - STONE/BACKFILL LOCATED OFF THE CHAMBER BED.
   - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
   - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
6. MAINTAIN MINIMUM - 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
7. INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
8. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3 OR #4.
9. STONE SHALL BE BROUGHT UP EVENLY AROUND CHAMBERS SO AS NOT TO DISTORT THE CHAMBER SHAPE. STONE DEPTHS SHOULD NEVER DIFFER BY MORE THAN 12" (300 mm) BETWEEN ADJACENT CHAMBER ROWS.
10. STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
11. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIAL BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
12. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

## NOTES FOR CONSTRUCTION EQUIPMENT

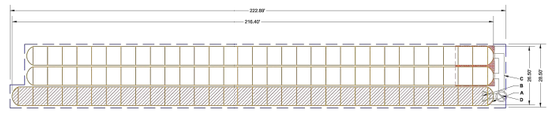
1. STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
2. THE USE OF EQUIPMENT OVER MC-7200 CHAMBERS IS LIMITED:
   - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
   - NO RUBBER TIRED LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
   - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

**USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.**

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

4820 KOS, INC.

| PROPOSED LAYOUT | CONCEPTUAL ELEVATIONS | *INVERT ABOVE BASE OF CHAMBER |
|---|---|---|
| 54 STORMTECH MC-7200 CHAMBERS | MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/EMPLACED) | 12.76 |
| 7 STORMTECH MC-7200 END CAPS | MINIMUM ALLOWABLE GRADE (IMPACTED WITH TRAFFIC) | 9.26 |
| 4 STONE ABOVE (IN) | MINIMUM ALLOWABLE GRADE (TOP OF ROAD THICKNESS) | 8.76 |
| 2 STONE BELOW (IN) | MINIMUM ALLOWABLE GRADE (TOP OF ROAD THICKNESS PAVEMENT) | 7.76 |
| 60 SUBGRADE SOILS | MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT) | 7.26 |
| 24691 TOTAL EXCAVATION SYSTEM VOLUME (CF) | * CHAMFER LD | 0.20" |
| STORMWATER STONE INCLUDED (COVER STONE INCLUDED) | * CHAMFER LD | 0.20" |
| BASE STONE INCLUDED) | 6 NEENAH R-3067-TR STRUCTURE | |
| 4033 SYSTEM AREA (SF) | D DESIGN BY ENGINEER / PROVIDED BY OTHERS) | 19.0 CFS IN |
| 452.8 SYSTEM PERIMETER (ft) | | |
| | BOTTOM OF MC-7200 CHAMBER. | 0.76 |
| | BOTTOM OF STONE. | 0.00 |




ISOLATOR ROW PLUS (SEE DETAIL)

PLACE MINIMUM 17.55' OF ADSPLUS175 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS

BED LIMITS

**NOTES**

1. MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH NOTE 85.32 FOR MANIFOLD SIZING GUIDANCE.
2. THE PALISADE SANTEE BUSINESS CENTER CONSISTS OF TWO CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
   - THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
   - THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE IN-SITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS KNOWN.
   - **NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STONAGE VOLUME CAN BE ACHIEVED ON SITE.

PALISADE SANTEE BUSINESS CENTER, SANTEE, CA, USA — DRAWN: MH — PROJECT #: 8732pg101 — CHECKED: N/A

| DATE | DRWN | CHK | DESCRIPTION |
|---|---|---|---|

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SHEET 2 OF 5

## ACCEPTABLE FILL MATERIALS: STORMTECH MC-7200 CHAMBER SYSTEMS

| | MATERIAL LOCATION | DESCRIPTION | AASHTO MATERIAL CLASSIFICATIONS | COMPACTION / DENSITY REQUIREMENT |
|---|---|---|---|---|
| D | **FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE EMBEDMENT STONE (B) LAYER TO 24" (600 mm) BELOW FINISH GRADE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER | ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS. | N/A | PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS. |
| C | **INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE (B' LAYER) TO 24" (600 mm) BELOW FINISH GRADE. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER. | GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. | AASHTO M145*<br>A-1, A-2-4, A-3<br>OR<br>AASHTO M43*<br>3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10 | BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. |
| | | MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER | | |
| B | **EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A' LAYER) TO THE 'C' LAYER ABOVE | CLEAN, CRUSHED, ANGULAR STONE | AASHTO M43*<br>3, 4 | NO COMPACTION REQUIRED. |
| A | **FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER. | CLEAN, CRUSHED, ANGULAR STONE | AASHTO M43*<br>3, 4 | PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[1,2] |

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.




**NOTES:**

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
2. MC-7200 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT/%, THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418, AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

PALISADE SANTEE BUSINESS CENTER, SANTEE, CA, USA — DRAWN: MH — PROJECT #: 8732pg101 — CHECKED: N/A

| DATE | DRWN | CHK | DESCRIPTION |
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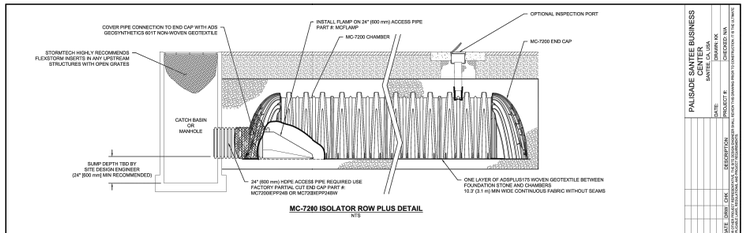
SHEET 3 OF 5




**MC-7200 ISOLATOR ROW PLUS DETAIL**
N.T.S

## INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A DIPSTICK OR OTHER MEASURING ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A CAMERA, VISUALLY INSPECT THE ENTIRE ISOLATOR ROW PLUS FROM THE UPSTREAM END OF THE ISOLATOR ROW PLUS PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A VIDEO OF JETVAC CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

**NOTES**

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

PALISADE SANTEE BUSINESS CENTER, SANTEE, CA, USA — DRAWN: MH — PROJECT #: 8732pg101 — CHECKED: N/A

| DATE | DRWN | CHK | DESCRIPTION |
|---|---|---|---|

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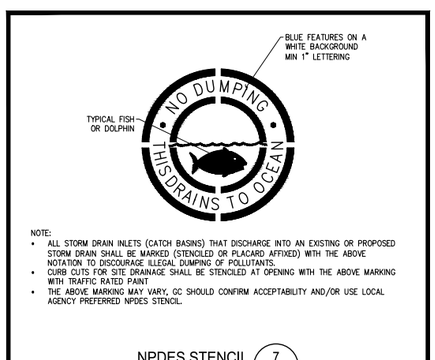
SHEET 4 OF 5

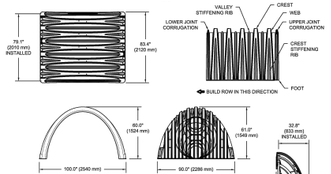



NOTE:
- ALL STORM DRAIN INLETS (CATCH BASINS) THAT DISCHARGE INTO AN EXISTING OR PROPOSED STORM DRAIN SHALL BE MARKED (STENCILED OR PLACARD AFFIXED) WITH THE ABOVE NOTATION TO DISCOURAGE ILLEGAL DUMPING OF POLLUTANTS.
- CURB CUTS FOR SITE DRAINAGE SHALL BE STENCILED AT OPENING WITH THE ABOVE MARKING WITH TRAFFIC RATED PAINT
- THE ABOVE MARKING MAY VARY, GC SHOULD CONFIRM ACCEPTABILITY AND/OR USE LOCAL AGENCY PREFERRED NPDES STENCIL.

NPDES STENCIL 7 N.T.S.

## MC-7200 TECHNICAL SPECIFICATION

NTS




**NOMINAL CHAMBER SPECIFICATIONS**

| | | |
|---|---|---|
| SIZE (W X H X INSTALLED LENGTH) | 100.0" X 60.0" X 79.1" | (2540 mm X 1524 mm X 2010 mm) |
| CHAMBER STORAGE | 175.9 CUBIC FEET | (4.98 m³) |
| MINIMUM INSTALLED STORAGE* | 267.5 CUBIC FEET | (7.58 m³) |
| WEIGHT (NOMINAL) | 205 lbs. | (92.9 kg) |

**NOMINAL END CAP SPECIFICATIONS**

| | | |
|---|---|---|
| SIZE (W X H X INSTALLED LENGTH) | 90.0" X 61.0" X 32.0" | (2286 mm X 1549 mm X 833 mm) |
| STORAGE* | 91.5 CUBIC FEET | (2.59 m³) |
| MINIMUM INSTALLED STORAGE* | 116.0 CUBIC FEET | (3.28 m³) |
| WEIGHT (NOMINAL) | 90 lbs. | (40.8 kg) |

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS, 12" (305 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

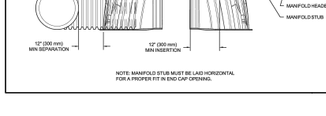
| PART # | STUB | B | C |
|---|---|---|---|
| MC7200EPP06T | 6" (150 mm) | 42.54" (1081 mm) | — |
| MC7200EPP06B | | — | 0.66" (22 mm) |
| MC7200EPP08T | 8" (200 mm) | 40.50" (1029 mm) | — |
| MC7200EPP08B | | — | 1.01" (26 mm) |
| MC7200EPP10T | 10" (250 mm) | 38.37" (975 mm) | — |
| MC7200EPP10B | | — | 1.33" (34 mm) |
| MC7200EPP12T | 12" (300 mm) | 35.69" (907 mm) | — |
| MC7200EPP12B | | — | 1.55" (39 mm) |
| MC7200EPP15T | 15" (375 mm) | 32.72" (831 mm) | — |
| MC7200EPP15B | | — | 1.70" (43 mm) |
| MC7200EPP18T | 18" (450 mm) | 29.36" (746 mm) | — |
| MC7200EPP18B | | — | 1.87" (50 mm) |
| MC7200EPP18W | | — | — |
| MC7200EPP24T | 24" (600 mm) | 23.05" (585 mm) | — |
| MC7200EPP24TW | | — | — |
| MC7200EPP24B | | — | 2.26" (57 mm) |
| MC7200EPP24BW | | — | — |
| MC7200EPP30BW | 30" (750 mm) | — | 2.69" (73 mm) |
| MC7200EPP36BW | 36" (900 mm) | — | 3.25" (83 mm) |
| MC7200EPP42BW | 42" (1050 mm) | — | 3.55" (90 mm) |

NOTE: ALL DIMENSIONS ARE NOMINAL

CUSTOM PREFABRICATED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE ONE 6" (150 mm) STUB ON SIDE AND 12-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-7200 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPES GREATER THAN 12" (300 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

## MC-SERIES END CAP INSERTION DETAIL

NTS




NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

PALISADE SANTEE BUSINESS CENTER, SANTEE, CA, USA — DRAWN: MH — PROJECT #: 8732pg101 — CHECKED: N/A

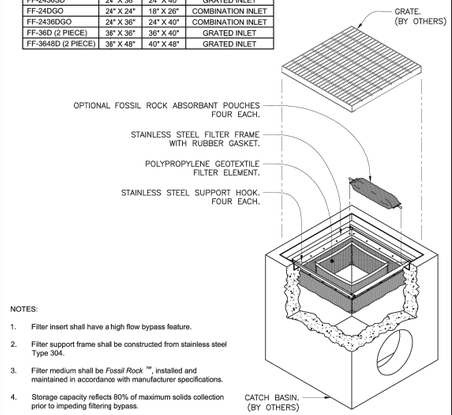
| DATE | DRWN | CHK | DESCRIPTION |
|---|---|---|---|

StormTech® — 4640 TRUCKMAN BLVD HIALEAH, FL 33014 — 1.888.892.2694 | WWW.STORMTECH.COM

SHEET 5 OF 5

FG-0001

| SPECIFIER CHART | | | |
|---|---|---|---|
| MODEL | INLET ID | GRATE OD | COMMENTS |
| FF-12D | 12" X 12" | 15" X 15" | GRATED INLET |
| FF-16D | 18" X 16" | 18" X 18" | GRATED INLET |
| FF-18D | 18" X 18" | 20" X 20" | GRATED INLET |
| FF-1836SD | 18" X 36" | 18" X 40" | GRATED INLET |
| FF-1836DGO | 18" X 36" | 18" X 40" | COMBINATION INLET |
| FF-24D | 24" X 24" | 26" X 26" | GRATED INLET |
| FF-2436SD | 24" X 36" | 24" X 40" | GRATED INLET |
| FF-24DGO | 24" X 24" | 18" X 26" | COMBINATION INLET |
| FF-2436DGO | 24" X 36" | 24" X 40" | COMBINATION INLET |
| FF-36D (2 PIECE) | 36" X 36" | 36" X 40" | GRATED INLET |
| FF-3648D (2 PIECE) | 36" X 48" | 40" X 48" | GRATED INLET |




NOTES:
1. Filter insert shall have a high flow bypass feature.
2. Filter support frame shall be constructed from stainless steel Type 304.
3. Filter medium shall be *Fossil Rock* ™, installed and maintained in accordance with manufacturer specifications.
4. Storage capacity reflects 80% of maximum solids collection prior to impeding filtering bypass.

*FloGard*® *Catch Basin Insert Filter Grated Inlet Style* — Inlet Filtration

Oldcastle® Stormwater Solutions
7521 Southpark Plaza, Suite 200 | Littleton, CO | 80120 | Ph: 800.579.8819 | oldcastlestormwater.com
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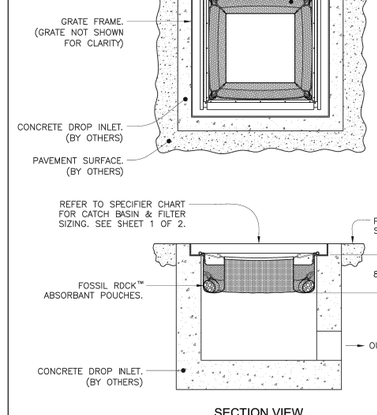
| FG-0001 | E | ECO-0142 JPR 7/13/16 | JPR 12/18/06 |

SHEET 1 OF 2

FG-0001




SECTION VIEW

*FloGard*® *Catch Basin Insert Filter Grated Inlet Style* — Inlet Filtration

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| FG-0001 | E | ECO-0142 JPR 7/13/16 | JPR 12/18/06 |

SHEET 2 OF 2


160 S. Old Springs Road
Suite 210
Anaheim Hills, CA 92808
714-685-6860

Engineering, Inc.
Civil Engineering/Land Surveying/Land Planning


NOT FOR CONSTRUCTION

| NO. | REVISION: | DATE: |
|---|---|---|
| | | |

PROJECT: **NPP SANTEE**
**WOODSIDE AVE**
**SANTEE, CA**

DRAWING NAME: **DETAILS**

| | |
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| ISSUE: | CONCEPT |
| DATE: | 11/03/22 |
| CHECKED: MH | DRAWN: MH |
| DRAWING FILE: | 8732pg101 |
| PROJECT NO.: | 22-934 |
| SHEET NUMBER: | 3 |
| OF | 4 SHEETS |
| SCALE: | AS SHOWN |

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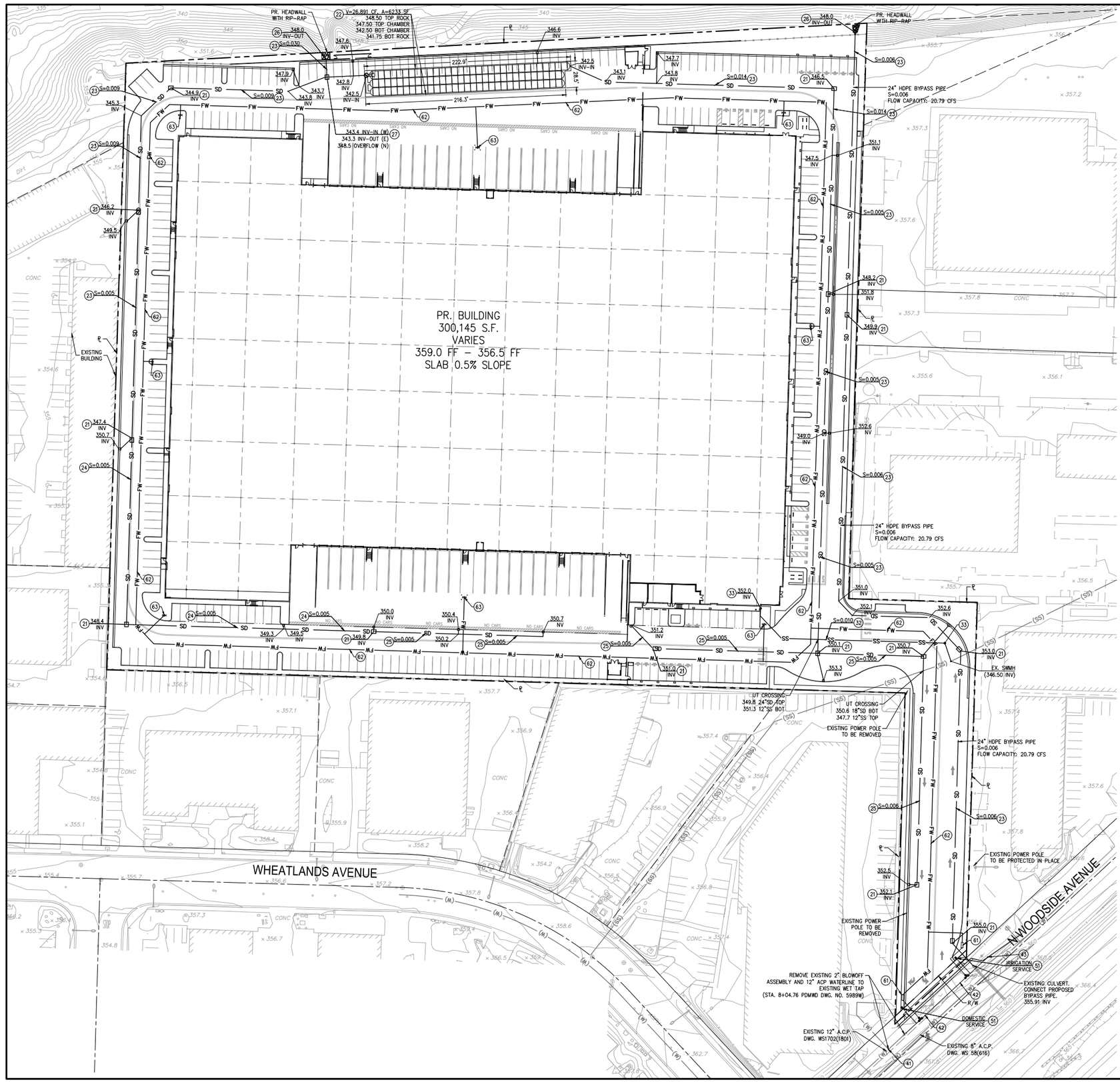


## LEGEND

- FW — PROPOSED FIRE WATER
- W — PROPOSED PUBLIC WATER
- SD — PROPOSED STORM DRAIN
- S — PROPOSED SEWER
- PROPERTY LINE

## STORM DRAIN CONSTRUCTION NOTES:

21 CONSTRUCT STORM DRAIN MANHOLE
22 INSTALL INFILTRATION CHAMBER SYSTEM. SEE DETAIL SHEET 3.
23 INSTALL 24" HDPE PIPE
24 INSTALL 18" HDPE PIPE
25 INSTALL 12" HDPE PIPE
26 CONSTRUCT HEADWALL OUTLET STRUCTURE WITH RIP-RAP
27 CONSTRUCT STORM DRAIN DIVERSION MANHOLE

## SEWER CONSTRUCTION NOTES:

31 CONNECT TO EXISTING SEWER MANHOLE
32 INSTALL 6" SDR 35 PVC SEWER LATERAL
33 INSTALL SEWER CLEAN OUT

## PUBLIC WATER CONSTRUCTION NOTES:

41 CONNECT TO EXISTING 12" ACP AND INSTALL 12"X8"X16" TEE
42 INSTALL 18" C-900 DR-14 PVC WATERLINE PER WSA DWG. NO. WP-02.
43 CAP AND INSTALL 2" BLOWOFF ASSEMBLY PER WSA DWG. NO. WB-01

## DOMESTIC WATER CONSTRUCTION NOTES:

51 CONNECT TO 18" WATER SERVICE & INSTALL 2" WATER SERVICE PER WAS DWG. NO. WS-02
52 INSTALL 2" C-900 PVC WATER LINE PER WSA DWG. NO. WP-02
53 INSTALL 2" REDUCED PRESSURE DEVICE PER WSA DWG. NO. WR-01

## FIRE WATER CONSTRUCTION NOTES

61 INSTALL 10" RPDA PER WATER AGENCIES STANDARDS WF-05.
62 INSTALL 12" C-900 PVC WATER LINE WSA DWG. NO. WP-02
63 INSTALL FIRE HYDRANT PER COUNTY OF SAN DIEGO CONSOLIDATED FIRE CODE

160 S. Old Springs Road
Suite 210
Anaheim Hills, CA 92808
714-685-6860
Engineering, Inc.
Civil Engineering/Land Surveying/Land Planning

NOT FOR CONSTRUCTION

NO.: REVISION: DATE:

PROJECT: NPP SANTEE
WOODSIDE AVE
SANTEE, CA

DRAWING NAME: CONCEPTUAL UTILITY PLAN

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| ISSUE: | CONCEPT |
| DATE: | 11/03/22 |
| CHECKED: MH | DRAWN: MH |
| DRAWING FILE: | 8732pg101 |
| PROJECT NO.: | 22-834 |
| SHEET NUMBER: | 4 |
| OF | 4 SHEETS |
| SCALE: | AS SHOWN |

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# Appendix J-3

Letter to City of Santee regarding the 100-Year Floodplain

DRC Engineering, Inc.
Civil Engineering/Land Surveying/Land Planning

160 South Old Springs Road, Ste. 210
Anaheim Hills, California 92808
Phone: 714-685-6860
Fax: 714-685-6801

***NPP Santee Commerce Center***
Job No. 22-534

July 12, 2023

***To:*** **Claire Singh, P.E.**
**City of Santee**
10601 Magnolia Ave.
Santee, CA 92071

Dear Ms. Singh,

I am writing to you and the City of Santee regarding our project located at 10990 N. Woodside Dr. We have adjusted our horizontal & vertical control to match ROS 11252 as requested in your comment letter on our initial project submittal and have shown the limits of the 100-year floodplain and 100-year water surface elevation based on the City of Santee flood study.

Our site has been designed to match the existing contours along the San Deigo River as to not impact the existing floodplain and our building will be held more than 1' above the floodplain per City of Santee requirements.

In conclusion, it is our professional opinion that our proposed development at 10990 N. Woodside Dr will not impact the FEMA floodplain and does not require coordination with FEMA and/or preparation of FEMA no-rise certification. If you or any City Santee staff have any questions regarding our findings, please feel free to reach out to me directly.

Respectfully,

Matthew Hellesen, PE

DRC Engineering, Inc.

# Appendix K
Noise Technical Report

Noise Technical Report

# Palisade Santee Commerce Center Project

**MAY 2024**

*Prepared for*

**NORTH PALISADE PARTNERS**
1330 Factory Place, Suite 105
Los Angeles, CA 90013

*Prepared by:*

DUDEK
605 Third Street
Encinitas, California 92024
*Contact: Jim Cowan, INCE Bd. Cert.*
*Cole Martin, INCE*

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C Traffic Noise Modeling Input and Output
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# Acronyms and Abbreviations

| Acronym/Abbreviation | Definition |
|---|---|
| Caltrans | California Department of Transportation |
| CEQA | California Environmental Quality Act |
| City | City of Santee |
| CNEL | Community Noise Equivalent Level |
| dB | decibel |
| dBA | A-weighted decibel |
| FTA | Federal Transit Administration |
| ips | inches per second |
| $L_{dn}$ | day–night average noise level |
| $L_{eq}$ | equivalent noise level |
| $L_{max}$ | maximum sound level |
| $L_{min}$ | minimum sound level |
| Palisade Santee Commerce Center | proposed project |
| PPV | peak particle velocity |
| RCNM | Roadway Construction Noise Model |
| SLM | Sound level meter |
| SPL | Sound pressure level |
| ST | Short-term |
| VdB | Velocity Decibel |

# 1 Introduction

## 1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential noise impacts associated with construction and operation of the Palisade Santee Commerce Center project (project). This analysis uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.).

## 1.2 Regional and Local Setting

The site is located on an approximately 13.49-acre site in the City of Santee, California (Figure 1). The project site is bounded by light industrial land uses to the east, south, and west (adjacent to North Woodside Avenue and Wheatlands Avenue), and the San Diego River to the north. The terminus of Mission Park Court, , a private street, lies to the east of the project site, but does not connect to the site. The project site is approximately 500 feet from the Highway 67 corridor. The General Plan designation for the property is Light Industrial (LI).

## 1.3 Project Description

The project proposes the demolition of all existing on-site structures located at 10990 Woodside Avenue (APN: 381-070-52) that was originally developed in 1962 as the Santee Drive-In Theatre. The project would redevelop the site for construction of an approximately 300,145 square foot (gross area, inclusive of mezzanines and approximately 10,000 sf of office space) one-story industrial/warehousing building. The proposed building would accommodate warehousing and distribution, manufacturing, assembly, and/or research and development operations, and related office uses. The project would include approximately 290,145 square feet of warehouse space and approximately 10,000 square feet of office space. In addition to the industrial building, the project would include up to 42 dock-high doors, four grade-level doors, two truck courts, and up to 301 passenger-vehicle parking spaces, 30- and 40-foot-wide fire access lanes along the building perimeter, landscaping, and fencing along portions of the developed perimeter with automated gates at certain driveway locations. The project would also include associated utility, stormwater treatment, and roadway improvements. The There is no known tenant at the time of the writing of this document.

Additionally, an eight foot tall, approximately 568 foot long overlapping wall (three segments total), would be featured on the northern perimeter of the property, the length of which was determined by blocking the line-of-sight between the truck loading areas and the residences to the north of the project site. The wall contains a six foot access gap, which is overlapped by greater than 4x by the middle segment, providing the appropriate distance for effective mitigation. The wall construction schedule is to be determined.

## 1.4 Fundamentals of Noise and Vibration

The following is a brief discussion of fundamental noise concepts and terminology.

### 1.4.1 Sound, Noise, and Acoustics

Sound is a process that consists of three components: the sound source, sound path, and sound receiver. All three components must be present for sound to exist. Without a source to produce sound, there is no sound. Similarly, without a medium to transmit sound pressure waves, there is no sound. Finally, sound must be received; a hearing organ, sensor, or object must be present to perceive, register, or be affected by sound or noise. In most situations, there are many different sound sources, paths, and receptors rather than just one of each. Acoustics is the field of science that deals with the production, propagation, reception, effects, and control of sound. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired.

### 1.4.2 Sound Pressure Levels and Decibels

The amplitude of a sound wave determines its loudness. Loudness of sound increases with increasing amplitude. Sound pressure amplitude is measured in units of micronewtons per square meter, also called micropascals. One micropascal is approximately one-hundred billionth (0.00000000001) of normal atmospheric pressure. The pressure of a very loud sound may be 200 million micropascals, or 10 million times the pressure of the weakest audible sound. Because expressing sound levels in terms of micropascals would be very cumbersome and the sensitivity of human hearing to changes in micropascals is rather coarse (e.g., a doubling of micropascals is just audible to most people), sound pressure level in logarithmic units is used instead to describe the ratio of actual sound pressure to a reference pressure squared. These units are called Bels. To provide a finer resolution, a Bel is subdivided into 10 decibels (dB).

### 1.4.3 A-Weighted Sound Level

Sound pressure level alone is not a reliable indicator of loudness. The frequency, or pitch, of a sound also has a substantial effect on how humans will respond. Although the intensity (energy per unit area) of the sound is a purely physical quantity, the loudness, or human response, is determined by the characteristics of the human ear.

Human hearing is limited not only in the range of audible frequencies, but also in the way it perceives the sound in that range. In general, the healthy human ear is most sensitive to sounds between 1,000 and 5,000 hertz, and it perceives a sound within that range as more intense than a sound of higher or lower frequency with the same magnitude. To approximate the frequency response of the human ear, a series of sound level adjustments is usually applied to the sound measured by a sound level meter. The adjustments (referred to as a weighting network) are frequency-dependent.

The A-scale weighting network approximates the frequency response of the average young ear when listening to ordinary sounds. When people make judgments about the relative loudness or annoyance of a sound, their judgments correlate well with the A-scale sound levels of those sounds. Other weighting networks have been devised to address high noise levels or other special situations (e.g., B-scale, C-scale, D-scale), but these scales are rarely used in conjunction with most environmental noise evaluations. Noise levels are typically reported in terms of A-weighted sound levels. All sound levels discussed in this report are A-weighted decibels (dBA). Examples of typical noise levels for common indoor and outdoor activities are depicted in Table 1.

**Table 1. Typical Sound Levels in the Environment and Industry**

| Common Outdoor Activities | Noise Level (dB) | Common Indoor Activities |
|---|---|---|
| — | 110 | Rock band |
| Jet fly over at 300 meters (1,000 feet) | 100 | — |
| Gas lawn mower at 1 meter (3 feet) | 90 | — |
| Diesel truck at 15 meters (50 feet), at 80 kilometers per hour (50 miles per hour) | 80 | Food blender at 1 meter (3 feet); garbage disposal at 1 meter (3 feet) |
| Noisy urban area, daytime; gas lawn mower at 30 meters (100 feet) | 70 | Vacuum cleaner at 3 meters (10 feet) |
| Commercial area; heavy traffic at 90 meters (300 feet) | 60 | Normal speech at 1 meter (3 feet) |
| Quiet urban, daytime | 50 | Large business office; dishwasher next room |
| Quiet urban, nighttime | 40 | Theater; large conference room (background) |
| Quiet suburban, nighttime | 30 | Library |
| Quiet rural, nighttime | 20 | Bedroom at night; concert hall (background) |
| — | 10 | Broadcast/Recording studio |
| Lowest threshold of human hearing | 0 | Lowest threshold of human hearing |

**Source:** Caltrans 2020.

### 1.4.4 Human Response to Changes in Noise Levels

Under controlled conditions in an acoustics laboratory, the trained, healthy human ear is able to discern changes in sound pressure levels of 1 dBA when exposed to steady, single-frequency signals in the mid-frequency range. Outside such controlled conditions, the trained ear can detect changes of 2 dBA in normal environmental noise. It is widely accepted that the average healthy ear, however, can barely perceive noise level changes of 3 dBA. A change of 5 dBA is readily perceptible, and a change of 10 dBA is *perceived* as twice (if a gain) or half (if a loss) as loud. A doubling of sound energy results in a 3 dBA increase in sound, which means that a doubling of sound energy (e.g., doubling the volume of traffic on a road) would result in a barely perceptible change in sound level.

### 1.4.5 Noise Descriptors

Additional units of measure have been developed to evaluate the long-term characteristics of sound. The energy-equivalent sound level ($L_{eq}$) is also referred to as the time-average sound level. It is the equivalent steady-state or constant sound level that in a stated period of time would contain the same acoustical energy as the time-varying sound level during the same time period. For instance, the 1-hour A-weighted equivalent sound level, $L_{eq(h)}$, is the energy average of the A-weighted sound levels occurring during a 1-hour period, and is the basis for most of the County Noise Ordinance standards.

People are generally more sensitive to and thus potentially more annoyed by noise occurring during the evening and nighttime hours. Hence, another noise descriptor used in community noise assessments—the community noise equivalent level (CNEL)—represents a time-weighted, 24-hour average noise level based on the A-weighted sound level. However, unlike an unmodified 24-hour $L_{eq}$ value, the CNEL descriptor accounts for increased noise sensitivity during the evening (7 p.m. to 10 p.m.) and nighttime (10 p.m. to 7 a.m.) by adding 5 dBA and 10 dBA, respectively,

to the average sound levels occurring during these defined hours within a 24-hour period. Whereas CNEL is used mostly in California, the $L_{dn}$ descriptor (day-night average noise level, which is the same as CNEL with the only exception of not including the 5 dBA evening correction) is used more often for environmental noise evaluations for federal projects.

### 1.4.6 Sound Propagation

Sound propagation (i.e., the traverse of sound from a noise emission source position to a receiver location) is influenced by multiple factors that include geometric spreading, ground absorption, atmospheric effects, and occlusion by natural terrain and/or features of the built environment.

Sound levels attenuate (or diminish) geometrically at a rate of approximately 6 dBA per doubling of distance from an outdoor stationary point-type source due to the spherical spreading of sound energy with increasing distance travelled. The effects of atmospheric conditions such as humidity, temperature, and wind gradients are typically distance-dependent and can also temporarily either increase or decrease sound levels measured or perceived at a receptor location. In general, the greater the distance the receiver is from the source of sound emission, the greater the potential for variation in sound levels at the receptor due to these atmospheric effects. Additional attenuation can result from sound path occlusion and diffraction due to intervention of natural (ridgelines, dense forests, etc.) and built features (such as solid walls, buildings, and other structures).

### 1.4.7 Groundborne Vibration Fundamentals

Groundborne vibration is fluctuating or oscillatory motion transmitted through the ground mass (i.e., soils, clays, and rock strata). The strength of groundborne vibration attenuates rapidly over distance. Some soil types transmit vibration quite efficiently; other types (primarily sandy soils) do not. Several basic measurement units are commonly used to describe the intensity of ground vibration. The descriptors used by the Federal Transit Administration (FTA) are peak particle velocity (PPV), in units of inches per second (ips), and velocity decibel (VdB) that is based on a root-mean square (RMS) of the vibration signal magnitude. The calculation to determine PPV at a given distance is as follows:

$$PPV_{distance} = PPV_{ref} * (25/D)^{1.5}$$

Where:

$PPV_{distance}$ = the peak particle velocity in inches per second of the equipment adjusted for distance

$PPV_{ref}$ = the reference vibration level in inches per second at 25 feet

D = the distance from the equipment to the receiver

# 2 Regulatory Setting

## 2.1 Federal

### 2.1.1 Federal Transit Administration

In its Transit Noise and Vibration Impact Assessment guidance manual, the FTA recommends a daytime construction noise level threshold of 80 dBA $L_{eq}$ over an 8-hour period (FTA 2018) when detailed construction noise assessments are performed to evaluate potential impacts to community residences surrounding a project. Although this FTA guidance is not a regulation, it can serve as a quantified standard in the absence of such noise limits at the state and local jurisdictional levels.

### 2.1.2 Federal Interagency Committee on Noise

Some guidance regarding the determination of a substantial permanent increase in ambient noise levels in the project vicinity above existing levels is provided by the 1992 findings of the Federal Interagency Committee on Noise (FICON 1992), which assessed the annoyance effects of changes in ambient noise levels resulting from aircraft operations. The FICON recommendations are based upon studies that relate aircraft and traffic noise levels to the percentage of persons highly annoyed by the noise. Annoyance is a qualitative measure of the adverse reaction of people to noise that generates speech interference, sleep disturbance, or interference with the desire for a tranquil environment.

The rationale for the FICON recommendations is that it is possible to consistently describe the annoyance of people exposed to transportation noise in terms of $L_{dn}$. The changes in noise exposure that are shown below are expected to result in equal changes in annoyance at sensitive land uses. Although the FICON recommendations were specifically developed to address aircraft noise impacts, they are used in this analysis to define a substantial increase in community noise levels related to all transportation noise sources and permanent non-transportation noise sources.

- Outdoor ambient sound level without the project is less than 60 dBA $L_{dn}$, then a project-attributed increase of 5 dBA or more would be considered significant;
- Outdoor ambient sound level without the project is between 60 and 65 dBA $L_{dn}$, project-attributed increase of 3 dBA or more would be considered significant; and
- Outdoor ambient sound level without the project is greater than 65 dBA $L_{dn}$, then project-attributed increase of 1.5 dBA or more would be considered significant.

## 2.2 State

### 2.2.1 California Code of Regulations, Title 24

Title 24 of the California Code of Regulations sets standards that new developments in California must meet. According to Title 24, interior noise levels are not to exceed 45 dBA CNEL in any habitable room (ICC 2019).

### 2.2.2 California Department of Health Services Guidelines

The California Department of Health Services has developed guidelines of community noise acceptability for use by local agencies (OPR 2017). Selected relevant levels are listed here:

- Below 60 dBA CNEL: normally acceptable for low-density residential use
- 50 to 70 dBA CNEL: conditionally acceptable for low-density residential use
- Below 65 dBA CNEL: normally acceptable for high-density residential use and transient lodging
- 60 to 70 dBA CNEL: conditionally acceptable for high-density residential, transient lodging, churches, educational, and medical facilities

The normally acceptable exterior noise level for high-density residential use is up to 65 dBA CNEL. Additionally, this exterior noise level limit is consistent with the City of Santee General Plan Noise Element, which considers multi-family unit noise-sensitive land uses.

### 2.2.3 California Department of Transportation

In its Transportation and Construction Vibration Guidance Manual (Caltrans 2020), the California Department of Transportation (Caltrans) recommends 0.5 ips PPV as a threshold for the avoidance of structural damage to typical newer residential buildings exposed to continuous or frequent intermittent sources of groundborne vibration. For transient vibration events, such as blasting, the damage risk threshold would be 1.0 ips PPV (Caltrans 2020) at the same type of newer residential structures. For older structures, these guidance thresholds would be more stringent: 0.3 ips PPV for continuous/intermittent vibration sources, and 0.5 ips PPV for transient vibration events. With respect to human annoyance, Caltrans guidance indicates that building occupants exposed to continuous groundborne vibration in the range of 0.2-0.6 ips PPV would find it “unpleasant or “annoying” and thus a likely significant impact. Although these Caltrans guidance thresholds are not regulations, they can serve as quantified standards in the absence of such limits at the local jurisdictional level.

## 2.3 Local

### 2.3.1 City of Santee Noise Level Compatibility Standards

The Noise Element of the City’s General Plan (City of Santee 2003) establishes target maximum noise levels in the City, categorized by land use. The Noise Element sets the following limitations on noise levels for receiving properties adjacent to the project site. Figure 3 contains the Noise / Land Use Compatibility Guide from the General Plan Noise Element, which establishes a maximum noise level of 65 dBA $L_{dn}$ for noise-sensitive land uses and 75 dBA $L_{dn}$ for industrial land uses.

## 2.3.2 Transportation-Related Noise Standards

The City's Noise Element establishes a policy for exterior sensitive areas to be protected from high traffic noise levels. The Noise Element sets 65 dBA $L_{dn}$ for exterior noise levels and 45 dBA $L_{dn}$ for interior noise levels as the "normally acceptable" level.

For interior noise, the Noise Element also establishes 45 dBA $L_{dn}$ as the maximum acceptable level for habitable rooms when exterior predicted noise levels due to traffic are 65 dBA $L_{dn}$ or more. If windows and doors are required to be closed to meet this standard, then mechanical ventilation (i.e., air conditioning) shall be included in the project design.

## 2.3.3 Noise Element Objectives and Policies

The Noise Element contains a section on the noise abatement and control objectives and policies for the City, a selection of which are presented here.

**Objective 1.0 Control noise from sources adjacent to residential, institutional and other noise-sensitive receptors.**

Policy 1.1. The City shall support a coordinated program to protect and improve the acoustical environment of the City including development review for new public and private development and code compliance for existing development.

Policy 1.2. The City shall utilize noise studies and noise contour maps when evaluating development proposals during the discretionary review process.

Policy 1.3. The City shall enforce motor vehicle laws and standards as appropriate, related to traffic flow and speed, in an effort to reduce noise along roadways experiencing high noise levels.

Policy 1.4. The City shall promote alternative sound attenuation measures rather than traditional wall barriers wherever feasible; these may include glass or polycarbonate walls, berms, landscaping, and the siting of noise-sensitive uses on a parcel away from the roadway or other noise source.

Policy 1.5. The City shall review future projects with particular scrutiny regarding the reduction of unnecessary noise near noise-sensitive areas such as hospitals, schools, parks, etc.

Policy 1.6. The City shall continue to monitor noise throughout Santee and enforce the standards and regulations of the City's Noise Ordinance.

Policy 1.15. The City shall encourage Caltrans to recognize and implement the City's noise standards for planned and future freeway projects in the City.

Policy 1.16. The City shall ensure that appropriate regulations and standards are incorporated into the City's development policies and ordinances, including the use of noise evaluations in Environmental Impact Reports and statements, which take all aspects of noise into consideration.

Policy 1.17. The City shall officially support the control of noise through legal regulations and cooperative government efforts.

**Objective 2.0 Ensure that future developments will be constructed to minimize interior and exterior noise levels.**

Policy 2.1. The City shall adhere to planning guidelines and building codes which include noise control for the exterior and interior living space of all new residential developments within noise impacted areas.

Policy 2.2. The City should require new development to mitigate noise impacts to existing uses resulting from new development when: 1) such development adds traffic to existing City streets that necessitates the widening of the street; and 2) the additional traffic generated by the new development causes the noise standard or significance thresholds to be exceeded.

Policy 2.3. The City should not require new development to mitigate noise impacts to existing uses when the new development only adds traffic already anticipated by the City's General Plan to an existing street, but does not necessitate widening of that street.

## City of Santee Noise Ordinance

Construction activities are subject to Section 5.04.090 of the City's Noise Ordinance, which specifically prohibits the operation of any single or combination of powered construction equipment at any construction site on Mondays through Thursday except between the hours of 7:00 a.m. and 7:00 p.m. Further, construction equipment with a manufacturer's noise rating of 85 dBA $L_{max}$ or greater may only operate at a specific location for 10 consecutive workdays. A notice must be provided to all property owners within 300 feet if work is scheduled for more than 10 days and must be provided no later than 10 days prior to the start of the construction.

# 3 Existing Conditions

## 3.1 Noise Measurement Surveys

Sound pressure level (SPL) measurements were conducted near the proposed project site on March 25, 2023, to quantify and characterize the existing outdoor ambient sound levels. Another set of SPL measurements were conducted near the proposed project site on March 18 and 19, 2024, to help further characterize the existing outdoor noise levels for the single-family residences located north of the San Diego River.

Table 2 provides the location and time period at which these baseline noise level measurements were performed by an attending Dudek field investigator. The March 2023 measurements were conducted using a Rion-branded Model NL-52 sound level meter (SLM) equipped with a 0.5-inch, pre-polarized condenser microphone with pre- amplifier. The SLM meets the current American National Standards Institute standard for a Type 1 (Precision Grade) sound level meter, while the March 2024 measurements were made using a a SoftdB "Piccolo" model sound level meter equipped with a windscreen-protected, 0.5-inch diameter pre-polarized condenser microphone with pre-amplifier. The sound level meter meets the current American National Standards Institute (ANSI) standard for a Type 2 (General Use) sound level meter.

The accuracy of the SLM was verified using a field calibrator before and after the measurements, and the measurements were conducted with the microphone positioned approximately 5 feet above the ground.

Five (5) short-term (ST) noise level measurement locations (ST1–ST5) that represent existing noise-sensitive receivers were selected on and near the proposed project site. These locations are depicted as receivers ST1–ST5 on Figure 4. The measured $L_{eq}$ and $L_{max}$ noise levels are provided in Table 2. The primary noise sources at the sites identified in Table 2 consisted of traffic along adjacent roadways, aircraft, the sounds of leaves rustling, conversations, and birdsong during the daytime, and frog noise at night. As shown in Table 2, the measured daytime SPL ranged from 53.1 dBA $L_{eq}$ at ST4 to 76.8 dBA $L_{eq}$ at ST1 and the measured nighttime SPL ranged from 50.2 at ST2 to 51.2 at ST5. Beyond the summarized information presented in Table 2, detailed noise measurement data is included in Appendix A.

**Table 2. Measured Baseline Outdoor Ambient Noise Levels**

| Site | Location/Address | Time | $L_{eq}$ (dBA) | $L_{max}$ (dBA) |
|---|---|---|---|---|
| ST1 | East of Woodside Avenue at Shadow Hill Apartments | 2023-03-25, 9:01 AM to 9:06 AM | 76.8 | 84.3 |
| ST2 | Cul-de-sac of Hillcreek Way | 2023-03-25, 9:25 AM to 9:35 AM | 55.6 | 66.8 |
| | South from the cul-de-sac of Hillcreek Way, along Walker Preserve Trail | 2024-03-19, 1:14 PM to 2:14 PM | 53.8 | 75.5 |
| | | 2024-03-18, 8:21 PM to 9:21 PM | 50.2 | 73.9 |
| ST3 | Southern project boundary | 2023-03-25, 10:25 AM to 10:35 AM | 60.3 | 75.5 |
| ST4 | Walker Preserve Trail, northwest of project boundary | 2023-03-25, 9:45 AM to 10:00 AM | 53.1 | 71.2 |

**Table 2. Measured Baseline Outdoor Ambient Noise Levels**

| Site | Location/Address | Time | $L_{eq}$ (dBA) | $L_{max}$ (dBA) |
|---|---|---|---|---|
| | | 2024-03-19, 1:22 PM to 2:22 PM | 54.1 | 75.4 |
| | | 2024-03-18, 8:28 PM to 9:28 PM | 50.5 | 64.1 |
| ST5 | Walker Preserve Trail, north of project boundary | 2024-03-19, 1:29 PM to 2:29 PM | 55.2 | 75.9 |
| | | 2024-03-18, 8:40 PM to 9:40 PM | 51.2 | 58.2 |

**Source:** Appendix A.
**Notes**: $L_{eq}$ = equivalent continuous sound level (time-averaged sound level); $L_{max}$ = maximum sound level during the measurement interval; dBA = A-weighted decibels; ST = short-term noise measurement locations.

Generally, the measured samples of daytime $L_{eq}$ agree with expectations: ST1 and ST3 $L_{eq}$ values are above 60 dBA due largely to their proximity to Highway 67. ST2, ST4, and ST5, however, are in residential and trail areas north of the proposed project and are more distant from these sources of traffic noise, which results in a substantially lower sampled $L_{eq}$ value. Noise measurements were not conducted during time periods when the drive-in/swap meet was operating. Therefore, the ambient noise level measurements conducted for the project are likely lower than ambient noise levels when the drive-in is operational.

## 3.2 Sensitive Receptors

Noise- and vibration-sensitive land uses are locations where people reside or where the presence of unwanted sound could adversely affect the use of the land. Residences, schools, hospitals, guest lodging, libraries, and some passive recreation areas would be considered noise and vibration sensitive and may warrant unique measures for protection from intruding noise.

The closest sensitive receptors in the vicinity of the Project site are the nearest existing residences located as close as 310 feet from the Project driveway south of North Woodside Avenue and 650 feet north of the Project boundary.

# 4 Thresholds of Significance

The following significance criteria are based on Appendix G of the California Environmental Quality Act Guidelines (14 CCR 15000 et seq.) and will be used to determine the significance of potential noise and vibration impacts. Impacts associated with noise and vibration would be significant if the proposed project would result in:

- Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.
- Generation of excessive groundborne vibration or groundborne noise levels.
- Exposing people residing or working in the project area to excessive noise levels (for a project located within the vicinity of a private airstrip or an airport land use plan, or where such a plan has not been adopted, within 2 miles of a public airport or public use airport).

In light of these above significance criteria, this analysis uses the following standards to evaluate potential noise and vibration impacts.

- Construction noise –The apparent proximity of existing residential receptors located south of the North Woodside Avenue suggests that source-to-receiver distances are a minimum of approximately 310 feet. Additionally, most construction equipment and vehicles on a project site do not operate continuously. Therefore, consistent with the FTA guidance mentioned in Section 2 (Regulatory Setting), this analysis will use 80 dBA $L_{eq}$ over an 8-hour period as the construction noise impact criterion during daytime hours (7:00 a.m. to 7:00 p.m.).
- Off-site project-attributed transportation noise – For purposes of this analysis, a noise impact due to transportation noise would be considered significant if predicted noise levels exceeded the FICON thresholds noted in Section 2.1.2. More specifically, an impact due to the project contribution to existing and future predicted ambient noise levels would be considered significant if it meets the following criteria:
    - Outdoor ambient sound level without the project is less than 60 dBA $L_{dn}$, then a project-attributed increase of 5 dBA or more would be considered significant;
    - Outdoor ambient sound level without the project is between 60 and 65 dBA $L_{dn}$, project-attributed increase of 3 dBA or more would be considered significant; and
    - Outdoor ambient sound level without the project is greater than 65 dBA $L_{dn}$, then project-attributed increase of 1.5 dBA or more would be considered significant.
- Off-site project-attributed stationary noise – For purposes of this analysis, a noise impact would be considered significant if noise from typical operation of heating, ventilation, and air conditioning (HVAC), truck movements, and other electro-mechanical systems associated with the proposed project exceeded 75 dBA $L_{dn}$ at the property line. Note that these are the City's thresholds for the industrial zones that characterize the proposed project site. For residential land uses near the project site, a noise impact would be considered significant if noise from typical operations exceeds 65 dBA $L_{dn}$.
- Construction vibration – Guidance from Caltrans indicates that a vibration velocity level of 0.2 ips PPV received at a structure would be considered annoying by occupants within (Caltrans 2013). As for the

receiving structure itself, aforementioned Caltrans guidance from Section 2 recommends that a vibration level of 0.3 ips PPV would represent the threshold for building damage risk.

# 5 Impact Discussion

Potential noise and vibration impacts attributed to project construction and operation are studied in the following subsections that are categorized by the CEQA Guidelines Appendix G significance for noise.

*a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?*

## Short-Term On-Site Construction Noise

**Less Than Significant**. Construction noise and vibration are temporary phenomena, with emission levels varying from hour to hour and day to day, depending on the equipment in use, the operations performed, and the distance between the source and receptor. Equipment that would be in use during construction would include, in part, graders, backhoes, rubber-tired dozers, loaders, cranes, forklifts, pavers, rollers, and air compressors. The typical maximum noise levels at a distance of 50 feet from various pieces of construction equipment and activities anticipated for use on the proposed project site are presented in Table 3. Note that the equipment noise levels presented in Table 3 are maximum noise levels. Usually, construction equipment operates in alternating cycles of full power and low power, producing average noise levels over time that are less than the maximum noise level. The average sound level of construction activity also depends on the amount of time that the equipment operates and the intensity of construction activities during that time.

**Table 3. Typical Construction Equipment Maximum Noise Levels**

| Equipment Type | Typical Equipment ($L_{max}$, dBA at 50 Feet) |
|---|---|
| All Other Equipment > 5 HP | 85 |
| Backhoe | 78 |
| Compressor (air) | 78 |
| Concrete Saw | 90 |
| Crane | 81 |
| Dozer | 82 |
| Excavator | 81 |
| Flat Bed Truck | 74 |
| Front End Loader | 79 |
| Generator | 72 |
| Grader | 85 |
| Man Lift | 75 |
| Paver | 77 |
| Roller | 80 |
| Scraper | 84 |
| Welder / Torch | 73 |

**Source:** DOT 2006.
**Note:** $L_{max}$ = maximum sound level; dBA = A-weighted decibels.

Aggregate noise emission from proposed project construction activities, broken down by sequential phase, was predicted at two evaluation distances to the nearest existing noise-sensitive receptor: 1) from the nearest position of the construction site boundary and 2) from the geographic center of the construction site, which serves as the time-averaged location or geographic *acoustical centroid* of active construction equipment for the phase under study. The intent of the former distance is to help evaluate anticipated construction noise from equipment or vehicle activity expected to be at the boundary for some period of time, which would be most appropriate for phases such as site preparation, grading, and paving. The latter distance is used in a manner similar to the general assessment technique as described in the FTA guidance for construction noise assessment, when the location of individual equipment for a given construction phase is uncertain over some extent of (or the entirety of) the construction site area. In this studied scenario, because of the equipment location uncertainty, all the equipment for a construction phase is assumed to operate—on average—from the acoustical centroid position. Table 4 summarizes these two distances to the apparent closest noise-sensitive receptor for each of the six sequential construction phases. At the site boundary, this analysis assumes that all equipment of each listed type per phase will be involved in the construction activity for the full 8-hour period. For the acoustical centroid case, which intends to be a geographic average position for all equipment during the indicated phase, this analysis assumes that the equipment may be operating up to all 8 hours per day.

## Table 4. Estimated Distances between Construction Activities and the Nearest Noise-sensitive Receptors

| Construction Phase (and Equipment Types Involved) | Distance from Nearest Noise-Sensitive Receptor to Construction Site Boundary (Feet) | Distance from Nearest Noise-Sensitive Receptor to Acoustical Centroid of Site (Feet) |
|---|---|---|
| Demolition (concrete saw, excavator, dozer) | 310 | 990 |
| Site Preparation (dozer, front end loader) | 310 | 990 |
| Grading (excavator, grader, dozer, scraper backhoe) | 310 | 990 |
| Building construction (crane, man-lift, generator, backhoe, welder) | 310 | 990 |
| Paving (paver, roller, concrete mixer truck) | 310 | 990 |
| Architectural Coating (compressor) | 310 | 990 |

A Microsoft Excel–based noise prediction model emulating and using reference data from the Federal Highway Administration Roadway Construction Noise Model (RCNM) (FHWA 2008) was used to estimate construction noise levels at the nearest occupied noise-sensitive land use. Although the RCNM was funded and promulgated by the Federal Highway Administration, it is often used for non-roadway projects, because the same types of construction equipment used for roadway projects are often used for other types of construction. Input variables for the predictive modeling consist of the equipment type and number of each (e.g., two graders, a loader, a tractor), the duty cycle for each piece of equipment (e.g., percentage of time within a specific time period, such as an hour, when

the equipment is expected to operate at full power or capacity and thus make noise at a level comparable to what is presented in Table 3), and the distance from the noise-sensitive receiver. The predictive model also considers how many hours that equipment may be on-site and operating (or idling) within an established work shift. Conservatively, no topographical or structural shielding was assumed in the modeling. The RCNM has default duty-cycle values for the various pieces of equipment, which were derived from an extensive study of typical construction activity patterns. Those default duty-cycle values were used for this noise analysis, which is detailed in Appendix B, and produced the predicted results displayed in Table 5.

**Table 5. Predicted Construction Noise Levels per Activity Phase**

| Construction Phase (and Equipment Types Involved) | 8-Hour $L_{eq}$ at Nearest Noise-Sensitive Receptor to Construction Site Boundary (dBA) | 8-Hour $L_{eq}$ at Nearest Noise-Sensitive Receptor to Acoustical Centroid of Site (dBA) |
|---|---|---|
| Demolition (concrete saw, excavator, dozer) | 66.5 | 55.3 |
| Site Preparation (dozer, front end loader) | 64.3 | 53.1 |
| Grading (excavator, grader, dozer, scraper backhoe) | 67.0 | 55.8 |
| Building construction (crane, man-lift, generator, backhoe, welder) | 60.8 | 49.5 |
| Paving (paver, roller, concrete mixer truck) | 60.6 | 49.3 |
| Architectural Coating (compressor) | 52.5 | 41.2 |

**Notes:** $L_{eq}$ = equivalent noise level; dBA = A-weighted decibels.

As presented in Table 5, the highest estimated construction noise levels are predicted to stay below 67 dBA $L_{eq}$ over an 8-hour period at the nearest existing residences (located south of North Woodside Avenue and as close as 310 feet from the project driveway) when grading activities take place near the project driveway. Residences further afield, such as those to the north of the project site, would be predicted to have lower construction noise levels than those shown in Table 5. Additionally, the nearest existing residences to the south are dominated by traffic noise from SR-67, and intervening barriers and terrain were not considered in the model. As a result, short-term construction noise is predicted to be well below the FTA guidance of 80 dBA $L_{eq}$ over an 8-hour period, and therefore is less than significant.

### Short-Term Off-Site Construction Noise

**Less Than Significant.** The project would result in local, short-term increases in roadway noise as a result of construction traffic. Based on information developed as part of the project's air quality analysis, project-related traffic would include workers commuting to and from the project site as well as vendor and haul trucks bringing or removing materials. The highest number of average daily worker trips would be 122 trips, occurring during the building construction phase. The highest number of average daily vendor truck trips would be 48 trips, also occurring during the building construction phase. The highest number of total haul truck trips would be 6675 trips, occurring during the demolition phase over a period of 25 days. Based upon available data provided in the project Transportation Technical Memorandum, existing Average Daily Traffic (ADT) volumes were

combined with the construction truck haul trips (an average of 275 haul trucks per day) and truck percentages found in the project Transportation Technical Memorandum were derived to include the increase in heavy trucks and applied to all of the studied roadway ADTs to determine the potential noise level increase due to construction noise. Aside from the project driveway, it is not known which roadways will be used to route construction traffic. Therefore, applying the average of 275 haul trucks per day to all studied project roadway ADTs represents an extremely conservative prediction methodology.

The change in roadway noise levels was predicted for two conditions: existing and existing plus average daily haul truck construction traffic. Traffic noise levels were calculated for roadway segments bounded by intersections within the project area and are listed as follows:

- Project Driveway – From N. Woodside Avenue to the Project;
- Wheatlands Avenue – From N. Woodside Avenue to Wheatlands Road;
- N. Woodside Avenue – From Wheatlands Avenue to Woodside Avenue (combined north/south split);
- Woodside Avenue – From Magnolia Avenue to the Woodside Avenue north/south split;
- Magnolia Avenue – From Woodside Avenue to SR-52; and
- SR-67.

Based upon the FICON thresholds presented in Section 2.1.2 above, an increase of less than 5 dBA when the ambient sound level is less than 60 dBA $L_{dn}$/CNEL, less than 3 dBA when the ambient sound level is between 60 and 65 dBA $L_{dn}$/CNEL, or less than 1.5 dBA when the ambient sound level is greater than 65 dBA $L_{dn}$/CNEL would not be significant. Utilizing the traffic noise modeling worksheets found in Appendix C, Table 6 shows that the highest predicted change in traffic noise level (the project driveway) combined with the roadways surrounding the immediate project site are predicted to experience an aggregate total traffic noise level of 85 dBA at 50 feet for the existing condition with a predicted increase of less than 1 dBA due to the project contribution. Although the aggregate predicted "with project construction traffic" condition is greater than the City limit as summarized in Section 2.3.3.1, the predicted "without project construction traffic" level at the nearest sensitive receivers is also greater than the City limit, with a predicted "with project" increase of less than 1 dBA, which is less than the FICON 1.5 dBA threshold when the ambient sound level is greater than 65 dBA $L_{dn}$/CNEL, and would be considered imperceptible to the average person. Additionally, although the increase in noise level for the project driveway is greater than 5 dBA and therefore higher than the FICON thresholds and perceptible to the average person, there are no noise-sensitive receptors adjacent to the project driveway; the nearest noise-sensitive receptors to the south of the project are already dominated by much higher levels of traffic noise from nearby adjacent roadways such as SR-67. Therefore, potential impacts at existing off-site noise-sensitive land uses along roadway segments identified in Table 6 and with respect to project-generated temporary construction traffic to existing traffic noise would be less than significant.

## Table 6. Predicted Construction Traffic Noise Levels

| Modeled Roadway Segment | From | To | Existing (dBA CNEL) | Existing Plus Project Construction Traffic (dBA CNEL) | Delta (dBA) |
|---|---|---|---|---|---|
| Project Driveway | N. Woodside Avenue | Project | 50.38 | 60.26 | 9.88 |
| Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 61.82 | 63.93 | 2.11 |
| N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 67.76 | 68.70 | 0.95 |
| Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 77.40 | 77.54 | 0.14 |
| Magnolia Avenue | Woodside Avenue | SR-52 | 77.15 | 77.27 | 0.12 |
| SR-67 | | | 83.50 | 83.55 | 0.05 |
| **Aggregate Total @ 50 Feet** | | | **85.29** | **85.41** | **0.12** |
| **Project Driveway, Wheatlands Avenue, SR-67 Segment Aggregate Total @ 50 Feet** | | | **83.64** | **83.76** | **0.11** |

### Best Practices for Limiting Construction Noise

Despite the construction noise analysis above showing that the impact to noise-sensitive receivers would be less than significant, the following is a list of best practices for limiting construction noise that should be implemented by the contractor:

- The project contractor shall, to the extent feasible, schedule construction activities to avoid concurrent operation of several pieces of construction equipment proximate to an offsite noise-sensitive receptor.
- All construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers.
- Construction noise reduction methods such as shutting off idling equipment, maximizing the distance between construction equipment staging areas and adjacent residences, and use of electric air compressors and similar power tools, rather than diesel equipment, shall be used where feasible.
- Construction hours, allowable workdays, and the phone number of the job superintendent shall be clearly posted at all construction entrances to allow surrounding property owners to contact the job superintendent if necessary. In the event the City receives a complaint, appropriate corrective actions shall be implemented, and a report of the action provided to the reporting party.

## Long-Term Operational Noise

### Off-Site Traffic Noise Exposure

The project is expected to generate an additional 1,440 average daily trips to the roadway system, as shown in Table 1 of the project's Transportation Technical Memorandum. During the afternoon (PM) peak-hour (the highest of the AM and PM peak hours), approximately 148 passenger car equivalent vehicles are estimated to enter or exit the project site. Utilizing this information as well as additional traffic data provided in Appendix C, of this technical report, the FHWA's Highway Traffic Noise Prediction Model RD-77-108 was used to estimate potential noise impacts at adjacent noise-sensitive uses. Information used in the model included Average Daily Traffic (ADT), posted traffic speeds, truck mix percentage, and day/evening/night mix percentage.

Consistent with Caltrans guidance (Caltrans 2013), this analysis assumes 80% of the ADT occurs during daytime hours (7:00 a.m. to 7:00 p.m.), 5% during the evening (7:00 p.m. to 10:00 p.m.), and 15% during the nighttime (10:00 p.m. to 7:00 a.m.). The future modeled traffic speed was assumed to be the anticipated speed limit for the studied future roads, which is 45 miles per hour (mph) for Woodside Avenue, 40 mph for N. Woodside Avenue and Magnolia Avenue, and 25 mph for Wheatlands Avenue and the project driveway. The truck percentages used in the noise model were 4.6% medium trucks and 22.9% heavy trucks. This truck mix is based on the project trip truck percentages from Table 1 of the project's Transportation Technical Memorandum.

The change in roadway noise levels was predicted for two conditions: existing, near-term, and horizon year 2035 plus project. Traffic noise levels were calculated for roadway segments bounded by intersections within the project area and are listed as follows:

Project Driveway – From N. Woodside Avenue to the Project;
- Wheatlands Avenue – From N. Woodside Avenue to Wheatlands Road;
- N. Woodside Avenue – From Wheatlands Avenue to Woodside Avenue (combined north/south split);
- Woodside Avenue – From Magnolia Avenue to the Woodside Avenue north/south split;
- Magnolia Avenue – From Woodside Avenue to SR-52; and
- SR-67 (project trip traffic was not available for this roadway).

Based upon the FICON thresholds presented in Section 2.1.2 above, an increase of less than 5 dBA when the ambient sound level is less than 60 dBA $L_{dn}$/CNEL, less than 3 dBA when the ambient sound level is between 60 and 65 dBA $L_{dn}$/CNEL, or less than 1.5 dBA when the ambient sound level is greater than 65 dBA $L_{dn}$/CNEL would not be significant. Utilizing the traffic noise modeling worksheets found in Appendix C, Table 7 shows that the highest predicted change in traffic noise level (the project driveway) combined with the roadways surrounding the immediate project site are predicted to experience an aggregate total traffic noise level of 84 dBA at 50 feet for the horizon year 2035 condition with a predicted increase of less than 1 dBA due to the project contribution. Although the aggregate predicted "with project" condition is greater than the City limit as summarized in Section 2.3.3.1, the predicted "without project" level at the nearest sensitive receivers is also greater than the City limit, with a predicted "with project" increase of less than 1 dBA, which is less than the FICON 1.5 dBA threshold when the ambient sound level is greater than 65 dBA $L_{dn}$/CNEL, and would be considered imperceptible to the average person. Additionally, although the increase in noise level for the project driveway is greater than 5 dBA and therefore higher than the FICON thresholds and perceptible to the average person, there are no noise-sensitive receptors adjacent to the project driveway; the nearest noise-sensitive receptors to the south of the project are already dominated by much

higher levels of traffic noise from nearby adjacent roadways such as SR-67, while noise-sensitive receptors to the north of the project are occluded from the project driveway by intervening buildings and terrain. Therefore, potential impacts at existing off-site noise-sensitive land uses along roadway segments identified in Table 7 and with respect to project-generated changes to future traffic noise would be less than significant.

## Table 7. Predicted Traffic Noise Levels

| Modeled Roadway Segment | From | To | Existing (dBA CNEL) | Existing Plus Project (dBA CNEL) | Delta (dBA) | Near-Term (dBA CNEL) | Near-Term Plus Project (dBA CNEL) | Delta (dBA) | Horizon 2035 (dBA CNEL) | Horizon 2035 Plus Project (dBA CNEL) | Delta (dBA) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Project Driveway | N. Woodside Avenue | Project | 50.38 | 61.62 | 11.24 | 50.38 | 61.62 | 11.24 | 50.38 | 61.62 | 11.24 |
| Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 61.82 | 61.82 | 0.00 | 61.82 | 61.82 | 0.00 | 67.10 | 67.10 | 0.00 |
| N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 67.76 | 69.05 | 1.29 | 68.46 | 69.58 | 1.12 | 73.19 | 73.33 | 0.14 |
| Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 77.4 | 77.60 | 0.20 | 77.50 | 77.70 | 0.20 | 78.70 | 78.75 | 0.05 |
| Magnolia Avenue | Woodside Avenue | SR-52 | 77.15 | 77.27 | 0.12 | 77.34 | 77.46 | 0.12 | 77.72 | 77.76 | 0.04 |
| SR-67 | | | 83.50 | 82.5 | 0.00 | 84.15 | 84.15 | 0.00 | 84.39 | 84.39 | 0.00 |
| **Aggregate Total @ 50 Feet** | | | **85.29** | **85.39** | **0.10** | **85.79** | **85.87** | **0.09** | **86.38** | **86.41** | **0.03** |
| **Project Driveway, Wheatlands Avenue, SR-67 Segment Aggregate Total @ 50 Feet** | | | **83.64** | **83.71** | **0.06** | **84.29** | **84.35** | **0.05** | **84.78** | **84.81** | **0.03** |

**Source:** Appendix C.

# Project Sound Sources

## On-site Outdoor Mechanical Equipment

The completion of the building will add a variety of noise-producing mechanical equipment that include those presented and discussed in the following paragraphs. Most of these noise-producing equipment or sound sources would be considered stationary or limited in mobility to a defined area.

### Prediction Method and Parameters

The aggregate noise emission from these outdoor-exposed sound sources has been predicted with the Datakustik CadnaA sound propagation program. CadnaA is a commercially available software program for the calculation, presentation, assessment, and prediction of environmental noise based on algorithms and reference data per International Organization of Standardization (ISO) Standard 9613-2, "Attenuation of Sound During Propagation Outdoors, Part 2: General Method of Calculation" (ISO 1996). The CadnaA computer software allows one to position sources of sound emission in a simulated three-dimensional (3-D) space having heights and footprints consistent with project architectural plans and elevations. In addition to the above-mentioned sound source inputs and building-block structures that define the three-dimensional sound propagation model space, the following assumptions and parameters are included in this CadnaA-supported stationary noise source assessment:

- Ground effect acoustical absorption coefficient equal to 0.5, which intends to represent an average or blending of ground covers that are characterized largely by hard reflective pavements and existing building surfaces across the project site and the surroundings;
- Reflection order of 1, which allows for a single reflection of sound paths on encountered structural surfaces such as the modeled building masses;
- Off-site residential structures and buildings have not been rendered in the model;
- An 8' tall, 568' long overlapped barrier was modeled on the northern perimeter of the project site;
- Calm meteorological conditions (i.e., no wind) with 68 degrees Fahrenheit and 50% relative humidity; and
- All of the modeled noise sources are operating concurrently and continuously for a minimum period of 1 hour.

Based on the available plans and other design information, the proposed project building would be served by roof-mounted air-conditioning equipment that includes outdoor-exposed packaged air-handling units and air-cooled condensers (ACC) that provide the expected cooling demand (expressed as refrigeration "tonnage") for a building. The following are descriptions of modeled sound sources, with Table 8 exhibiting modeled sound power level (PWL) data at octave-band center frequency (OBCF) resolution. Detailed information supporting these summary descriptions and quantities appear in Appendix D.

**Table 8. Modeled Sound Power Levels (PWL) for Stationary Sources (HVAC)**

| Building | Sound Source | Overall $L_{eq}$ (dBA) | A-Weighted dB at Octave Band Center Frequency (OBCF, Hz) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 32.5 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1 | Air Handling | 93 | 74 | 74 | 86 | 87 | 88 | 85 | 78 | 72 | 67 |
| | Air Conditioning | 98 | 74 | 74 | 81 | 88 | 92 | 91 | 91 | 89 | 80 |

The HVAC reference sound levels were calculated from a combination of inputs that include square footage values for the proposed project's proposed office spaces, project applicant response to data requests, and manufacturer sound power level data. For the analysis of noise from HVAC equipment operation, eight air conditioning units were modeled on the rooves of the project building.

### Other Stationary Noise Sources

The proposed project building may feature other noise emitters, but their contributions would tend to be sporadic or otherwise occur infrequently and thus be expected to have no greater acoustic contribution to an hourly $L_{eq}$ than the continuous-type HVAC noise studied herein.

### Loading Dock Noise Sources

The proposed project building also features loading dock areas for the loading and unloading of heavy trucks. Onsite loading dock noise was calculated for a single heavy truck pass by (Salter 2014) and extrapolated based upon the number of heavy trucks entering or exiting the facility during the peak hour. Backup alarms are also included in the truck noise level calculations. Loading dock data were subsequently entered into the CadnaA model for the prediction of stationary operations noise levels. Detailed information supporting the calculation of daytime and nighttime loading dock noise be found in Appendix D.

### Prediction Results

An operational scenario of the proposed project was modeled that assumes all the HVAC equipment is operating simultaneously for a minimum period of one hour along with peak hour truck movements in the loading dock areas. Figure 5, Predicted Daytime Onsite Operations Noise Contours, displays the predicted noise contours associated with aggregate sound propagation from operating HVAC and peak daytime loading dock sound sources. An additional operational scenario of the proposed project was modeled to predict a hypothetical nighttime scenario, where all the HVAC equipment is operating simultaneously for a minimum period of one hour, but the peak hour truck movement is reduced to 25% of the peak for each docking area. Figure 6, Predicted Nighttime Onsite Operations Noise Contours, displays the predicted noise contours associated with aggregate sound propagation from operating HVAC and nighttime loading dock sound sources.

Figures 5 and 6 illustrate predicted aggregate SPL propagation solely from operation of the proposed project stationary sound sources as described herein. The color-coded annular bands of SPL are calculated across a field parallel with and five (5) feet above local grade.

Based on the noise level contours appearing in Figures 5 and 6, the proposed project is predicted to be up to 67 dBA $L_{eq}$ in the daytime and 60 dBA $L_{eq}$ in the nighttime for a calculated $L_{dn}$ of 68 dBA at the adjacent industrial land uses and is therefore expected to be lower than and thus comply with the City's 75 dBA $L_{dn}$ threshold for industrial land uses. Further, the proposed project is predicted to be up to 40 dBA $L_{eq}$ in the daytime and 35 dBA $L_{eq}$ in the nighttime for a calculated $L_{dn}$ of 43 dBA at the noise-sensitive receptors to the north of the project site and up to 43 dBA $L_{eq}$ in the daytime and 38 dBA $L_{eq}$ in the nighttime for a calculated $L_{dn}$ of 46 dBA at the noise-sensitive receptors to the south of the project site, both of which are therefore predicted to be lower than and thus comply with the City's 65 dBA $L_{dn}$ threshold for residential land uses.

Table 2 shows existing background sound levels in the natural habitat area to the north of the project site in the 50 to 56 dBA $L_{eq}$ range, while Figures 5 and 6 show maximum predicted operational noise levels in the 35 to 45 dBA range in the same area. Therefore, project-related operational noise levels are predicted to be less than the current sound levels in the natural habitat area closest to the project site by a factor of 5 to 21 dBA. It should be noted that these predictions include the assumption of an 8' tall, 568' long overlapped barrier on the northern perimeter of the project site.

### On-site Parking Activity

**Less Than Significant Impact.** A comprehensive study of noise levels associated with surface parking lots was published in the Journal of Environmental Engineering and Landscape Management (Baltrënas et al. 2004). The study found that average noise levels for parking lots of similar size during the peak period of use of the parking lot (generally in the morning with arrival of commuters, and in the evening with the departure of commuters), was 47 dBA $L_{eq}$ at 1 meter (3.28 feet) from the outside boundary of the parking lot. The parking areas would function as point sources for noise, which means that noise would attenuate at a rate of 6 dBA with each doubling of distance. Employee parking spaces are proposed to be distributed throughout the project site adjacent to the warehouse/office building, no closer than 700 feet from the edge of the closest parking space to the nearest residences to the north. At a distance of 700 feet, parking space noise levels would not be audible to the human ear at the nearest residences. The combination of the parking space noise (<2 dBA $L_{eq}$) and the predicted stationary operation level (43 dBA $L_{eq}$ at the nearest receptor) would be 43 dBA $L_{eq}$[1], which would be well below the applicable limits (i.e. 65 dBA $L_{dn}$ for residential receptors). Therefore, impacts associated with parking noise would be less than significant.

*b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?*

**Less Than Significant Impact.** Construction activities may expose persons to excessive groundborne vibration or groundborne noise, causing a potentially significant impact. Caltrans has collected groundborne vibration information related to construction activities (Caltrans 2020). Information from Caltrans indicates that continuous vibrations with a PPV of approximately 0.2 ips is considered annoying. For context, heavier pieces of construction equipment, such as a bulldozer that may be expected on the project site, have peak particle velocities of approximately 0.089 ips or less at a reference distance of 25 feet (DOT 2006).

Groundborne vibration attenuates rapidly, even over short distances. The attenuation of groundborne vibration as it propagates from source to receptor through intervening soils and rock strata can be estimated with expressions found in FTA and Caltrans guidance. By way of example, for a bulldozer operating on-site and as close as the northern project boundary (i.e., 310 feet from the nearest occupied property), the estimated vibration velocity would be 0.0006 ips per the equation as follows (FTA 2006):

$$PPV_{rcvr} = PPV_{ref} * (25/D)^{1.5} = 0.002 = 0.089 * (25/310)^{1.5}$$

In the above equation, $PPV_{rcvr}$ is the predicted vibration velocity at the receiver position, $PPV_{ref}$ is the reference value at 25 feet from the vibration source (the bulldozer), and D is the actual horizontal distance to the receiver. Therefore,

1 Because noise levels are summed in the energy (that is, the logarithmic) domain, a noise level that is 10 decibels or more lower than another noise level becomes negligible, because the sound energy from the higher noise source is completely dominant.

at this predicted PPV, the impact of vibration-induced annoyance to occupants of nearby existing homes would be less than significant.

Construction vibration, at sufficiently high levels, can also present a building damage risk. However, anticipated construction vibration associated with the proposed project would yield a maximum amplitude of 0.002 ips, which does not surpass the guidance limit of 0.2 to 0.3 ips PPV for preventing damage to residential structures (Caltrans 2020). Because the predicted vibration level at 310 feet is less than this guidance limit, the risk of vibration damage to nearby structures is considered less than significant.

Once operational, the proposed project would not be expected to feature major producers of groundborne vibration. Anticipated mechanical systems like heating, ventilation, and air-conditioning units are designed and manufactured to feature rotating (fans, motors) and reciprocating (compressors) components that are well-balanced with isolated vibration within or external to the equipment casings. On this basis, potential vibration impacts due to proposed project operation would be **less than significant**.

*C) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?*

There are no private airstrips within the vicinity of the project site. The closest airport to the proposed project site is the Gillespie Field regional airport, approximately 1.5 miles west of the project boundary. According to the Gillespie Field Community Relations Traffic Pattern Review Appendix C: Noise Analysis, the project falls outside the studied noise contours. Impacts would be **less than significant.**

# 6 Summary of Findings

This noise report was conducted for the proposed project. The results indicate that potential impacts during construction would **be less than significant**; nevertheless, best practices that incorporate construction noise reduction techniques would be incorporated into the project construction process. Noise impacts due to operation of the proposed project (including traffic noise) would be **less than significant**. No noise and vibration mitigation measures are anticipated at this time.

# 7 References Cited


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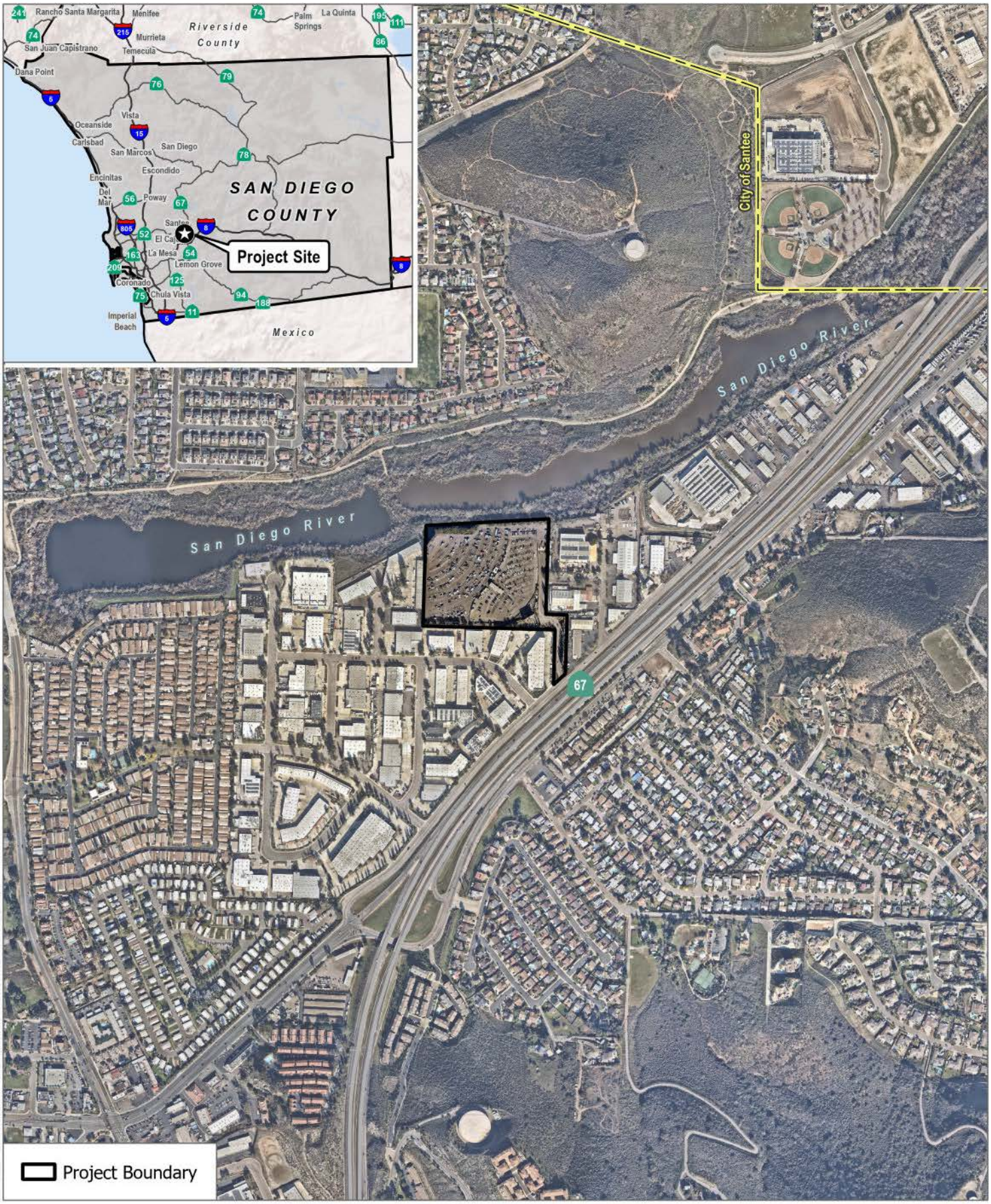



SOURCE: SanGIS, Open Street Maps

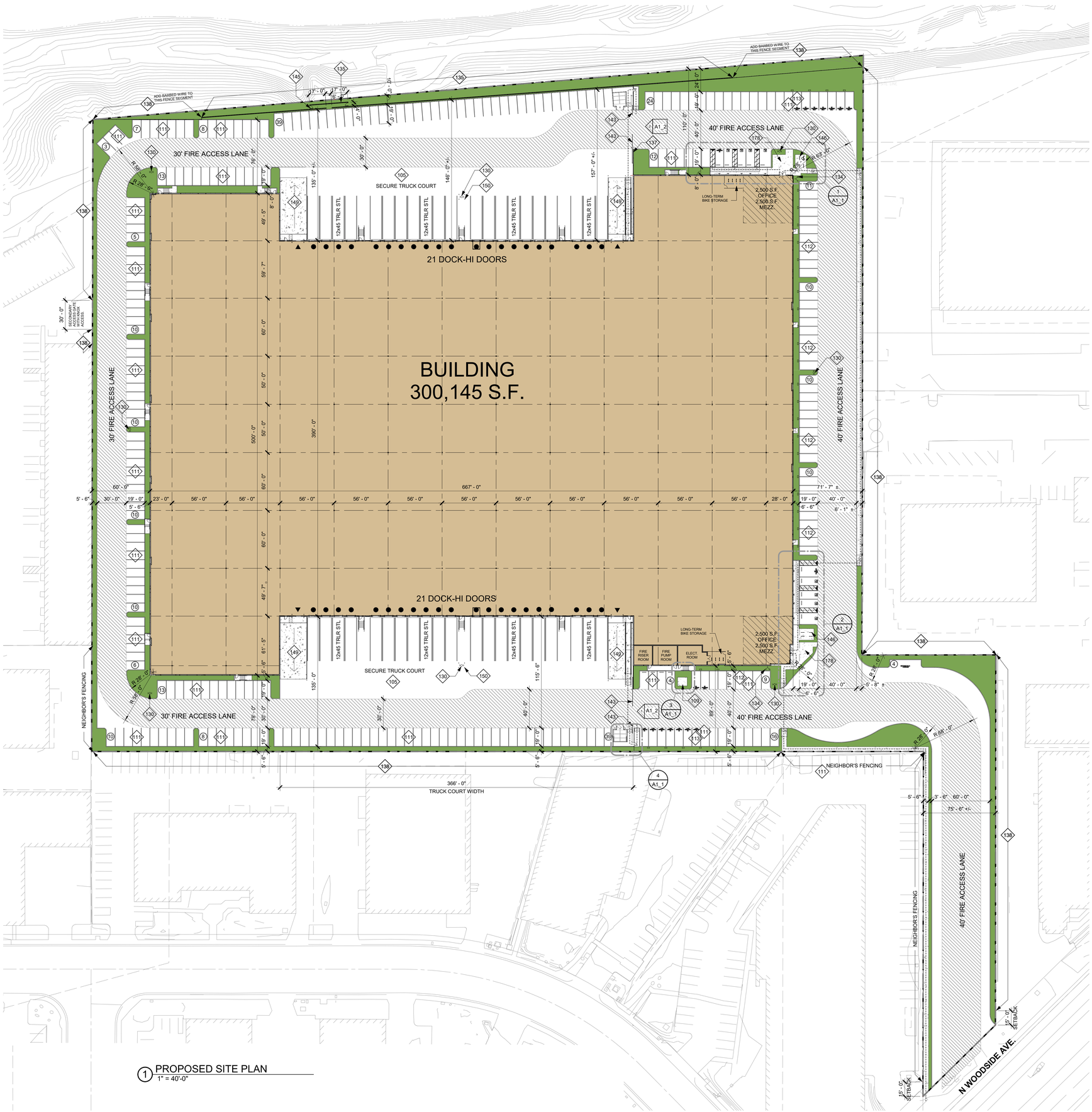
DUDEK

0 250 500 Feet

**FIGURE 1**

Project Location

Palisades Santee Commerce Center Project




1 PROPOSED SITE PLAN
1" = 40'-0"

## DEVELOPER/OWNER

NORTH PALISADE PARTNERS
1330 FACTORY PLACE #105, LOS ANGELES, CA 90013
CONTACT: BRIAN WONG
PHONE: 310.242.1612
EMAIL: BRIAN.WONG@NORTHPALISADE.COM
WEBSITE: WWW.NORTHPALISADE.COM

## APPLICANT'S REPRESENTATIVE/ARCHITECT

HERDMAN ARCHITECTURE & DESIGN, INC.
100 BAYVIEW CIRCLE SUITE 100
NEWPORT BEACH, CA 92660
CONTACT: BRIDGET HERDMAN
PHONE: 714.389.2600
EMAIL: PROJECTADMIN@HERDMAN-AD.COM

## SCOPE OF WORK

CONSTRUCT NEW ONE STORY + MEZZANINE CONCRETE TILT-UP WAREHOUSE/DISTRIBUTION FACILITY WITH ELECTRICAL AND PLUMBING SERVICES, EXTERIOR LIGHTING, LANDSCAPING & IRRIGATION, TRASH ENCLOSURES, CONCRETE SCREEN WALLS, AND SLIDING/SWINGING METAL GATES. FIRE SPRINKLER AND GRADING PLANS TO BE A SEPARATE SUBMITTAL AND PERMIT

## LEGAL DESCRIPTION & ZONING

LEGAL DESCRIPTION: SEE CIVIL

ASSESSOR'S PARCEL NO: 381-070-52-00

## PROJECT INFORMATION & AREA ANALYSIS

**BUILDING ADDRESS:** 10990 WOODSIDE AVE. SANTEE, CA 92071
CONSTRUCTION TYPE: III-B
OCCUPANCY: B / S-1
FIRE SPRINKLER: YES (ESFR NFPA 72, NFPA 13 & NFPA 24)
CLEAR HEIGHT: 36'

**ZONING:**
GENERAL PLAN: G-I (NERAL INDUSTRIAL)
SPECIFIC PLAN: N/A
FEMA FLOOD ZONE: NO FLOOD ZONE

**BUILDING SETBACKS:**
FRONT SETBACK: 15'
SIDE SETBACK: 5'
REAR SETBACK: NONE

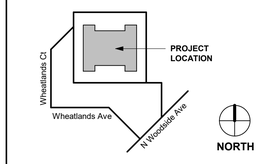
**ALLOWABLE AREA:**
UNLIMITED AREA PER CBC 507 PER TABLE 506.2

## SHEET INDEX


**A0** TITLE SHEET
**A1** SITE PLAN
**A1_0** SITE UTILIZATION MAP
**A1_1** ENLARGED PARTIAL SITE PLANS
**A1_2** GATE & FENCE ELEVATION
**A2** GROUND LEVEL FLOOR PLANS
**A4** EXTERIOR ELEVATIONS
**A5** EXTERIOR ELEVATION COLOR BOARD

**C1** CONCEPTUAL GRADING PLAN
**C2** CONCEPTUAL UTILITY PLAN
**L-1** LANDSCAPING PLAN
**L-2** LANDSCAPING PLAN - COLOR
**FC-1.0** SITE PHOTOMETRIC PLAN


## VICINITY MAP




## SITE PLAN GENERAL NOTES

1. THE SITE PLAN SHALL MEET ALL ENGINEERING & NPDES REQUIREMENTS.
2. GENERAL CONTRACTOR TO REVIEW THE SOILS REPORT AND ALL AMENDMENTS LISTED ON THE TITLE SHEET AND FOLLOW ALL RECOMMENDATIONS.
3. U.O.N., ALL DIMENSIONS TO CONCRETE WALLS AND CURBS ARE EITHER TO THE CENTER (SHOWN WITH A CENTERLINE) OR FACE OF THE WALL OR CURB. ALL DIMENSIONS TO FRAMED WALLS ARE EITHER TO THE CENTER LINE OF THE WALL FRAMING (SHOWN WITH A CENTERLINE) OR THE FACE OF THE WALL FINISH.
4. REFER TO CIVIL, AND MEP PLANS TO CONFIRM UTILITY INFORMATION SHOWN ON THE ARCHITECT'S SITE PLAN AND FOR ADDITIONAL UTILITY INFORMATION. GENERAL CONTRACTOR TO COORDINATE ALL POINTS OF CONNECTION.
5. REFER TO CIVIL DRAWINGS FOR ALL FINISHED GRADES AND SLOPES. ALL FINISHED GRADES TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING. GENERAL CONTRACTOR TO FIELD VERIFY.
6. ALL ACCESSIBLE ROUTES IDENTIFIED ON THE SITE PLAN DRAWINGS SHALL CONFORM TO THE FOLLOWING:
   a) SLOPES IN THE DIRECTION OF TRAVEL DO NOT EXCEED 5%. CROSS SLOPES DO NOT EXCEED 2%.
   b) THE CLEAR WIDTH OF ALL WALKWAYS IS 4'-0" MIN.
   c) CHANGES IN LEVEL UP TO 1/2" COMPLY w/ 11/A0.2.1. CHANGES IN LEVEL GREATER THAN 1/2" IF THEY OCCUR ARE RAMPED. SEE PLANS.
   d) THE VERTICAL CLEARANCE ALONG THE ACCESSIBLE ROUTE IS 80" MIN.
7. ALL PAVED AND LANDSCAPED AREAS TO BE BOUND BY A MIN. 6" HIGH, 6" WIDE CONCRETE CURB U.O.N.
8. A CONCRETE MOW STRIP EXTENDING 12" BEYOND EA END OF THE OPENING SHALL BE PROVIDED @ ALL EXTERIOR GLAZING WHERE THE SILL IS WITHIN 3' VERTICAL OF THE FINISHED GRADE. SEE 2/AD1.1
10. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY UTILITY COMPANIES AND OR FIRE AUTHORITIES AT ALL EXTERIOR ELECTRICAL EQUIPMENT AND FIRE PREVENTION DEVICES. IF PIPE BOLLARD PROTECTION POST DETAILS ARE NOT PROVIDED BY UTILITY COMPANIES AND OR FIRE AUTHORITY SEE DETAIL 3/AD1.1
11. ALL EXPOSED BIORETENSION DEVICE COVERINGS SHALL BE PAINTED FOREST GREEN.
12. WHERE OCCURS, GENERAL CONTRACTOR TO PROVIDE FLUID APPLIED DAMP PROOFING AT ALL RETAINING AND PLANTER WALLS WHERE THE SIDE OF THE WALL OPPOSITE THE SOIL SIDE IS EXPOSED TO VIEW AND ALL EXTERIOR WALLS WHERE THE ADJACENT FLOOR SLAB IS BELOW GRADE. SEE 6/AD1.2
13. PROVIDE A HOSE BIB NEAR THE MAIN ENTRANCE AND IN THE TRASH ENCLOSURE. SEE PLAN FOR LOCATION.

## KEYNOTES

105 CONCRETE PAVING.
109 (N) TRANSFORMER LOCATION.
111 TYP U.O.N., STANDARD PARKING STALL. 9'-0" WIDE x 19'-0" DEEP.
112 EV (ELECTRIC VEHICLE) CAPABLE PARKING STALL. PROVIDE FOR FUTURE EVSE (ELECTRIC VEHICLE SUPPLY EQUIPMENT). MATCH STANDARD STALL SIZE
113 EVCS (ELECTRIC VEHICLE CHARGING STATION). PROVIDE EVSE (ELECTRIC VEHICLE SUPPLY EQUIPMENT). MATCH STANDARD STALL SIZE.
130 (N) FIRE HYDRANT.
134 FIRE DEPARTMENT CONNECTION (FDC).
135 CONCRETE TILT-UP SCREEN WALL. MIN HEIGHT X'ABOVE HIGHEST ADJACENT FINISHED GRADE. PAINT BOTH SIDES AND TOP OF WALL. SEE PLANS FOR COLOR SCHEDULE.
137 TUBE STEEL FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE.
138 CHAIN LINK FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE.
143 PAINTED STEEL ROLLING GATE(S). MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE OR AS SHOWN ON EXTERIOR ELEVATIONS. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY.
145 PAINTED STEEL SWINGING PEDESTRIAN GATE. WHEN OCCURS IN TUBE STEEL FENCE, ALIGN TOP w/ FENCE HEIGHT. WHEN OCCURS IN CONCRETE SCREEN WALL, U.O.N., ALIGN TOP w/ SCREEN WALL. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY.
146 2 POSITION BIKE RACK.
149 CONCRETE TRUCK RAMP w/ 42" HIGH CONCRETE TILT-UP GUARD ON OPEN SIDE(S). PAINT ALL SIDES OF GUARD WALLS AND HANDRAILS.SEE ARCHITECTURAL DRAWINGS FOR COLOR SCHEDULE.
150 STEEL PIPE BOLLARD PROTECTION POST.
178 OUTDOOR EMPLOYEE BREAK AREA.

## LOT AREA

| SQUARE FOOTAGE | ACRES |
|---|---|
| 587730 SF | 13.49 |

## FLOOR AREA RATIO

| BUILDING AREA | SITE AREA | FAR ALLOWABLE | FAR PROVIDED |
|---|---|---|---|
| 300145 SF | 587730 SF | 100% | 51.1% |

## BUILDING AREA SUMMARY

| NAME | AREA |
|---|---|
| GROUND FLOOR | |
| WAREHOUSE | 290145 SF |
| OFFICE | 2500 SF |
| OFFICE | 2500 SF |
| | 295145 SF |
| MEZZANINE | |
| OFFICE | 5000 SF |
| | 5000 SF |
| GROUND LEVEL + MEZZANINE | |
| WAREHOUSE | 290145 SF |
| OFFICE | 10000 SF |
| TOTAL BUILDING AREA | 300145 SF |

## LANDSCAPE AREA SUMMARY

| OFF-STREET PARKING AREA | % LANDSCAPING REQUIRED | AREA LANDSCAPING PROVIDED | % LANDSCAPING PROVIDED |
|---|---|---|---|
| 51471 SF | 10% | 52041 SF | 101.1% |

## TOTAL PARKING REQUIRED

| BUILDING USE | BUILDING AREA | PARKING RATIO 1/X | REQ. PARKING |
|---|---|---|---|
| OFFICE | 10000 SF | 1000 | 11 |
| WAREHOUSE | 290145 SF | 1000 | 291 |
| TOTAL: 4 | 300145 SF | | 302 |

## REQUIRED PARKING BREAKDOWN

| SPACE TYPE | SPACES REQUIRED |
|---|---|
| STANDARD STALLS | 230 |
| STANDARD ACCESSIBLE STALLS | 6 |
| VAN ACCESSIBLE STALLS | 2 |
| EV CAPABLE STALL (w/o EVSE) | 45 |
| EVCS (EV CAPABLE STALL w/ EVSE) | 16 |
| STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| TOTAL | 301 |

## PARKING PROVIDED

| SPACE TYPE | SPACES PROVIDED |
|---|---|
| STANDARD STALLS | 230 |
| STANDARD ACCESSIBLE STALLS | 6 |
| VAN ACCESSIBLE STALLS | 2 |
| EV CAPABLE STALL (w/o EVSE) | 45 |
| EVCS (EV CAPABLE STALL w/ EVSE) | 16 |
| STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| TOTAL | 301 |

## SITE LEGEND

- LANDSCAPE AREA
- CONCRETE PAVING WHEN OCCURS @ PARKING AREAS, DRIVE AISLES, & OR TRUCK COURT. SEE CIVIL DRAWINGS FOR PAVING SECTIONS
- FIRE HYDRANT. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY THE FIRE AUTHORITY. SEE 3/AD1.1
- STREET LIGHT
- INDICATES AN ACCESSIBLE ROUTE. MUST COMPLY w/ SITE PLAN GENERAL NOTE #6
- PROPERTY LINE
- DOCK HIGH DOOR
- DRIVE THRU. DOOR

**PROJECT**
PALISADE SANTEE COMMERCE CENTER
SANTEE, CA
3rd PLANNING SUBMITTAL

NORTH PALISADE PARTNERS

HERDMAN ARCHITECTURE + DESIGN
A22-2164
12.27.2023

SITE PLAN

NORTH

A1

12/27/2023 9:34:31 AM

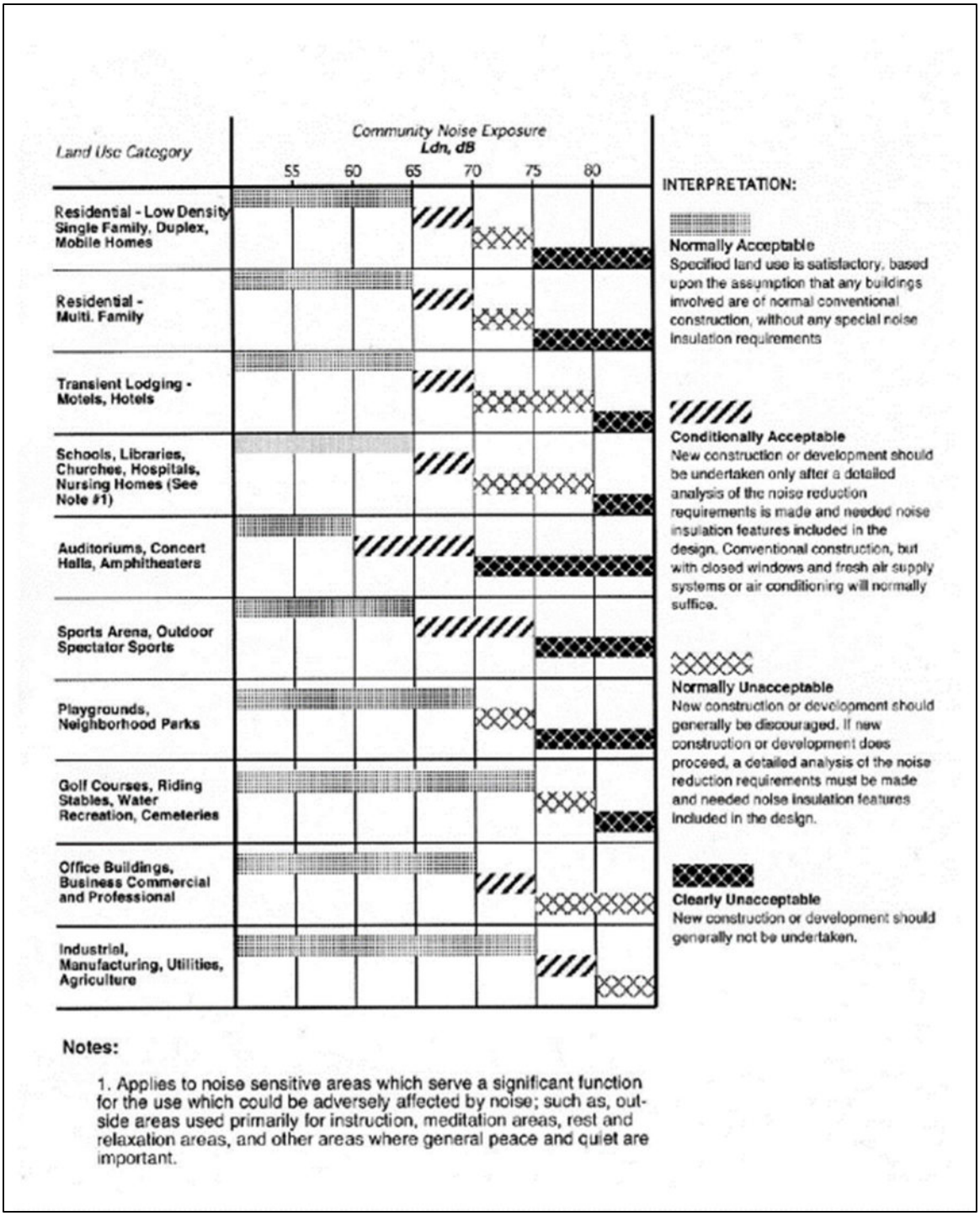



Figure 3 City of Santee Noise / Land Use Compatibility Guide



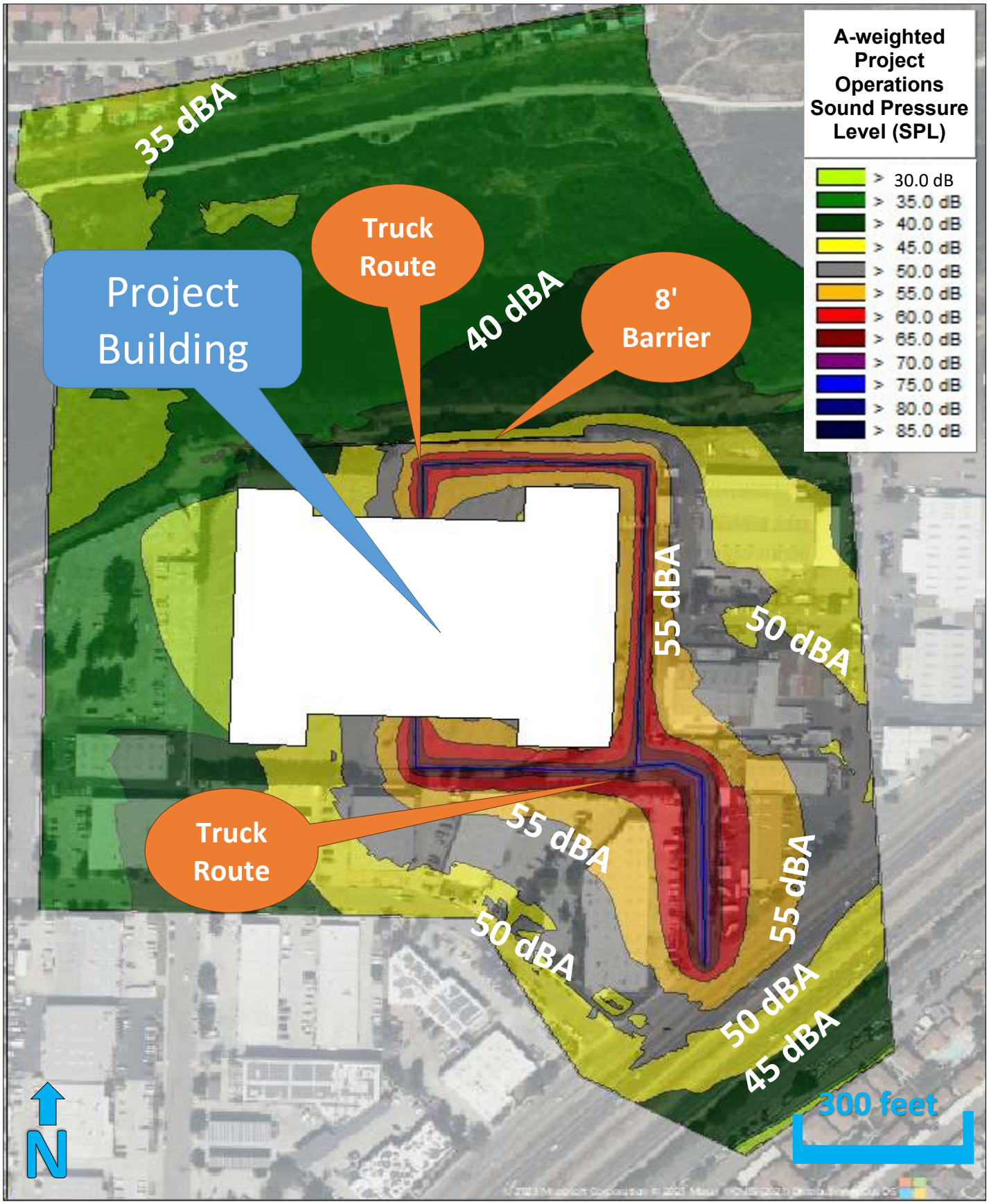

SOURCE: Google 2024; Dudek 2024

DUDEK

**FIGURE 4**

**Noise Measurement Locations**

Palisades Santee Commerce Center Project



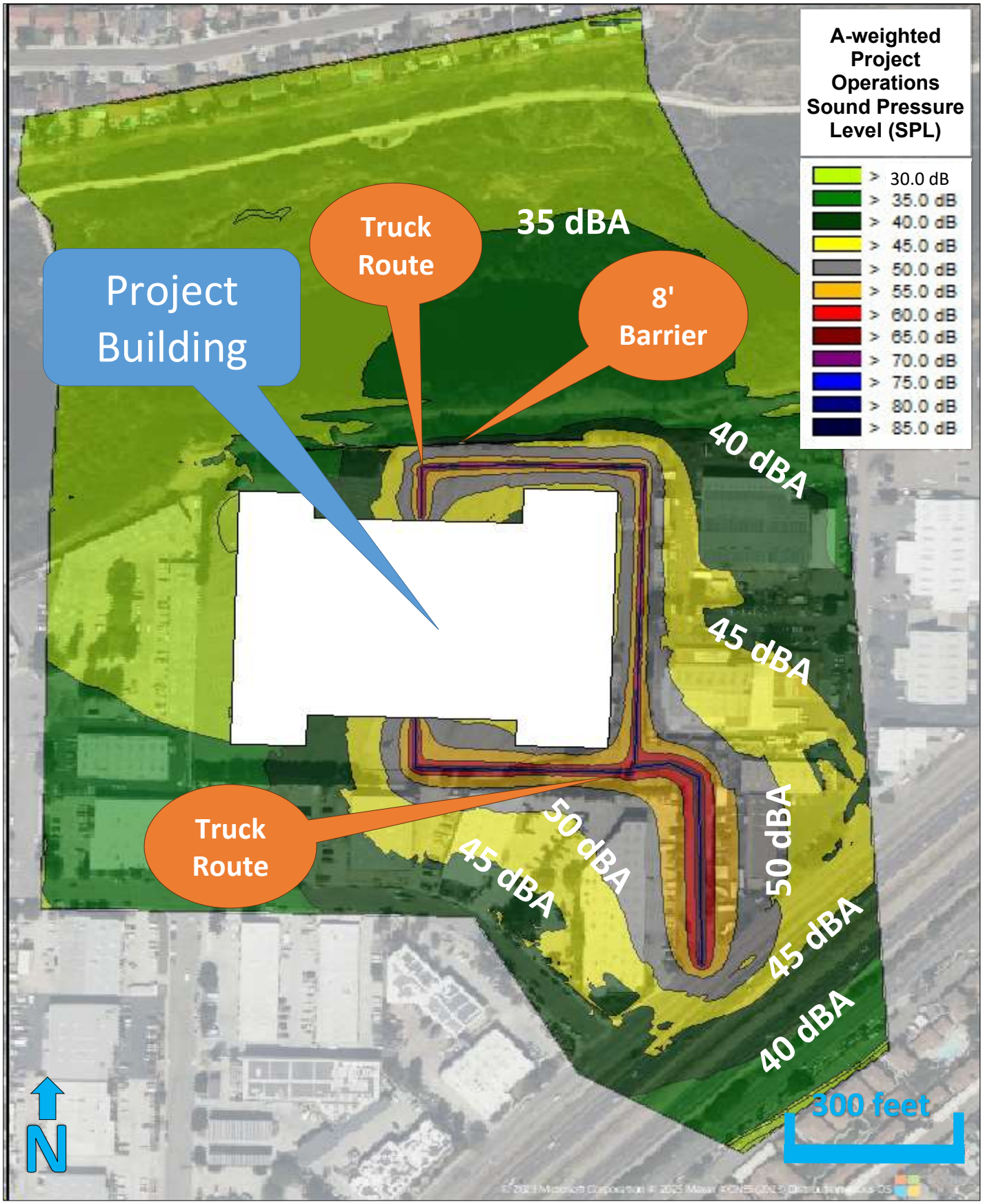

SOURCE: Microsoft 2024; Dudek 2024

DUDEK

**FIGURE 5**

**Predicted Daytime Onsite Operations Noise Contours ($L_{eq}$)**

Palisades Santee Commerce Center Project




SOURCE: Microsoft 2024; Dudek 2024

DUDEK

**FIGURE 6**

**Predicted Nighttime Onsite Operations Noise Contours ($L_{eq}$)**

Palisades Santee Commerce Center Project

# Appendix A

Baseline Noise Measurement Field Data

# FORMS FIELD DATA REPORT

| Bio Field Data | |
|---|---|
| ID | 28772 |
| Date | 2023-03-25 |
| Biologist | Kristopher Jerpseth |
| Project | 1M Warehouse |
| Survey Area | Entire Site |
| Survey Type | Ambient noise monitoring |
| Time | 8:00 AM–11:00 AM |
| Conditions | 64–72°F; 0–20% cloud cover; 1–4 mph wind |
| Visit Type | |
| Notes | BM Kris Jerpseth areived at Santee warehouse project at 0800, using SN 2606 piccolo II noise meter.<br>It took some time to get correct coordinates, starting at the wrong side of the highway then doubling back to Site 1. Swap meet, the highway and many planes flying overhead were the main source of noise.<br><br>Site 1,<br>Meter set up in front of apartment complex highway<br>0900 start, recording 364, 76.8 dB<br>100 cars counted in less than a minute and a half.<br><br>Site 2, 0920 start, recording 368, 55.6 dB<br>Airplane overhead at 0922, 0926, 0932,<br><br>Site 4, 0944 start, recording 372, 53.1 dB<br>Airplane overhead at 0947, 0948, 0952, 0956, 0957, 0958, 0959.<br><br>Site 3, 1020 start, recording 377, 60.3 dB<br>Airplane overhead at 1023, 1032, cars passed on road ahead of meter after selling wares at swap meet.<br>BM collected equipment and left at 1100. |
| Number of Nests Observed | 0 |

| Photos | |
|---|---|
| **ID** | **S28772** |
| Type | Photo |
| Photo |  |
| Description | Front shot of noise meter site 3 |
| **ID** | **S28772** |
| Type | Photo |
| Photo |  |
| Description | Site 3, in front of drive-in theater screen, cars leaving from swap meet consistently passed by meter. |

| ID | S28772 |
| --- | --- |
| Type | Photo |
| Photo |  |
| Description | Site 4, on nearby na:ure trail path, main noise source was airplanes. |

| ID | S28772 |
| --- | --- |
| Type | Photo |
| Photo |  |
| Description | Site 2 location, in quiet neighborhood, main noise source was airplanes. |

| ID | S28772 |
| --- | --- |
| Type | Photo |
| Photo |  |
| Description | Site 1, meter set up near highway as site 1 was in front of a busy apartment, entering and exiting cars and many pedestrians on sidewalk |

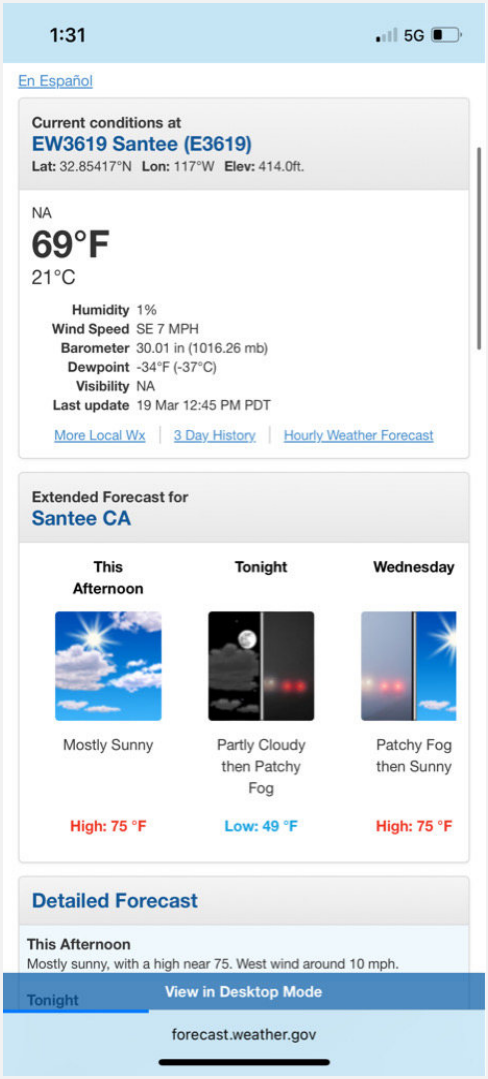
# FORMS FIELD DATA REPORT

## Field Noise Measurement Data

| Record: 1869 | |
|---|---|
| **Project Name** | *Palisades Santee Warehouse (Daytime)* |
| **Project #** | *15138* |
| **Observer(s)** | |
| **Date** | *2024-03-19* |

## Meteorological Conditions

**Upload NOAA Forecast**



| | |
|---|---|
| **Temp (F)** | *69* |
| **Humidity % (R.H.)** | *1* |
| **Wind** | *Calm* |
| **Wind Speed (MPH)** | *7* |
| **Wind Direction** | *South East* |
| **Sky** | *Clear* |

| **Monitoring** | |
|---|---|
| **Record #** | *1* |
| **Site ID** | *ST2* |
| **Site Location Lat/Long** | *32.850269, -116.962226* |
| **Begin (Time)** | *13:14:00* |
| **End (Time)** | *14:14:00* |
| **Leq** | *53.8* |
| **Lmax** | *75.5* |
| **Lmin** | *39.6* |
| **Other Lx?** | *L90, L50, L10* |
| **L90** | *44.2* |
| **L50** | *46.5* |
| **L10** | *50.8* |
| **Other Lx (Specify Metric)** | *L* |
| **Primary Noise Source** | *Traffic* |
| **Other Noise Sources (Background)** | *Birds, Distant Aircraft, Distant Conversations / Yelling, Distant Traffic* |

| | |
|---|---|
| **Other Noise Sources Additional Description** | *People walking on trail* |
| **Is the same instrument and calibrator being used as previously noted?** | *No* |
| **Are the meteorological conditions the same as previously noted?** | *Yes* |

## Description / Photos

| | |
|---|---|
| **Terrain** | *Mixed* |

## Site Photos

**Photo**



| | |
|---|---|
| **Comments / Description** | *Facing N* |

| **Site Photos** | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing S* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing E* |

## Instrument and Calibration Info

| | |
|---|---|
| **Instrument Name List** | *(ENC) Piccolo #1008* |
| **Instrument Name** | *(ENC) Piccolo #1008* |
| **Instrument Name Lookup Key** | *(ENC) Piccolo #1008* |

| | |
|---|---|
| **Manufacturer** | *Soft dB* |
| **Model** | *Piccolo* |
| **Serial Number** | *221082606* |
| **Calibration Date** | |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name Lookup Key** | *(SAC) Rion NC-74* |
| **Calibrator Manufacturer** | *Rion* |
| **Calibrator Model** | *NC-74* |
| **Calibrator Serial #** | *34167529* |
| **Pre-Test (dBA SPL)** | *93.4* |
| **Post-Test (dBA SPL)** | *94* |
| **Windscreen** | *Yes* |
| **Weighting?** | *A-WTD* |
| **Slow/Fast?** | *Slow* |
| **ANSI?** | *Yes* |

| **Monitoring** | |
|---|---|
| **Record #** | *2* |
| **Site ID** | *ST4* |
| **Site Location Lat/Long** | *32.849985, -116.961539* |
| **Begin (Time)** | *13:22:00* |

| | |
|---|---|
| **End (Time)** | *14:22:00* |
| **Leq** | *54.1* |
| **Lmax** | *75.4* |
| **Lmin** | *41* |
| **Other Lx?** | *L90, L50, L10* |
| **L90** | *45.1* |
| **L50** | *47.3* |
| **L10** | *50.2* |
| **Other Lx (Specify Metric)** | *L* |
| **Primary Noise Source** | *Traffic* |
| **Other Noise Sources (Background)** | *Birds, Distant Aircraft, Distant Conversations / Yelling, Distant Industrial, Distant Traffic, Rustling Leaves* |
| **Is the same instrument and calibrator being used as previously noted?** | *No* |
| **Are the meteorological conditions the same as previously noted?** | *Yes* |

## Description / Photos

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing S* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing E* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing N* |

| **Instrument and Calibration Info** | |
|---|---|
| **Instrument Name List** | *(ENC) Piccolo #1008* |
| **Instrument Name** | *(ENC) Piccolo #1008* |
| **Instrument Name Lookup Key** | *(ENC) Piccolo #1008* |
| **Manufacturer** | *Soft dB* |

| | |
|---|---|
| **Model** | *Piccolo* |
| **Serial Number** | *223020804* |
| **Calibration Date** | |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name Lookup Key** | *(SAC) Rion NC-74* |
| **Calibrator Manufacturer** | *Rion* |
| **Calibrator Model** | *NC-74* |
| **Calibrator Serial #** | *34167529* |
| **Pre-Test (dBA SPL)** | *94.2* |
| **Post-Test (dBA SPL)** | *94* |
| **Windscreen** | *Yes* |
| **Weighting?** | *A-WTD* |
| **Slow/Fast?** | *Slow* |
| **ANSI?** | *Yes* |

| **Monitoring** | |
|---|---|
| **Record #** | *3* |
| **Site ID** | *ST5* |
| **Site Location Lat/Long** | *32.850838, -116.959550* |
| **Begin (Time)** | *13:29:00* |
| **End (Time)** | *14:29:00* |

| | |
|---|---|
| **Leq** | *55.2* |
| **Lmax** | *75.9* |
| **Lmin** | *41.5* |
| **Other Lx?** | *L90, L50, L10* |
| **L90** | *45.7* |
| **L50** | *48* |
| **L10** | *51.5* |
| **Other Lx (Specify Metric)** | *L* |
| **Primary Noise Source** | *Traffic* |
| **Other Noise Sources (Background)** | *Birds, Distant Aircraft, Distant Conversations / Yelling, Distant Industrial, Distant Traffic, Rustling Leaves* |
| **Is the same instrument and calibrator being used as previously noted?** | *No* |
| **Are the meteorological conditions the same as previously noted?** | *Yes* |

| **Description / Photos** | |
|---|---|
| **Terrain** | *Mixed* |

| **Site Photos** | |
|---|---|
| | |

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing S* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing E* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing N* |

| **Instrument and Calibration Info** | |
|---|---|
| **Instrument Name List** | *(ENC) Piccolo #1008* |
| **Instrument Name** | *(ENC) Piccolo #1008* |
| **Instrument Name Lookup Key** | *(ENC) Piccolo #1008* |
| **Manufacturer** | *Soft dB* |

| | |
|---|---|
| **Model** | *Piccolo* |
| **Serial Number** | *223020805* |
| **Calibration Date** | |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name Lookup Key** | *(SAC) Rion NC-74* |
| **Calibrator Manufacturer** | *Rion* |
| **Calibrator Model** | *NC-74* |
| **Calibrator Serial #** | *34167529* |
| **Pre-Test (dBA SPL)** | *93* |
| **Post-Test (dBA SPL)** | *94* |
| **Windscreen** | *Yes* |
| **Weighting?** | *A-WTD* |
| **Slow/Fast?** | *Slow* |
| **ANSI?** | *Yes* |

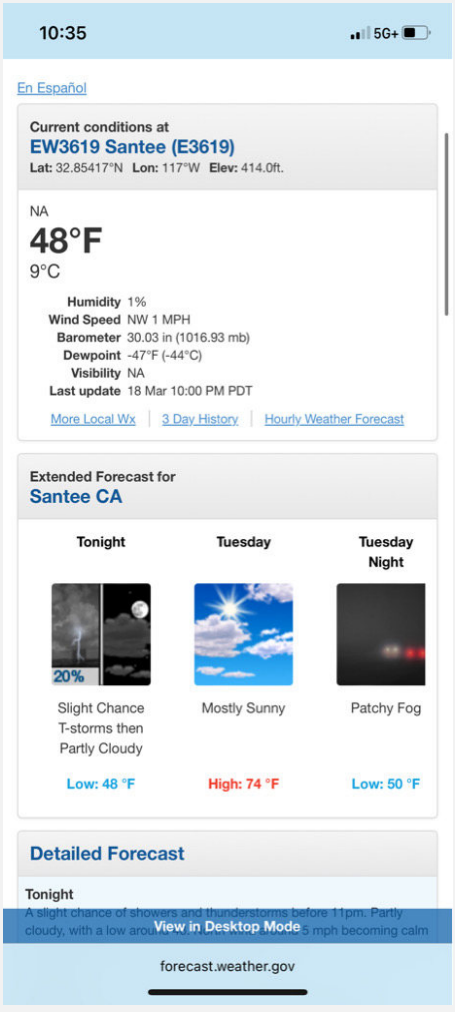
# FORMS FIELD DATA REPORT

## Field Noise Measurement Data

| Record: 1866 | |
|---|---|
| **Project Name** | *Palisades Santee Warehouse (Nighttime)* |
| **Project #** | *15138* |
| **Observer(s)** | |
| **Date** | *2024-03-18* |
| **Comments** | |

## Meteorological Conditions

**Upload NOAA Forecast**



| | |
|---|---|
| **Temp (F)** | *48* |
| **Humidity % (R.H.)** | *1* |
| **Wind** | *Calm* |
| **Wind Speed (MPH)** | *1* |
| **Wind Direction** | *North West* |
| **Sky** | *Partly Cloudy* |

| **Instrument and Calibrator Information** | |
|---|---|
| **Instrument Name List** | *(ENC) Piccolo #1008* |
| **Instrument Name** | *(ENC) Piccolo #1008* |
| **Instrument Name Lookup Key** | *(ENC) Piccolo #1008* |
| **Manufacturer** | *Soft dB* |
| **Model** | *Piccolo* |
| **Serial Number** | *22300200805* |
| **Calibration Date** | |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name Lookup Key** | *(SAC) Rion NC-74* |
| **Calibrator Manufacturer** | *Rion* |
| **Calibrator Model** | *NC-74* |
| **Calibrator Serial #** | *34167529* |
| **Pre-Test (dBA SPL)** | *95.1* |
| **Post-Test (dBA SPL)** | *94* |

| | |
|---|---|
| **Windscreen** | *Yes* |
| **Weighting?** | *A-WTD* |
| **Slow/Fast?** | *Slow* |
| **ANSI?** | *Yes* |

| **Monitoring** | |
|---|---|
| **Record #** | *1* |
| **Site ID** | *ST2* |
| **Site Location Lat/Long** | *32.850263, -116.962289* |
| **Begin (Time)** | *20:21:00* |
| **End (Time)** | *21:21:00* |
| **Leq** | *50.2* |
| **Lmax** | *73.9* |
| **Lmin** | *39.9* |
| **Other Lx?** | *L90, L50, L10* |
| **L90** | *47.6* |
| **L50** | *49* |
| **L10** | *50.6* |
| **Other Lx (Specify Metric)** | *L* |
| **Primary Noise Source** | *Traffic* |
| **Other Noise Sources (Background)** | *Birds, Distant Aircraft, Distant Traffic, Rustling Leaves* |
| **Is the same instrument and calibrator being used as previously noted?** | *No* |

| | |
|---|---|
| **Are the meteorological conditions the same as previously noted?** | *Yes* |

| **Description / Photos** | |
|---|---|
| **Terrain** | *Mixed* |

| **Site Photos** | |
|---|---|
| **Photo** |  |

| | |
|---|---|
| **Comments / Description** | *Facing N* |

| **Site Photos** | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing W* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing E* |

## Instrument and Calibration Info

| | |
|---|---|
| **Instrument Name List** | *(ENC) Piccolo #1008* |
| **Instrument Name** | *(ENC) Piccolo #1008* |
| **Instrument Name Lookup Key** | *(ENC) Piccolo #1008* |

| | |
|---|---|
| **Manufacturer** | *Soft dB* |
| **Model** | *Piccolo* |
| **Serial Number** | *221082606* |
| **Calibration Date** | |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name Lookup Key** | *(SAC) Rion NC-74* |
| **Calibrator Manufacturer** | *Rion* |
| **Calibrator Model** | *NC-74* |
| **Calibrator Serial #** | *34167529* |
| **Pre-Test (dBA SPL)** | *96.2* |
| **Post-Test (dBA SPL)** | *94* |
| **Windscreen** | *Yes* |
| **Weighting?** | *A-WTD* |
| **Slow/Fast?** | *Slow* |
| **ANSI?** | *Yes* |

| **Monitoring** | |
|---|---|
| **Record #** | *2* |
| **Site ID** | *ST4* |
| **Site Location Lat/Long** | *32.849999, -116.961640* |
| **Begin (Time)** | *20:28:00* |

| | |
|---|---|
| **End (Time)** | *21:28:00* |
| **Leq** | *50.5* |
| **Lmax** | *64.1* |
| **Lmin** | *40.7* |
| **Other Lx?** | *L90, L50, L10* |
| **L90** | *48* |
| **L50** | *49.6* |
| **L10** | *51.5* |
| **Other Lx (Specify Metric)** | *L* |
| **Primary Noise Source** | *Traffic* |
| **Other Noise Sources (Background)** | *Birds, Distant Aircraft, Distant Traffic* |
| **Other Noise Sources Additional Description** | *Frogs* |
| **Is the same instrument and calibrator being used as previously noted?** | *No* |
| **Are the meteorological conditions the same as previously noted?** | *Yes* |

## Description / Photos

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing S* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing E* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing W* |

| **Instrument and Calibration Info** | |
|---|---|
| **Instrument Name List** | *(ENC) Piccolo #1008* |
| **Instrument Name** | *(ENC) Piccolo #1008* |
| **Instrument Name Lookup Key** | *(ENC) Piccolo #1008* |
| **Manufacturer** | *Soft dB* |

| | |
|---|---|
| **Model** | *Piccolo* |
| **Serial Number** | *223020804* |
| **Calibration Date** | |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name** | *(SAC) Rion NC-74* |
| **Calibrator Name Lookup Key** | *(SAC) Rion NC-74* |
| **Calibrator Manufacturer** | *Rion* |
| **Calibrator Model** | *NC-74* |
| **Calibrator Serial #** | *34167529* |
| **Pre-Test (dBA SPL)** | *94.8* |
| **Post-Test (dBA SPL)** | *94* |
| **Windscreen** | *Yes* |
| **Weighting?** | *A-WTD* |
| **Slow/Fast?** | *Slow* |
| **ANSI?** | *Yes* |

| **Monitoring** | |
|---|---|
| **Record #** | *3* |
| **Site ID** | *ST5* |
| **Site Location Lat/Long** | *32.850771, -116.959652* |
| **Begin (Time)** | *20:40:00* |
| **End (Time)** | *21:40:00* |

| | |
|---|---|
| **Leq** | *51.2* |
| **Lmax** | *58.2* |
| **Lmin** | *43.8* |
| **Other Lx?** | *L90, L50, L10* |
| **L90** | *49.1* |
| **L50** | *50.6* |
| **L10** | *52.1* |
| **Other Lx (Specify Metric)** | *L* |
| **Primary Noise Source** | *Traffic* |
| **Other Noise Sources (Background)** | *Distant Aircraft, Distant Traffic* |
| **Other Noise Sources Additional Description** | *Frogs* |
| **Is the same instrument and calibrator being used as previously noted?** | *Yes* |
| **Are the meteorological conditions the same as previously noted?** | *Yes* |

| **Description / Photos** | |
|---|---|
| **Terrain** | *Mixed* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing S* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing E* |

## Site Photos

| | |
|---|---|
| **Photo** |  |
| **Comments / Description** | *Facing N* |

# Appendix B

Construction Noise Modeling Input and Output

*To User: bordered cells are inputs, unbordered cells have formulae*

noise level limit for construction phase at occupied building, per FTA guidance = 90
allowable hours over which Leq is to be averaged = 8

| Construction Activity | Equipment | Total Equipment Qty | AUF % (from FHWA RCNM) | Reference Lmax @ 50 ft. from FHWA RCNM | Client Equipment Description, Data Source and/or Notes | Source to NSR Distance (ft.) | *Temporary Barrier Insertion Loss (dB)* | *Additional Noise Reduction* | Distance-Adjusted Lmax | Allowable Operation Time (hours) | Allowable Operation Time (minutes) | Predicted 8-hour Leq | Source Elevation (ft) | Receiver Elevation (ft) | Barrier Height (ft) | Source to Barr. ("A") Horiz. (ft) | Rcvr. to Barr. ("B") Horiz. (ft) | Source to Rcvr. ("C") Horiz. (ft) | "A" (ft) | "B" (ft) | "C" (ft) | Path Length Diff. "P" (ft) | Abarr (dB) | ILbarr (dB) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | Concrete Saw | 1 | 20 | 90 | | 310 | 0.0 | | 69.7 | 8 | 480 | 63 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | excavator | 3 | 40 | 81 | | 310 | 0.0 | | 60.7 | 8 | 480 | 61 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | dozer | 2 | 40 | 82 | | 310 | 0.0 | | 61.7 | 8 | 480 | 61 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Demolition Phase: | | | **66.5** | | | | | | | | | | | | | |
| Site Preparation | dozer | 3 | 40 | 82 | | 310 | 0.0 | | 61.7 | 8 | 480 | 62 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | backhoe | 4 | 40 | 78 | | 310 | 0.0 | | 57.7 | 8 | 480 | 60 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Site Preparation Phase: | | | **64.3** | | | | | | | | | | | | | |
| Grading | excavator | 2 | 40 | 81 | | 310 | 0.0 | | 60.7 | 8 | 480 | 60 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | grader | 1 | 40 | 85 | | 310 | 0.0 | | 64.7 | 8 | 480 | 61 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | dozer | 1 | 40 | 82 | | 310 | 0.0 | | 61.7 | 8 | 480 | 58 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | backhoe | 2 | 40 | 78 | | 310 | 0.0 | | 57.7 | 8 | 480 | 57 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | scraper | 2 | 40 | 84 | | 310 | 0.0 | | 63.7 | 8 | 480 | 63 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Grading Phase: | | | **67.0** | | | | | | | | | | | | | |
| Building Construction | Crane | 1 | 16 | 81 | | 310 | 0.0 | | 60.7 | 7 | 420 | 52 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | Man lift | 3 | 20 | 75 | | 310 | 0.0 | | 54.7 | 8 | 480 | 52 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | Generator | 1 | 50 | 72 | | 310 | 0.0 | | 51.7 | 8 | 480 | 49 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | backhoe | 3 | 40 | 78 | | 310 | 0.0 | | 57.7 | 8 | 480 | 58 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | Welder / Torch | 1 | 40 | 73 | | 310 | 0.0 | | 52.7 | 8 | 480 | 49 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Building Construction Phase: | | | **60.8** | | | | | | | | | | | | | |
| Paving | paver | 2 | 50 | 77 | | 310 | 0.0 | | 56.7 | 8 | 480 | 57 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | roller | 2 | 20 | 80 | | 310 | 0.0 | | 59.7 | 8 | 480 | 56 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | concrete mixer truck | 1 | 40 | 79 | | 310 | 0.0 | | 58.7 | 8 | 480 | 55 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Paving Phase: | | | **60.6** | | | | | | | | | | | | | |
| Architectural Coating | compressor (air) | 1 | 40 | 78 | | 310 | 0.0 | | 57.7 | 6 | 360 | 52 | 5 | 5 | 0 | 10 | 300 | 310 | 11.2 | 300.0 | 310.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Architectural Coating Phase: | | | **52.5** | | | | | | | | | | | | | |

*To User: bordered cells are inputs, unbordered cells have formulae*

noise level limit for construction phase at occupied building, per FTA guidance = 90

allowable hours over which Leq is to be averaged = 8

| Construction Activity | Equipment | Total Equipment Qty | AUF % (from FHWA RCNM) | Reference Lmax @ 50 ft. from FHWA RCNM | Client Equipment Description, Data Source and/or Notes | Source to NSR Distance (ft.) | *Temporary Barrier Insertion Loss (dB)* | *Additional Noise Reduction* | Distance-Adjusted Lmax | Allowable Operation Time (hours) | Allowable Operation Time (minutes) | Predicted 8-hour Leq | Source Elevation (ft) | Receiver Elevation (ft) | Barrier Height (ft) | Source to Barr. ("A") Horiz. (ft) | Rcvr. to Barr. ("B") Horiz. (ft) | Source to Rcvr. ("C") Horiz. (ft) | "A" (ft) | "B" (ft) | "C" (ft) | Path Length Diff. "P" (ft) | Abarr (dB) | ILbarr (dB) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demolition | Concrete Saw | 1 | 20 | 90 | | 990 | 0.0 | | 58.5 | 8 | 480 | 51 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | excavator | 3 | 40 | 81 | | 990 | 0.0 | | 49.5 | 8 | 480 | 50 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | dozer | 2 | 40 | 82 | | 990 | 0.0 | | 50.5 | 8 | 480 | 49 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Demolition Phase: | | | **55.3** | | | | | | | | | | | | | |
| Site Preparation | dozer | 3 | 40 | 82 | | 990 | 0.0 | | 50.5 | 8 | 480 | 51 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | backhoe | 4 | 40 | 78 | | 990 | 0.0 | | 46.5 | 8 | 480 | 48 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Site Preparation Phase: | | | **53.1** | | | | | | | | | | | | | |
| Grading | excavator | 2 | 40 | 81 | | 990 | 0.0 | | 49.5 | 8 | 480 | 48 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | grader | 1 | 40 | 85 | | 990 | 0.0 | | 53.5 | 8 | 480 | 49 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | dozer | 1 | 40 | 82 | | 990 | 0.0 | | 50.5 | 8 | 480 | 46 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | backhoe | 2 | 40 | 78 | | 990 | 0.0 | | 46.5 | 8 | 480 | 45 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | scraper | 2 | 40 | 84 | | 990 | 0.0 | | 52.5 | 8 | 480 | 51 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Grading Phase: | | | **55.8** | | | | | | | | | | | | | |
| Building Construction | Crane | 1 | 16 | 81 | | 990 | 0.0 | | 49.5 | 7 | 420 | 41 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | Man lift | 3 | 20 | 75 | | 990 | 0.0 | | 43.5 | 8 | 480 | 41 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | Generator | 1 | 50 | 72 | | 990 | 0.0 | | 40.5 | 8 | 480 | 37 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | backhoe | 3 | 40 | 78 | | 990 | 0.0 | | 46.5 | 8 | 480 | 47 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | Welder / Torch | 1 | 40 | 73 | | 990 | 0.0 | | 41.5 | 8 | 480 | 37 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Building Construction Phase: | | | **49.5** | | | | | | | | | | | | | |
| Paving | paver | 2 | 50 | 77 | | 990 | 0.0 | | 45.5 | 8 | 480 | 45 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | roller | 2 | 20 | 80 | | 990 | 0.0 | | 48.5 | 8 | 480 | 44 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | concrete mixer truck | 1 | 40 | 79 | | 990 | 0.0 | | 47.5 | 8 | 480 | 43 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Paving Phase: | | | **49.3** | | | | | | | | | | | | | |
| Architectural Coating | compressor (air) | 1 | 40 | 78 | | 990 | 0.0 | | 46.5 | 6 | 360 | 41 | 5 | 5 | 0 | 10 | 980 | 990 | 11.2 | 980.0 | 990.0 | 0.00 | 0.1 | 0.0 | |
| | | | | | | | | | Total for Architectural Coating Phase: | | | **41.2** | | | | | | | | | | | | | |

# Appendix C

Traffic Noise Modeling Input and Output

## Appendix C

### Traffic Noise Modeling Calculations - Summary

**Project: 15138 Palisades Santee Warehouse**

| Number | Segment Description and Location: Name | From | To | Existing | Existing + Project | Δ Existing – Existing + Project | Near-Term | Near-Term + Project | Δ Near-Term – Near-Term + Project |
|---|---|---|---|---|---|---|---|---|---|
| **Summary of Net Changes** | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 50.38 | 61.62 | 11.24 | 50.38 | 61.62 | 11.24 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 61.82 | 61.82 | 0.00 | 61.82 | 61.82 | 0.00 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 67.76 | 69.05 | 1.29 | 68.46 | 69.58 | 1.12 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 77.40 | 77.60 | 0.20 | 77.50 | 77.70 | 0.20 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 77.15 | 77.27 | 0.12 | 77.34 | 77.46 | 0.12 |
| 6 | SR-67 | - | - | 83.50 | 83.50 | 0.00 | 84.15 | 84.15 | 0.00 |
| | | | **Aggregate Total @ 50 Feet** | **85.29** | **85.39** | **0.10** | **85.79** | **85.87** | **0.09** |
| **Project Driveway, Wheatlands Avenue, N Woodside Avenue, SR-67 Segment Aggregate Total @ 50 Feet** | | | | **83.64** | **83.71** | **0.06** | **84.29** | **84.35** | **0.05** |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C

### Traffic Noise Modeling Calculations - Summary

**Project: 15138 Palisades Santee Warehouse**

| Number | Name | Segment Description and Location From | To | Horizon 2035 | Horizon 2035 + Project | Δ Horizon 2035 – Horizon 2035 + Project |
|---|---|---|---|---|---|---|
| **Summary of Net Changes** | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 50.38 | 61.62 | 11.24 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 67.10 | 67.10 | 0.00 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 73.19 | 73.33 | 0.14 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 78.70 | 78.75 | 0.05 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 77.72 | 77.76 | 0.04 |
| 6 | SR-67 | - | - | 84.39 | 84.39 | 0.00 |
| | | | **Aggregate Total @ 50 Feet** | **86.38** | **86.41** | **0.03** |
| **Project Driveway, Wheatlands Avenue, N Woodside Avenue, SR-67 Segment Aggregate Total @ 50 Feet** | | | | **84.78** | **84.81** | **0.03** |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C

### Traffic Noise Modeling Calculations - Summary

**Project: 15138 Palisades Santee Warehouse**

| Number | Name | Segment Description and Location From | To | Existing | Existing + Construction | Δ Existing – Existing + Construction | |
|---|---|---|---|---|---|---|---|
| **Summary of Net Changes** | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 50.38 | 60.26 | 9.88 | |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 61.82 | 63.93 | 2.11 | |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 67.76 | 68.70 | 0.95 | |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 77.40 | 77.54 | 0.14 | |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 77.15 | 77.27 | 0.12 | |
| 6 | SR-67 | - | - | 83.50 | 83.55 | 0.05 | |
| | | | **Aggregate Total @ 50 Feet** | **85.29** | **85.41** | **0.12** | |
| **Project Driveway, Wheatlands Avenue, N Woodside Avenue, SR-67 Segment Aggregate Total @ 50 Feet** | | | | **83.64** | **83.76** | **0.11** | |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

# Appendix C

## Traffic Noise Model Calculations

**Project:** 15138 Palisades Santee Warehouse

**Noise Level Descriptor:** CNEL
**Site Conditions:** Soft
**Traffic Input:** ADT
**Traffic K-Factor:** 10

| | Segment Description and Location | | | Input | | | | | | | | | | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Distance to Directional Centerline, $(feet)_4$ | | Traffic Distribution Characteristics | | | | | | CNEL, $(dBA)_{5,6,7}$ | Distance to Contour, $(feet)_3$ | | | |
| Number | Name | From | To | ADT | Speed (mph) | Near | Far | % Auto | % Med | % Hvy | % Day | % Eve | % Night | | 70 dBA | 65 dBA | 60 dBA | 55 dBA |
| **Existing Conditions** | | | | | | | | | | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 117 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 50.4 | 2 | 5 | 11 | 25 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 1,631 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 61.8 | 14 | 31 | 66 | 142 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 3,725 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 67.8 | 35 | 76 | 165 | 354 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 27,134 | 45 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.4 | 156 | 335 | 723 | 1557 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 32,381 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.1 | 150 | 323 | 696 | 1498 |
| 6 | SR-67 | - | - | 70,000 | 55 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 83.5 | 397 | 856 | 1843 | 3971 |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C

### Traffic Noise Model Calculations

**Project:** 15138 Palisades Santee Warehouse

**Noise Level Descriptor:** CNEL
**Site Conditions:** Soft
**Traffic Input:** ADT
**Traffic K-Factor:** 10

| | | Segment Description and Location | | Input | | | | | | | | | | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Distance to Directional Centerline, $(feet)_4$ | | Traffic Distribution Characteristics | | | | | | CNEL, $(dBA)_{5,6,7}$ | Distance to Contour, $(feet)_3$ | | | |
| Number | Name | From | To | ADT | Speed (mph) | Near | Far | % Auto | % Med | % Hvy | % Day | % Eve | % Night | | 70 dBA | 65 dBA | 60 dBA | 55 dBA |
| **Existing + Project Conditions** | | | | | | | | | | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 1,556 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 61.6 | 14 | 30 | 64 | 138 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 1,631 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 61.8 | 14 | 31 | 66 | 142 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 5,018 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 69.1 | 43 | 93 | 201 | 432 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 28,427 | 45 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.6 | 161 | 346 | 746 | 1606 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 33,307 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.3 | 153 | 329 | 709 | 1527 |
| 6 | SR-67 | - | - | 70,000 | 55 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 83.5 | 397 | 856 | 1843 | 3971 |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C

### Traffic Noise Model Calculations

**Project:** 15138 Palisades Santee Warehouse

**Noise Level Descriptor:** CNEL
**Site Conditions:** Soft
**Traffic Input:** ADT
**Traffic K-Factor:** 10

| | | Segment Description and Location | | Input | | | | | | | | | | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Distance to Directional Centerline, $(feet)_4$ | | Traffic Distribution Characteristics | | | | | | CNEL, $(dBA)_{5,6,7}$ | Distance to Contour, $(feet)_3$ | | | |
| Number | Name | From | To | ADT | Speed (mph) | Near | Far | % Auto | % Med | % Hvy | % Day | % Eve | % Night | | 70 dBA | 65 dBA | 60 dBA | 55 dBA |
| **Near-Term Conditions** | | | | | | | | | | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 117 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 50.4 | 2 | 5 | 11 | 25 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 1,631 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 61.8 | 14 | 31 | 66 | 142 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 4,375 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 68.5 | 39 | 85 | 183 | 395 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 27,784 | 45 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.5 | 158 | 341 | 734 | 1582 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 33,845 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.3 | 154 | 332 | 716 | 1543 |
| 6 | SR-67 | - | - | 81,300 | 55 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 84.1 | 439 | 945 | 2037 | 4388 |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C

### Traffic Noise Model Calculations

**Project:** 15138 Palisades Santee Warehouse

**Noise Level Descriptor:** CNEL
**Site Conditions:** Soft
**Traffic Input:** ADT
**Traffic K-Factor:** 10

| | | Segment Description and Location | | Input | | | | | | | | | | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Distance to Directional Centerline, $(feet)_4$ | | Traffic Distribution Characteristics | | | | | | CNEL, $(dBA)_{5,6,7}$ | Distance to Contour, $(feet)_3$ | | | |
| Number | Name | From | To | ADT | Speed (mph) | Near | Far | % Auto | % Med | % Hvy | % Day | % Eve | % Night | | 70 dBA | 65 dBA | 60 dBA | 55 dBA |
| **Near-Term + Project Conditions** | | | | | | | | | | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 1,556 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 61.6 | 14 | 30 | 64 | 138 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 1,631 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 61.8 | 14 | 31 | 66 | 142 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 5,668 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 69.6 | 47 | 101 | 218 | 469 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 29,077 | 45 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.7 | 163 | 351 | 757 | 1631 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 34,771 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.5 | 157 | 339 | 729 | 1571 |
| 6 | SR-67 | - | - | 81,300 | 55 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 84.1 | 439 | 945 | 2037 | 4388 |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C - 5

### Traffic Noise Model Calculations

**Project:** 15138 Palisades Santee Warehouse

**Noise Level Descriptor:** CNEL
**Site Conditions:** Soft
**Traffic Input:** ADT
**Traffic K-Factor:** 10

| | Segment Description and Location | | | Input | | | | | | | | | | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Distance to Directional Centerline, (feet)[4] | | Traffic Distribution Characteristics | | | | | | CNEL, | Distance to Contour, (feet)[3] | | | |
| Number | Name | From | To | ADT | Speed (mph) | Near | Far | % Auto | % Med | % Hvy | % Day | % Eve | % Night | (dBA)[5,6,7] | 70 dBA | 65 dBA | 60 dBA | 55 dBA |
| **Horizon 2035 Conditions** | | | | | | | | | | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 117 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 50.4 | 2 | 5 | 11 | 25 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 5,500 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 67.1 | 32 | 69 | 149 | 320 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 13,000 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 73.2 | 82 | 176 | 379 | 815 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 36,600 | 45 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 78.7 | 190 | 410 | 882 | 1901 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 36,950 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.7 | 164 | 353 | 759 | 1636 |
| 6 | SR-67 | - | - | 85,900 | 55 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 84.4 | 455 | 981 | 2113 | 4552 |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C - 6

### Traffic Noise Model Calculations

**Project:** 15138 Palisades Santee Warehouse

**Noise Level Descriptor:** CNEL
**Site Conditions:** Soft
**Traffic Input:** ADT
**Traffic K-Factor:** 10

| | Segment Description and Location | | | Input | | | | | | | | | | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Distance to Directional Centerline, (feet)[4] | | Traffic Distribution Characteristics | | | | | | CNEL, | Distance to Contour, (feet)[3] | | | |
| Number | Name | From | To | ADT | Speed (mph) | Near | Far | % Auto | % Med | % Hvy | % Day | % Eve | % Night | (dBA)[5,6,7] | 70 dBA | 65 dBA | 60 dBA | 55 dBA |
| **Horizon 2035 + Project Conditions** | | | | | | | | | | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 1,556 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 61.6 | 14 | 30 | 64 | 138 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 5,500 | 25 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 67.1 | 32 | 69 | 149 | 320 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 13,434 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 73.3 | 83 | 180 | 387 | 834 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 37,034 | 45 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 78.8 | 192 | 413 | 889 | 1916 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 37,261 | 40 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 77.8 | 165 | 354 | 764 | 1645 |
| 6 | SR-67 | - | - | 85,900 | 55 | 50 | 50 | 72.5% | 4.6% | 22.9% | 80.0% | 5.0% | 15.0% | 84.4 | 455 | 981 | 2113 | 4552 |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

## Appendix C

### Traffic Noise Model Calculations

**Project:** 15138 Palisades Santee Warehouse

**Noise Level Descriptor:** CNEL
**Site Conditions:** Soft
**Traffic Input:** ADT
**Traffic K-Factor:** 10

| | Segment Description and Location | | | Input | | | | | | | | | | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Distance to Directional Centerline, $(feet)_4$ | | Traffic Distribution Characteristics | | | | | | CNEL, $(dBA)_{5,6,7}$ | Distance to Contour, $(feet)_3$ | | | |
| Number | Name | From | To | ADT | Speed (mph) | Near | Far | % Auto | % Med | % Hvy | % Day | % Eve | % Night | | 70 dBA | 65 dBA | 60 dBA | 55 dBA |
| **Existing + Construction Conditions** | | | | | | | | | | | | | | | | | | |
| 1 | Project Driveway | N. Woodside Avenue | Project | 384 | 25 | 50 | 50 | 22.1% | 1.4% | 76.5% | 80.0% | 5.0% | 15.0% | 60.3 | 11 | 24 | 52 | 112 |
| 2 | Wheatlands Avenue | N. Woodside Avenue | Wheatlands Road | 1,898 | 25 | 50 | 50 | 62.3% | 4.0% | 33.7% | 80.0% | 5.0% | 15.0% | 63.9 | 20 | 42 | 91 | 197 |
| 3 | N. Woodside Avenue | Wheatlands Avenue | Woodside Avenue - Combined | 3,992 | 40 | 50 | 50 | 67.7% | 4.3% | 28.1% | 80.0% | 5.0% | 15.0% | 68.7 | 41 | 88 | 190 | 410 |
| 4 | Woodside Avenue | Magnolia Avenue | Woodside Avenue - Combined | 27,401 | 45 | 50 | 50 | 71.8% | 4.6% | 23.7% | 80.0% | 5.0% | 15.0% | 77.5 | 159 | 343 | 738 | 1591 |
| 5 | Magnolia Avenue | Woodside Avenue | SR-52 | 32,648 | 40 | 50 | 50 | 71.9% | 4.6% | 23.5% | 80.0% | 5.0% | 15.0% | 77.3 | 153 | 329 | 708 | 1526 |
| 6 | SR-67 | - | - | 70,267 | 55 | 50 | 50 | 72.2% | 4.6% | 23.2% | 80.0% | 5.0% | 15.0% | 83.6 | 400 | 862 | 1858 | 4003 |

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

# Appendix D

Project Stationary Operations Noise Prediction Data

**AHUs** (plenum-type return fan only, no condenser units [see separate worksheet]):

**Building Minimum Ventilation**

percent GSF actually occupied (and need ventilation): 90

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | A-weighting adjustments | 26 | 13 | 9 | 3 | 0 | -1 | -1 | 1 | |
| | | | | | | | | | | | | | | | average of values for the two fan diameter ranges, per Guyer (Table 12) | 40 | 40 | 38 | 34 | 29 | 23 | 19 | 16 | |
| | | | | | | | | | | | | | | | average of values for the two fan diameter ranges, per Guyer (Table 12) | 47 | 44 | 46 | 47 | 44 | 45 | 38 | 35 | |
| | | | | | | | | | | | | | | | per Guyer (Table 12, presumed based on Bies & Hansen ENC) | 46 | 48 | 55 | 53 | 52 | 48 | 43 | 38 | |
| | | | | | | | | | | | | | | | | A-weighted PWL (for CadnaA inputs) | | | | | | | | | |
| Tag | Building | GSF | Avail. SF | Height (ft) | Avg. minutes to change air* | Volume (ft3) | CFM | $m^2$ | comparable facility function | Pressure (iwg) | Pressure (Pa) | Q ($m^3$/s) | fantype = plug, tube, or prop | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | OA dB |
| *return air fans in building rooftop AHUs:* | | | | | | | | | | | | | | | | | | | | | | |
| Bldg1 | Building 1 | 300145 | 270131 | 45 | 20 | 12155873 | 607793.625 | 25109 | warehouse/office space | 2.5 | 625 | 287 | plug | 74 | 86 | 87 | 88 | 85 | 78 | 72 | 67 | **93** |
| | | | | | | | | | | | | | fan or AHU cabinet liner/interior attenuation (excludes inlet/outlet PWL split, already in calcs above: | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 10 | |

*from Loren Cook's "Engineering Cookbook", 1999 edition, p. 42

**ACCs** (air-cooled chillers on rooftops):

**Building Interior Comfort**

with or without sound insulation? (enter Y/N): y

actual percent of GSF occupied: 95

| | tons | LWA | unweighted PWL (dB) per OCBF (Hz) at full load (100%) 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | data for models "without sound insulation" or no "sound blankets" LWA | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | data for models "with sound insulation" or "sound blankets" LWA | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bryant BH16-018 (no sound blanket) | 1.5 | 67 | 66.2 | 66.2 | 63.9 | 63.8 | 62.3 | 58.4 | 56.4 | 50.3 | 68 | 66.2 | 66.2 | 63.8 | 64.1 | 64.6 | 59.9 | 57.7 | 53.6 | 67 | 66.2 | 66.2 | 63.9 | 63.8 | 62.3 | 58.4 | 56.4 | 50.3 |
| Bryant BH16-024 (no sound blanket) | 2 | 71 | 65 | 65 | 63.7 | 63.4 | 68.5 | 64.7 | 58.7 | 52.8 | 72 | 63.4 | 63.4 | 63.3 | 63.3 | 70.4 | 64.5 | 59.3 | 55.5 | 71 | 65 | 65 | 63.7 | 63.4 | 68.5 | 64.7 | 58.7 | 52.8 |
| Bryant BH16-036 (no sound blanket) | 3 | 71 | 68.2 | 68.2 | 66.4 | 67.5 | 68.4 | 59.6 | 58.2 | 52.4 | 72 | 67.7 | 67.7 | 66.8 | 68.1 | 69.9 | 62.8 | 60.3 | 55.2 | 71 | 68.2 | 68.2 | 66.4 | 67.5 | 68.4 | 59.6 | 58.2 | 52.4 |
| Bryant BH16-048 (no sound blanket) | 4 | 71 | 68.4 | 68.4 | 67.7 | 69.7 | 67.6 | 59.4 | 56.4 | 50 | 73 | 67.5 | 67.5 | 67.8 | 70.1 | 70.6 | 63.1 | 58.5 | 53.3 | 71 | 68.4 | 68.4 | 67.7 | 69.7 | 67.6 | 59.4 | 56.4 | 50 |
| Bryant BH16-060 (no sound blanket) | 5 | 69 | 63.7 | 63.7 | 65.4 | 67.3 | 64.9 | 58.3 | 56.2 | 51.9 | 70 | 61.7 | 61.7 | 65.6 | 68.1 | 65.8 | 59.8 | 58.4 | 56.1 | 69 | 63.7 | 63.7 | 65.4 | 67.3 | 64.9 | 58.3 | 56.2 | 51.9 |
| Daikin AGZ-E 30 (w/out sound insulation) | 30 | 85 | 84 | 84 | 83 | 84 | 77 | 75 | 74 | 70 | 88 | 92 | 91 | 88 | 87 | 83 | 78 | 73 | 68 | 85 | 84 | 84 | 83 | 84 | 77 | 75 | 74 | 70 |
| Daikin AGZ-E 40 (w/out sound insulation) | 40 | 85 | 84 | 84 | 83 | 84 | 77 | 75 | 74 | 70 | 89 | 92 | 91 | 90 | 88 | 84 | 79 | 74 | 69 | 85 | 84 | 84 | 83 | 84 | 77 | 75 | 74 | 70 |
| Daikin AGZ-E 50 (w/out sound insulation) | 50 | 87 | 85 | 85 | 85 | 86 | 80 | 77 | 75 | 70 | 90 | 93 | 93 | 91 | 89 | 85 | 79 | 74 | 69 | 87 | 85 | 85 | 85 | 86 | 80 | 77 | 75 | 70 |
| Daikin AGZ-E 60 (w/out sound insulation) | 60 | 87 | 85 | 85 | 85 | 86 | 80 | 77 | 75 | 70 | 91 | 94 | 93 | 94 | 89 | 86 | 81 | 76 | 71 | 87 | 85 | 85 | 85 | 86 | 80 | 77 | 75 | 70 |
| Daikin AGZ-E 70 (w/out sound insulation) | 70 | 87 | 85 | 85 | 85 | 86 | 80 | 77 | 75 | 70 | 92 | 95 | 95 | 94 | 89 | 87 | 81 | 76 | 71 | 87 | 85 | 85 | 85 | 86 | 80 | 77 | 75 | 70 |
| Daikin AGZ-E 80 (w/out sound insulation) | 80 | 88 | 88 | 85 | 87 | 86 | 81 | 81 | 77 | 71 | 92 | 95 | 95 | 95 | 89 | 87 | 81 | 76 | 71 | 88 | 88 | 85 | 87 | 86 | 81 | 81 | 77 | 71 |
| Daikin AGZ-E 90 (w/out sound insulation) | 90 | 88 | 88 | 87 | 87 | 86 | 83 | 80 | 77 | 71 | 93 | 94 | 95 | 92 | 91 | 89 | 83 | 81 | 81 | 88 | 88 | 87 | 87 | 86 | 83 | 80 | 77 | 71 |
| Daikin AGZ-E 120 (w/out sound insulation) | 120 | 89 | 91 | 85 | 88 | 86 | 82 | 81 | 79 | 72 | 95 | 93 | 96 | 92 | 92 | 90 | 84 | 84 | 82 | 89 | 91 | 85 | 88 | 86 | 82 | 81 | 79 | 72 |
| Daikin AGZ-E 240 (w/out sound insulation) | 241 | 94 | 94 | 88 | 91 | 90 | 91 | 84 | 82 | 75 | 100 | 98 | 98 | 98 | 95 | 96 | 90 | 90 | 86 | 94 | 94 | 88 | 91 | 90 | 91 | 84 | 82 | 75 |

| Phase | Building Tag | GSF | Avail. SF | comparable facility function | Avg. GSF per ton* | tons of refrig. | Approx. Qty. of ACCs | tons per ACC | Approx. Total PWL (dBA) | unweighted PWL (dB) per OCBF (Hz) at full load (100%) 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bldg1 | Building 1 | 300145 | 285138 | Office building, avg. of low and high | 275 | 1036.9 | 8 | 130 | **98** | 100 | 94 | 97 | 95 | 91 | 90 | 88 | 81 | **104** |

*based upon "lo" value per Loren Cook's "Engineering Cookbook", 1999 edition, pp. 59-60

from CMS "Midpoint at 237" March 27, 2014 noise study

| | dBA | dist (feet) | at 50' | Dudek time estimate: minutes per hour | hourly Leq | source | PWL |
|---|---|---|---|---|---|---|---|
| truck passby | 68 | 30 | 63.6 | 2 | 48.8 | **traveling on lot** | **83.5** |
| truck airbrakes | 72 | 25 | 66.0 | 0.05 | 35.2 | at dock | 69.8 |
| truck backup alarm | 79 | 30 | 74.6 | 0.05 | 43.8 | at dock | 78.4 |
| idle before shutoff | 70 | 25 | 64.0 | 1 | 46.2 | at dock | 80.9 |
| truck engine ignition + airbrakes | 71 | 25 | 65.0 | 0.05 | 34.2 | at dock | 68.8 |
| truck accelerating from stop | 74 | 25 | 68.0 | 0.05 | 37.2 | at dock | 71.8 |
| | | | | | | **total at dock** | **83.5** |

| dock door quantities from siteplan | | peak hour trips* | split** | log add*** | log add split** |
|---|---|---|---|---|---|
| Building 1 | docks | 66 | | | |
| | 42 | | 33.0 | 18.2 | 15.2 |

*(3 and 4-axle trucks)
**(based on dock ratio for the building)
***(to single truck noise levels)

**This is the *daytime* operations scenario, when peak-hour truck trips would occur.**

from CMS "Midpoint at 237" March 27, 2014 noise study

| | dBA | dist (feet) | at 50' | Dudek time estimate minutes per hour | hourly Leq | source | PWL |
|---|---|---|---|---|---|---|---|
| truck passby | 68 | 30 | 63.6 | 2 | 48.8 | **traveling on lot** | **83.5** |
| truck airbrakes | 72 | 25 | 66.0 | 0.05 | 35.2 | at dock | 69.8 |
| truck backup alarm | 79 | 30 | 74.6 | 0.05 | 43.8 | at dock | 78.4 |
| idle before shutoff | 70 | 25 | 64.0 | 1 | 46.2 | at dock | 80.9 |
| truck engine ignition + airbrakes | 71 | 25 | 65.0 | 0.05 | 34.2 | at dock | 68.8 |
| truck accelerating from stop | 74 | 25 | 68.0 | 0.05 | 37.2 | at dock | 71.8 |
| | | | | | | **total at dock** | **83.5** |

| dock door quantities from siteplan | | peak hour trips* | split** | log add*** | log add split** |
|---|---|---|---|---|---|
| Building 1 | docks | 16.5 | | | |
| | 42 | | 8.3 | 12.2 | 9.2 |

*(3 and 4-axle trucks)
**(based on dock ratio for the building)
***(to single truck noise levels)

**This is the *nighttime* operations scenario, when only up to 25% peak-hour truck trips would occur.**

# Appendix L
Transportation Impact Study

Transportation Impact Study

# Palisade Santee Commerce Center Project

**APRIL 2025**

*Prepared for:*

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# 1 Introduction

## 1.1 Purpose and Scope

The purpose of this Transportation Impact Study (TIS) is to identify impacts associated with a proposed 300,145 square foot (SF) industrial/warehousing building (proposed project or project) in the City of Santee (City). Pursuant to Senate Bill (SB) 743, the focus of transportation analyses has shifted from vehicle delay (and level of service [LOS]) to vehicle miles traveled (VMT) under the California Environmental Quality Act (CEQA). Given the need to prepare VMT-based CEQA transportation impact analyses per SB 743, the City's VMT guidelines were released in April 2022. The need to evaluate the performance of the roadway system based on delay and LOS is for General Plan consistency requirements. The objectives of this study are to provide both, CEQA and non-CEQA assessments of the project per analysis methodology and guidelines adopted by the City. Therefore, this TIS has been prepared consistent with the City of Santee VMT Analysis Guidelines (April 13, 2022), Guidelines for Transportation Impact Studies in the San Diego Region (May 2019) and the City of Santee Mobility Element (October 2017).

The scope of the analysis was submitted to the City for approval prior to preparing this study. The approved scope is included in Appendix A.

### CEQA Assessment

- Provide a VMT analysis per SB 743, CEQA requirements, and City's VMT Analysis Guidelines.
- Identify mitigation measures for any significant transportation impacts.

The study area for the CEQA analysis is the San Diego region, and the SANDAG SB 743 VMT maps have been used in the project's VMT analysis.

### Non-CEQA Assessment

- Estimate trip generation, distribution, and assignment characteristics of the project.
- Document existing roadway, pedestrian, bicycle, and transit facilities in the study area.
- Document Existing, Near Term, and Horizon Year traffic conditions (without and with project), including intersection LOS and roadway segment capacity analysis.
- Analyze the potential for LOS and capacity effects to occur as a result of the project under the Existing Near Term and Horizon Year conditions.
- Provide evaluation of left turn at the project access driveway at Woodside Avenue.
- Describe if any operational or physical network improvements are needed.
- Provide findings and recommendations based on the non-CEQA assessment of the project.

The study area for the LOS analysis is generally based on the threshold of 50 or more AM or PM peak-hour project trips that pass through an intersection. Based on the project's trip generation (Table 1) and trip distribution shown on Figure 3, the following roadway segments and intersections are proposed for the project's LOS analysis:

## Roadway Segments

1. N. Woodside Avenue, between Project Driveway and Woodside Avenue
2. Woodside Avenue, between Magnolia Avenue and N. Woodside Avenue – Woodside Avenue
3. Magnolia Avenue, between Woodside Avenue-Mission Gorge Road and State Route (SR)-52 westbound on-ramp-SR-67 southbound on-ramp

## Intersections

1. Magnolia Avenue/SR-52 eastbound off-ramp
2. Magnolia Avenue/SR-52 westbound on-ramp - SR-67 southbound on-ramp
3. Magnolia Avenue-Mission Gorge Road/Woodside Avenue
4. N. Woodside Avenue/Woodside Avenue – SR-67 southbound off-ramp
5. Hartley Road/N. Woodside Avenue
6. Wheatlands Avenue/N. Woodside Avenue
7. Project Access Roadway/N. Woodside Avenue

Figure 1, Project Location and Study Area, shows the project location and study area selected to assess the project's potential traffic effects.

## Analysis Scenarios

Roadway segment and intersection LOS analyses were prepared for the weekday 24-hour average daily traffic (ADT) condition and AM and PM peak hours at the study area roadway segments and intersections, respectively, for the following analysis scenarios:

### Existing Conditions

The TIS includes a description of existing traffic conditions in the site vicinity, including existing roadway system, existing weekday AM and PM peak-hour traffic volumes, and operational analysis of the study area roadway segments and intersections. The existing condition is representative of the year 2023.

### Existing plus Project

This condition includes analysis of traffic operations under existing conditions with project traffic added to the existing ADT and AM and PM peak hour intersection traffic volumes. The traffic effects specific to the project under this condition were used as the basis for determining the project's direct effects.

### Near Term Conditions

This condition includes analysis of traffic operations under Near Term conditions within a short-term horizon period of approximately three years where the proposed project is constructed and fully occupied. Near Term traffic volumes (ADT and AM and PM peak hour) include existing traffic volumes and traffic generated by other approved and pending projects in the study area. The approved or pending projects are developments in the review process, but not fully approved; or projects that have been approved, but not fully constructed or occupied.

### Near Term plus Project

This condition includes analysis of traffic operations under Near Term conditions with project traffic added to the Near-Term ADT and AM and PM peak hour intersection traffic volumes. The traffic effects specific to the project under this condition were used as the basis for determining the project's short-term cumulative effects.

### Horizon Year Conditions

This condition includes analysis of traffic operations under Horizon Year conditions within a long-term period and is generally consistent with Year 2035. The horizon Year traffic volumes (ADT and AM and PM peak hour) have been estimated using the recently approved Fanita Ranch Traffic Impact Study (LLG 2020).

### Horizon Year plus Project

This condition includes analysis of traffic operations under Horizon Year conditions with project traffic added to the Horizon Year ADT and AM and PM peak hour intersection traffic volumes. Based on review of the SANDAG land use and trip rate used in the General Plan Mobility Element for the traffic analysis zone (TAZ) the project is located within, it was noted that the project trip generation exceeded the TAZ trip generation for allowable light industrial use by approximately 33.6%. Therefore, to account for the additional project trip generation, approximately, 33.6% of the project traffic was added to the Horizon Year intersections and roadway segments. The Horizon Year intersection volumes were not available for the entire study area along Woodside Avenue. Therefore, to provide a conservative analysis, 100% of the project trips were assigned to the project driveways and intersections along Woodside Avenue near the project site. The traffic effects specific to the project under this condition were used as the basis for determining the project's long-term cumulative effects.

## 1.2 Project Description and Location

The proposed project includes the demolition of the existing drive-in theater and the construction of a 300,145 SF industrial/warehousing building as well as associated improvements including loading docks, trailer stalls, passenger vehicle parking spaces, and street, sidewalk, and landscape improvements. The building could be used for multiple tenants for warehousing and distribution, manufacturing, assembly, research and development, and related office uses. The project is located at 10990 Woodside Avenue in the City. The Assessor Parcel Number (APN) of the Project site is 381-070-5200. The City's General Plan Land Use Map designates the project site the entire site as Light Industrial.

Figure 1 illustrates the project's location. Regional access to the project site is available from SR-52 and SR-67 via Magnolia Avenue, Woodside Avenue, and Riverford Road. The Project would be accessed via a dedicated drive aisle on Woodside Avenue which leads to two 40-foot-wide driveways. These driveways and an on-site roadway would provide access to the vehicle parking lots and two truck courts. Vehicle parking for employees would be in parking lots along the periphery of the project site. The site plan of the proposed project is shown on Figure 2.

# 1.3 Analysis Methodology

## 1.3.1 Vehicle Miles Traveled Analysis for CEQA

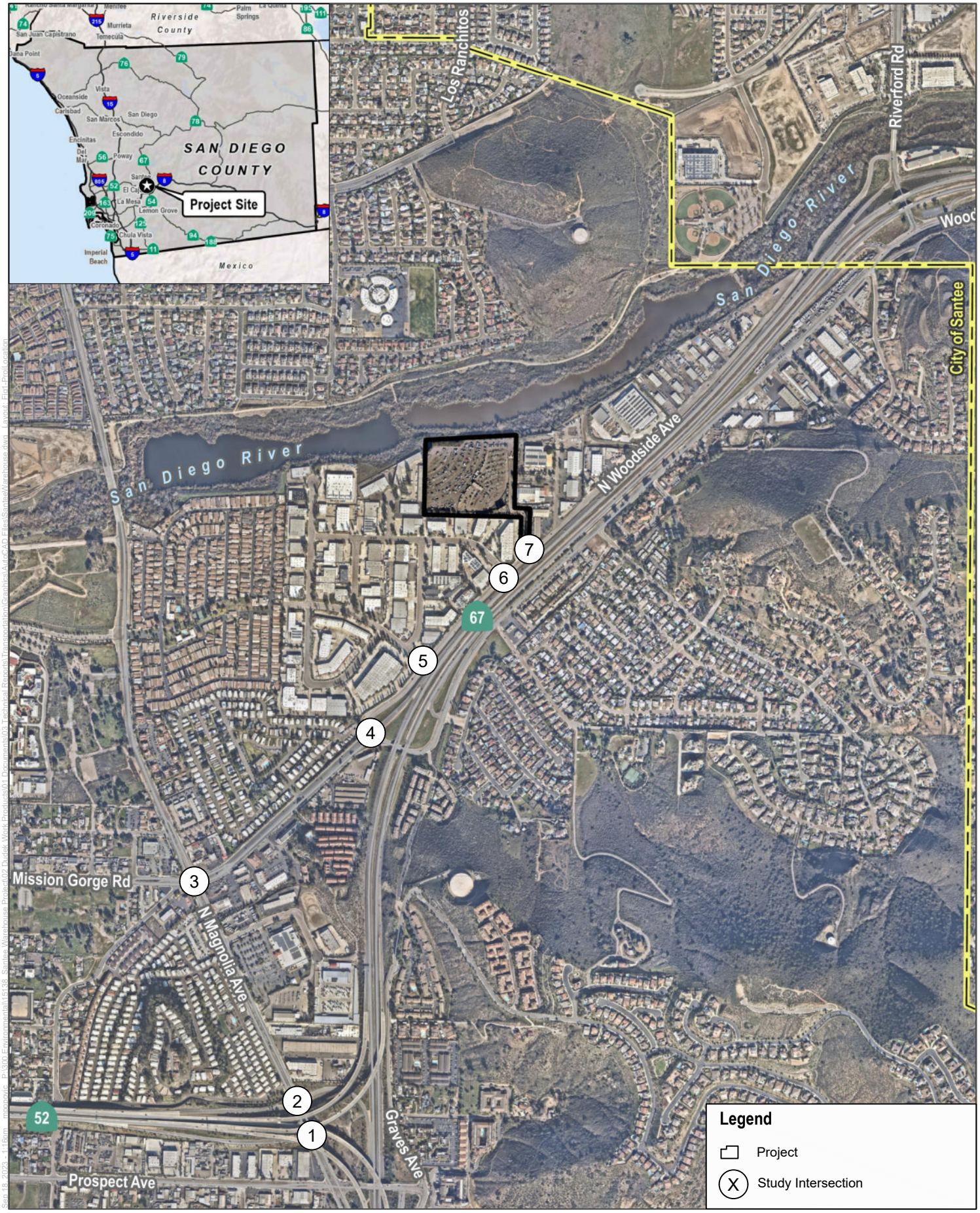
On September 27, 2013, SB 743 was signed into law, which creates a process to change the way that transportation impacts are analyzed under CEQA. SB 743 required the Governor's Office of Planning and Research (OPR) to amend the CEQA Guidelines to provide an alternative to LOS for evaluating transportation impacts. Under the new transportation guidelines, LOS, or vehicle delay, will no longer be considered an environmental impact under CEQA. The updates to the CEQA Guidelines required under SB 743 were approved on December 28, 2018. These guidelines identify VMT as the most appropriate measure of transportation impacts under CEQA and were required to be implemented on July 1, 2020.

The requirements to prepare a detailed transportation VMT analysis apply to all discretionary land development projects that are not exempt from CEQA, except those that meet at least one of the transportation screening criteria. A project that meets at least one of the screening criteria below would be presumed to have a less than significant VMT impact due to project characteristics and/or location.

Per the City's TIA guidelines, for project's that do not screen out VMT should include analysis using the SANDAG Regional Travel Demand Model. The model outputs can be used to produce VMT/capita, VMT/employee, and Total VMT. For employment projects (Industrial/Non-industrial), the City's VMT guidelines the following criteria:

- For projects that generate fewer than 2,400 daily unadjusted driveway trips: Identify the location of the project on the City's VMT/employee map. The project's VMT/employee will be considered the same as the VMT/capita of the TAZ as shown on the VMT/employee map. Compare the project's VMT/employee to the threshold to determine if the impact is significant, or, if desired or requested by the City, input the project into the SANDAG Regional Travel Demand Model to determine the project's VMT/employee.
- For projects that generate 2,400 or greater daily unadjusted driveway trips: Larger projects will typically be analyzed using a custom model run by inputting the project into the SANDAG Regional Travel Demand Model. To perform the analysis, all project land uses should be inputted, and the VMT/employee should be determined using the same method/scripts that SANDAG utilizes to calculate the VMT/employee threshold. There may be some circumstances where the use of screening maps or other sketch modeling tools are appropriate for larger projects, especially if the project has the same characteristics of the land uses that are already contained in the TAZ where the project is located or if the project is unique in nature and project specific travel behavior information is available.

As shown in Section 2 Project Traffic, the project would generate less than 2,400 daily trips. As shown in Section 3.0, the project would not meet any VMT screening criteria, therefore, the project's VMT evaluation has been conducted using the SANDAG SB 743 VMT maps.




SOURCE: SanGIS, Open Street Maps

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**FIGURE 1**

Project Location and Study Area

Palisade Santee Commerce Center Project

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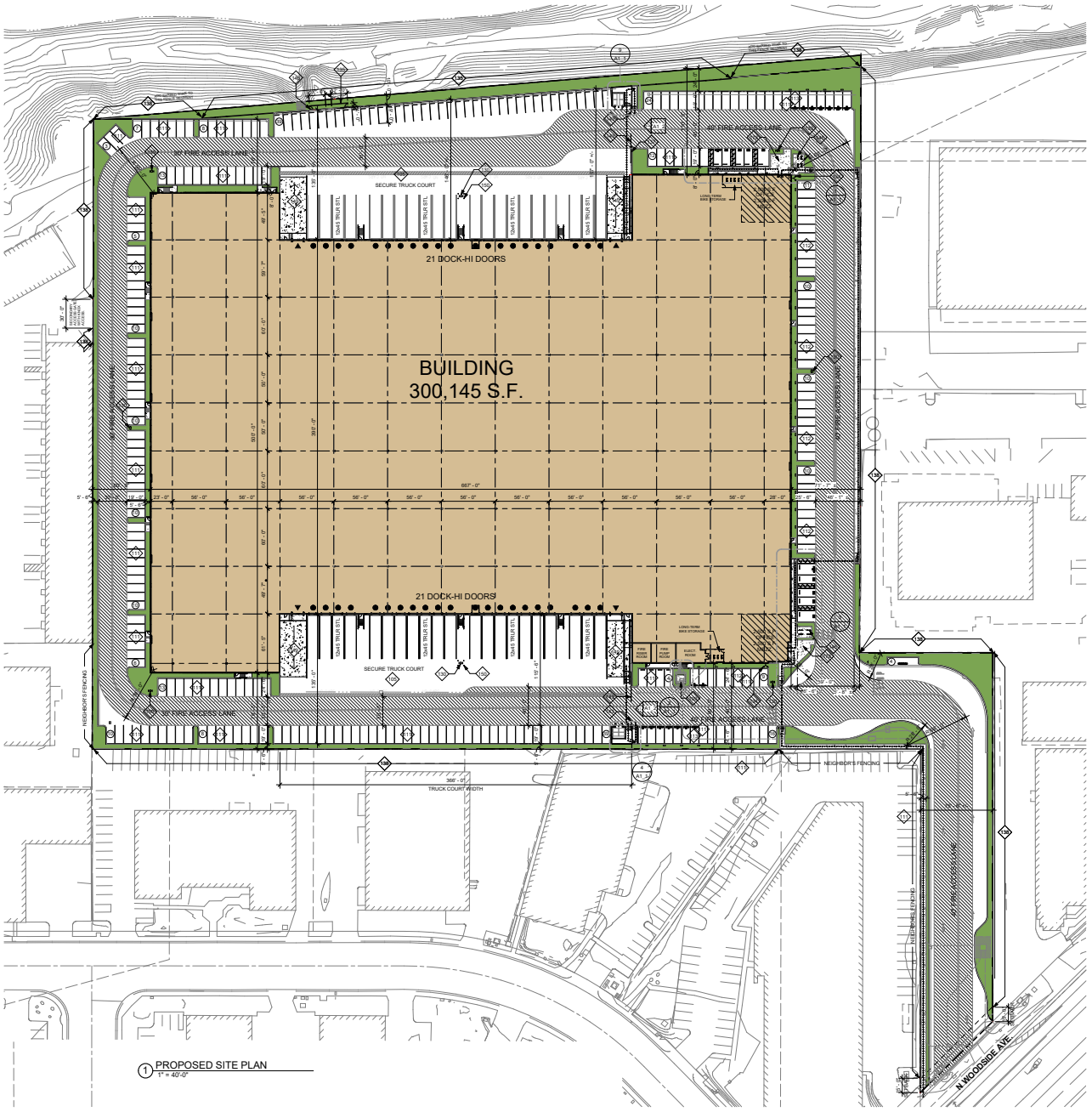



**DEVELOPER/OWNER**

NORTH PALISADE PARTNERS
1330 FACTORY PLACE #105, LOS ANGELES, CA 90013
CONTACT: BRIAN WONG
PHONE: 310.242.1812
EMAIL: BRIAN.WONG@NORTHPALISADE.COM
WEBSITE: WWW.NORTHPALISADE.COM

**APPLICANT'S REPRESENTATIVE/ARCHITECT**

HERDMAN ARCHITECTURE & DESIGN, INC.
100 BAYVIEW CIRCLE SUITE 100
NEWPORT BEACH, CA 92660
CONTACT: BRIDGET HERDMAN
PHONE: 714.389.2800
EMAIL: PROJECTADMIN@HERDMAN-AD.COM

**SCOPE OF WORK**

CONSTRUCT NEW ONE STORY + MEZZANINE CONCRETE TILT-UP WAREHOUSE/DISTRIBUTION FACILITY WITH ELECTRICAL AND PLUMBING SERVICES, EXTERIOR LIGHTING, LANDSCAPING & IRRIGATION, TRASH ENCLOSURES, CONCRETE SCREEN WALLS, AND SLIDING/SWINGING METAL GATES. FIRE SPRINKLER AND GRADING PLANS TO BE A SEPARATE SUBMITTAL AND PERMIT

**LEGAL DESCRIPTION & ZONING**

LEGAL DESCRIPTION: SEE CIVIL

ASSESSOR'S PARCEL NO.: 381-070-52-00

**PROJECT INFORMATION & AREA ANALYSIS**

**BUILDING ADDRESS:** 10990 WOODSIDE AVE. SANTEE, CA 92071
CONSTRUCTION TYPE: II-B
OCCUPANCY: B / S-1
FIRE SPRINKLER: YES (ESFR NFPA 72, NFPA 13 & NFPA 24)
CLEAR HEIGHT: 36'

**ZONING:**
GENERAL PLAN: G-I (NERAL INDUSTRIAL)
SPECIFIC PLAN: N/A
FEMA FLOOD ZONE: NO FLOOD ZONE

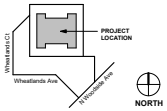
**BUILDING SETBACKS:**
FRONT SETBACK: 15'
SIDE SETBACK: 5'
REAR SETBACK: NONE

**ALLOWABLE AREA:**
UNLIMITED AREA PER CBC 507 PER TABLE 508.2

**SHEET INDEX**


| | |
|---|---|
| A0 | TITLE SHEET |
| A1 | SITE PLAN |
| A1_0 | SITE UTILIZATION MAP |
| A1_1 | ENLARGED PARTIAL SITE PLANS |
| A1_2 | GATE & FENCE ELEVATION |
| A1_4 | STRIPING & SIGNAGE PLAN |
| A2 | GROUND LEVEL FLOOR PLANS |
| A4 | EXTERIOR ELEVATIONS |
| A5 | EXTERIOR ELEVATION COLOR BOARD |
| C1 | CONCEPTUAL GRADING PLAN |
| C2 | CONCEPTUAL UTILITY PLAN |
| L-1 | CONCEPTUAL LANDSCAPE PLAN |
| L-2 | LANDSCAPE SECTIONS |
| FC-1.0 | SITE PHOTOMETRIC PLAN |
| R-1 | RENDERING |
| R-2 | RENDERING |
| R-3 | RENDERING |
| R-4 | RENDERING |
| R-5 | RENDERING |
| R-6 | RENDERING |


**VICINITY MAP**




**SITE PLAN GENERAL NOTES**

1. THE SITE PLAN SHALL MEET ALL ENGINEERING & NPDES REQUIREMENTS.
2. GENERAL CONTRACTOR TO REVIEW THE SOILS REPORT AND ALL AMENDMENTS LISTED ON THE TITLE SHEET AND FOLLOW ALL RECOMMENDATIONS.
3. U.O.N., ALL DIMENSIONS TO CONCRETE WALLS AND CURBS ARE EITHER TO THE CENTER (SHOWN WITH A CENTERLINE) OR FACE OF THE WALL OR CURB. ALL DIMENSIONS TO FRAMED WALLS ARE EITHER TO THE CENTER LINE OF THE WALL FRAMING (SHOWN WITH A CENTERLINE) OR FACE OF THE WALL FRAMING.
4. REFER TO CIVIL AND MEP PLANS TO CONFIRM UTILITY INFORMATION SHOWN ON THE ARCHITECT'S SITE PLAN AND FOR ADDITIONAL UTILITY INFORMATION. GENERAL CONTRACTOR TO COORDINATE ALL POINTS OF CONNECTION.
5. REFER TO CIVIL DRAWINGS FOR ALL FINISHED GRADES AND SLOPES. ALL FINISHED GRADES TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING. GENERAL CONTRACTOR TO FIELD VERIFY.
6. ALL ACCESSIBLE ROUTES IDENTIFIED ON THE SITE PLAN DRAWINGS SHALL CONFORM TO THE FOLLOWING:
   a) SLOPES IN THE DIRECTION OF TRAVEL DO NOT EXCEED 5%, CROSS SLOPES DO NOT EXCEED 2%.
   b) THE CLEAR WIDTH OF ALL WALKWAYS IS 4'-0" MIN.
   c) CHANGES IN LEVEL UP TO 1/2" COMPLY w/ 11A\D.2.1. CHANGES IN LEVEL GREATER THAN 1/2" IF THEY OCCUR ARE RAMPED. SEE PLANS.
   d) THE VERTICAL CLEARANCE ALONG THE ACCESSIBLE ROUTE IS 80" MIN.
7. ALL PAVED AND LANDSCAPED AREAS TO BE BOUND BY A MIN. 6" HIGH, 6" WIDE CONCRETE CURB U.O.N.
8. A CONCRETE MOW STRIP EXTENDING 12" BEYOND EA END OF THE OPENING SHALL BE PROVIDED @ ALL EXTERIOR GLAZING WHERE THE SILL IS WITHIN 3' VERTICAL OF THE FINISHED GRADE. SEE 2/AD1.1
10. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY UTILITY COMPANIES AND OR FIRE AUTHORITIES AT ALL EXTERIOR ELECTRICAL EQUIPMENT AND FIRE PREVENTION DEVICES. IF PIPE BOLLARD PROTECTION POST DETAILS ARE NOT PROVIDED BY UTILITY COMPANIES AND OR FIRE AUTHORITY SEE DETAIL 3/AD1.1
11. ALL EXPOSED BIORETENSION DEVICE COVERINGS SHALL BE PAINTED FOREST GREEN.
12. WHERE OCCURS, GENERAL CONTRACTOR TO PROVIDE FLUID APPLIED DAMP PROOFING AT ALL RETAINING AND PLANTER WALLS WHERE THE SIDE OF THE WALL OPPOSITE THE SOIL SIDE IS EXPOSED TO SPACE. WALLS SHALL BE DAMP PROOFED FROM ADJACENT FLOOR SLAB IN BELOW GRADE. SEE 6/AD1.2
13. PROVIDE A HOSE BIB NEAR THE MAIN ENTRANCE AND IN THE TRASH ENCLOSURE. SEE PLAN FOR LOCATION.

**KEYNOTES**

| | |
|---|---|
| 105 | CONCRETE PAVING. |
| 109 | (N) TRANSFORMER LOCATION. |
| 111 | TYP U.O.N., STANDARD PARKING STALL. 9'-0" WIDE x 19'-0" DEEP |
| 112 | EV (ELECTRIC VEHICLE) CAPABLE PARKING STALL. PROVIDE FOR FUTURE EVSE (ELECTRIC VEHICLE SUPPLY EQUIPMENT). MATCH STANDARD STALL SIZE |
| 113 | EVCS (ELECTRIC VEHICLE CHARGING STATION). PROVIDE EVSE (ELECTRIC VEHICLE SUPPLY EQUIPMENT). MATCH STANDARD STALL SIZE. |
| 130 | (N) FIRE HYDRANT. |
| 134 | FIRE DEPARTMENT CONNECTION (FDC). |
| 135 | PRE-CAST CONCRETE FENCE SUPPORTED BY METAL POSTS FROM GREENFIELD FENCE. MIN HEIGHT 6'ABOVE HIGHEST ADJACENT FINISHED GRADE. PAINT BOTH SIDES AND TOP OF WALL. |
| 137 | TUBE STEEL FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE. |
| 138 | CHAIN LINK FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE. |
| 143 | PAINTED STEEL ROLLING GATE(S). MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE OR AS SHOWN ON EXTERIOR ELEVATIONS. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY. |
| 145 | PAINTED STEEL SWINGING PEDESTRIAN GATE. WHEN OCCURS IN TUBE STEEL FENCE, ALIGN TOP w/ FENCE HEIGHT. WHEN OCCURS IN CONCRETE SCREEN WALL, U.O.N., ALIGN TOP w/ SCREEN WALL. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY. |
| 146 | 2 POSITION BIKE RACK. |
| 149 | CONCRETE TRUCK RAMP w/ 42" HIGH CONCRETE TILT-UP GUARD ON OPEN SIDE(S). PAINT ALL SIDES OF GUARD WALLS AND HANDRAILS SEE ARCHITECTURAL DRAWINGS FOR COLOR SCHEDULE. |
| 150 | STEEL PIPE BOLLARD PROTECTION POST. |
| 178 | OUTDOOR EMPLOYEE BREAK AREA. |

**LOT AREA**

| SQUARE FOOTAGE | ACRES |
|---|---|
| 587730 SF | 13.49 |

**FLOOR AREA RATIO**

| BUILDING AREA | SITE AREA | FAR ALLOWABLE | FAR PROVIDED |
|---|---|---|---|
| 300145 SF | 587730 SF | 100% | 51.1% |

**BUILDING AREA SUMMARY**

| NAME | AREA |
|---|---|
| GROUND FLOOR | |
| WAREHOUSE | 290145 SF |
| OFFICE | 2500 SF |
| OFFICE | 2500 SF |
| | 295145 SF |
| MEZZANINE | |
| OFFICE | 5000 SF |
| | 5000 SF |
| GROUND LEVEL + MEZZANINE | |
| WAREHOUSE | 290145 SF |
| OFFICE | 10000 SF |
| TOTAL BUILDING AREA | 300145 SF |

**LANDSCAPE AREA SUMMARY**

* SEE LANDSCAPE PLAN

**TOTAL PARKING REQUIRED**

| BUILDING USE | BUILDING AREA | PARKING RATIO 1/X | REQ. PARKING |
|---|---|---|---|
| OFFICE | 10000 SF | 1000 | 11 |
| WAREHOUSE | 290145 SF | 1000 | 291 |
| TOTAL: 4 | 300145 SF | | 302 |

**REQUIRED PARKING BREAKDOWN**

| SPACE TYPE | SPACES REQUIRED |
|---|---|
| STANDARD STALLS | 230 |
| STANDARD ACCESSIBLE STALLS | 6 |
| VAN ACCESSIBLE STALLS | 2 |
| EV CAPABLE STALL (w/o EVSE) | 45 |
| EVCS (EV CAPABLE STALL w/ EVSE) | 16 |
| STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| TOTAL | 301 |

**PARKING PROVIDED**

| SPACE TYPE | SPACES PROVIDED |
|---|---|
| STANDARD STALLS | 230 |
| STANDARD ACCESSIBLE STALLS | 6 |
| VAN ACCESSIBLE STALLS | 2 |
| EV CAPABLE STALL (w/o EVSE) | 45 |
| EVCS (EV CAPABLE STALL w/ EVSE) | 16 |
| STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| TOTAL | 301 |

**SITE LEGEND**

LANDSCAPE AREA

CONCRETE PAVING WHEN OCCURS @ PARKING AREAS, DRIVE AISLES, & OR TRUCK COURT. SEE CIVIL DRAWINGS FOR PAVING SECTIONS

FIRE HYDRANT. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY THE FIRE AUTHORITY. SEE 3/AD1.1

STREET LIGHT

INDICATES AN ACCESSIBLE ROUTE. MUST COMPLY w/ SITE PLAN GENERAL NOTE #6

PROPERTY LINE

DOCK HIGH DOOR

DRIVE THRU. DOOR

**PROJECT**
PALISADE SANTEE COMMERCE CENTER
SANTEE, CA
FINAL APPROVAL SET

NORTH PALISADE PARTNERS

HERDMAN ARCHITECTURE + DESIGN

A22-2164
06.04.2024

SITE PLAN

NORTH

A1

6/4/2024 11:26:36 AM

SOURCE: Herdman Architecture + Design 2023

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**FIGURE 2**
Site Plan
Palisade Santee Commerce Center Project

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### 1.3.2 Level of Service Analysis for Non-CEQA

In addition to a VMT analysis required under CEQA, the City determines the need for a transportation analysis in conformance with the land use and transportation elements of the General Plan. The City uses the criteria from the *Guidelines for Transportation Impact Studies in the San Diego Region* (May 2019).

Per the regional guidelines, a traffic analysis would be required if a project exceeds 500 ADT and is inconsistent with the adopted General Plan or exceeds 1,000 ADT and is consistent with the adopted General Plan.

As discussed in Section 2, the project is forecast to generate 1,440 passenger car equivalent [PCE] daily trips. Therefore, this study provides a traffic analysis discussing operations of selected roadway segments and intersections, under existing, near-term, and horizon year conditions.

LOS is commonly used as a qualitative description of intersection operations and roadway segments and is based on the design capacity of the intersection configuration and roadway facility, compared to the volume of traffic using the facility. The acceptable LOS for the City is LOS D.

#### 1.3.2.1 Roadway Segments

Roadway segment analysis is based upon the comparison of ADT to the City of Santee Mobility Element Roadway Classification LOS and Standards Table. This table provides level of service thresholds for different street classifications, based on traffic volumes, and roadway characteristics. Table 1 presents guidance on the levels of ADT that can be accommodated on various types of roadways, based on level of service.

**Table 1. City of Santee Roadway Classifications and Standards**

| Class | Lanes | Level of Service (LOS) | | | | |
|---|---|---|---|---|---|---|
| | | A | B | C | D | E |
| Prime Arterial | 6 | 25,000 | 35,000 | 50,000 | 55,000 | 60,000 |
| Major Arterial | 4 | 15,000 | 21,000 | 30,000 | 35,000 | 40,000 |
| Parkway | 4 | 15,000 | 21,000 | 30,000 | 35,000 | 40,000 |
| | 2 lanes w/TWLTL | 5,000 | 7,000 | 10,000 | 13,000 | 15,000 |
| | 2 | 4,000 | 5,500 | 7,500 | 9,000 | 10,000 |
| Collector | 2 lanes w/TWLTL | 5,000 | 7,000 | 10,000 | 13,000 | 15,000 |
| | 2 | 2,500 | 3,500 | 5,000 | 6,500 | 8,000 |
| | 2 | 2,500 | 3,500 | 5,000 | 6,500 | 8,000 |
| **Non-Circulation Element** | | | | | | |
| Industrial Local | 2 | — | — | 2,200* | — | — |
| Residential Local | 2 | — | — | 2,200* | — | — |
| Cul-de-sac Street | 2 | — | — | 300* | — | — |
| Hillside Street | 2 | — | — | 700* | — | — |

**Source:** City of Santee Mobility Element, Adopted by City Council October 25, 2017 (Resolution No. 114-2017)
**Notes:**
* Represents design capacity of non-CE road. LOS does not apply to non-CE roads.

#### 1.3.2.2 Intersections

The *Highway Capacity Manual, 6th Edition* (HCM 6) methodology (Transportation Research Board 2016) was used to analyze the operation of the signalized study intersections. The HCM analysis methodology describes the operation of an intersection using a range of LOS from LOS A (free-flow conditions) to LOS F (severely congested conditions), based on the corresponding control delay experienced per vehicle. The Synchro 11 LOS software was used to determine intersection LOS. Synchro is consistent with the HCM 6 methodology.

Table 2 shows the LOS values by delay ranges for unsignalized and signalized intersections under the HCM methodology.

**Table 2. Levels of Service for Intersections using HCM Methodology**

| Level of Service | Unsignalized Intersections Control Delay (in seconds per vehicle) | Signalized Intersections Control Delay (in seconds per vehicle) |
|---|---|---|
| A | < 10.0 | < 10.0 |
| B | > 10.0 to < 15.0 | > 10.0 to < 20.0 |
| C | > 15.0 to < 25.0 | > 20.0 to < 35.0 |
| D | > 25.0 to < 35.0 | > 35.0 to < 55.0 |
| E | > 35.0 to < 50.0 | > 55.0 to < 80.0 |
| F | > 50.0 | > 80.0 |

**Source:** HCM 6 (TRB 2016).

A queuing analysis using SimTraffic 11 software was conducted was conducted to determine the 95th percentile (design) queue and the average queue of the existing and proposed storage lanes at the N. Woodside Avenue/S. Woodside Avenue – SR-67 SB Off-Ramp intersection. The 95th percentile and average queues are then compared to the provided storage lane lengths to determine whether the queue can be adequately stored.

## 1.4 Need for Roadway Improvements and Mitigation Measures

Table 3 indicates when a project's effect on the roadway system is considered to justify the need for roadway improvements. That is, if a project's traffic effect causes the values in this table to be exceeded, roadway improvements should be considered.

**Table 3. Determination of the Need for Roadway Improvements**

| Level of Service with Project | Allowable change Due to Project Effect | | | | |
|---|---|---|---|---|---|
| | Freeways | | Roadway Segments | | Intersections |
| | V/C | Speed (mph) | V/C | Speed (mph) | Delay (Seconds) |
| LOS E and F | 0.01 | 1 | 0.02 | 1 | 2 |

**Source:** Table 7-1 Determination of the Need for Roadway Improvements, Guidelines for San Diego Region. Guidelines for Transportation Impact Studies in the San Diego Region (May 2019).
**Notes:** V/C = Volume-to-Capacity, mph = miles per hour

The San Diego region guidelines state that not all improvement measures can feasibly consist of roadway widening (new lanes or new capacity). Therefore, financing toward a defined Intelligent Transportation System project, enhanced traffic signal communications project, or active transportation projects should be considered.

Additionally, per City of Santee Mobility Element Policy 2.1, “The City shall encourage an automobile Level of Service “D” on street segments and at intersections throughout the circulation network while also maintaining or improving the effectiveness of the non-automotive components of the circulation system (i.e. pedestrians, bicyclists, and public transit). The City may approve a lower automobile Level of Service if it finds that the effectiveness of non-automotive components of the circulation system would be maintain ed or improved as a result. In other cases, the City shall not approve any development that causes a drop in the level of service at a street segment or an intersection to LOS "E" or "F", after feasible mitigation, without overriding social, economic, or other benefits.

For impacts related to CEQA analysis, i.e., VMT analysis, mitigation measures may include Transportation Demand Management recommendations – transit facilities, bike facilities, telecommuting, rideshare programs, flex-time, carpool incentives, parking cash-out, complete or partial subsidization of transit passes, etc.

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# 2 Project Traffic

This section documents the trip generation, distribution, and assignment of project traffic in the study area. Due to discrepancies between industrial trip rates provided in SANDAG and ITE trip generation sources, the City allowed Dudek to conduct a Trip Generation Survey to determine the appropriate trip generation rates for the project. A trip generation survey of existing, similar industrial land uses was conducted to substantiate the use of trip rates from the current edition of the Institute of Transportation Engineers (ITE) Trip Generation, 11th Edition (2021). See Appendix A for details on the Trip Generation Survey and selection of ITE Industrial Park trip rate for the proposed project.

## 2.1 Trip Generation

Based on the driveway traffic count results, and the trip generation observed at all three industrial use sites (see Appendix A), the City approved the use of the ITE trip generation rate for the Industrial Park use (ITE Code 130) to estimate the project's daily, AM peak hour, and PM peak hour trip generation. The ITE daily trip rate (3.37 trips/TSF) is higher than Site 1 which had the highest surveyed empirical rate (3.15 trips/TSF). Additionally, to provide a conservative estimate of truck trips, the warehouse truck fleet mix from the South Coast Air Quality Management District's (SCAQMD) Warehouse Truck Trip Study Data Results and Usage (2014) was used to estimate project-related truck traffic. Based on the SCAQMD data, passenger cars would account for 72.5% trips of the total trips generated by a warehouse facility, and truck trips would account for approximately 27.5% of the total trips. The ITE and SCAQMD trip generation data are widely used for other industrial projects in southern California.

The total percentage of truck trips were further divided by 2-axle, 3-axle, and 4+ axle trucks per the SCAQMD study. These truck trips generated by the project are provided in passenger car equivalence (PCE) trips by using appropriate PCE factors. PCE factors consistent with the standard practice were used to estimate the total PCE trips for the project.

Using the trip rate for an Industrial Park contained in the ITE Trip Generation Manual, the project's daily, AM peak hour, and PM peak hour trips were estimated. As shown in Table 4, the proposed project would generate approximately 1,011 daily non-PCE trips, 102 AM peak hour trips (83 inbound and 19 outbound), and 103 PM peak hour trips (23 inbound and 80 outbound). Adjusting for PCE, the proposed project would generate approximately 1,440 daily PCE trips, 148 AM PCE peak hour trips (121 inbound and 27 outbound), and 146 PM PCE peak hour trips (30 inbound and 116 outbound).

## 2.2 Trip Distribution and Assignment

Project trip distribution percentages are based on logical travel paths to and from the project site, review of traffic studies conducted for nearby projects, and consideration of the traffic distribution patterns in the area. Figure 3 illustrates the proposed project trip distribution. As shown in the figure, approximately 80% of the passenger cars would west and 20% would travel east along Woodside Avenue from the project site. A majority of project-related trucks (approximately 90%) would travel west on Woodside Avenue to access the SR-52 ramps from Magnolia Avenue. The remaining 10% of project trucks would travel east on Woodside Avenue.

Based on the distribution percentage, Figures 4, 5, and 6 illustrate the project trip assignment for cars, trucks, and total trips (in PCE), respectively.

## Table 4. Project Trip Generation Summary

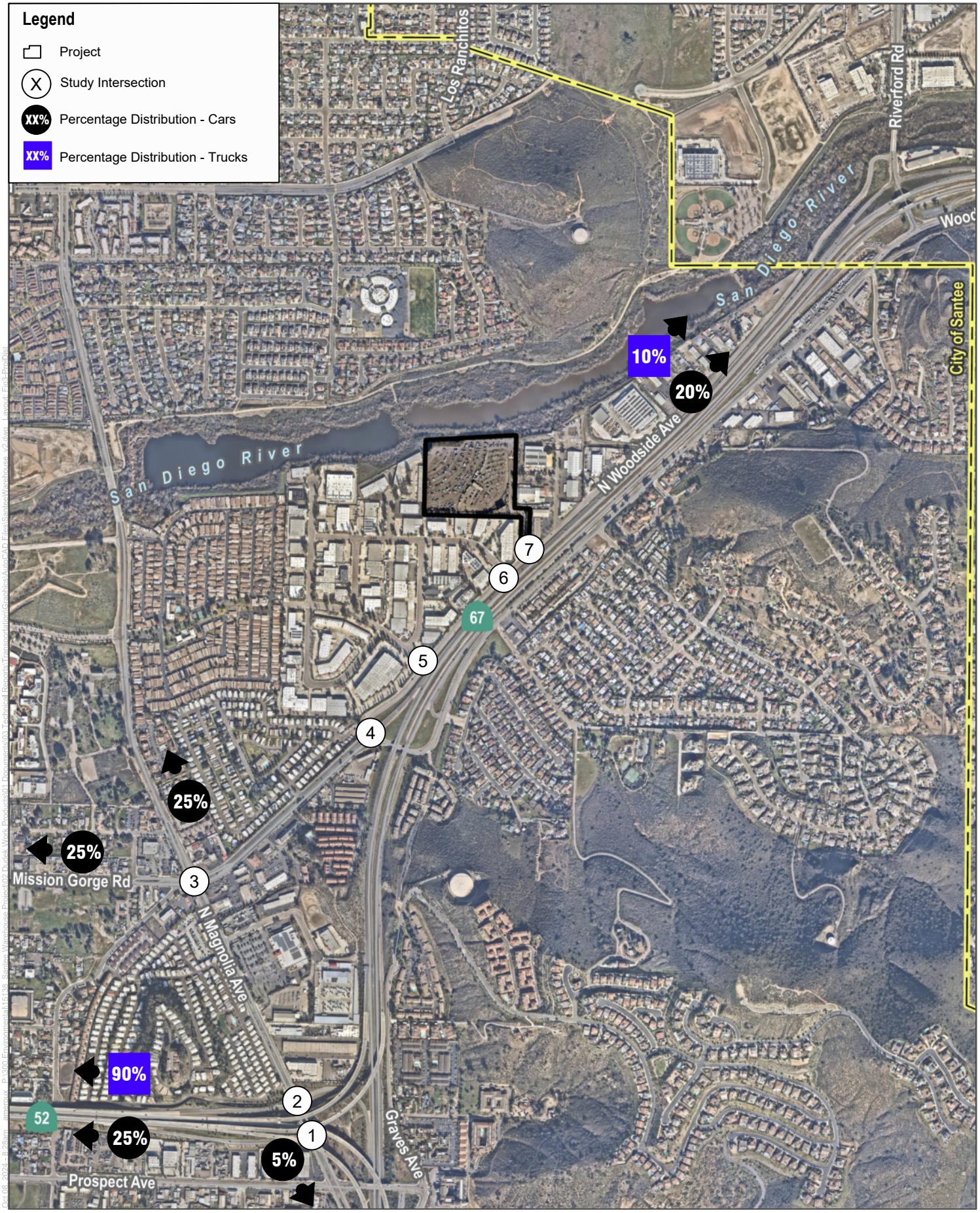
| Land Use | Daily Trip Rate/Unit | | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|---|---|
| | | | In | Out | Total | In | Out | Total |
| **Trip Rates and Trip Generation** | | | | | | | | |
| Industrial Park1 | 3.37 trips/TSF | | 0.28 | 0.06 | 0.34 | 0.07 | 0.27 | 0.34 |
| **Land Use** | **Units** | **Daily** | | | | | | |
| Project (300.145 TSF) | **Total Trips (non-PCE)** | **1,011** | **83** | **19** | **102** | **23** | **80** | **103** |
| | *Passenger Cars* | *733* | *60* | *14* | *74* | *16* | *58* | *74* |
| | **Trucks (non-PCE)** | **278** | **24** | **5** | **29** | **6** | **23** | **29** |
| **Trip Generation (Non-PCE)** | | | | | | | | |
| Vehicle Mix[2] | Passenger Cars (72.5%) | 733 | 60 | 14 | 74 | 16 | 58 | 74 |
| | 2-axle Trucks (4.6%) | 46 | 4 | 1 | 5 | 1 | 4 | 5 |
| | 3-axle Trucks (5.7%) | 58 | 5 | 1 | 6 | 1 | 5 | 6 |
| | 4+axle Trucks (17.2%) | 174 | 15 | 3 | 18 | 4 | 14 | 18 |
| | **Non - PCE Trips** | **1,011** | **83** | **19** | **102** | **23** | **80** | **103** |
| **Trip Generation (PCE)** | | | | | | | | |
| PCE Factor[3] and PCE Trips | Passenger Cars (72.5%) | 733 | 60 | 14 | 74 | 16 | 58 | 74 |
| | 2-axle Trucks (4.6%) | 70 | 6 | 1 | 7 | 1 | 6 | 7 |
| | 3-axle Trucks (5.7%) | 115 | 10 | 2 | 12 | 2 | 10 | 12 |
| | 4+axle Trucks (17.2%) | 522 | 45 | 9 | 54 | 11 | 42 | 53 |
| | **PCE Trips** | **1,440** | **121** | **27** | **148** | **30** | **116** | **146** |

**Notes:** TSF = thousand square feet, PCE = passenger car equivalent Some of the totals may not match exactly due to rounding.

1 Trip rates from the ITE.

2 Vehicle Mix from the SCAQMD 2014

3 Passenger Car Equivalent (PCE) factors are assumed to be 1.0 for passenger vehicles, 1.5 for 2-axle trucks, 2.0 for 3-axle trucks, and 3.0 for 4-axle trucks.




SOURCE: SanGIS, Open Street Maps

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**FIGURE 3**

Project Trip Distribution

Palisade Santee Commerce Center Project

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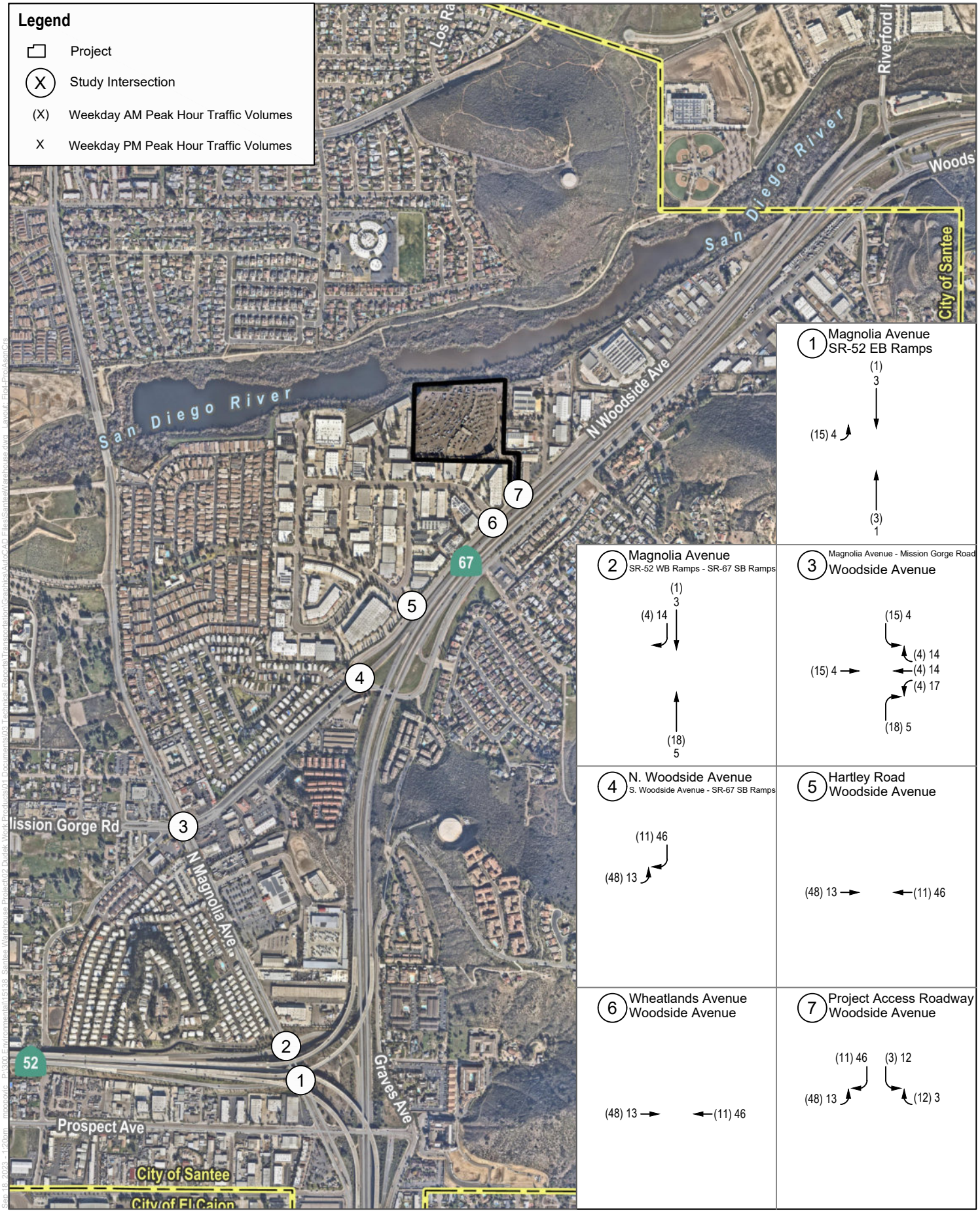


SOURCE: SanGIS, Open Street Maps

DUDEK NOT TO SCALE

**FIGURE 4**

Project Trip Assignment (Cars)

Palisade Santee Commerce Center Project

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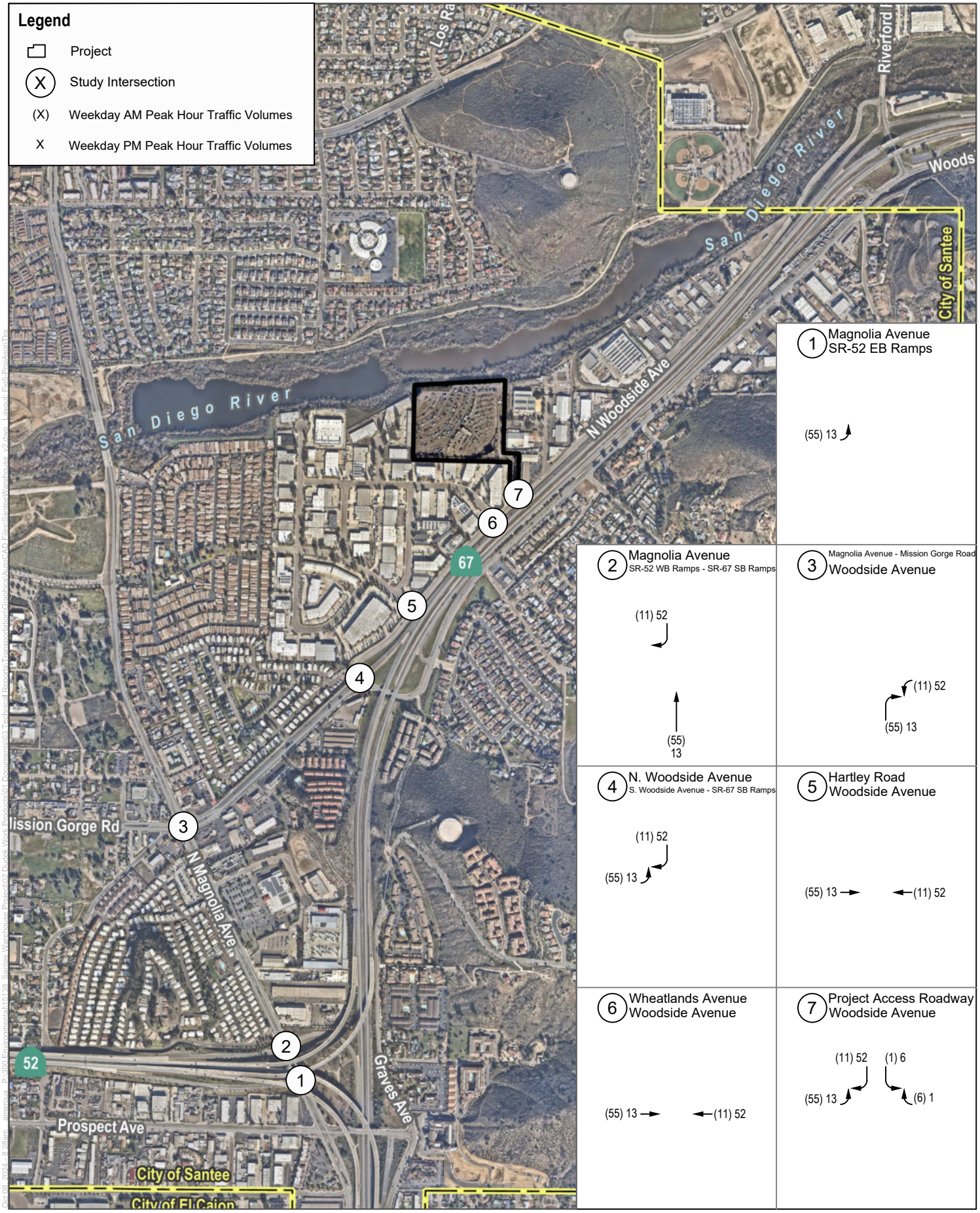


SOURCE: SanGIS, Open Street Maps

DUDEK

NOT TO SCALE

**FIGURE 5**

Project Trip Assignment (Trucks – PCE)

Palisade Santee Commerce Center Project

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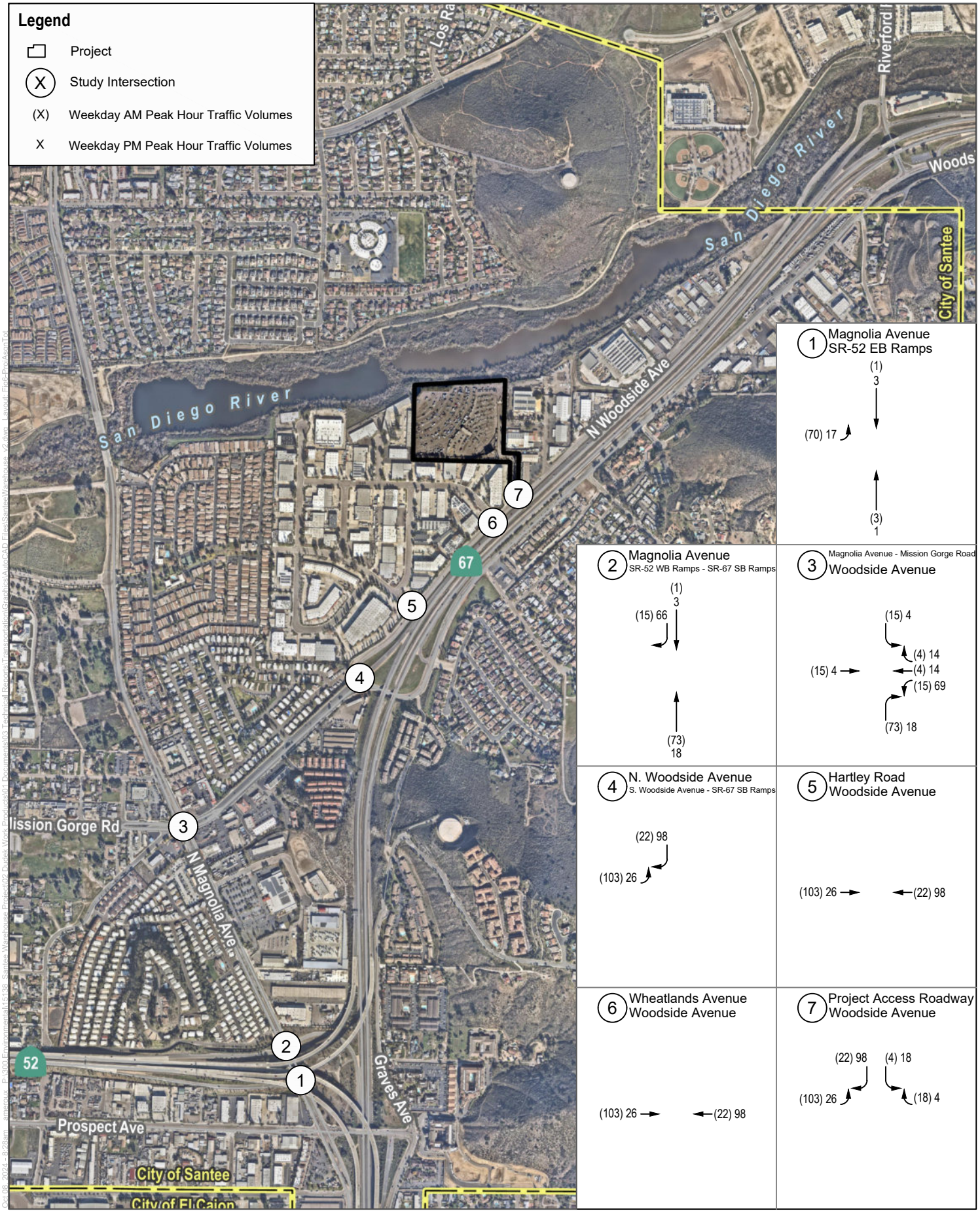


SOURCE: SanGIS, Open Street Maps

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**FIGURE 6**

Total Project Trip Assignment (Cars and Trucks – PCE)

Palisade Santee Commerce Center Project

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# 3 Existing Conditions

Characteristics of the adjacent existing street system roadways within the study area are described below. The existing traffic controls and geometrics at the study area intersections are shown in Figure 7.

## 3.1 Roadway System

Regional access to the project would be provided by SR-52 and SR-67. Local access to the project would be provided by Magnolia Avenue and Mission Gorge Road-Woodside Avenue. Both of these roadways are designated truck routes within the City.

### Roadways

Characteristics of the adjacent existing street system roadways within the study area are described below.

#### Woodside Avenue

Woodside Avenue is an east-west roadway from Magnolia Avenue (where Mission Gorge Road ends) to Chestnut Street in Lakeside. Between Magnolia Avenue and SR-67 southbound-off ramp-Woodside Avenue intersection, Woodside Avenue is a Major Arterial, with four lanes and a center-two-way-left-turn lane (TWLTL). There are Class II bike lanes are provided on both sides of Woodside Avenue. The posted speed limit is 45 miles per hour (MPH).

Woodside Avenue splits into N. Woodside Avenue and Woodside Avenue east of the intersection with the SR-67 southbound off-ramp with N. Woodside Avenue paralleling SR-67 on the north and Woodside Avenue paralleling SR-67 on the south. N. Woodside Avenue is the segment between the SR-67 southbound-off ramp-Woodside Avenue intersection to Riverford Road in the Lakeside community of San Diego, and is designated as a Collector Road with a TWLTL. It is currently constructed with one lane in each direction with a center TWLTL and dedicated left-turn lanes at its intersections with Harley Road and Wheatlands Avenue. North of Wheatlands Avenue, the roadway is one lane in each direction without a TWLTL or dedicated left-turn lanes at intersections. There are Class II bike lanes on both sides of the N. Woodside Avenue. On-street parking is permitted along north side of N. Woodside Avenue. There are intermittent sidewalks along the roadway. The posted speed limit in the vicinity of the project is 40 MPH.

#### Magnolia Avenue

Magnolia Avenue is a north-south roadway. It is classified as a Major Arterial north of Mission Gorge Road and Prime Arterial from Mission Gorge Road to Prospect Avenue. On-street parking is not permitted along the roadway from Mission Gorge Road to Prospect Avenue. There is paved sidewalk along Magnolia Avenue. The posted speed limit along the roadway is 45 miles per hour.

## 3.2 Transit System

The San Diego Metropolitan Transit System (MTS) provides public transportation throughout Santee and northern San Diego County. Figure 8a illustrates the transit facilities in the vicinity of the proposed project. The nearest MTS bus routes serving the project are described below.

- Route 832 runs clockwise from Santee Town Center to northern Santee and back to Santee Town Center via Cuyamaca Street, and Magnolia Avenue. The route operates between 6:17am and 6:56pm on weekdays, with 30-minute headways, and between 8:25am and 4:45pm on weekends with 60-minute headways. The nearest bus stop is located west of the Magnolia Avenue and Mission Gorge Road – Woodside Avenue intersection, approximately 0.90 miles from the project site.
- Route 833 runs from the Santee Transit Center to the El Cajon Transit Center, via Mission Gorge Road, Magnolia Avenue, and Graves Avenue. The route operates between 5:52am and 6:12pm on weekdays, with 45-minute headways, and between 8:53am and 5:10pm on weekends, with 60-minute headways. The nearest bus stop is located west of Magnolia Avenue and Mission Gorge Road – Woodside Avenue intersection, approximately 0.90 miles from the project site.
- Route 834 runs in a loop, connecting the Santee Transit Center to the West Hills Parkway area, via Prospect Avenue and Carlton Oaks. The route operates only on weekdays from 6:33am to 3:30pm with 60-minuite headways. The nearest bus stop to the project site is approximately 2 miles away.

The City of Santee is served by the Green Line Trolley (Route 530), with the sole station within the City located at the Santee Transit Center. The Green Line connects Santee to the larger San Diego region and provides service into Downtown San Diego. The route operates from 5:00am to 1:00am with 15-minute headways on weekdays, and 30-minute headways on weekends. MTS ACCESS provides complementary, on-demand paratransit service to fulfill the unmet needs of residents such as seniors and persons with disabilities.

## 3.3 Pedestrian and Bicycle Facilities

The General Plan Circulation Element identifies the following bicycle facility classifications, as defined by Caltrans:

- **Class I Bikeway (Bike Path)** provide a completely separated right-of-way designated for the exclusive use of bicycles and pedestrians with crossflows by motor vehicles minimized.
- **Class II Bikeway (Bike Lane)** provides a striped lane designed for the exclusive or semi-exclusive use of bicycles with through travel by motor vehicles or pedestrians prohibited, but with pedestrian and motor vehicle crossflows permitted.
- **Class III Bikeway (Bike Route)** provides shared use of traffic lanes with cyclists and motor vehicles, identified by signage and street marking such as sharrows.
- **Class IV Bikeway (Cycle Track)** are separated bikeways that provide right-of-way designated exclusively for bicycle travel within the roadway and physically protected from vehicular traffic.

A Class II Bike Lane runs along Woodside Avenue; the bike lane along Woodside Avenue connects to bike route along Shadow Hill Road and Northcote Road, however, it does not connect to any other bicycle facility in the City. The Planned Bicycle Network in the Mobility Element is based on Active Santee Plan (2021). It recommends Class II bike lanes along Mission Gorge Road between Riverview Parkway and Magnolia Avenue and along Magnolia

Avenue between Mast Boulevard and Mission Gorge Road. Figure 8b illustrates the existing and proposed bike facilities near the project.

Sidewalks and pedestrian facilities are provided along one side of Woodside Avenue, and adjacent roadways within one-half mile of the project site. While pedestrian facilities such are crosswalks are missing within the immediate project area, the Santee Active Transportation Plan has identified this area as in need and is committed to improve the area by installing missing segments of sidewalks, adding pedestrian ramps and crosswalks, and relocating utility facilities as needed.

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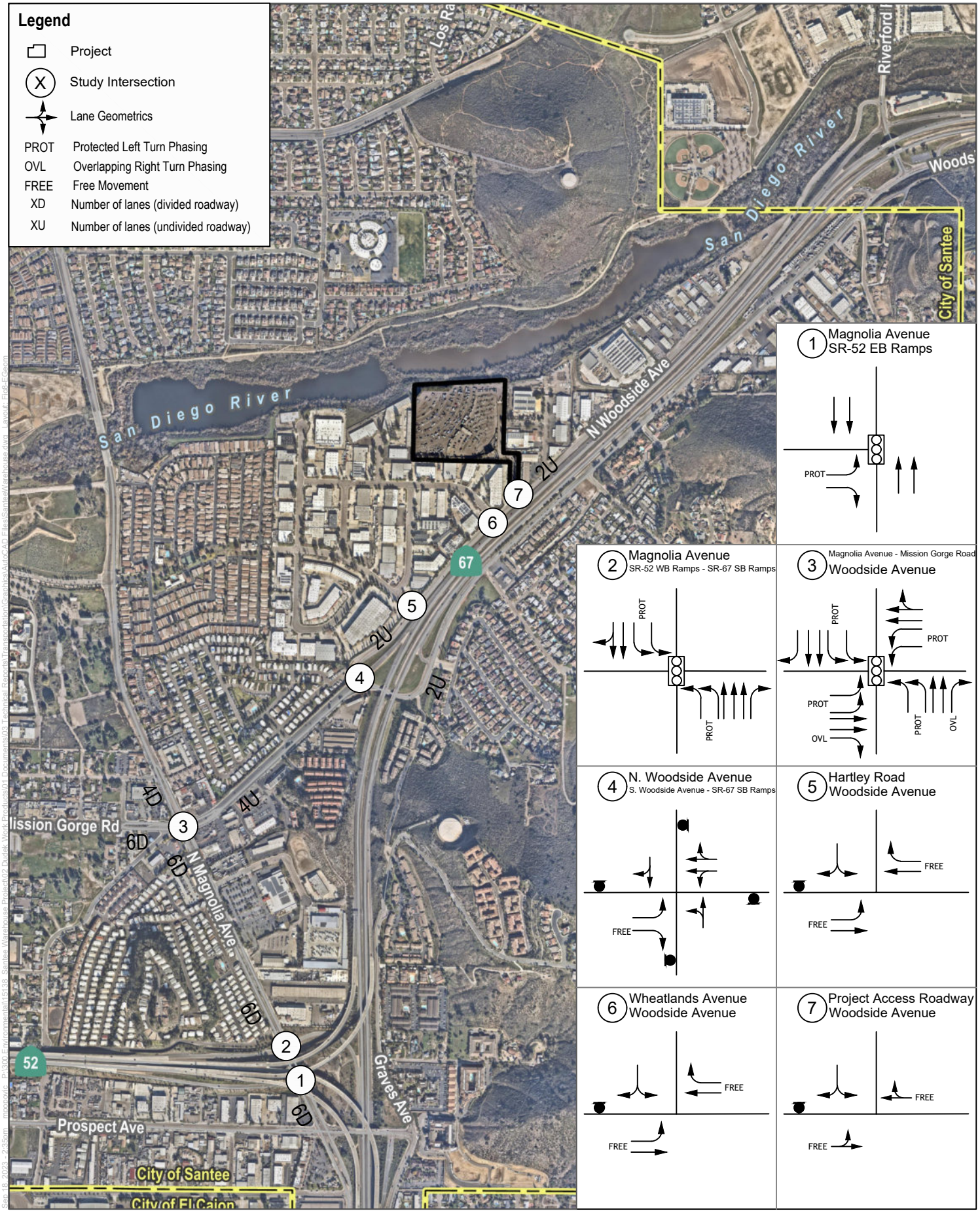


SOURCE: SanGIS, Open Street Maps

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**FIGURE** 7

Intersection Control and Geometrics

Palisade Santee Commerce Center Project

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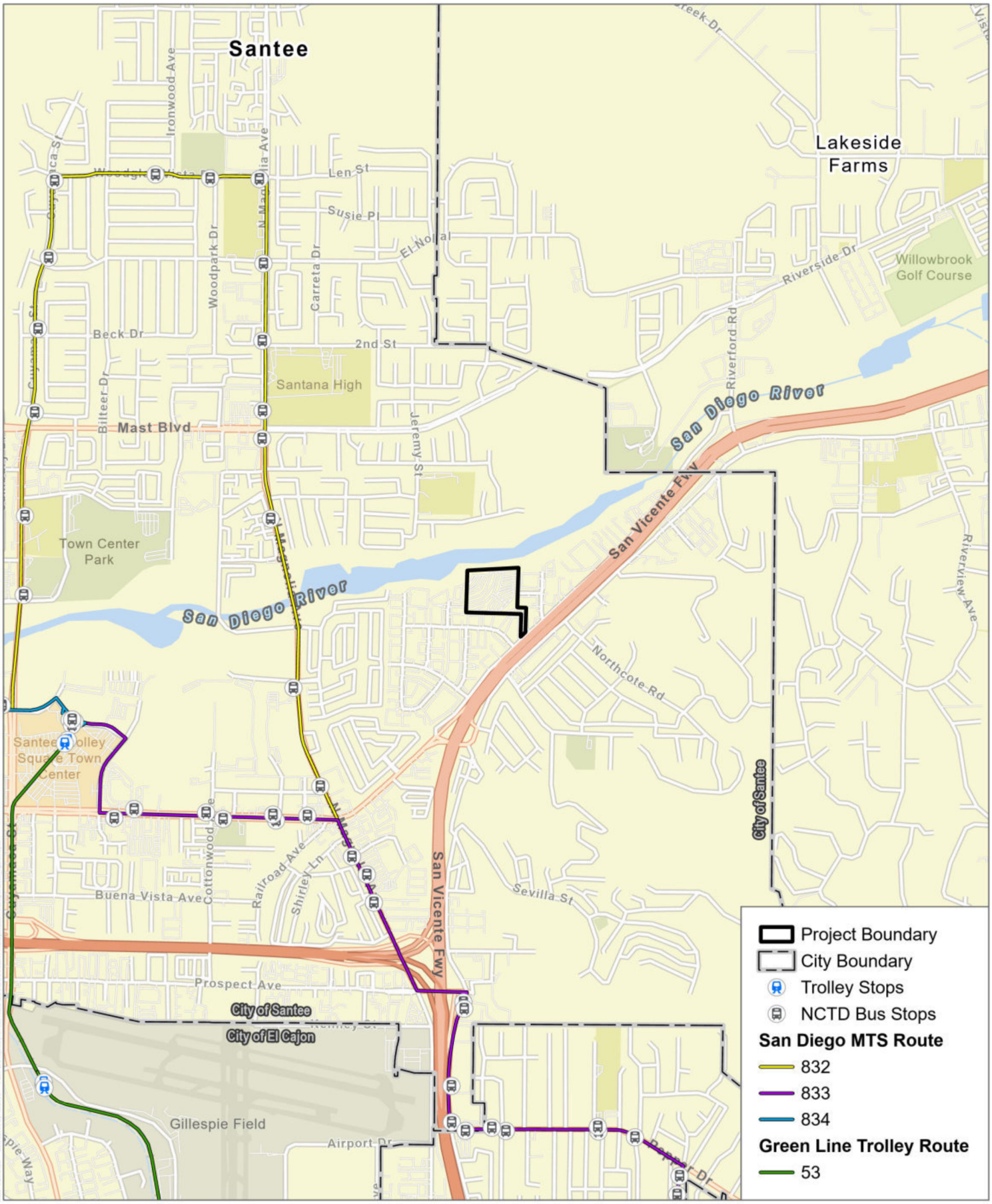


SOURCE: SanGIS 2019; Open Street Maps; SanGIS 2023

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**FIGURE 8a**

Transit Facilities

Palisades Santee Commerce Center Project

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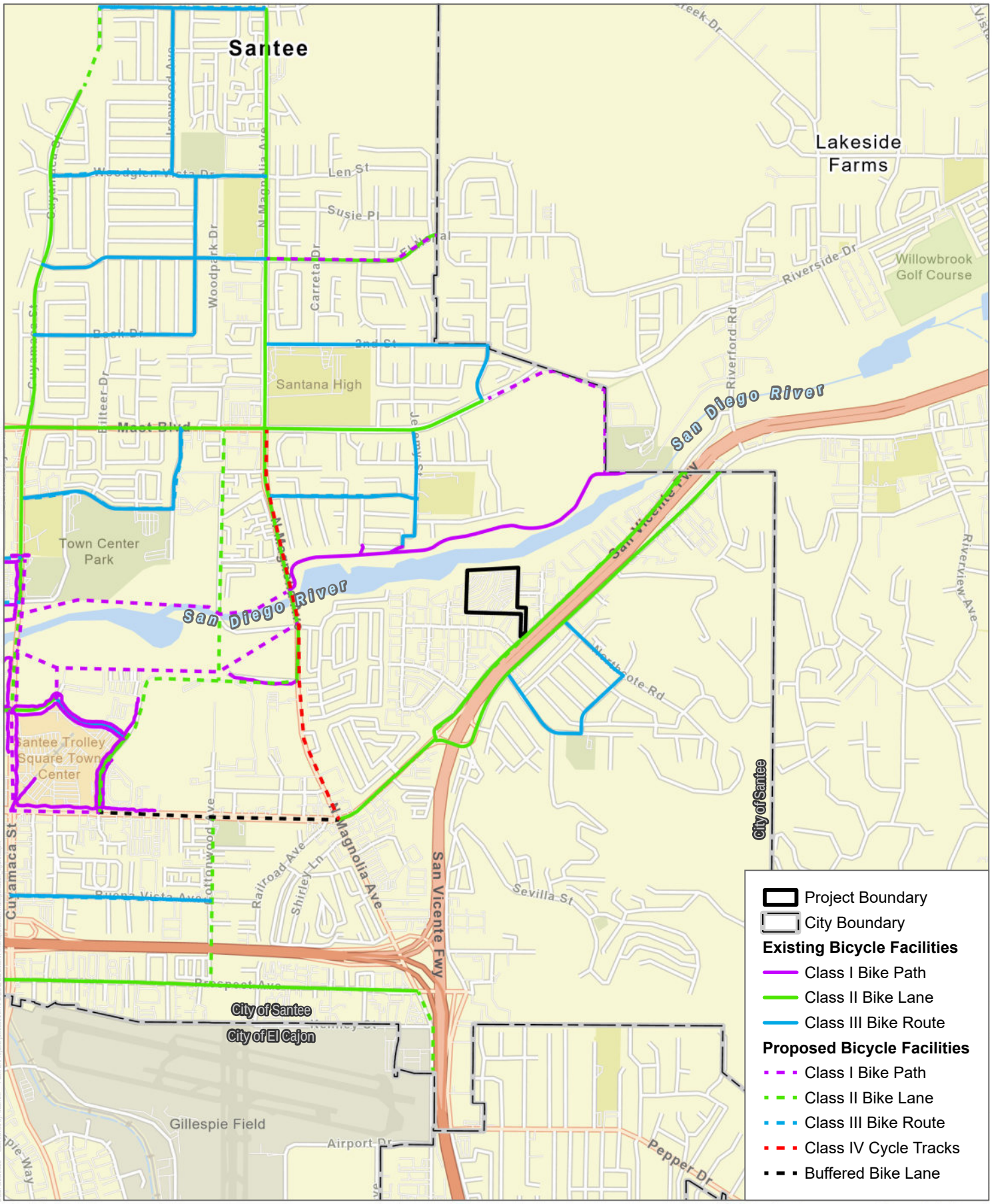


SOURCE: SanGIS 2019; Open Street Maps; SanGIS 2023; City of Santee 2017

FIGURE 8b

Bike Facilities

Palisades Santee Commerce Center Project

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# 4 Vehicle Miles Traveled

This section documents the VMT screening, analysis, and mitigation measures applicable to the project per City of Santee VMT Analysis Guidelines (April 13, 2022).

## 4.1 VMT Screening Analysis

The requirements to prepare a detailed transportation VMT analysis apply to all discretionary land development projects that are not exempt from CEQA, except those that meet at least one of the transportation screening criteria described below. A project that meets at least one of the screening criteria per City's VMT guidelines below would be presumed to have a less than significant VMT impact due to project characteristics and/or location.

### Projects Located in a Transit-Accessible Area

Projects located within a half-mile radius of an existing major transit stop or an existing stop along a high quality transit corridor[1] may be presumed to have a less-than-significant impact absent substantial evidence to the contrary. A map of existing major transit stops and existing stops along high-quality transit corridors is provided in Appendix D of the City's guidelines. The proposed project is not located within a half-mile radius of an existing transit priority area or an existing stop along a high-quality transit route, therefore it cannot be screened out using this criteria.

### Small Projects

Projects generating 500 or fewer net new daily vehicle trips may be presumed to have a less-than significant impact absent substantial evidence to the contrary. Trips are based on the number of vehicle trips calculated using SANDAG's (Not So) Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region or ITE trip generation rates with any alternative modes/location-based adjustments applied. As shown in Section 2, the project would generate 1440 PCE daily trips, therefore would not be considered a small project and cannot be screened out using this criteria.

### Local Serving Retail Projects

Local serving retail generally improves the convenience of shopping close to home and has the effect of reducing vehicle travel. Local serving retail projects less than 50,000 square feet that are expected to draw approximately 75% of customers from the local area (roughly 3-miles) are presumed to have a less than significant impact absent substantial evidence to the contrary. Retail projects that are between 50,000 square feet and 125,000 square feet with similar customer attraction (approximately 75% from local area) may also be presumed locally-serving. The project does not propose retail uses, therefore it cannot be screened out using this criteria.

### Local Serving Public Facilities

Public facilities that serve the surrounding community or public facilities that are passive use may be presumed to have a less-than-significant impact absent substantial evidence to the contrary. Transit centers, public schools,

[1] Major transit stop: a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods. High quality transit corridor: a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute periods.

libraries, post offices, park-and-ride-lots, police and fire facilities, parks and trailheads, government offices, passive public uses and other public uses are considered local serving public facilities. The project does not propose local serving public facilities, therefore it cannot be screened out using this criteria.

### Redevelopment Projects with Lower Total VMT

A redevelopment project may be presumed to have a less-than-significant impact absent substantial evidence to the contrary if the proposed project's total project VMT is less than the existing land use's total VMT and the CEQA action includes closing the existing land use. Although the project would redevelop an existing site, this criterion was not applied to the project.

### Infill Affordable Housing

City of Santee presumes deed-restricted affordable housing projects that meet the following conditions meet the City's screening criteria and would not require a VMT analysis.

- Is an infill project (note that most of the City of Santee is presumed to be an infill location);
- Consists of a minimum of 52% affordable housing;
- Is within ½ mile radius of a transit stop or station; and
- Project-provided parking does not exceed parking required by the City's Municipal Code

The project does not propose infill affordable housing; therefore it cannot be screened out using this criteria.

### Projects in a VMT-Efficient Area

A VMT-efficient area is any area within the City with an average VMT/capita or VMT/employee below the thresholds as compared to the baseline City/Regional VMT per capita for the TAZ that the project is located within. VMT efficient areas are accessed through SANDAG's SB743 VMT maps[2].

The project site is within Census Tract 166.07 under the current SANDAG Travel Demand model. Based on the San Diego Region SB743 VMT Maps and using City's criteria for evaluation of Industrial projects, the project is within a high-VMT generating area for VMT per employee (i.e., greater than or equal to the regional mean). Compared to the regional mean of 18.9 VMT per employee, the VMT per employee of the project's census tract is 22.2 VMT.

Therefore, it can be inferred that the proposed project is not located in a VMT-efficient area and would result in a significant VMT impact.

The significance threshold, project VMT, and mitigation measures are discussed below.

[2] San Diego Region SB 743 VMT Map accessed at San Diego Region SB743 VMT Maps (arcgis.com)

## 4.2 VMT Threshold of Significance

The significant thresholds and specific VMT metrics used to measure VMT are described by land use type below:

> **Industrial Employment projects** located within a VMT-efficient area may be presumed to have a less than-significant impact absent substantial evidence to the contrary. A VMT-efficient area for industrial employment projects is any area with an average VMT/employee at or below the baseline regional average for the TAZ that the project is located within.

## 4.3 Project VMT Analysis

Since the project's daily trip generation estimate would be below 2,400 average daily trips, and the project's census tract includes other employee-based uses, a project-specific model run by SANDAG would not be required. The results of the SANDAG SB 743 VMT maps have been used in the project's VMT analysis. Compared to the regional mean of 18.9 VMT per employee, the VMT per employee of the project's census tract is 22.2 VMT. Because the project's VMT is higher than the regional average of the census tract it is located within, the project would result in a significant VMT impact. Table 5 provides project's VMT summary. Figure 9 illustrates the SANDAG SB 743 VMT Map for the project site.

**Table 5. Project VMT Summary**

| Criteria | VMT/per Employee |
|---|---|
| Baseline Regional VMT/employee | 18.9 |
| VMT Threshold (at or below Baseline) | 18.9 |
| Project TAZ VMT/Employee | 22.2 |
| % Reduction Required | 15% |

**Note:** VMT = vehicle miles traveled

## 4.4 Cumulative VMT Impact

If a project is consistent with the assumptions in the SANDAG 2021 Regional Plan, the existing conditions project-level analysis is sufficient to determine cumulative impacts. If a project is not consistent with the assumptions in the SANDAG 2021 Regional Plan, a cumulative analysis may be necessary. A project effect on VMT under cumulative conditions would be considered significant if the cumulative VMT/capita or VMT/employee under the future year "plus project" condition exceeds the base year thresholds (i.e., 18.9).

The project is consistent with the General Plan land use of the project site and would provide employment as proposed in the traffic analysis zone. The VMT/employee under Year 2035 or cumulative conditions is 20.1, which exceeds the existing threshold of 18.9 VMT per employee. Therefore, it can be concluded that the project would also result in a significant cumulative impact.

## 4.5 Mitigation Measures

To mitigate project's VMT impacts, the project applicant must reduce VMT, which can be done by either reducing the number of automobile trips generated by the project or by reducing the distance that people drive. The following strategies are available to achieve this:

1. Modify the project's built environment characteristics to reduce VMT generated by the project.
2. Implement TDM measures to reduce VMT generated by the project

Strategies that reduce single-occupant automobile trips or reduce travel distances are called Transportation Demand Management (TDM) strategies. The City VMT guidelines recommend using strategies from the California Air Pollution Control Officers Association (CAPCOA) Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity (2021) (GHG Reduction Handbook) and the SANDAG Mobility Management Guidebook/VMT Reduction Calculator Tool.

The following table includes TDM strategies from CAPCOA 2021 and their applicability to the project.

**Table 6. Transportation Demand Management Measures**

| Trip Reduction Program | Description | Maximum Reduction Possible | Project Reduction Possible |
|---|---|---|---|
| T-5 | Implement Commute Trip Reduction Program (CTR) (Voluntary): CTR programs discourage single-occupancy vehicle trips and encourage alternative modes of transportation such as carpooling, taking transit, walking, and biking, thereby reducing VMT and GHG emissions. | 4% | Assuming 100% employees are eligible for program, a 4% reduction can be achieved. |
| T-6 | Implement Commute Trip Reduction Program (Mandatory Implementation and Monitoring) (Must include T-6 - T-10) | 26% | Selected measures from T-6 to T-10 are included in this measure. |
| T-7 | Implement Commute Trip Reduction Marketing: This measure will implement a marketing strategy to promote the project site employer's CTR program. Information sharing and marketing promote and educate employees about their travel choices to the employment location beyond driving such as carpooling, taking transit, walking, and biking, thereby reducing VMT and GHG emissions. | 4% | Assuming 100% employees are eligible for program, a **4%** reduction can be achieved by the project. See Appendix B for details on project VMT reduction. |
| T-8 | Provide Ridesharing Program: This measure will implement a ridesharing program and establish a permanent transportation management association with funding requirements for employers. Ridesharing encourages carpooled vehicle trips in place of single-occupied | 8% | Assuming sub-urban location of the project, 100% employees are eligible for program, a **4%** reduction can be achieved by the project. See Appendix B for details on project VMT reduction. |

**Table 6. Transportation Demand Management Measures**

| Trip Reduction Program | Description | Maximum Reduction Possible | Project Reduction Possible |
|---|---|---|---|
| | vehicle trips, thereby reducing the number of trips, VMT, and GHG emissions. | | |
| T-9 | Implement Subsidized or Discounted Transit Program: This measure will provide subsidized or discounted, or free transit passes for employees and/or residents. Reducing the out-of-pocket cost for choosing transit improves the competitiveness of transit against driving, increasing the total number of transit trips and decreasing vehicle trips. This decrease in vehicle trips results in reduced VMT and thus a reduction in GHG emissions. | 5.5% | Assuming average transit fare of $2.50 would be subsidized and 100% of the employees would be eligible to participate in this program. Because 72.5% of the project trips are from employees, approximately 72.5% of project-generated VMT can be as assumed to be from employees. Based on the above inputs, a **0.74%** VMT reduction can be achieved by the project. See Appendix B for details on project VMT reduction. |
| T-10 | Provide End of Trip Bicycle Facilities: This measure will install and maintain end-of-trip facilities for employee use. End-of-trip facilities include bike parking, bike lockers, showers, and personal lockers. The provision and maintenance of secure bike parking and related facilities encourages commuting by bicycle, thereby reducing VMT and GHG emissions. | 4.4% | For San Diego-Carlsbad area, a **0.57%** reduction can be achieved. See Appendix B for details on project VMT reduction. |
| T-11 | Provide Employer-Sponsored Van pool: This measure will implement an employer-sponsored vanpool service. Vanpooling is a flexible form of public transportation that provides groups of 5 to 15 people with a cost-effective and convenient rideshare option for commuting. The mode shift from long-distance, single-occupied vehicles to shared vehicles reduces overall commute VMT, thereby reducing GHG emissions. | 20.4% | It is likely that individual tenants may have employees that sign up with the SANDAG Sustainable Transportation Services program, formerly known as iCommute through ride-sharing program. Therefore, only T-8 has been included as reduction measure. |
| T-12 | Price Workplace Parking: This measure will price on-site parking at workplaces. Because free employee parking is a common benefit, charging employees to park on site increases the cost of choosing to drive to work. This is expected to reduce single-occupancy vehicle commute trips, resulting in decreased VMT, thereby reducing associated GHG emissions. | 20% | Not a suitable measure due to sub-urban project setting that provides few alternate transportation options for employees. |

## Table 6. Transportation Demand Management Measures

| Trip Reduction Program | Description | Maximum Reduction Possible | Project Reduction Possible |
|---|---|---|---|
| T-13 | Implement Employee Parking Cash-Out: This measure will require project employers to offer employee parking cash-out. Cash-out is when employers provide employees with a choice of forgoing their current subsidized/free parking for a cash payment equivalent to or greater than the cost of the parking space. This encourages employees to use other modes of travel instead of single occupancy vehicles. This mode shift results in people driving less and thereby reduces VMT and GHG emissions. | 12% | Not a suitable measure due to sub-urban project setting that provides few alternate transportation options for employees. |
| T-18 | Provide Pedestrian Network Improvement: | 6.4% | The project would add sidewalks along its access road from Woodside Avenue and at the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection. This would result in approximately 0.6 miles from existing 0.4 mile of sidewalk between project driveway and the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection. Based on the above inputs, a **2.51%** VMT reduction can be achieved by the project. See Section 8.3.3. for more details on proposed sidewalk improvement. See Appendix B for details on project VMT reduction. |

**Source:** CAPCOA 2021 and Appendix B
**Note:** VMT = vehicle miles traveled

Based on the review of applicable trip reduction measures to the project, following measures as part of T-5 Commute Trip Reduction Program have been selected to calculate possible reduction:

T-5 Implement Commute Trip Reduction (CTR) Program to include the following measure and estimated project VMT reduction (in %):

- T-7 Implement Commute Trip Reduction Marketing (4%)
- T-8 Provide Ridesharing Program (4%)
- T-9 Implement Subsidized or Discounted Transit Program (0.74%)
- T-10 Provide End of Trip Bicycle Facilities (0.57%)
- T-18 Provide Pedestrian Network Improvements (2.51%)

See Appendix B for calculation of project VMT reduction % corresponding to measures T-7, T-8, T-9, and T-10.

To calculate VMT reduction under each component, the following formula is used:

$$\text{VMT Reduction\%} = 1 - [(1 - 4\%) * (1 - 4\%) * (1 - 0.74\%) * (1 - 0.57\%) * (1 - 2.51\%)] = 11.3\%$$

A VMT reduction of 11.3% would be achieved through the implementation of CTR measures. A reduction of 15% is required to reduce the VMT per employee to at or below regional level. As shown in Section 9, **MM-TRA-1 Trip Reduction Program** would be implemented by the project's tenants to reduce the project's VMT. Because the project's VMT would not be reduced to below significance threshold even with the implementation of **MM-TRA-1 and MM-TRA-2 Construction of Sidewalk** (see Chapter 9 below for details), the project's VMT impact would remain **significant and unavoidable**.

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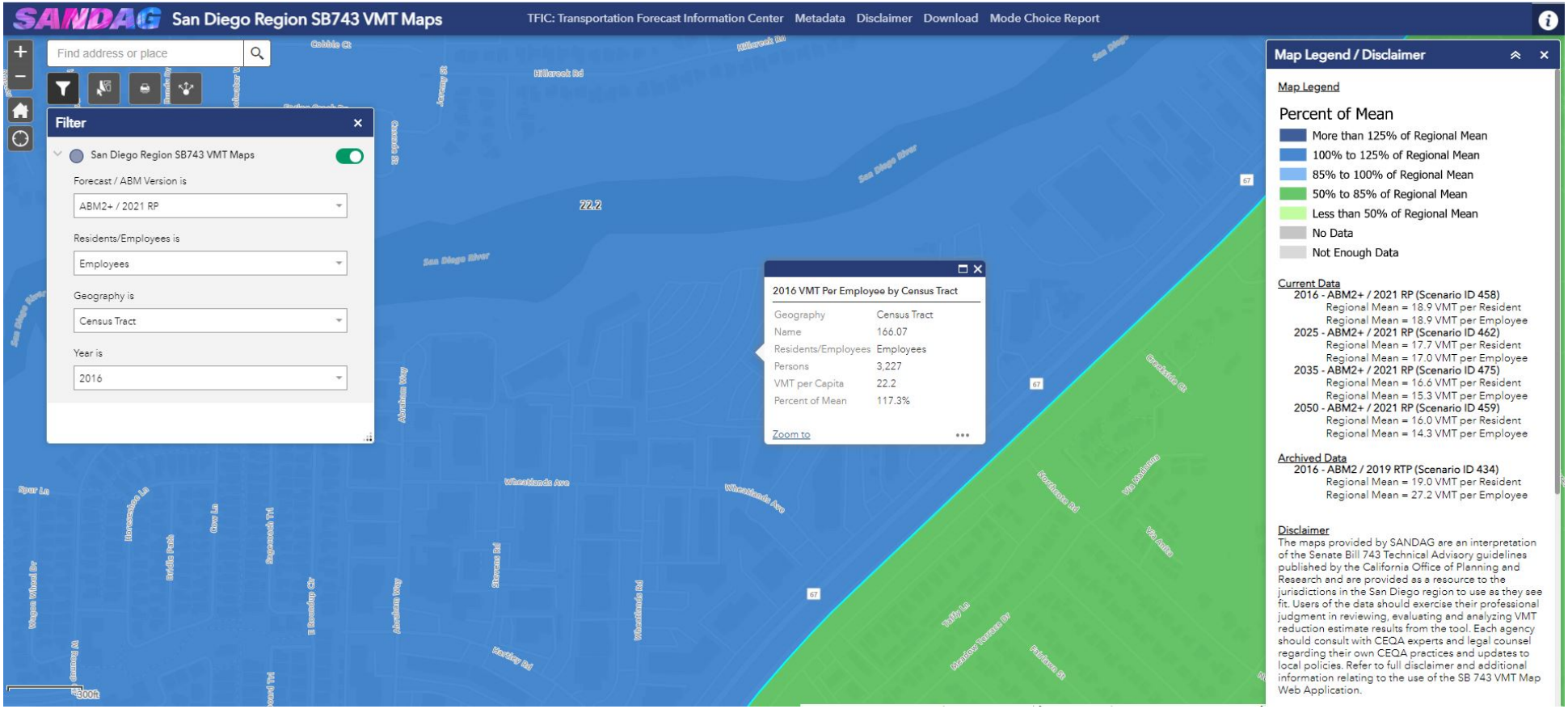


FIGURE **9**

SANDAG SB 743 Map

Palisades Santee Commerce Center Project

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# 5 Existing Traffic Conditions

This section details the traffic volumes and the roadway segment and intersection operations within the study area under Existing and Existing plus Project conditions.

## 5.1 Existing Traffic Volumes

Existing weekday peak hour turn movement counts at the study intersections and roadway segments were conducted in May 2023 during a typical non-holiday week while area schools were in-session. The traffic counts were collected for the AM (7:00 a.m. to 9:00 a.m.) and the PM (4:00 p.m. to 6:00 p.m.) peak periods and 24-hour average daily traffic conditions, for the study area intersections and roadway segments, respectively. The peak periods represent the highest volume of traffic for the adjacent street system. To provide a conservative analysis, existing PCE trips were used in the traffic analysis of the proposed project.

Raw traffic count worksheets are provided in Appendix C. Signal timing sheets for the signalized study intersections provided by Caltrans are included in Appendix D.

## 5.2 Existing Operations

### 5.2.1 Existing Roadway Operations

A roadway segment LOS analysis was prepared for the existing conditions using the roadway segment LOS methodologies as discussed in Section 1.3, Analysis Methodology. Table 7 shows the results of the existing conditions LOS analysis for the study roadway segments. As shown in the table, the study area roadway segments are currently operating LOS C or better under existing conditions.

**Table 7. Existing Roadway Segment Analysis**

| No. | Roadway Segment | Capacity | Existing | | |
|---|---|---|---|---|---|
| | | | ADT | V/C | LOS |
| 1 | Magnolia Avenue, south of Mission Gorge - Woodside Avenue | 60,000 | 32,381 | 0.54 | B |
| 2 | Woodside Avenue, between Magnolia Avenue and Woodside Avenue | 40,000 | 27,134 | 0.68 | C |
| 3 | N. Woodside Avenue, between Woodside Avenue to Project Driveway | 10,000 | 3,725 | 0.37 | A |
| 4 | Project Driveway, north of Woodside Avenue | 2,200 | 117 | NA | NA |

**Notes:** ADT = Average daily traffic; V/C = Volumes to Capacity ratio; LOS = Level of Service; NA = Not Applicable because LOS does not apply to non-CE roads

[1] Classification and LOS determined from City of Santee Mobility Element, Adopted by City Council October 25, 2017 (Resolution No. 114-2017)

### 5.2.2 Existing Intersection Operations

The Existing (PCE) peak hour traffic volumes are shown in Figure 10.

An intersection LOS analysis was prepared for the Existing conditions using HCM 6 methodology via the Synchro LOS software as discussed in Section 1.3. Table 8 shows the results of the Existing conditions analysis. LOS worksheets are provided in Appendix E.

As shown in the table, all intersections are currently operating with satisfactory levels of service (LOS D or better) under Existing conditions.

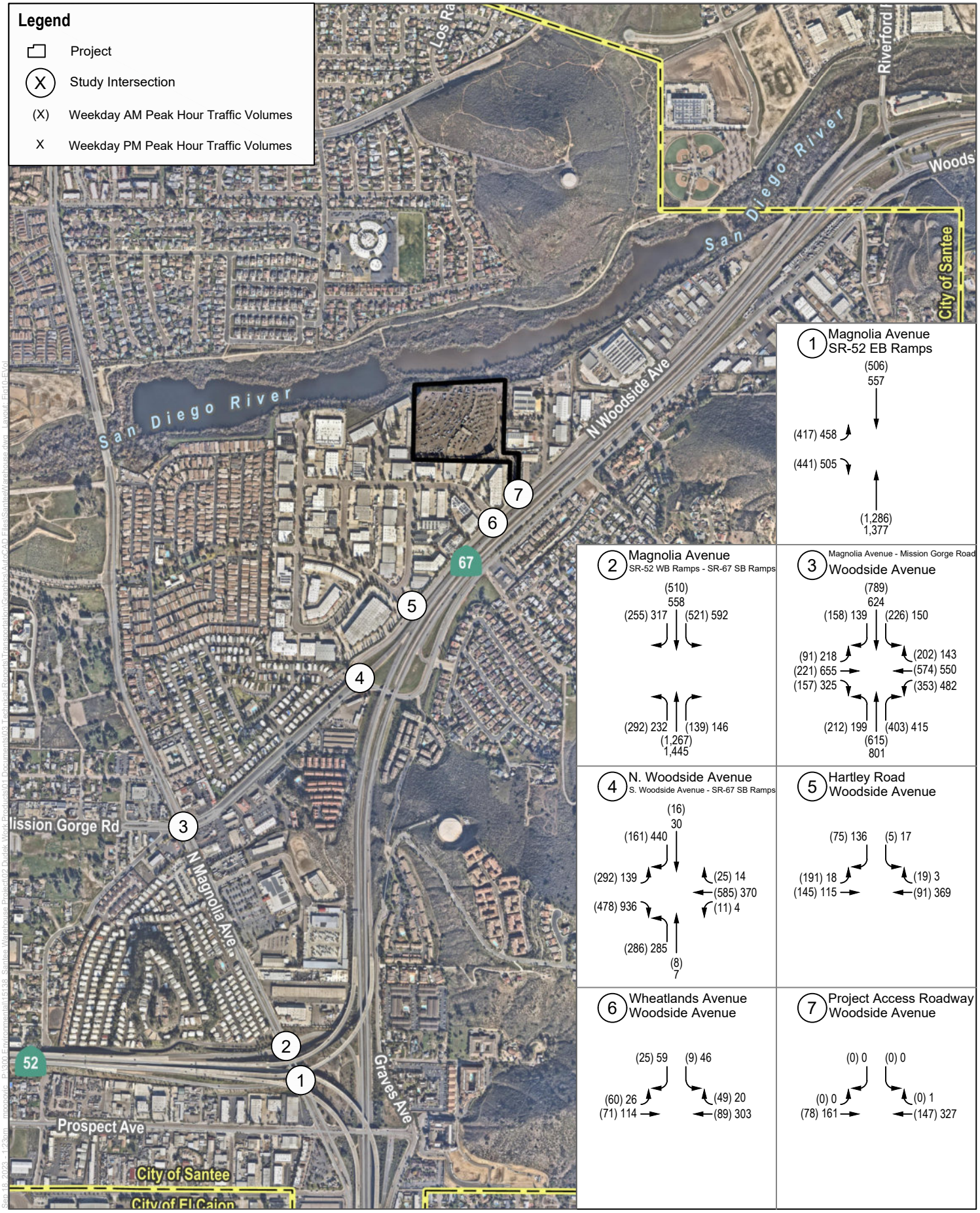
**Table 8. Existing Peak Hour Intersection Level of Service**

| No. | Intersection | LOS Method | Existing | | | |
|---|---|---|---|---|---|---|
| | | | AM Peak | | PM Peak | |
| | | | Delay[1] | LOS[2] | Delay[1] | LOS[2] |
| 1 | Magnolia Avenue/SR-52 EB Off-Ramps | HCM/ Signalized | 21.1 | C | 23.1 | C |
| 2 | Magnolia Avenue/SR-52 WB On-Ramp - SR-67 SB On-Ramp | HCM/ Signalized | 11.2 | B | 10.8 | B |
| 3 | Magnolia Avenue - Mission Gorge Road/Woodside Avenue | HCM/ Signalized | 31.5 | C | 38.5 | D |
| 4 | N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | AWSC | 22.7 | C | 23.3 | C |
| 5 | Hartley Road/N. Woodside Avenue | TWSC | 9.8 | A | 13.7 | B |
| 6 | Wheatlands Avenue/N. Woodside Avenue | TWSC | 9.6 | A | 12.7 | B |
| 7 | Project Access Driveway/N. Woodside Avenue | TWSC | 0.0 | A | 0.0 | A |

**Notes:** HCM = Highway Capacity Manual; **X** – Unsatisfactory operating conditions/LOS; AWSC – All-Way Stop Control; TWSC – Two-Way Stop Control

1 Delay in seconds per vehicle

2 Level of Service (LOS)




SOURCE: SanGIS, Open Street Maps

**FIGURE 10**

Existing Peak Hour Traffic Volumes (PCE)

Palisade Santee Commerce Center Project

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## 5.3 Existing plus Project Traffic Operations

This section details the Existing plus Project traffic volumes and intersection operations within the study area.

The Existing plus Project traffic volumes were estimating by adding the appropriate percentage of average daily and peak hour project trips (shown in Table 4) to the existing traffic volumes for the study area roadway segments and intersections. Figure 11 illustrates the Existing plus Project Peak Hour Traffic Volumes.

### 5.3.1 Roadway Operations

A roadway segment LOS analysis was prepared for the Existing plus Project conditions using the roadway segment LOS methodologies as discussed in Section 1.3, Analysis Methodology. Table 9 shows the results of the Existing plus Project conditions LOS analysis for the study roadway segments. As shown in the table, the study area roadway segments of Woodside Avenue and Magnolia Avenue would continue to operate at LOS C or better under Existing plus Project conditions.

A project's traffic effect is determined if it exceeds the volume to capacity ratio by 0.02 or more at roadway segments operating at LOS E or F. Because the roadway segments operate at LOS C or better and not at LOS E or F, the proposed project would not exceed the City's criteria for project-specific traffic effect, which determines the needs for roadway improvements. Hence, no roadway improvements are proposed.

### 5.3.2 Intersection Operations

The total project trip assignments shown in Figure 6 were added to the Existing peak hour traffic volumes shown in Figure 10 to derive the Existing plus Project peak hour traffic condition. Figure 11 shows the Existing plus Project peak hour traffic volumes.

An intersection LOS analysis was prepared for the Existing plus Project condition using the HCM 6 methodology, and Table 10 summarizes the results of the Existing plus Project intersection analysis for the AM and PM peak hours. Detailed LOS calculation worksheets are included in Appendix E.

As shown in the table, with the exception of the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, all study area intersections would continue to operate at satisfactory levels of service (LOS D or better) under Existing plus Project conditions. The Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection would operate at LOS E in the AM and PM peak hour. The proposed project would increase the delay by more than 2 seconds at this intersection. Therefore, the proposed project would exceed the City's criteria for project-specific traffic effect under Existing plus Project conditions. See Section 8 for project-specific improvements.

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### Table 9. Existing and Existing plus Project Roadway Level of Service

| No. | Roadway Segment | Applicable ADT[1] | Existing | | | Project Trips (in PCE) [2] | Existing plus Project | | | Change in V/C | Above Allowable Change for Project Traffic Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ADT | V/C | LOS | | ADT | V/C | LOS | | |
| 1 | Magnolia Avenue, south of Mission Gorge - Woodside Avenue | 60,000 | 32,381 | 0.54 | B | 856 | 33,237 | 0.55 | B | 0.01 | No |
| 2 | Woodside Avenue, between Magnolia Avenue and Woodside Avenue | 40,000 | 27,134 | 0.68 | C | 1,223 | 28,357 | 0.71 | C | 0.03 | No |
| 3 | Woodside Avenue, between Woodside Avenue to Project Driveway | 10,000 | 3,725 | 0.37 | A | 1,223 | 4,948 | 0.49 | B | 0.12 | No |
| 4 | Project Driveway, north of Woodside Avenue | 2,200 | 117 | NA | NA | 1,439 | 1,556 | NA | NA | NA | No |

**Notes:** ADT = Average daily traffic; V/C = Volumes to Capacity ratio; LOS = Level of Service; NA = Not Applicable NA = Not Applicable because LOS does not apply to non-CE roads
1 Classification and LOS determined from City of Santee Mobility Element, Adopted by City Council October 25, 2017 (Resolution No. 114-2017)

### Table 10. Existing and Existing plus Project Peak Hour Intersection Level of Service

| No. | Intersection | LOS Method | Existing | | | | Existing plus Project | | | | Change in Delay | | Above Allowable Change for Project Traffic Effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AM Peak | | PM Peak | | AM Peak | | PM Peak | | | | | |
| | | | Delay[1] | LOS[2] | Delay[1] | LOS[2] | Delay[1] | LOS[2] | Delay[1] | LOS[2] | AM | PM | AM | PM |
| 1 | Magnolia Avenue/SR-52 EB Off-Ramps | HCM/Signalized | 21.1 | C | 23.1 | C | 22.7 | C | 23.4 | C | 1.6 | 0.3 | No | No |
| 2 | Magnolia Avenue/SR-52 WB On-Ramp - SR-67 SB On-Ramp | HCM/Signalized | 11.2 | B | 10.8 | B | 10.8 | B | 10.8 | B | -0.4 | 0.0 | No | No |
| 3 | Magnolia Avenue - Mission Gorge Road/Woodside Avenue | HCM/Signalized | 31.5 | C | 38.5 | D | 32.1 | C | 40.8 | D | 0.6 | 2.3 | No | No |
| 4 | Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | AWSC | 22.7 | C | 23.3 | C | **39.3** | **E** | **45.0** | **E** | 16.6 | 21.7 | **Yes** | **Yes** |
| 5 | Hartley Road/N. Woodside Avenue | TWSC | 9.8 | A | 13.7 | B | 10.2 | B | 16.0 | C | 0.4 | 2.3 | No | No |
| 6 | Wheatlands Avenue/N. Woodside Avenue | TWSC | 9.6 | A | 12.7 | B | 10.1 | B | 14.6 | B | 0.5 | 1.9 | No | No |
| 7 | Project Access Driveway/N. Woodside Avenue | TWSC | 0.0 | A | 0.0 | A | 10.1 | A | 13.3 | B | 10.1 | 13.3 | No | No |

**Notes:** HCM = Highway Capacity Manual; **X** – Unsatisfactory operating conditions/LOS; AWSC – All-Way Stop Control; TWSC – Two-Way Stop Control
1 Delay in seconds per vehicle
2 Level of Service (LOS)

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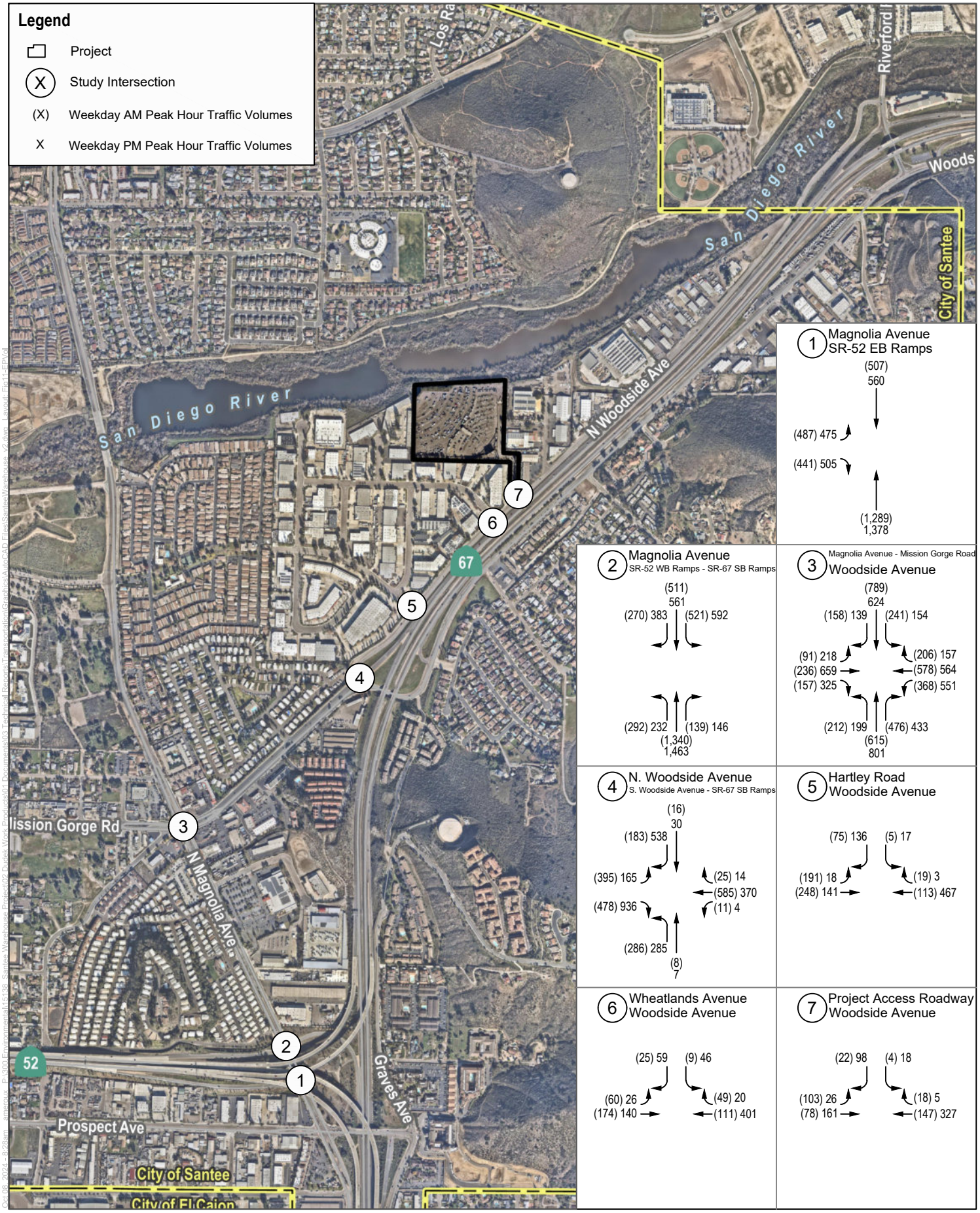


SOURCE: SanGIS, Open Street Maps

**FIGURE 11**

Existing plus Project Peak Hour Traffic Volumes (PCE)

Palisade Santee Commerce Center Project

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# 6 Near Term Conditions

This section presents the analysis of Near-Term traffic conditions when the project would be constructed and fully operational. The Near Term conditions are based on the addition of traffic from approved and pending projects added to the existing 2023 traffic volumes.

## 6.1 Cumulative Projects

The cumulative projects are projects that are proposed and in the review process, but not yet fully approved; or projects that have been approved, but not fully constructed or occupied. A review of cumulative projects list available at the City's website was conducted. Per discussion with the City, eight cumulative projects were identified that would potentially add traffic to the study area. In addition to these development projects, the SR-67/Riverford Road interchange improvements, a transportation project which would consolidate three intersections into two roundabouts on Riverford Road on both sides of SR-67, is proposed approximately one mile north of the project site. The project's study area does not include Riverford Road and its intersections with SR-67 because the project would not add 50 or more peak hour trips to those facilities. However, as shown in the State Route 67 and Riverford Road Intersection Control Evaluation Report, submitted to Caltrans in 2020, with the construction of proposed roundabouts, the closely spaced intersections of the SR-67 northbound off-ramp/Woodside Avenue, Woodside Avenue/Riverford Road, the and SR-67 southbound ramps/Riverford Road would operate at LOS D or better for all movements with no spillback onto SR-67 mainline. Therefore, the SR-67/Riverford Road interchange project will improve LOS and traffic operations in the vicinity of the project.

Figure 12 shows the locations of, and Table 11 provides a brief description of, the cumulative projects.

**Table 11. Description of Cumulative Projects**

| No. | Cumulative Project | Location | Description |
|---|---|---|---|
| 1 | Southwest Signal Building | 10756 Rockvill Street | 20,000 SF industrial building |
| 2 | Lantern Crest Ridge II | 11000 Sunset Trail | 62-unit memory care facility |
| 3 | Habitat for Humanity Townhomes | 8932 First Street | 17-unit residential condominiums |
| 4 | Santee Auto Center | 10335 Mission Gorge Road | Two-car dealerships, auto body shop, and car wash |
| 5 | Popeyes | 10308 Mission Gorge Road | 1,740 SF drive-through restaurant |
| 6 | Super Star Car Wash | 8837 Magnolia Avenue | 4,980 SF car wash tunnel |
| 7 | Extra Space Storage | 10815 Woodside Avenue | 88,390 SF (3-story) storage building |
| 8 | Hillside Meadows/Parkside | North and south of the western terminus of Mast Boulevard, and south of El Nopal, Lakeside 92040 | 143 residential units and two industrial lots |
| 9 | Riverford Road Interchange | SR-67 and Riverford Road in the unincorporated area of San Diego County within the Community of Lakeside and a portion in the City of Santee | Consolidate three intersections into two roundabouts along Riverford Road on either side of the SR-67 |

**Source:** City of Santee, 2024

### 6.1.1 Trip Generation

The trip generation for the cumulative projects is shown in Table 12. As shown in the table, cumulative projects are forecast to generate approximately 7,612 daily trips, 518 AM peak hour trips, and 603 PM peak hour trips. Figure 12 also shows the cumulative project traffic volumes.

**Table 12. Cumulative Projects Trip Generation Summary**

| No. | Cumulative Project | Land Use | Daily Trips | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | In | Out | Total | In | Out | Total |
| 1 | Southwest Signal Building[1] | Industrial | 100 | 9 | 4 | 13 | 6 | 9 | 15 |
| 2 | Lantern Crest Ridge II[2] | Residential | 155 | 4 | 2 | 6 | 6 | 6 | 12 |
| 3 | Habitat for Humanity Townhomes[1] | Residential | 136 | 2 | 9 | 11 | 10 | 4 | 14 |
| 4 | Santee Auto Center[3] | Service | 3,336 | 135 | 61 | 196 | 110 | 144 | 254 |
| 5 | Popeyes[1] | Service | 1,218 | 66 | 44 | 110 | 26 | 25 | 51 |
| 6 | Super Star Car Wash[1] | Auto | 900 | 18 | 18 | 36 | 41 | 40 | 81 |
| 7 | Extra Space Storage[1] | Industrial | 177 | 6 | 5 | 11 | 8 | 8 | 16 |
| 8 | Hillside Meadows[4] | DU | 1,590 | 50 | 85 | 135 | 105 | 55 | 160 |
| | | **Total Trip Generation** | **7,612** | **290** | **228** | **518** | **312** | **291** | **603** |

**Notes:**

1 Trip generation estimated using trip rates from SANDAG's Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region, April 2002.

2 Trip generation updated to reflect revised unit numbers compared to the Lantern Crest Ridge II Senior Care Project, Traffic Impact Study, prepared by Darnell & Associates, April 30, 2018

3 Trip generation from Traffic Impact Analysis for Santee Auto Center, prepared by LLG, April 20, 2023

4 Trip generation from Traffic Impact Analysis for Hillside Meadows, prepared by LLG, September 6, 2000

### 6.1.2 Trip Distribution and Assignment

Trip distributions and assignments for the cumulative projects were developed using the traffic study or assessment for these projects or by using professional judgment based on logical travel corridors. The trips generated by the cumulative projects were distributed and assigned through the study area network. Information on the cumulative projects regarding their trip generation and distribution is included in Appendix F.

## 6.2 Traffic Volumes

The Near-Term traffic volumes were estimating by adding the average daily and peak hour trips from the cumulative projects (shown in Table 12) to the existing traffic volumes for the study area roadway segments and intersections.

## 6.3 Near Term Operations

### 6.3.1 Near Term Roadway Operations

A roadway segment LOS analysis was prepared for the Near-Term conditions using the roadway segment LOS methodologies as discussed in Section 1.3, Analysis Methodology. Table 13 shows the results of the Near Term conditions LOS analysis for the study roadway segments. As shown in the table, the study area roadway segments of Woodside Avenue and Magnolia Avenue are estimated to operate at LOS C or better under Near Term conditions.

### 6.3.2 Near Term Intersection Operations

Near Term traffic volumes include existing traffic and traffic from the addition of cumulative projects (Figure 12) in the vicinity of the project. Figure 13 illustrates the Near Term (no project) traffic volumes for peak hour conditions.

An intersection LOS analysis was prepared for the Near Term conditions using HCM 6 methodology via the Synchro LOS software as discussed in Section 1.3. Table 14 shows the results of the Near-Term conditions analysis. LOS worksheets are provided in Appendix G. As shown in the table, all intersections would continue to operate at satisfactory levels of service (LOS D or better) under Near Term conditions.

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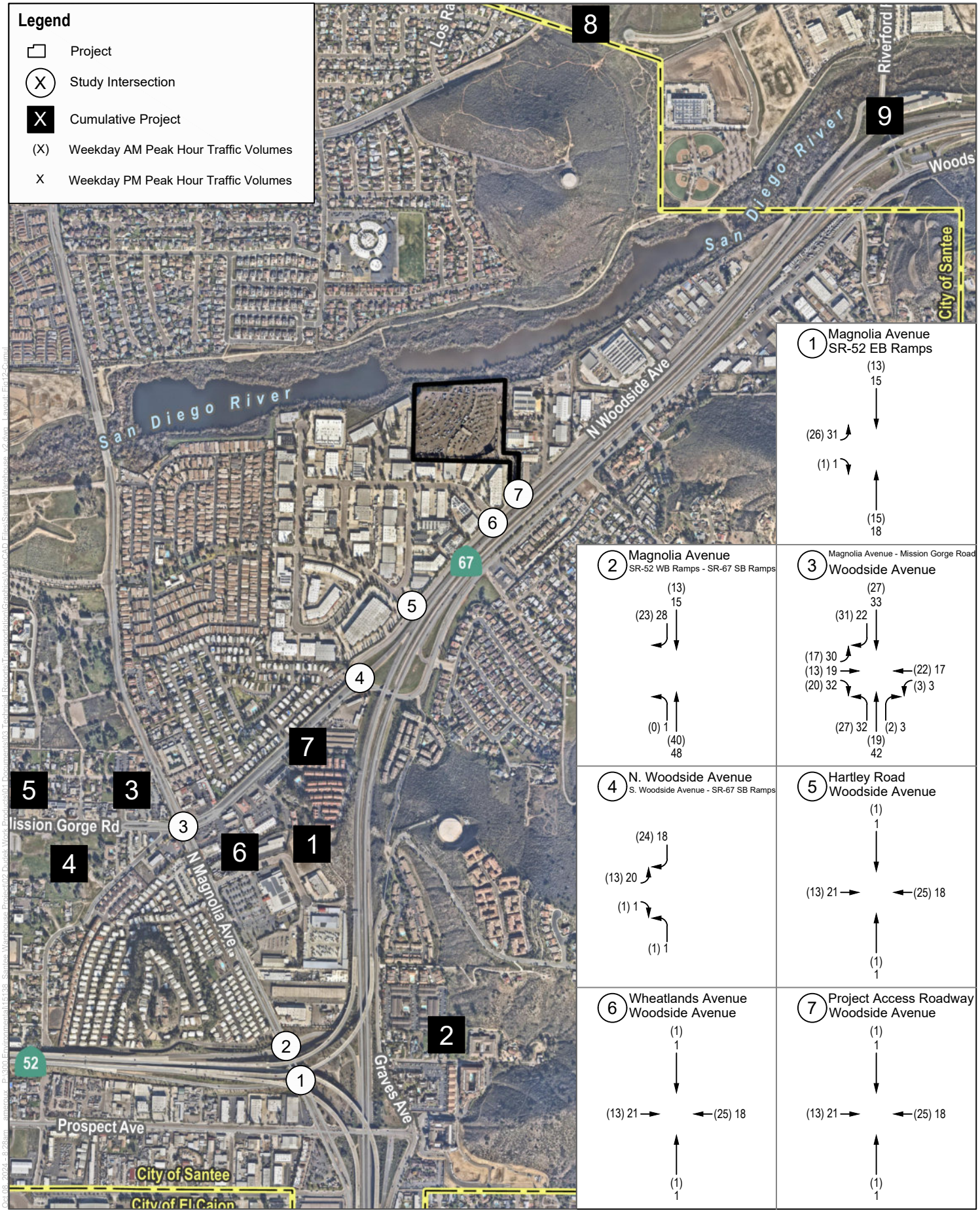


SOURCE: SanGIS, Open Street Maps

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**FIGURE 12**

Cumulative Project Location and Peak Hour Traffic Volumes

Palisade Santee Commerce Center Project

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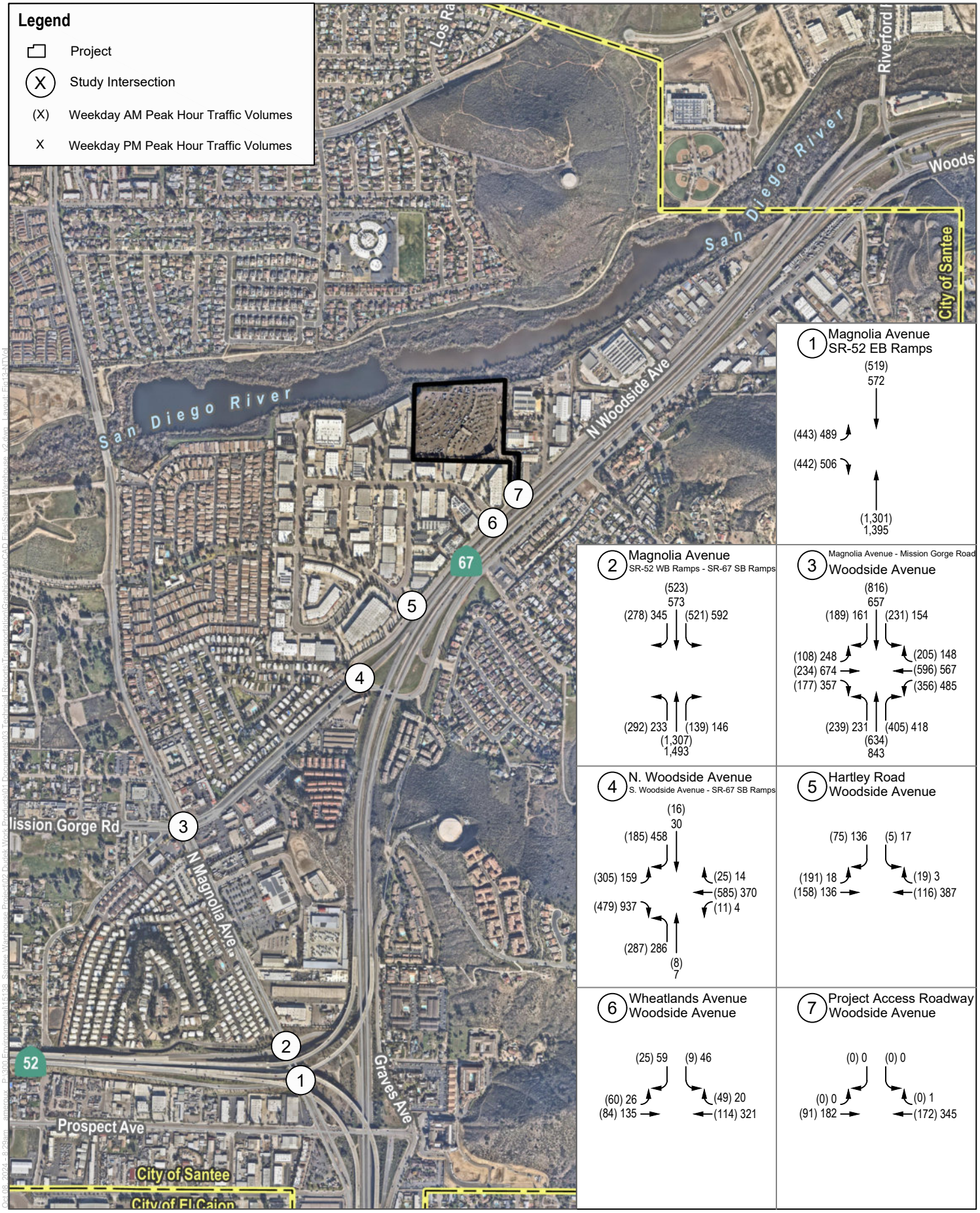


SOURCE: SanGIS, Open Street Maps

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**FIGURE 13**

Near Term Peak Hour Traffic Volumes (PCE)

Palisade Santee Commerce Center Project

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## 6.4 Near Term plus Project Traffic Operations

This section details Near Term plus Project traffic volumes and intersection operations within the study area. The total project trip assignments shown in Figure 6 were added to the Near Term peak hour traffic volumes shown in Figure 13 to derive the Near Term plus Project peak hour traffic condition. Figure 14 shows the Near Term plus Project peak hour traffic volumes.

### 6.4.1 Roadway Operations

A roadway segment LOS analysis was prepared for the Near Term plus Project conditions using the roadway segment LOS methodologies as discussed in Section 1.3, Analysis Methodology. Table 13 shows the results of the Near Term plus Project conditions LOS analysis for the study area roadway segments. As shown in the table, the study area roadway segments of Woodside Avenue and Magnolia Avenue would continue to operate at LOS C or better under Near Term plus Project conditions.

A project's traffic effect is determined if it exceeds the volume to capacity ratio by 0.02 or more at roadway segments operating at LOS E or F. Because the roadway segments operate at LOS C or better and not at LOS E or F, the proposed project would not exceed the City's criteria for project-specific traffic effect, which determines the needs for roadway improvements. Hence, no roadway improvements are proposed.

### 6.4.2 Intersection Operations

An intersection LOS analysis was prepared for the Near Term plus Project condition using the HCM 6 methodology, and Table 14 summarizes the results of the Near Term plus Project intersection analysis for the AM and PM peak hours. Detailed LOS calculation worksheets are included in Appendix G.

As shown in the table, with the exception of the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, all study area intersections would continue to operate at satisfactory levels of service (LOS D or better) under Near Term plus Project conditions. The Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection would operate at LOS E in the AM peak hour and LOS F in the PM peak hour. The proposed project would increase the delay by more than 2 seconds at this intersection. Therefore, the proposed project would exceed the City's criteria for project-specific traffic effect under Near Term plus Project conditions. See Section 8 for project-specific improvements.

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### Table 13. Near Term Roadway Level of Service

| No. | Roadway Segment | Applicable ADT[1] | Near Term | | | Project Trips (in PCE) [2] | Near Term plus Project | | | Change in V/C | Above Allowable Change for Project Traffic Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ADT | V/C | LOS | | ADT | V/C | LOS | | |
| 1 | Magnolia Avenue, south of Mission Gorge - Woodside Avenue | 60,000 | 34,137 | 0.57 | B | 856 | 34,993 | 0.58 | B | 0.01 | No |
| 2 | Woodside Avenue, between Magnolia Avenue and Woodside Avenue | 40,000 | 28,009 | 0.70 | C | 1,223 | 29,232 | 0.73 | C | 0.03 | No |
| 3 | Woodside Avenue, between Woodside Avenue to Project Driveway | 10,000 | 4,441 | 0.44 | B | 1,223 | 5,664 | 0.57 | C | 0.12 | No |
| 4 | Project Driveway, north of Woodside Avenue | 2,200 | 117 | NA | NA | 1,439 | 1,556 | NA | NA | NA | No |

**Notes:** ADT = Average daily traffic; V/C = Volumes to Capacity ratio; LOS = Level of Service; NA = NA = Not Applicable because LOS does not apply to non-CE roads

1 Classification and LOS determined from City of Santee Mobility Element, Adopted by City Council October 25, 2017 (Resolution No. 114-2017)

### Table 14. Near Term Peak Hour Intersection Level of Service

| No. | Intersection | LOS Method | Near Term | | | | Near Term plus Project | | | | Change in Delay | | Above Allowable Change for Project Traffic Effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AM Peak | | PM Peak | | AM Peak | | PM Peak | | | | | |
| | | | Delay[1] | LOS[2] | Delay[1] | LOS[2] | Delay[1] | LOS[2] | Delay[1] | LOS[2] | AM | PM | AM | PM |
| 1 | Magnolia Avenue/SR-52 EB Off-Ramps | HCM/Signalized | 21.7 | C | 24.1 | C | 23.8 | C | 24.5 | C | 2.1 | 0.4 | No | No |
| 2 | Magnolia Avenue/SR-52 WB On-Ramp - SR-67 SB On-Ramp | HCM/Signalized | 11.0 | B | 10.6 | B | 10.7 | B | 10.6 | B | -0.3 | 0.0 | No | No |
| 3 | Magnolia Avenue - Mission Gorge Road/Woodside Avenue | HCM/Signalized | 32.9 | C | 41.0 | D | 33.5 | C | 43.6 | D | 0.6 | 2.6 | No | No |
| 4 | N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | AWSC | 25.3 | D | 28.6 | D | **45.1** | **E** | **53.5** | **F** | **19.8** | **24.9** | **Yes** | **Yes** |
| 5 | Hartley Road/N. Woodside Avenue | TWSC | 10.1 | B | 14.1 | B | 10.5 | B | 16.6 | C | 0.4 | 2.5 | No | No |
| 6 | Wheatlands Avenue/N. Woodside Avenue | TWSC | 9.9 | A | 13.1 | B | 10.4 | B | 15.2 | C | 0.5 | 2.1 | No | No |
| 7 | Project Access Driveway/N. Woodside Avenue | TWSC | 0.0 | A | 0.0 | A | 10.4 | B | 13.8 | B | 10.4 | 13.8 | No | No |

**Notes:** HCM = Highway Capacity Manual; **X** – Unsatisfactory operating conditions/LOS; AWSC – All-Way Stop Control; TWSC – Two-Way Stop Control

1 Delay in seconds per vehicle

2 Level of Service (LOS)

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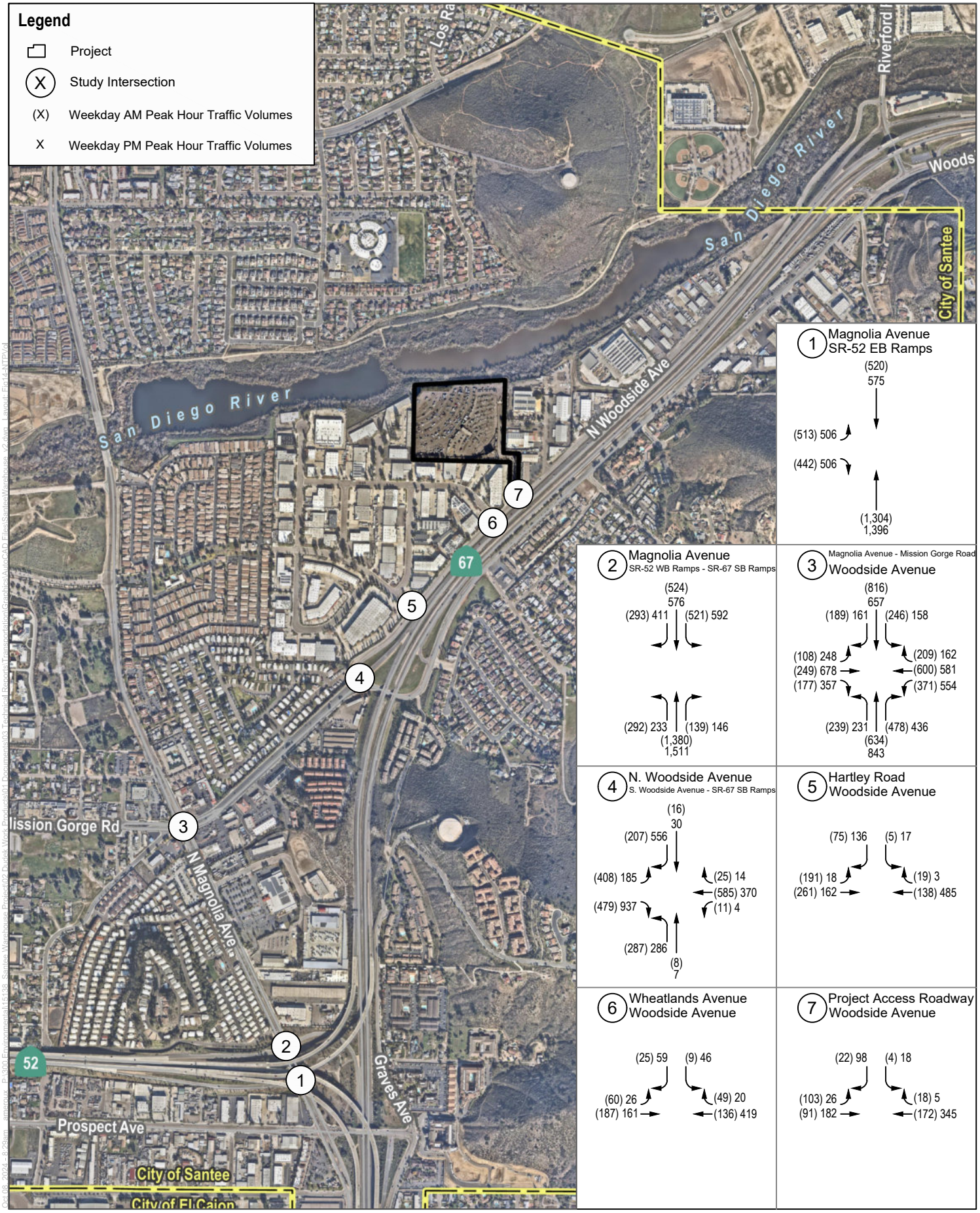


SOURCE: SanGIS, Open Street Maps

**FIGURE 14**

Near Term plus Project Peak Hour Traffic Volumes (PCE)

Palisade Santee Commerce Center Project

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# 7 Horizon Year Conditions

This section presents the analysis of Horizon Year traffic conditions when the project would be constructed and fully operational. The horizon year conditions are based on the year 2035 conditions that would exist in the study area.

## 7.1 Roadway Conditions

The roadway segment of Magnolia Avenue and Woodside Avenue are built out under existing conditions. Therefore, the capacity was assumed to be same as existing conditions. N. Woodside Avenue, between Woodside Avenue to Project Driveway was assumed to be improved to the standards of a Parkway (i.e., two lanes with a TWLTL). All intersection configurations, have been assumed to be preserved under the Horizon Year conditions, as shown in Figure 7. The Proposed Update to Existing Circulation Element Technical Report and Traffic Impact Study (July 2017) prepared for the City of Santee Mobility Element proposes a roundabout[3] at the N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, in its Preferred Circulation Plan. However, per discussions with the City staff, the proposed roundabout has been removed from their Capital Improvement Program. Therefore, the existing stop control operation has been assumed at the N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection in the Horizon Year roadway conditions.

## 7.2 Traffic Volumes

The Horizon Year traffic volumes (ADT and AM and PM peak hour) have been estimated based on review of forecast traffic volumes in the Fanita Ranch Traffic Impact Study (LLG 2020). The Horizon Year intersection volumes were not available for the entire study area along Woodside Avenue, therefore, for Intersection 4 through 7, a growth factor was estimated by comparing the existing ADT with the horizon year ADT along Woodside Avenue near the project site. Figure 15 illustrates the Horizon Year traffic volumes for the peak hour conditions.

## 7.3 Horizon Year Operations

### 7.3.1 Roadway Operations

A roadway segment LOS analysis was prepared for the Horizon Year conditions using the roadway segment LOS methodologies as discussed in Section 1.3, Analysis Methodology. Table 15 shows the results of the Horizon Year conditions LOS analysis for the study roadway segments. As shown in the table, the study area roadway segments of Woodside Avenue between Magnolia Avenue and N. Woodside Avenue and between N. Woodside Avenue and Project Driveway would operate at LOS E under Horizon Year conditions.

### 7.3.2 Intersection Operations

Figure 15 illustrates the Horizon Year traffic volumes for peak hour conditions. An intersection LOS analysis was prepared for the Horizon Year conditions using HCM 6 methodology via the Synchro LOS software as discussed in

[3] Existing Circulation Element Technical Report and Traffic Impact Study (July 2017) pg. 159 "SR-67 Southbound Off-Ramp & Woodside Avenue - Convert this intersection to a roundabout with a northbound left-turn lane, a northbound right-turn bypass lane, an eastbound shared through/right-turn lane, and a westbound shared left/through-turn lane."

Section 1.3. Table 15 shows the results of the Horizon Year conditions analysis. LOS worksheets are provided in Appendix H.

As shown in the table, the Magnolia Avenue - Mission Gorge Road/Woodside Avenue intersection would operate at LOS E in the AM and PM peak hour conditions under Horizon year conditions. The Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection would operate at LOS F in the AM peak hour and LOS F in the PM peak hour. All other intersections operate at acceptable LOS conditions.

## 7.4 Horizon Year plus Project Operations

This condition includes analysis of traffic operations under Horizon Year conditions with project traffic added to the Horizon Year ADT and AM and PM peak hour intersection traffic volumes. Based on review of SANDAG land use and trip rate used in the General Plan Mobility Element for the traffic analysis zone (TAZ) the project is located within, it was noted that the project trip generation exceeded the TAZ trip generation for allowable light industrial use by 33.%. Therefore, to account for the additional project trip generation, approximately, 33.6% of the project traffic was added to the Horizon Year intersections and roadway segments. The Horizon Year intersection volumes were not available for the entire study area along Woodside Avenue, therefore, to provide a conservative analysis, a 100% of the project trips were assigned to the project driveways and intersections along Woodside Avenue near the project site. The traffic effects specific to the project under this condition were used as the basis for determining the project's long-term effects.

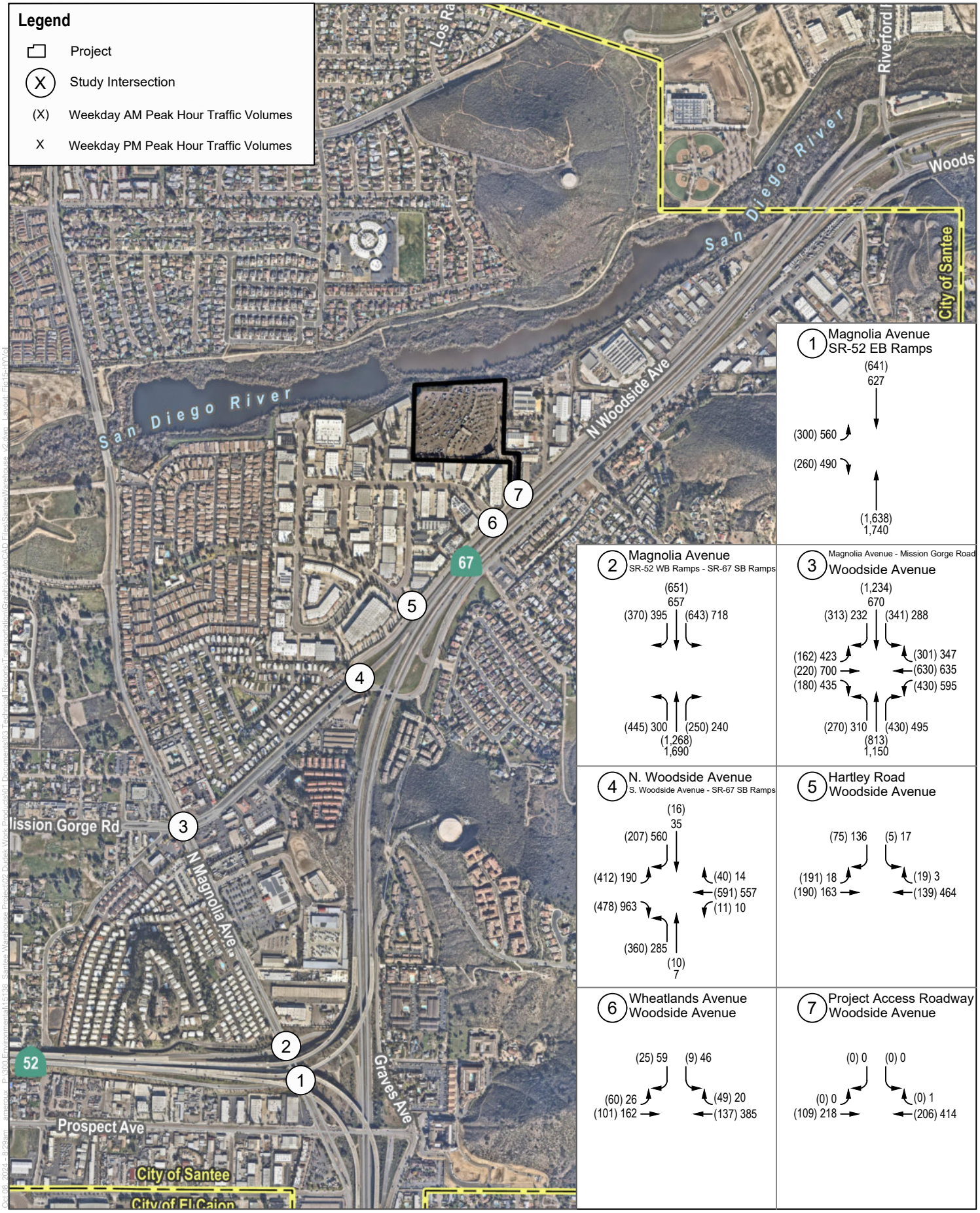
### 7.4.1 Roadway Operations

A roadway segment LOS analysis was prepared for the Horizon-Year conditions using the roadway segment LOS methodologies as discussed in Section 1.3, Analysis Methodology. Table 15 shows the results of the Horizon Year conditions LOS analysis for the study roadway segments. As shown in the table, the study area roadway segments of Woodside Avenue between Magnolia Avenue and N. Woodside Avenue and between N. Woodside Avenue and Project Driveway would operate at LOS E under Horizon Year plus conditions. Because the roadway segments operates at LOS E and the increase is greater than 0.02, the proposed project would exceed the City's criteria for project-specific traffic effect at the roadway segment of N. Woodside Avenue between Woodside Avenue and Project Driveway. Since the roadway segment is constructed at buildout classification per the City's Mobility Element, no further improvements to this roadway segment are recommended.

### 7.4.2 Intersection Operations

Figure 16 illustrates the Horizon Year traffic volumes for peak hour conditions. An intersection LOS analysis was prepared for the Horizon Year conditions using HCM 6 methodology via the Synchro LOS software as discussed in Section 1.3. Table 16 shows the results of the Horizon Year conditions analysis. LOS worksheets are provided in Appendix H.

As shown in the table, the Magnolia Avenue - Mission Gorge Road/Woodside Avenue intersection would operate at LOS E in the AM and PM peak hour conditions under Horizon year plus Project conditions. However, the proposed project would not increase the delay by more than 2 seconds and therefore, not exceed the City's criteria for project-specific traffic effect under Horizon Year plus Project conditions. No improvements are required. The Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection would operate at LOS F in the AM peak hour and PM peak hour conditions. The proposed project would increase the delay by more than 2 seconds at this intersection. Therefore, the proposed project would exceed the City's criteria for project-specific traffic effect under Horizon Year plus Project conditions. See Section 8 for project-specific improvements.




SOURCE: SanGIS, Open Street Maps

**FIGURE 15**

Horizon Year Peak Hour Traffic Volumes (PCE)

Palisade Santee Commerce Center Project

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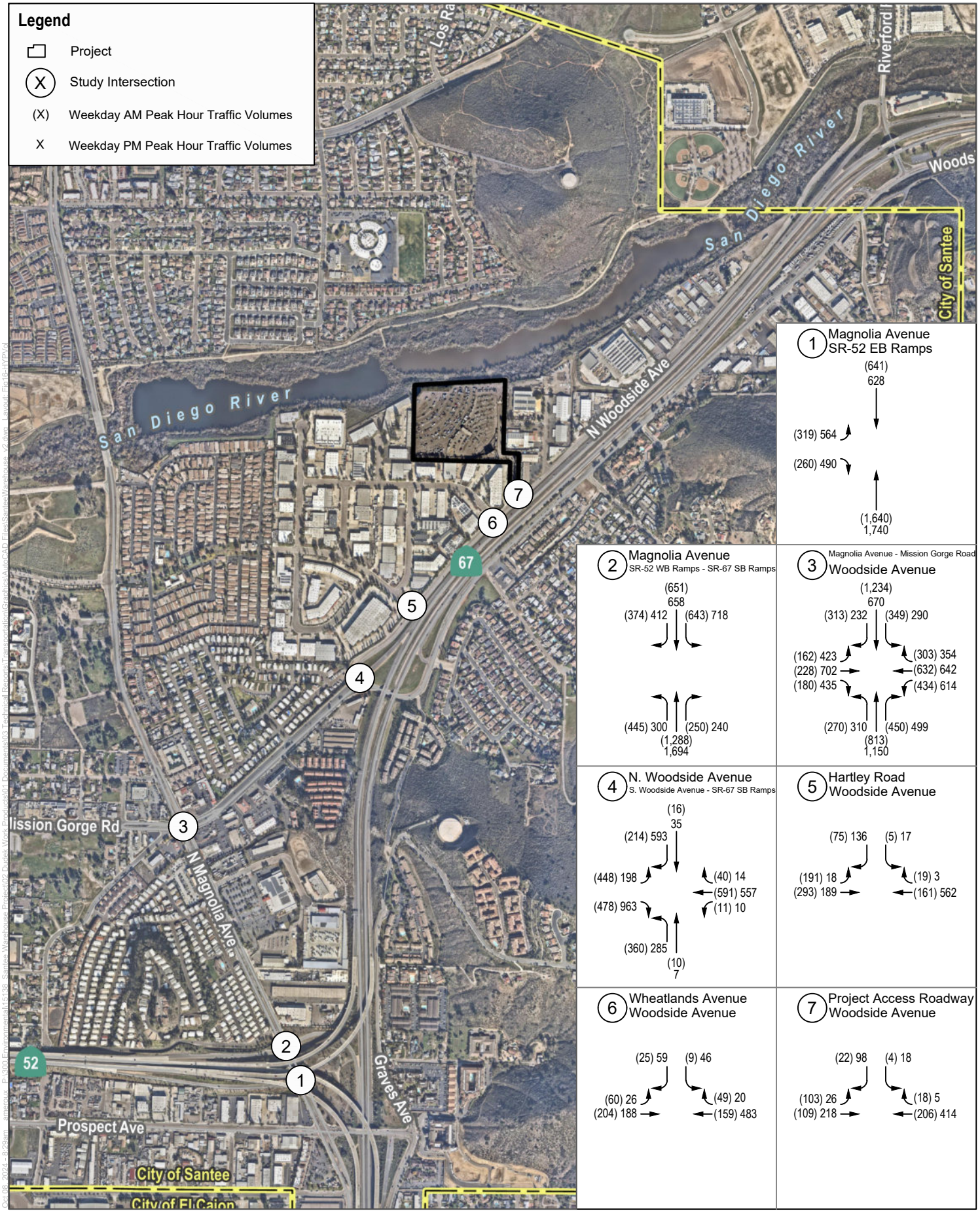


SOURCE: SanGIS, Open Street Maps

**FIGURE 16**

Horizon Year plus Project Peak Hour Traffic Volumes (PCE)

Palisade Santee Commerce Center Project

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### Table 15. Horizon Year Roadway Level of Service

| No. | Roadway Segment | Applicable ADT[1] | Horizon Year | | | Project Trips (in PCE) [2] | Horizon Year plus Project | | | Change in V/C | Above Allowable Change for Project Traffic Effect |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ADT | V/C | LOS | | ADT | V/C | LOS | | |
| 1 | Magnolia Avenue, south of Mission Gorge - Woodside Avenue | 60,000 | 36,950 | 0.62 | C | 288 | 37,238 | 0.62 | C | 0.00 | No |
| 2 | Woodside Avenue, between Magnolia Avenue and N. Woodside Avenue | 40,000 | 36,600 | 0.92 | **E** | 411 | 37,011 | 0.93 | **E** | 0.01 | **No** |
| 3 | N. Woodside Avenue, between Woodside Avenue to Project Driveway | 15,000 | 13,000 | 0.87 | **E** | 411 | 13,411 | 0.89 | **E** | 0.02 | **Yes** |
| 4 | Project Driveway, north of Woodside Avenue | 2,200 | 117 | — | — | 1,439 | 1,556 | — | — | — | No |

**Notes:** ADT = Average daily traffic; V/C = Volumes to Capacity ratio; LOS = Level of Service; NA = Not Applicable NA = Not Applicable because LOS does not apply to non-CE roads

[1] Classification and LOS determined from City of Santee Mobility Element, Adopted by City Council October 25, 2017 (Resolution No. 114-2017)

### Table 16. Horizon Year Peak Hour Intersection Level of Service

| No. | Intersection | LOS Method | Horizon Year | | | | Horizon Year plus Project | | | | Change in Delay | | Above Allowable Change for Project Traffic Effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AM Peak | | PM Peak | | AM Peak | | PM Peak | | | | | |
| | | | Delay[1] | LOS[2] | Delay[1] | LOS[2] | Delay[1] | LOS[2] | Delay[1] | LOS[2] | AM | PM | AM | PM |
| 1 | Magnolia Avenue/SR-52 EB Off-Ramps | HCM/Signalized | 13.3 | B | 44.0 | D | 14.1 | B | 44.3 | D | 0.8 | 0.3 | No | No |
| 2 | Magnolia Avenue/SR-52 WB On-Ramp - SR-67 SB On-Ramp | HCM/Signalized | 8.3 | A | 9.6 | A | 8.3 | A | 9.6 | A | 0.0 | 0.0 | No | No |
| 3 | Magnolia Avenue - Mission Gorge Road/Woodside Avenue | HCM/Signalized | **59.4** | **E** | **64.0** | **E** | **59.7** | **E** | **65.8** | **E** | **0.3** | **1.8** | **No** | **No** |
| 4 | N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | AWSC | 62.9 | F | 70.1 | F | 76.4 | F | 84.2 | | 13.5 | 14.1 | Yes | Yes |
| 5 | Hartley Road/N. Woodside Avenue | TWSC | 10.2 | B | 16.0 | C | 10.7 | B | -19.2 | C | 0.5 | 3.2 | No | No |
| 6 | Wheatlands Avenue/N. Woodside Avenue | TWSC | 9.9 | A | 14.5 | B | 10.4 | B | 17.0 | C | 0.5 | 2.5 | No | No |
| 7 | Project Access Driveway/N. Woodside Avenue | TWSC | 0.0 | A | 0.0 | A | 10.8 | B | 15.6 | B | 10.8 | 15.6 | No | No |

**Notes:** HCM = Highway Capacity Manual; **X** – Unsatisfactory operating conditions/LOS; AWSC – All-Way Stop Control; TWSC – Two-Way Stop Control

[1] Delay in seconds per vehicle

[2] Level of Service (LOS)

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# 8 Project Access, On-Site Circulation and Improvement Measures

This section documents the project access evaluation to provide an eastbound left-turn lane along Woodside Avenue. The section also provides improvement measure for the N. Woodside Avenue/S. Woodside Avenue – SR-67 SB Off-Ramp intersection.

## 8.1 Project Access Evaluation

As mentioned in Section 1, the access to the proposed project would be from N. Woodside Avenue via the project access driveway (Intersection 7). Per City's request, an evaluation for eastbound left turn lane at this access driveway was conducted. The left-turn lane evaluation was conducted using the methodology from the American Association of State Highway Transportation Officials' (AASHTO, 2018) – Geometric Design of Highways and Streets ("Green Book"). Per Section 9.7.3 Design Treatments for Left-Turn Maneuvers, 9.7.3.1 Guidelines for Providing and Design of Left-Turn and Bypass Lanes, many factors enter into the choice of type of intersection and the extent of design of a given type, but the principal controls are the design-hour traffic volume, the character or composition of traffic, and the design speed. The character of traffic and design speed affects many details of design, but in choosing the type of intersection they are not as significant as the traffic volume. Of particular significance are the actual and relative volumes of traffic involved in various turning and through movements.

Traffic-volume-based guidelines for where left-turn lanes should be provided are presented in Table 9-24 and Figure 9-35 for arterials in urban areas (see Appendix I). This table and figure are applicable at unsignalized intersection with streets and driveways where the major road is uncontrolled and the minor-road approaches are stop- or yield-controlled.

Additionally, the HCM indicates that exclusive left-turn lanes should be considered where left-turn volumes exceed 100 vehicles/hour (veh/hr). As shown on Figures 5 and 6, during the AM peak hour, there are approximately 109 eastbound left turn vehicles from N. Woodside Avenue into the project site. Of the total 103 vehicles, 55 vehicles (in PCE) or 53% are trucks. Because the left-turning volumes at the exceed the AASHTO suggested left-tun lane guidance of 50 or more veh/hr (see Appendix I) and HCM guidance of 100 veh/hr and due to high truck volume, it is recommended that a dedicated eastbound left turn lane be constructed at the Project Access Driveway/Woodside Avenue.

## 8.2 On-Site Circulation and Parking

On-site circulation and access to the project will be provided by a circuitous roadway (see Figure 2) that would also serve as fire lane. The width of the internal roadway is between 30 feet to 40 feet. The on-site driveway will be designed per City's Standard Drawings and requirements of the Fire Code to provide turn radii for fire truck and apparatus to access all parts of the site.

The parking ratio used to calculate on-site parking requirements is consistent with the Section 13.24.040 Parking requirements of the City of Santee Municipal Code[4]. Per code, for industrial uses that include warehousing and

[4] City of Santee. https://library.qcode.us/lib/santee_ca/pub/municipal_code/item/title_13-chapter_13_24-13_24_040

distribution, one parking space for 1,000 square feet of gross floor area should be provided. The project would require and proposes a total of 301 parking spaces for 301,445 square feet of industrial space.

Parking designated for electric vehicles (EV), including spaces associated with clean air vehicles have been provided per code requirement. Long-term and short-term bicycle parking[5] would be provided per City's code requirement.

As such, the project would provide adequate parking spaces.

# 8.3 Improvement Measures

## 8.3.1 Project Access Driveway/N Woodside Avenue

The following improvement measures would be constructed by the project to improve traffic flow near the project site:

- The project would construct a dedicated eastbound left turn lane at the Project Access Driveway/ Woodside Avenue.
- The project access driveway will be designed per City specifications for commercial driveway per City of Santee standard PW-21[6].
- The project would be responsible for constructing frontage improvements including sidewalks along the northern side of N. Woodside Avenue and connect to the existing sidewalk along N. Woodside Avenue that lies to the west of the project's driveway. No sidewalk exists to the east and accordingly no new sidewalk is required to be constructed.
- The project would also install a crosswalk to improve pedestrian circulation at the Project Access Driveway/N. Woodside Avenue.

## 8.3.2 N. Woodside Avenue Roadway Segment

Although the roadway segment of N. Woodside Avenue near Project Driveway is forecast to operate at LOS E, as shown in Section 7, with the frontage and project access improvements described above, the operation of the Project Access Driveway/N. Woodside Avenue would facilitate traffic flow and truck turn movement along Woodside Avenue near the project site. Since the roadway segment is constructed at buildout classification per the City's Mobility Element, no further improvements to this roadway segment are recommended.

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5 Bicycles. All commercial and office areas shall provide adequate locking facilities for bicycle parking at any location convenient to the facility for which they are designated. Whenever possible, weatherproofing or facility covering should be used.
Short-Term Bicycle Parking. If the project is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for five percent of visitor motorized vehicle parking capacity, with a minimum of one two-bike capacity rack.
Long-Term Bicycle Parking. For buildings with over 10 tenant-occupants, provide secure bicycle parking for five percent of motorized vehicle parking capacity, with a minimum of one space. Acceptable parking facilities shall be convenient from the street and may include:
i. Covered, lockable enclosures with permanently anchored racks for bicycles;
ii. Lockable bicycle rooms with permanently anchored racks; and
iii. Lockable, permanently anchored bicycle lockers.

6 City of Santee. https://www.cityofsanteeca.gov/home/showpublisheddocument/18044/637048465192800000

### 8.3.3 N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp Intersection

The proposed project would result in a traffic effect at the N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, under Existing plus Project, Near Term plus Project conditions, and Horizon Year plus Project conditions.

Based on the Proposed Update to Existing Circulation Element Technical Report and Traffic Impact Study (July 2017) prepared for the City of Santee Mobility Element, a roundabout is proposed at this intersection in its Preferred Circulation Plan. However, per discussions with the City staff, the proposed roundabout has been removed from the City's Capital Improvement Program. Therefore, the roundabout is not considered to be a feasible improvement for this intersection. Furthermore, Caltrans would not accept any lane addition (such as a dedicated right turn lane along N. Woodside Avenue adjacent to the current shared through-right turn lane) at this intersection, Therefore, no improvements to intersection lane geometry or control can be recommended at this time.

Based on discussions with the City staff, the project would construct a missing segment of sidewalk along N. Woodside Avenue near the N. Woodside Avenue/Woodside Avenue - SR-67 SB Off-Ramp intersection and near the project driveway, for a total of 990 linear feet or approximately 0.2 miles. The project would also be responsible for pavement rehabilitation and restriping of N. Woodside Avenue to the satisfaction of the City Engineer from Caltrans right-of-way at the intersection of the SR-67 to the easternmost edge of the project driveway's intersection with N. Woodside Avenue. In addition, the project would install approximately 1,240 SF of new roadway to fill in an unpaved area between the edge of the existing roadway and the new proposed sidewalk. Although this improvement would not reduce delay or improve LOS at the Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, it would improve non-vehicular circulation and pavement conditions along Woodside Avenue and would be considered an acceptable improvement by the City in lieu of improving delay or LOS.

A conceptual exhibit prepared by the applicant illustrating the proposed sidewalk and pavement rehabilitation at the N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection is included in Appendix J.

Per City's request, an intersection lane queuing analysis was also conducted for informational purposes and is summarized in Section 8.3.4.

### 8.3.4 N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp Intersection Queuing Analysis

An intersection lane queuing analysis, using SimTraffic 11 software, was conducted to determine the 95$^{th}$ percentile (design) queue of the existing storage lanes at the N. Woodside Avenue/ Woodside Avenue – SR-67 SB Off-Ramp intersection. The intersection's queues were calculated for the Existing, and Existing plus Project= = conditions. To account for actual vehicular volume with mix of traffic (cars and trucks) observed in the field, queuing analysis was conducted using non-PCE traffic volumes and heavy vehicle percentage for each turn movement. It should be noted that nominal pedestrian and bicycle activity was observed at this intersection as shown in Appendix C, Traffic Counts. The SimTraffic queuing reports and non-PCE peak hour intersection volumes, heavy vehicle percentages are provided in Appendix K.

This analysis determined whether potential queuing and spillback would impact the SR-67 mainline as well as Woodside Avenue. The geometric configuration of the intersection was assumed to be the same under Existing conditions without the project and with Project conditions,

## Intersection Queuing Analysis

Tables 17 summarize the 95th percentile queuing analysis conducted for the intersection under Existing and Near-Term conditions. The 95th percentile (design) queue is the maximum queue that would only occur during a smaller portion of the peak hour and the analysis is provided for informational purposes.

As shown in Table 17, under Existing conditions, there are no movements where the 95th percentile queues would exceed their storage lengths during the weekday AM or weekday PM peak hours. Under Existing plus Project conditions, all movements would experience an increase in vehicular queues however, most queues would be accommodated in the storage length available. except for the eastbound left turn lane (during AM peak hour).

For the eastbound left turn lane queue, it should be noted that while the next intersection to the west, the entrance to the Mission Del Magnolia mobile home community, is approximately 820 feet away, there is still adequate length available along Woodside Avenue for vehicles to queue in the AM peak hour. The queue is likely to exceed 850 feet or one car length, as shown in Table 17, only 5 percent of the time during the AM peak hour. On an average, this queue length would be approximately 434 feet (see Appendix K). It should be noted that there is no specific criteria for assessing queuing impacts. However, it is recommended that “KEEP CLEAR’” pavement markings be installed west of this intersection to maintain vehicular ingress and egress to/from the Mission Del Magnolia community to eastbound Woodside Avenue.

## Caltrans Off-Ramp Queues

Additionally, it should be noted that under Existing and Existing plus Project conditions analyzed, the westbound turn movements at the SR-67 off-ramp do not exceed the storage length available. The analysis indicates there are currently no queuing issues that may potentially spill back onto the SR-67 mainline.

## Table 17. Queuing Summary for Existing Conditions (95th Percentile Queue)

| Intersection | Movement | Storage Length[1] | Existing (w/o improvement) | | | | Existing plus Project | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | AM Peak Hour | | PM Peak Hour | | AM Peak Hour | | PM Peak Hour | |
| | | | 95th percentile Queue[2] | Exceeds Storage Length | Queue[2] | Exceeds Storage Length | Queue[2] | Exceeds Storage Length | Queue[2] | Exceeds Storage Length |
| N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | EBL[3] | 820 | 208 | No | 410 | No | 850 | **Yes** | 257 | No |
| | EBR[3] | 820 | 49 | No | 822 | No | 474 | No | 640 | No |
| | WBLT[4] | 775 | 352 | No | 108 | No | 356 | No | 124 | No |
| | WBTR | 265 | 245 | No | 69 | No | 278 | No | 77 | No |
| | NBLT[3] | 725 | 259 | No | 159 | No | 344 | No | 154 | No |
| | SBTR[3] | 480 | 83 | No | 465 | No | 98 | No | 464 | No |

**Notes:** SR = State Route; EBL = Eastbound left; EBR = Eastbound right; WBLT = Westbound Left-Through; WBLT = Westbound Through-Right; NBLR = Shared Northbound Left-Right; SBTR = Shared Southbound Through-Right; SBR = Southbound Right

1 Storage length is exceeded if the calculated distance is less than or equal to the storage length provided.
2 Based on 95th percentile queue length in SimTraffic 11.
3 Length measured from nearest driveway or intersection.
4 Length measured from the gore point of SR-67.

### 8.3.5 Social, Economic and Pedestrian Safety Benefits of Proposed Improvement Measures

The applicant has prepared a detailed memorandum (Appendix L) describing project's consistency, with the City's Mobility Element goals and policies as well as outlining its social and economic benefits. The memorandum provides reasons to accept deficient LOS at this intersection which include the following:

- **Feasibility of proposed improvement:** The free-right turn proposed by the project to the City and Caltrans would have improved the LOS to D; however, Caltrans has denied this request. The only improvement measure acceptable to Caltrans is the installation of the full roundabout. The construction of a roundabout was deemed economically infeasible, as described in the memo.
- **The effectiveness of non - automotive components of the circulation system would be maintained or improved as a result:** The project proposes to improve pedestrian circulation by installing a continuous sidewalk from N. Woodside Avenue on the east, through the street's intersection with the SR-67 Southbound Off-ramp and then connect to the existing sidewalk on Woodside Avenue on the west. Currently the sidewalk is discontinuous through the intersection, leaving pedestrians to traverse approximately 130 feet of unimproved shoulder between sidewalks. **Overriding economic benefits:** The project would generate substantial economic and social benefits to the City, its residents, and its businesses. In summary, the project would generate approximately $1.8M direct income to the City over a 10 year period. In addition, economically, the project would generate $23.5M in wages paid to construction workers and then upon completion $42.9M of labor income annually. See Appendix L for detailed calculation of these benefits.

  In addition, the project proposes to rehabilitate the pavement of N. Woodside Avenue starting from, on the west, where it meets the Caltrans right-of-way at the intersection of the SR-67 to the easternmost edge of the project driveway's intersection with N. Woodside Avenue, to the satisfaction of the City Engineer. In addition, the project will install approximately 1,240 SF of new roadway to fill in an unpaved area between the edge of the existing roadway and the new proposed sidewalk.

This section of Woodside Avenue has deteriorated over decades of use by local and through traffic, as well as from the truck traffic servicing the industrial park to the north of N. Woodside Avenue. By funding and performing the repaving work, the project will create a significant public benefit, improving street conditions for both City residents and businesses in the industrial park and relieving this financial burden from the City of Santee. Refer to Appendix J for a conceptual exhibit prepared by the applicant illustrating the proposed sidewalk and pavement rehabilitation at the N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection and Appendix L for a detailed discussion on project's consistency with Mobility Element policies.

# 9 Project Design Feature and Mitigation Measure

The proposed project would result in a traffic effect at the N. Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp intersection, under Existing plus Project, Near Term plus Project and Buildout plus Project conditions, As explained in Section 8.3, **PDF-TRA-1 Multi-modal Intersection Improvements** will be implemented, consistent with City's Mobility Element goals and policies as well as social and economic benefits in lieu of improving delay at the intersection:

PDF-TRA-1 Multi-modal Intersection Improvements: Prior to the issuance of a building permit, the project applicant will pay its traffic impact fees to the satisfaction of the City Engineer. Prior to the Certificate of Occupancy, the project will construct a new on-site sidewalk to connect the main entrance of the building with the existing sidewalk on N. Woodside Avenue. The project applicant will also rehabilitate the pavement with a full width and adequate structural section of N. Woodside Avenue starting from, on the west, where it meets the Caltrans right of way at the intersection of the SR-67 to the eastern most edge of the project driveway's intersection with N. Woodside Avenue, to the satisfaction of the City Engineer. The project applicant will also install approximately 1,240 SF of new roadway to fill in an unpaved area between the edge of the existing roadway and the new proposed sidewalk near N. Woodside Avenue's intersection with the SR-67. The project will install "KEEP CLEAR'" pavement markings west of this intersection to maintain vehicular ingress and egress to/from the Mission Del Magnolia community to eastbound Woodside Avenue.

The following mitigation measures would be implemented to reduce the project's VMT impact described in Section 4:

MM TRA 1 Trip Reduction Program: Prior to the issuance of first Certificate of Occupancy, the project tenant will prepare a Trip Reduction program. The program shall include the following components:

1. **Implement Commute Trip Reduction Marketing:**
    a. Set-up a Transportation Kiosk, either physically on-site or online, with transportation information that employees could access at work or on their smart phones or personal computers. If an online kiosk, information can be available on the company's website (or intranet, or internal website). The project developer or property manager will have responsibility for setting up and maintaining the information center. The Transportation Kiosk will have site-specific information about all the measures, services, and facilities discussed in this Program. In addition, the information center will include:
    b. A summary of local bus routes and local bicycle facilities to provide further information about their routes and schedules and the incentive programs available to transit users.
    c. Information about ride matching services (SANDAG - Bike Services) and on-site ride matching) and the incentive programs available to carpools.
    d. Information about services such as Uber, Lyft, and other on-demand transportation services.
    e. A local bikeways map and bicycling resources
    f. Availability of bicycle parking such as lockers and amenities including bike pumps, repair stations, full coverage lighting and security cameras.

g. Information about bicycle education classes taught by certified league instructors from the San Diego County Bicycle Coalition.

2. **Provide Ridesharing Program:** The project tenant will promote ride-sharing programs through a multi-faceted approach, such as designating a certain percentage of parking spaces for ride-sharing vehicles, designating adequate passenger loading and unloading and waiting areas for ride-sharing vehicles, and/or providing a website or message board for coordinating rides. A designated employee may partner with SANDAG to use programs such as SANDAG Vanpool, Employer Commuter Program and Guaranteed Ride Home.
3. **Implement Subsidized or Discounted Transit Program:** The project tenant would provide or reimburse the cost of monthly transit passes (such as Pronto card or mobile app) to the employees who use bus or rail transit to work to create incentive programs that reward employees for utilizing non-single occupancy vehicles to commute.
4. **Provide End of Trip Bicycle Facilities:** The project will provide at least 15 bicycle parking spaces per City's parking code requirement[7]. Where possible, appropriate designed electrical outlets will be included near the bicycle racks for charging electric bicycles (E-bikes).

MM TRA 2 Construction of Sidewalk: The Project will construct a new on-site sidewalk to connect the main entrance of the building with the existing sidewalk on N. Woodside Avenue. Together, with the sidewalk constructed per **PDF-TRA-1**, this will be a total of 990 linear feet of new sidewalk.

[7] Per City's code 5% of motorized parking should be bicycle parking, therefore 5% of 301 car parking spaces = 15 bicycle parking spaces.

# 10 Findings and Recommendations

Based on the transportation analysis of the proposed project, the following findings on VMT analysis, study area roadway and intersection levels of service, and project effects and mitigation and improvement measures are made:

## Project Description and Trip Generation

- The proposed project includes the demolition of the existing drive-in theater and the construction of a 300,145 SF industrial/warehousing building as well as associated improvements at 10990 Woodside Avenue in the City.
- The proposed project would generate approximately 1,011 daily non-PCE trips, 102 AM peak hour trips (83 inbound and 19 outbound), and 103 PM peak hour trips (23 inbound and 80 outbound). Adjusting for PCE, the proposed project would generate approximately 1,440 daily PCE trips, 148 AM peak hour trips (121 inbound and 27 outbound), and 146 PM peak hour trips (30 inbound and 116 outbound).

## VMT Analysis and Mitigation Measures

- The proposed project would generate less than 2,400 ADT. Therefore, the project's VMT analysis was conducted using the SANDAG SB 743 maps. Compared to the regional mean of 18.9 VMT per employee, the VMT per employee of the project's census tract is 22.2 VMT. Because the project's VMT is higher than the regional average of the census tract it is located within, the project would result in a significant VMT impact.
- A VMT reduction of 11.3% would be achieved through the implementation of Commute Trip Reduction Program measures and construction of sidewalk facilities along Woodside Avenue. A reduction of 15% is required to reduce the VMT per employee to at or below regional level. **As shown in Section 9, MM-TRA-1 Trip Reduction Program** would be implemented by the project's tenants to reduce the project's VMT and **MM-TRA-2 Construction of Sidewalk** would improve pedestrian network connectivity in the area. Because the project's VMT would not be reduced to below significance threshold even with the implementation of MM-TRA-1 and MM-TRA-2, the project's VMT impact would remain **significant and unavoidable**.

## Traffic Analysis and Improvement Measures

- Under Existing plus Project conditions and Near Term plus Project conditions, all the study area roadway segments would operate at LOS D or better. Under Horizon Year and Horizon Year plus Project conditions, the roadway segment of Woodside Avenue between Magnolia Avenue and N. Woodside Avenue and N. Woodside Avenue between Woodside Avenue to Project Driveway would operate at LOS E. A project's traffic effect is determined if it exceeds the volume to capacity ratio by 0.02 or more at roadway segments operating at LOS E or F. Based on that criterion, the proposed project would exceed the City's criteria for traffic effect at N. Woodside Avenue and N. Woodside Avenue between Woodside Avenue to Project Driveway, which determines the needs for roadway improvements. Project access driveway improvements and frontage improvements along N. Woodside Avenue would facilitate traffic flow and truck turn movement along Woodside Avenue near the project site. Since Woodside Avenue is constructed at buildout classification per the City's Mobility Element, no further improvements to this roadway segment are recommended.

  The proposed project would result in a traffic effect at the N. Woodside Avenue/S. Woodside Avenue – SR-67 SB Off-Ramp intersection, under Existing plus Project, Near Term plus Project and Buildout plus

Project conditions, **PDF-TRA-1 Multi-modal Intersection Improvements (see Section 9)** will be implemented, consistent with City's Mobility Element goals and policies as well as social and economic benefits in lieu of improving delay at the intersection:

- The project would construct a dedicated eastbound left turn lane at the Project Access Driveway/ N. Woodside Avenue. The project access driveway will be designed per City specifications for commercial driveways. The project would be responsible for constructing frontage improvements including sidewalks along the northern side of Woodside Avenue and connect to the existing sidewalk along N. Woodside Avenue. The project would also install crosswalks to improve pedestrian circulation at the Project Access Driveway/N. Woodside Avenue.

# 11 References


AASHTO (American Association of State Highway and Transportation Officials). A policy on Geometric Design of Highways and Streets. 2018. 7th Edition

CAPCOA (California Air Pollution Control Officers Association). 2021. Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity.

City of Santee. 2017. Proposed Update to Existing Circulation Element (Mobility Element) Technical Report and Traffic Study. July 2017.

City of Santee. 2017. General Plan Mobility Element, Adopted October 25, 2017.

City of Santee. 2022. City of Santee VMT Analysis Guidelines. April 13, 2022

Transportation Impact Analysis Fanita Ranch, Santee, March 25, 2020

ITE (Institute of Transportation Engineers). 2021. Trip Generation Manual. 11th ed.

OPR (California Governor's Office of Planning and Research). 2018. Technical Advisory on Evaluating Transportation Impacts in CEQA. December 2018. Accessed February 2021. http://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf.

SANDAG (San Diego Association of Governments). 2002. Brief Guide of Vehicular Trip Generation Rates for the San Diego Region. April 2002.

TRB (Transportation Research Board). 2016. Highway Capacity Manual, Sixth Edition: A Guide for Multimodal Mobility Analysis.

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# Appendix A

Transportation Scoping Document

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# MEMORANDUM

| | |
|---|---|
| **To:** | Minjie Mei, Principal Traffic Engineer, City of Santee |
| **From:** | Sabita Tewani, AICP, PTP, Transportation Planner |
| **Subject:** | Revised Transportation Impact Study (TIS) Scoping for the Palisade Santee Commerce Center Project, City of Santee |
| **Date:** | August 16, 2023, Updated September 2024 |
| **cc:** | Kristen Stoner, Dudek<br>Dennis Pascua, Dudek |
| **Attachments:** | Figures 1-3<br>A – Observed Trip Rate Summary and Driveway Count Sheets<br>B – Cumulative Projects and Santee Active Projects Map (~~June 2023~~ August 2024)<br>C –VMT Scoping Form |

The following memorandum provides the revised scope of work for the Transportation Impact Study (TIS) for the Palisade Commerce Santee Commerce Center Project (project). The scope revisions incorporate the City's comments from April 2023 (April 19, 2023, Inter-Office Memo) as well as item discussed in subsequent calls with the City's Traffic Engineers, Minjie Mei and Jeff Morgan, and include the following:

- An increase in square footage from 291,290 square feet (SF) to 300,145 SF (+8,855 SF).
- A trip generation survey of existing, similar industrial land uses to substantiate the use of trip rates from the current edition of the Institute of Transportation Engineers (ITE) Trip Generation, 11th Edition (2021).
- Revised vehicle miles traveled (VMT) findings based on use of the ITE trip rates for the project.

The proposed project site is located at 10990 N. Woodside Avenue in the City of Santee (City) on a site currently occupied by the Santee Drive In Theater. The following memorandum has been prepared consistent with the City of Santee Vehicle Miles Traveled (VMT) Analysis Guidelines (April 13, 2022) and the ITE Guidelines for Transportation Impact Studies in the San Diego Region (May 2019) which provide guidance on the requirements to evaluate transportation impacts using VMT and level of service (LOS) metrics for projects in the City. This memorandum provides the documentation related to selection of appropriate trip rates for the project, the resulting trip generation, proposed traffic study area and analysis scenarios, cumulative projects list, and the SANDAG VMT summary for the proposed project.

## 1 Project Description

The proposed project includes the demolition of the existing drive-in theater and the construction of a 300,145 SF industrial/warehousing building as well as associated improvements including loading docks, trailer stalls, passenger vehicle parking spaces, and street, sidewalk, and landscape improvements. The Assessor Parcel

Number (APN) of the Project site is 381-070-5200. The City's General Plan Land Use Map designates the project site the entire site as Light Industrial.

Figure 1 illustrates the project's location. Regional access to the project site is available from State Route (SR) 52 and SR 67 via Magnolia Avenue, Woodside Avenue, and Riverford Road. The Project would be accessed via a dedicated drive aisle on Woodside Avenue which leads to two 40-foot-wide driveways. These driveways and an on-site roadway would provide access to the vehicle parking lots and two truck courts. Vehicle parking for employees would be in parking lots along the periphery of the project site. The site plan of the proposed project is shown on Figure 2.

# 2 Project Traffic

The project would include construction of a 300,145 SF industrial building with approximately 10,000 SF of mezzanine space and up to 42 dock high doors. The building could be used for multiple tenants for warehousing and distribution, manufacturing, assembly, research and development, and related office uses. Therefore, Dudek reviewed available trip generation rates in SANDAG (2002) Brief Guide of Vehicular Trip Generation Rates for the San Diego Region and also compared them to the trip rates of industrial uses in the Institute of Transportation Engineers (ITE) Trip Generation, 11th Edition (2021). The SANDAG trip rates are significantly higher for warehousing (5 trips/TSF) and an industrial park use (8 trips/TSF) when compared to the current ITE Trip Generation Manual. Therefore, as directed by the City, Dudek conducted trip generation surveys of existing, similar industrial uses in the San Diego region. The surveys were conducted since there are large discrepancies between industrial land use trip rates reported in the SANDAG (2002) and ITE (2021) trip generation rate sources.

## 2.1 Trip Generation Survey

Dudek identified three industrial sites with warehousing, manufacturing, and/or research and development uses, in similar size and location to the proposed project and collected empirical data at those sites to establish an appropriate trip generation rates for the proposed project. The selected sites were representative of uses that might occupy the project site. If found to be appropriate by the City, the use of this empirical data to estimate daily and peak hour project traffic volumes for passenger cars and trucks would be utilized for the project's transportation analysis. In discussion with the City, the following sites were selected for the trip generation surveys:

- Site 1. Vision Systems, Inc: an approximately 140,000 SF manufacturing/warehousing use (including outdoor materials yard) located at 11322 N. Woodside Avenue in the City of Santee. (see Attachment A, Figure a)
- Site 2. MagnaFlow: an approximately 330,000 SF research & development/manufacturing/warehousing use in two adjacent buildings (240,000 SF and 90,000 SF) located at 1901 Corporate Center Drive and 3937 Ocean Ranch Boulevard, respectively, in the City of Oceanside. (see Attachment A, Figure b)
- Site 3. Veritiv Distribution Warehouse: an approximately 212,275 SF warehousing use located at 2005 Harmony Grove Rd in the City of Escondido. (see Attachment A, Figure c)

24-hour traffic counts were collected at the driveways of the sites listed above for two consecutive weekdays in the month of June 2023. The counts included all vehicles, bicyclists, and pedestrians that entered or exited these

sites. The driveway counts were classified by vehicle type (i.e., passenger-cars and light, medium, and heavy trucks) and by the time of the day for a period of two days. The driveway counts were summed and averaged over the two-day period and used to establish a vehicular trip rate for passenger cars and trucks per TSF of building area for the daily, AM peak hour and PM peak hour of the generator and the peak hour of adjacent street traffic for each site. See Attachment A for details on Observed Trip Rate Summary and Driveway Count Sheets.

As shown in Attachment A, the summary of Observed Trip Generation Rates at the sites surveyed in the San Diego region, the highest trip generation rate was at Site 1 (3.15 daily trips per TSF) and the lowest trip generation site was at Site 3 (0.41 daily trips per TSF). The percentage of truck trips of the total daily trips was also observed to be low at Site 1 (0.21 truck trips/TSF, or 6.8% of 3.15 daily trips/TSF) and Site 2 (0.15 truck trips/TSF, or 6.3% of 2.43 daily trips/TSF). The truck trips were noted to be higher at Site 3 (0.10 trips/TSF, or 25% of 0.41 daily trips/TSF).

## 2.2 Project Trip Generation

Based on the driveway counts results, and the low trip generation observed at all three industrial use sites, Dudek recommends using the ITE trip generation rate for the Industrial Park use (ITE Code 130) at 3.37 daily trips/TSF to estimate the project's daily, AM peak hour, and PM peak hour trip generation. The ITE daily trip rate (3.37 trips/TSF) is higher than Site 1 which had the highest surveyed empirical rate (3.15 trips/TSF). Additionally, to provide a conservative estimate of truck trips, the warehouse truck fleet mix from the South Coast Air Quality Management District's (SCAQMD) Warehouse Truck Trip Study Data Results and Usage (2014) be used to estimate project-related truck traffic. Based on the SCAQMD data, passenger cars would account for 72.5% trips of the total trips generated by a warehouse facility, and truck trips would account for approximately 27.5% of the total trips. The ITE and SCAQMD trip generation data are widely used for other industrial projects in southern California.

The total percentage of truck trips were further divided by 2-axle, 3-axle, and 4+ axle trucks per the SCAQMD study. These truck trips generated by the project are provided in PCE trips by using appropriate PCE factors. PCE factors consistent with the standard practice were used to estimate the total PCE trips for the project. Table 1 provides the project's trip generation summary.

**Table 1. Project Trip Generation Summary**

| Land Use | Daily Trip Rate/Unit | | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|---|---|
| | | | In | Out | Total | In | Out | Total |
| **Trip Rates and Trip Generation** | | | | | | | | |
| Industrial Park [1] | 3.37 trips/TSF | | 0.28 | 0.06 | 0.34 | 0.07 | 0.27 | 0.34 |
| **Land Use** | **Units** | **Daily** | | | | | | |
| Project (300.145 TSF) | Total Trips (non-PCE) | 1,011 | 83 | 19 | 102 | 23 | 80 | 103 |
| | *Passenger Cars* | *733* | *60* | *14* | *74* | *16* | *58* | *74* |
| | *Trucks (non-PCE)* | *278* | *24* | *5* | *29* | *6* | *23* | *29* |
| **Trucks (PCE)** | | | | | | | | |
| Vehicle Mix[2] | Passenger Cars (72.5%) | 733 | 60 | 14 | 74 | 16 | 58 | 74 |

**Table 1. Project Trip Generation Summary**

| Land Use | Daily Trip Rate/Unit | | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|---|---|
| | | | In | Out | Total | In | Out | Total |
| and PCE Trips | 2-axle Trucks (4.6%) | 46 | *4* | *1* | *5* | *1* | *4* | *5* |
| | 3-axle Trucks (5.7%) | 58 | *5* | *1* | *6* | *1* | *5* | *6* |
| | 4+axle Trucks (17.2%) | 174 | *15* | *3* | *18* | *4* | *14* | *18* |
| | **Non - PCE Trips** | **1,011** | **83** | **19** | **102** | **23** | **80** | **103** |
| **Trip Generation (PCE)** | | | | | | | | |
| Vehicle Mix[2] and PCE Trips | Passenger Cars (72.5%) | 733 | 60 | 14 | 74 | 16 | 58 | 74 |
| | 2-axle Trucks (4.6%) | 70 | 6 | 1 | 7 | 1 | 6 | 7 |
| | 3-axle Trucks (5.7%) | 115 | 10 | 2 | 12 | 2 | 10 | 12 |
| | 4+axle Trucks (17.2%) | 522 | 45 | 9 | 54 | 11 | 42 | 53 |
| | **PCE Trips** | **1,440** | **121** | **27** | **148** | **30** | **116** | **146** |

**Notes:** TSF = thousand square feet, PCE = passenger car equivalent Some of the totals may not match exactly due to rounding.
1 Trip rates from the ITE.
2 Vehicle Mix from the SCAQMD 2014.

As shown in Table 1, using the ITE and SCAQMD trip generation data, the proposed project would generate approximately 1,011 daily trips, 102 AM peak hour trips (83 inbound and 19 outbound), and 103 PM peak hour PCE trips (23 inbound and 80 outbound). With PCE conversion, the proposed project would generate approximately 1,440 daily PCE trips, 148 AM peak hour PCE trips (121 inbound and 27 outbound), and 146 PM peak hour PCE trips (30 inbound and 116 outbound).

# 3 LOS Analysis

## 3.1 Study Area

Per the ITE San Diego Regional guidelines, the study area for the LOS analysis should be based on the threshold of 50 or more AM or PM peak-hour project trips that pass through an intersection. Based on the project's trip generation (Table 1) and trip distribution shown on Figure 3, the following intersections (shown on Figure 1) are proposed for the project's LOS analysis:

1. Magnolia Avenue/SR-52 eastbound off-ramp
2. Magnolia Avenue/SR-52 westbound on-ramp - SR-67 southbound on-ramp
3. Magnolia Avenue-Mission Gorge Road/Woodside Avenue
4. N. Woodside Avenue/Woodside Avenue – SR 67 southbound off-ramp
5. Hartley Road/N. Woodside Avenue
6. Wheatlands Avenue/N. Woodside Avenue
7. Project Access Roadway/N. Woodside Avenue

The following roadway segments are proposed for the analysis:

1. N. Woodside Avenue, between Project Driveway and Woodside Avenue
2. Woodside Avenue, between Magnolia Avenue and N. Woodside Avenue – Woodside Avenue
3. Magnolia Avenue, between Woodside Avenue-Mission Gorge Road and SR-52 westbound on-ramp-SR-67 southbound on-ramp

## 3.2 Study Scenarios

The following scenarios will be analyzed in the LOS analysis:

- Existing Conditions
- Existing Plus Project Conditions
- Near-Term Conditions
- Near-Term plus Project Conditions
- Horizon Year Conditions
- Horizon year plus Project Conditions

~~A buildout horizon year analysis is not proposed since the project is consistent with the City's land use/zoning and is not proposing any roadway network changes that are not accounted for in the General Plan. Additionally, the project trip generation would not exceed the threshold of 2,400 ADT requiring a buildout SANDAG model run.~~

## 3.3 ~~Existing and Near-Term~~ Traffic Volumes

New traffic counts were collected during the AM and PM peak hours at the proposed study area intersections, and 24-hour daily counts at the roadway segments were collected on one typical weekday in May 2023 while nearby schools were in session. The Near-Term traffic volumes will be developed using information on cumulative projects in the vicinity of the project within the City. Dudek reviewed the currently available map of approved/pending projects. In consultation with the City, Dudek has prepared a list of six projects which would be included in the Near-Term conditions traffic analysis. See Attachment B for details on cumulative projects. The horizon Year traffic volumes (ADT and AM and PM peak hour) will be estimated using the recently approved Fanita Ranch Traffic Impact Study (LLG 2020).

## 3.4 Traffic Analysis

Intersection LOS and roadway segment capacity analyses will be analyzed consistent with the Highway Capacity Manual (HCM) methodology for the Existing and Near-Term conditions (with and without project). For any operational deficiencies found, per Table 7-1 – Determination of the Need for Roadway Improvements provided in the ITE guidelines, site or operational improvements will be provided to lessen the project's LOS effects.

Dudek will qualitatively analyze the transit, pedestrian, and bicycle facilities that serve the project site. Project access and on-site circulation will be based on the City's Standard Plans/Drawings for access and on-site circulation design requirements. Vehicular queuing at the project's driveway intersection (Project Access Roadway/Woodside Avenue) will

be analyzed for adequacy based on the 95th percentile (design) queues. As requested by the City, Dudek will evaluate the need for a dedicated eastbound left turn into the Project Access Roadway from Woodside Avenue.

For any project related traffic effects found, Dudek will determine appropriate and feasible improvement measures.

# 4 VMT Analysis and Impact Determination

The City's VMT scoping form is attached to this memorandum (Attachment C). The project site is within Census Tract 166.07 under the current SANDAG Travel Demand model. Since the project's daily trip generation estimate would be below 2,400 average daily trips, and the project's census tract includes other employee-based uses, a project-specific model run by SANDAG would not be required. Based on the San Diego Region SB743 VMT Maps and using City's criteria for evaluation of Industrial projects, the project is within a high-VMT generating area for VMT per employee (i.e., greater than or equal to the regional mean). Compared to the regional mean of 18.9 VMT per employee, the VMT per employee of the project's census tract is 22.2 VMT. Therefore, it can be inferred that the proposed project would result in a significant VMT impact.

To mitigate project's VMT impacts, TDM strategies from the California Air Pollution Control Officers Association (CAPCOA) Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity (2021) (GHG Reduction Handbook) and the SANDAG Mobility Management Guidebook/VMT Reduction Calculator Tool will be provided in the TIS.



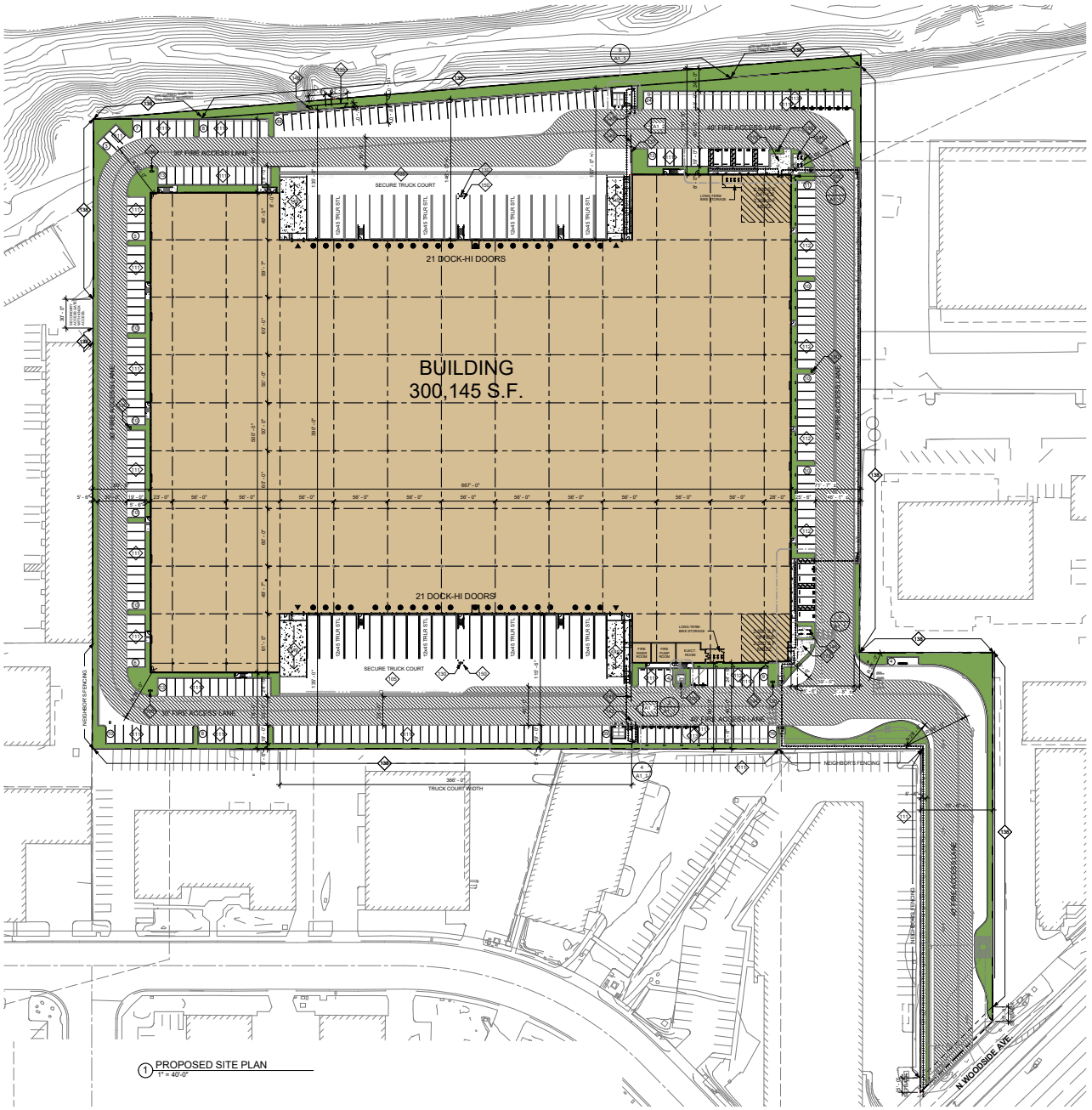

SOURCE: SanGIS, Open Street Maps

NOT TO SCALE

**FIGURE 1**

Project Location and Study Area

Palisade Santee Commerce Center Project




**DEVELOPER/OWNER**

NORTH PALISADE PARTNERS
1330 FACTORY PLACE #105, LOS ANGELES, CA 90013
CONTACT: BRIAN WONG
PHONE: 310.242.1812
EMAIL: BRIAN.WONG@NORTHPALISADE.COM
WEBSITE: WWW.NORTHPALISADE.COM

**APPLICANT'S REPRESENTATIVE/ARCHITECT**

HERDMAN ARCHITECTURE & DESIGN, INC.
100 BAYVIEW CIRCLE SUITE 100
NEWPORT BEACH, CA 92660
CONTACT: BRIDGET HERDMAN
PHONE: 714.389.2800
EMAIL: PROJECTADMIN@HERDMAN-AD.COM

**SCOPE OF WORK**

CONSTRUCT NEW ONE STORY + MEZZANINE CONCRETE TILT-UP WAREHOUSE/DISTRIBUTION FACILITY WITH ELECTRICAL AND PLUMBING SERVICES, EXTERIOR LIGHTING, LANDSCAPING & IRRIGATION, TRASH ENCLOSURES, CONCRETE SCREEN WALLS, AND SLIDING/SWINGING METAL GATES. FIRE SPRINKLER AND GRADING PLANS TO BE A SEPARATE SUBMITTAL AND PERMIT

**LEGAL DESCRIPTION & ZONING**

LEGAL DESCRIPTION: SEE CIVIL

ASSESSOR'S PARCEL NO.: 381-070-52-00

**PROJECT INFORMATION & AREA ANALYSIS**

**BUILDING ADDRESS:** 10990 WOODSIDE AVE. SANTEE, CA 92071
CONSTRUCTION TYPE: II-B
OCCUPANCY: B / S-1
FIRE SPRINKLER: YES (ESFR NFPA 72, NFPA 13 & NFPA 24)
CLEAR HEIGHT: 36'

**ZONING:**
GENERAL PLAN: G-I (NERAL INDUSTRIAL)
SPECIFIC PLAN: N/A
FEMA FLOOD ZONE: NO FLOOD ZONE

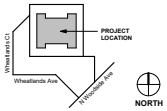
**BUILDING SETBACKS:**
FRONT SETBACK: 15'
SIDE SETBACK: 5'
REAR SETBACK: NONE

**ALLOWABLE AREA:**
UNLIMITED AREA PER CBC 507 PER TABLE 508.2

**SHEET INDEX**


| | |
|---|---|
| A0 | TITLE SHEET |
| A1 | SITE PLAN |
| A1_0 | SITE UTILIZATION MAP |
| A1_1 | ENLARGED PARTIAL SITE PLANS |
| A1_2 | GATE & FENCE ELEVATION |
| A1_4 | STRIPING & SIGNAGE PLAN |
| A2 | GROUND LEVEL FLOOR PLANS |
| A4 | EXTERIOR ELEVATIONS |
| A5 | EXTERIOR ELEVATION COLOR BOARD |
| C1 | CONCEPTUAL GRADING PLAN |
| C2 | CONCEPTUAL UTILITY PLAN |
| L-1 | CONCEPTUAL LANDSCAPE PLAN |
| L-2 | LANDSCAPE SECTIONS |
| FC-1.0 | SITE PHOTOMETRIC PLAN |
| R-1 | RENDERING |
| R-2 | RENDERING |
| R-3 | RENDERING |
| R-4 | RENDERING |
| R-5 | RENDERING |
| R-6 | RENDERING |


**VICINITY MAP**




**SITE PLAN GENERAL NOTES**

1. THE SITE PLAN SHALL MEET ALL ENGINEERING & NPDES REQUIREMENTS.
2. GENERAL CONTRACTOR TO REVIEW THE SOILS REPORT AND ALL AMENDMENTS LISTED ON THE TITLE SHEET AND FOLLOW ALL RECOMMENDATIONS.
3. U.O.N., ALL DIMENSIONS TO CONCRETE WALLS AND CURBS ARE EITHER TO THE CENTER (SHOWN WITH A CENTERLINE) OR FACE OF THE WALL OR CURB. ALL DIMENSIONS TO FRAMED WALLS ARE EITHER TO THE CENTER LINE OF THE WALL FRAMING (SHOWN WITH A CENTERLINE) OR FACE OF THE WALL FRAMING.
4. REFER TO CIVIL AND MEP PLANS TO CONFIRM UTILITY INFORMATION SHOWN ON THE ARCHITECT'S SITE PLAN AND FOR ADDITIONAL UTILITY INFORMATION. GENERAL CONTRACTOR TO COORDINATE ALL POINTS OF CONNECTION.
5. REFER TO CIVIL DRAWINGS FOR ALL FINISHED GRADES AND SLOPES. ALL FINISHED GRADES TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING. GENERAL CONTRACTOR TO FIELD VERIFY.
6. ALL ACCESSIBLE ROUTES IDENTIFIED ON THE SITE PLAN DRAWINGS SHALL CONFORM TO THE FOLLOWING:
   a) SLOPES IN THE DIRECTION OF TRAVEL DO NOT EXCEED 5%, CROSS SLOPES DO NOT EXCEED 2%.
   b) THE CLEAR WIDTH OF ALL WALKWAYS IS 4'-0" MIN.
   c) CHANGES IN LEVEL UP TO 1/2" COMPLY w/ 11A\D.2.1. CHANGES IN LEVEL GREATER THAN 1/2" IF THEY OCCUR ARE RAMPED. SEE PLANS.
   d) THE VERTICAL CLEARANCE ALONG THE ACCESSIBLE ROUTE IS 80" MIN.
7. ALL PAVED AND LANDSCAPED AREAS TO BE BOUND BY A MIN. 6" HIGH, 6" WIDE CONCRETE CURB U.O.N.
8. A CONCRETE MOW STRIP EXTENDING 12" BEYOND EA END OF THE OPENING SHALL BE PROVIDED @ ALL EXTERIOR GLAZING WHERE THE SILL IS WITHIN 3' VERTICAL OF THE FINISHED GRADE. SEE 2/A01.1
9. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY UTILITY COMPANIES AND OR FIRE AUTHORITIES AT ALL EXTERIOR ELECTRICAL EQUIPMENT AND FIRE PREVENTION DEVICES. IF PIPE BOLLARD PROTECTION POST DETAILS ARE NOT PROVIDED BY UTILITY COMPANIES AND OR FIRE AUTHORITY SEE DETAIL 3/A01.1
10. ALL EXPOSED BIORETENSION DEVICE COVERINGS SHALL BE PAINTED FOREST GREEN.
11. WHERE OCCURS, GENERAL CONTRACTOR TO PROVIDE FLUID APPLIED DAMP PROOFING AT ALL RETAINING AND PLANTER WALLS WHERE THE SIDE OF THE WALL OPPOSITE THE SOIL SIDE IS EXPOSED TO INTERIOR SPACE OR WHERE THE SOIL SIDE IS ADJACENT FLOOR SLAB IN BELOW GRADE. SEE 6/A01.2
12. PROVIDE A HOSE BIB NEAR THE MAIN ENTRANCE AND IN THE TRASH ENCLOSURE. SEE PLAN FOR LOCATION.

**KEYNOTES**

| | |
|---|---|
| 105 | CONCRETE PAVING. |
| 109 | (N) TRANSFORMER LOCATION. |
| 111 | TYP U.O.N., STANDARD PARKING STALL. 9'-0" WIDE x 19'-0" DEEP |
| 112 | EV (ELECTRIC VEHICLE) CAPABLE PARKING STALL. PROVIDE FOR FUTURE EVSE (ELECTRIC VEHICLE SUPPLY EQUIPMENT). MATCH STANDARD STALL SIZE |
| 113 | EVCS (ELECTRIC VEHICLE CHARGING STATION). PROVIDE EVSE (ELECTRIC VEHICLE SUPPLY EQUIPMENT). MATCH STANDARD STALL SIZE. |
| 130 | (N) FIRE HYDRANT. |
| 134 | FIRE DEPARTMENT CONNECTION (FDC). |
| 135 | PRE-CAST CONCRETE FENCE SUPPORTED BY METAL POSTS FROM GREENFIELD FENCE. MIN HEIGHT 6'ABOVE HIGHEST ADJACENT FINISHED GRADE. PAINT BOTH SIDES AND TOP OF WALL. |
| 137 | TUBE STEEL FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE. |
| 138 | CHAIN LINK FENCE. MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE. |
| 143 | PAINTED STEEL ROLLING GATE(S). MIN HEIGHT 8' ABOVE HIGHEST ADJACENT FINISHED GRADE OR AS SHOWN ON EXTERIOR ELEVATIONS. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY. |
| 145 | PAINTED STEEL SWINGING PEDESTRIAN GATE. WHEN OCCURS IN TUBE STEEL FENCE, ALIGN TOP w/ FENCE HEIGHT. WHEN OCCURS IN CONCRETE SCREEN WALL, U.O.N., ALIGN TOP w/ SCREEN WALL. PROVIDE KNOX BOX AS REQUIRED BY FIRE AUTHORITY. |
| 146 | 2 POSITION BIKE RACK. |
| 149 | CONCRETE TRUCK RAMP w/ 42" HIGH CONCRETE TILT-UP GUARD ON OPEN SIDE(S). PAINT ALL SIDES OF GUARD WALLS AND HANDRAILS SEE ARCHITECTURAL DRAWINGS FOR COLOR SCHEDULE. |
| 150 | STEEL PIPE BOLLARD PROTECTION POST. |
| 178 | OUTDOOR EMPLOYEE BREAK AREA. |

**LOT AREA**

| SQUARE FOOTAGE | ACRES |
|---|---|
| 587730 SF | 13.49 |

**FLOOR AREA RATIO**

| BUILDING AREA | SITE AREA | FAR ALLOWABLE | FAR PROVIDED |
|---|---|---|---|
| 300145 SF | 587730 SF | 100% | 51.1% |

**BUILDING AREA SUMMARY**

| NAME | AREA |
|---|---|
| GROUND FLOOR | |
| WAREHOUSE | 290145 SF |
| OFFICE | 2500 SF |
| OFFICE | 2500 SF |
| | 295145 SF |
| MEZZANINE | |
| OFFICE | 5000 SF |
| | 5000 SF |
| GROUND LEVEL + MEZZANINE | |
| WAREHOUSE | 290145 SF |
| OFFICE | 10000 SF |
| TOTAL BUILDING AREA | 300145 SF |

**LANDSCAPE AREA SUMMARY**

* SEE LANDSCAPE PLAN

**TOTAL PARKING REQUIRED**

| BUILDING USE | BUILDING AREA | PARKING RATIO 1/X | REQ. PARKING |
|---|---|---|---|
| OFFICE | 10000 SF | 1000 | 11 |
| WAREHOUSE | 290145 SF | 1000 | 291 |
| TOTAL: 4 | 300145 SF | | 302 |

**REQUIRED PARKING BREAKDOWN**

| SPACE TYPE | SPACES REQUIRED |
|---|---|
| STANDARD STALLS | 230 |
| STANDARD ACCESSIBLE STALLS | 6 |
| VAN ACCESSIBLE STALLS | 2 |
| EV CAPABLE STALL (w/o EVSE) | 45 |
| EVCS (EV CAPABLE STALL w/ EVSE) | 18 |
| STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| TOTAL | 301 |

**PARKING PROVIDED**

| SPACE TYPE | SPACES PROVIDED |
|---|---|
| STANDARD STALLS | 230 |
| STANDARD ACCESSIBLE STALLS | 6 |
| VAN ACCESSIBLE STALLS | 2 |
| EV CAPABLE STALL (w/o EVSE) | 45 |
| EVCS (EV CAPABLE STALL w/ EVSE) | 18 |
| STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE) | 1 |
| TOTAL | 301 |

**SITE LEGEND**

LANDSCAPE AREA

CONCRETE PAVING WHEN OCCURS @ PARKING AREAS, DRIVE AISLES, & OR TRUCK COURT. SEE CIVIL DRAWINGS FOR PAVING SECTIONS

FIRE HYDRANT. PROVIDE PIPE BOLLARD PROTECTION POSTS AS REQUIRED BY THE FIRE AUTHORITY. SEE 3/A01.1

STREET LIGHT

INDICATES AN ACCESSIBLE ROUTE. MUST COMPLY w/ SITE PLAN GENERAL NOTE #6

PROPERTY LINE

DOCK HIGH DOOR

DRIVE THRU. DOOR

**PROJECT**
PALISADE SANTEE COMMERCE CENTER
SANTEE, CA
FINAL APPROVAL SET

NORTH PALISADE PARTNERS

HERDMAN ARCHITECTURE + DESIGN

A22-2164
06.04.2024

SITE PLAN

NORTH

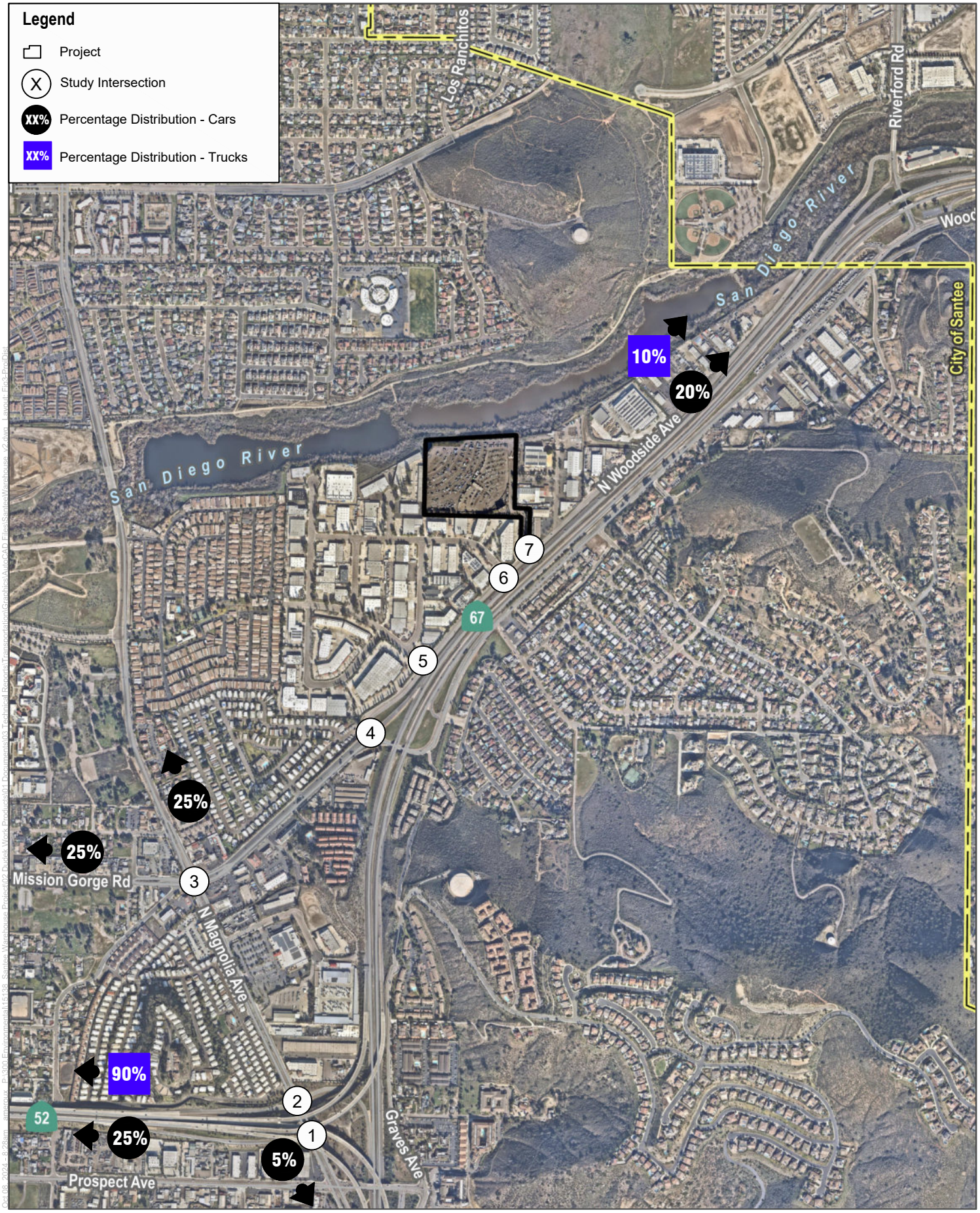
A1

6/4/2024 11:26:36 AM

SOURCE: Herdman Architecture + Design 2023

DUDEK NOT TO SCALE

**FIGURE 2**
Site Plan
Palisade Santee Commerce Center Project




SOURCE: SanGIS, Open Street Maps

DUDEK

NOT TO SCALE

**FIGURE 3**

Project Trip Distribution

Palisade Santee Commerce Center Project

# Attachment A

Trip Rate Summary and Driveway Count Sheets




SOURCE: Bing Imagery 2021

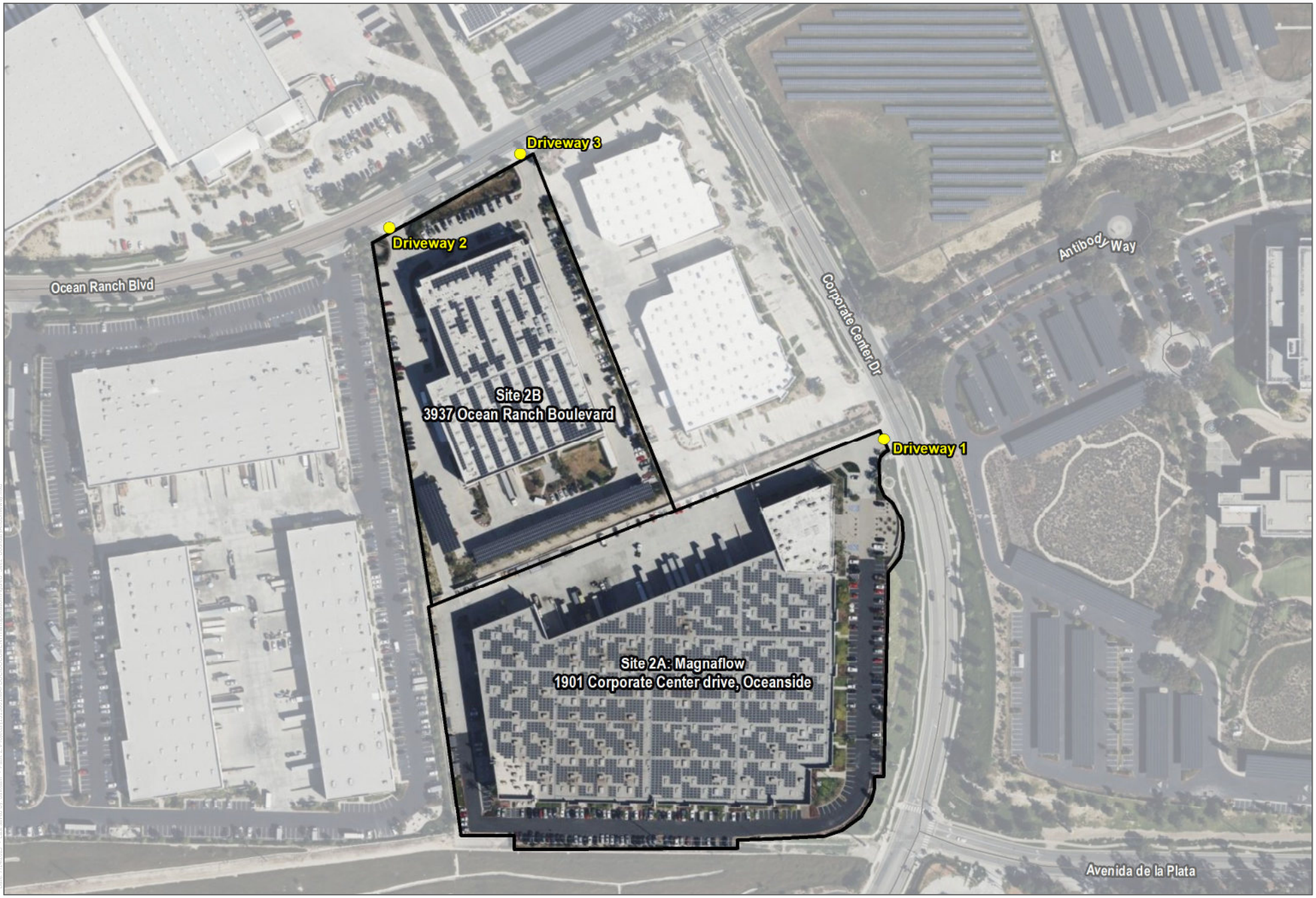
DUDEK

0 80 160 Feet

FIGURE A

Site 1

Palisade Santee Commerce Center Project




SOURCE: Bing Imagery 2021

DUDEK

0 112.5 225 Feet

FIGURE B

Site 2

Palisade Santee Commerce Center Project




SOURCE: Bing Imagery 2021

DUDEK

0 105 210 Feet

FIGURE C

Site 3

Palisade Santee Commerce Center Project

**Site Information**

| | |
|---|---|
| **Owner** | Vision Systems |
| **Address** | 11322 N. Woodside Ave, Santee, CA 92071 |
| **Use** | Manufacturing/Warehouse |
| **Size** | 140,000 SF |

**Driveway 1 - Woodside Avenue**

| | AM | AM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator | 4:15-5:15 | Day 1 | 70 | 1 | 0 | 0 | 0 | 0 | 71 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| Generator | 4:15-5:15 | Day 2 | 73 | 0 | 0 | 0 | 0 | 0 | 73 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| | | Average | 72 | 1 | 0 | 0 | 0 | 0 | 72 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| Adjacent Street | 8:45-9:45 | Day 1 | 11 | 1 | 1 | 3 | 0 | 0 | 16 | 11 | 0 | 1 | 1 | 0 | 0 | 13 |
| Adjacent Street | 8:45-9:45 | Day 2 | 5 | 1 | 0 | 2 | 0 | 0 | 8 | 8 | 1 | 1 | 1 | 0 | 0 | 11 |
| | | Average | 8 | 1 | 1 | 3 | 0 | 0 | 12 | 10 | 1 | 1 | 1 | 0 | 0 | 12 |

| AM | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator Peak Hour Trips | 72 | 1 | 0 | 0 | 0 | 0 | 72 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| Adj Street Peak Hour Trips | 8 | 1 | 1 | 3 | 0 | 0 | 12 | 10 | 1 | 1 | 1 | 0 | 0 | 12 |

| Generator Peak Hour | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|
| | In | Out | Total | In | Out | Total |
| Cars | 72 | 5 | 77 | 14 | 64 | 77 |
| Heavy Vehicles | 0 | 0 | 0 | 0 | 0 | 0 |
| Combined | 72 | 5 | 77 | 14 | 64 | 77 |
| | 94% | 6% | | 18% | 82% | |

| Daily | Driveway 1 | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 364 | 37 | 8 | 14 | 0 | 0 | 423 |
| Day 2 | 398 | 24 | 6 | 32 | 0 | 0 | 460 |
| Average | 381 | 31 | 7 | 23 | 0 | 0 | 442 |

| Generator | Daily Trips | Trip Rate | AM Trips | Trip Rate | PM Trips | Trip Rate |
|---|---|---|---|---|---|---|
| Cars | 412 | 2.94 | 77 | 0.55 | 77 | 0.55 |
| Heavy Vehicles | 30 | 0.21 | 0 | 0.00 | 0 | 0.00 |
| Combined | 442 | 3.15 | 77 | 0.55 | 77 | 0.55 |

| Adj Street | Daily Trips | Trip Rate | AM Trips | Trip Rate | PM Trips | Trip Rate |
|---|---|---|---|---|---|---|
| Cars | 412 | 2.94 | 19 | 0.14 | 11 | 0.08 |
| Heavy Vehicles | 30 | 0.21 | 5 | 0.04 | 0 | 0.00 |
| Combined | 442 | 3.15 | 24 | 0.17 | 11 | 0.08 |

| | AM Peak Hour | | | PM Peak Hour | | | Peak Hour Generator | | |
|---|---|---|---|---|---|---|---|---|---|
| Daily Trips/TSF | In | Out | Total | In | Out | Total | In | Out | Total |
| 3.15 | 0.09 | 0.09 | 0.18 | 0.00 | 0.08 | 0.08 | 0.10 | 0.45 | 0.55 |

**Driveway 1 - Woodside Avenue**

| | PM | PM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator | 14:45 - 15:45 | Day 1 | 14 | 1 | 0 | 0 | 0 | 0 | 15 | 56 | 1 | 0 | 0 | 0 | 0 | 57 |
| Generator | 15:00 - 16:00 | Day 2 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 69 | 1 | 0 | 0 | 0 | 0 | 70 |
| | | Average | 13 | 1 | 0 | 0 | 0 | 0 | 14 | 63 | 1 | 0 | 0 | 0 | 0 | 64 |
| Adjacent Street | 16:00-17:00 | Day 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| Adjacent Street | 16:00-17:00 | Day 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 12 |
| | | Average | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |

| PM | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator Peak Hour Trips | 13 | 1 | 0 | 0 | 0 | 0 | 14 | 63 | 1 | 0 | 0 | 0 | 0 | 64 |
| Adj Street Peak Hour Trips | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |

| Adj Street Peak Hour | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|
| | In | Out | Total | In | Out | Total |
| Cars | 9 | 10 | 19 | 0 | 11 | 11 |
| Heavy Vehicles | 3 | 2 | 5 | 0 | 0 | 0 |
| Combined | 12 | 12 | 24 | 0 | 11 | 11 |
| | 50% | 50% | | 0% | 100% | |

**Site Information**

| | |
|---|---|
| Owner | MagnaFlow |
| Address | 1901 Corporate Center Drive, Oceanside, CA |
| Use | R&D/Manufacturing/Warehouse |
| Size | 330,000 SF |
| 2A | 240,000 |
| 2B | 90,000 |
| 2B | 3937 Ocean Ranch Boulevard |

**Driveway 1 (w/o Corporate Dr.)**

| AM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 73 | 2 | 0 | 0 | 0 | 0 | 75 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Day 2 | 75 | 0 | 0 | 0 | 0 | 0 | 75 | 75 | 0 | 0 | 0 | 0 | 0 | 75 |
| Average | 74 | 1 | 0 | 0 | 0 | 0 | 75 | 38 | 0 | 0 | 0 | 0 | 0 | 38 |
| Day 1 | 37 | 0 | 0 | 0 | 0 | 0 | 37 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| Day 2 | 36 | 1 | 0 | 1 | 0 | 0 | 38 | 36 | 1 | 0 | 1 | 0 | 0 | 38 |
| Average | 37 | 1 | 0 | 1 | 0 | 0 | 38 | 21 | 1 | 0 | 1 | 0 | 0 | 22 |

AM — Generator 4:45-5:45 / Generator 4:45-5:45 / Adjacent Street 7:15-8:15 / Adjacent Street 7:30-8:30

**Driveway 2 (Western Ocean Ranch Blvd)**

| AM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 6 | 0 | 1 | 0 | 0 | 0 | 7 |
| Day 2 | 4 | 2 | 0 | 0 | 0 | 0 | 6 | 6 | 1 | 0 | 2 | 0 | 0 | 9 |
| Average | 5 | 1 | 0 | 0 | 0 | 0 | 6 | 6 | 1 | 1 | 1 | 0 | 0 | 8 |
| Day 1 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| Day 2 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 2 | 0 | 1 | 0 | 0 | 4 |
| Average | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 2 | 0 | 1 | 0 | 0 | 3 |

AM — Generator 10:00-11:00 / Generator 10:15-11:15 / Adjacent Street 7:15-8:15 / Adjacent Street 8:30-9:30

**Driveway 3 (Eastern Ocean Ranch Blvd)**

| AM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 25 | 1 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Day 2 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Average | 25 | 1 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Day 1 | 4 | 2 | 0 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Day 2 | 5 | 1 | 0 | 1 | 0 | 0 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| Average | 5 | 2 | 0 | 1 | 0 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |

AM — Generator 5:00-6:00 / Generator 5:00-6:00 / Adjacent Street 7:30-8:30 / Adjacent Street 8:45-9:45

**Total (D1+D2+D3)**

| AM | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator Peak Hour Trips | 104 | 3 | 0 | 0 | 0 | 0 | 106 | 44 | 1 | 1 | 1 | 0 | 0 | 46 |
| Adj Street Peak Hour Trips | 45 | 2 | 0 | 2 | 0 | 0 | 49 | 23 | 3 | 0 | 1 | 0 | 0 | 27 |

**Driveway 1 (w/o Corporate Dr.)**

| PM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 16 | 3 | 1 | 2 | 0 | 0 | 22 | 78 | 2 | 1 | 1 | 0 | 0 | 82 |
| Day 2 | 20 | 5 | 0 | 2 | 0 | 0 | 27 | 20 | 5 | 0 | 2 | 0 | 0 | 27 |
| Average | 18 | 4 | 1 | 2 | 0 | 0 | 25 | 49 | 4 | 1 | 2 | 0 | 0 | 55 |
| Day 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 32 | 2 | 0 | 1 | 0 | 0 | 35 |
| Day 2 | 4 | 1 | 0 | 1 | 0 | 0 | 6 | 4 | 1 | 0 | 1 | 0 | 0 | 6 |
| Average | 2 | 1 | 0 | 1 | 0 | 0 | 4 | 18 | 2 | 0 | 1 | 0 | 0 | 21 |

PM — Generator 14:00-15:00 / Generator 12:00-13:00 / Adjacent Street 16:00 - 17:00 / Adjacent Street 16:45 - 17:45

**Driveway 2 (Western Ocean Ranch Blvd)**

| PM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 26 |
| Day 2 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 27 | 0 | 0 | 2 | 0 | 0 | 29 |
| Average | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 27 | 0 | 0 | 1 | 0 | 0 | 28 |
| Day 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Day 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| Average | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |

PM — Generator 14:00-15:00 / Generator 13:45-14:45 / Adjacent Street 16:00 - 17:00 / Adjacent Street 16:00 - 17:00

**Driveway 3 (Eastern Ocean Ranch Blvd)**

| PM Peak Hour | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 9 | 0 | 1 | 1 | 0 | 0 | 11 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| Day 2 | 9 | 1 | 0 | 2 | 0 | 0 | 12 | 5 | 0 | 0 | 1 | 0 | 0 | 6 |
| Average | 9 | 1 | 1 | 2 | 0 | 0 | 12 | 6 | 0 | 0 | 1 | 0 | 0 | 7 |
| Day 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| Day 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Average | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |

PM — Generator 13:30-14:30 / Generator 13:15-14:15 / Adjacent Street 16:00 - 17:00 / Adjacent Street 16:30 - 17:30

**Total (D1+D2+D3)**

| PM | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator Peak Hour Trips | 29 | 5 | 1 | 4 | 0 | 0 | 38 | 82 | 4 | 1 | 3 | 0 | 0 | 89 |
| Adj Street Peak Hour Trips | 3 | 1 | 0 | 1 | 0 | 0 | 5 | 23 | 2 | 0 | 1 | 0 | 0 | 26 |

| Generator Peak Hour | AM Peak Hour In | AM Peak Hour Out | AM Peak Hour Total | PM Peak Hour In | PM Peak Hour Out | PM Peak Hour Total |
|---|---|---|---|---|---|---|
| Cars | 106 | 45 | 151 | 33 | 85 | 118 |
| Heavy Vehicles | 0 | 2 | 2 | 5 | 4 | 8 |
| Combined | 106 | 46 | 152 | 38 | 89 | 126 |
| | 70% | 30% | | 30% | 70% | |

| Adj Street Peak Hour | AM Peak Hour In | AM Peak Hour Out | AM Peak Hour Total | PM Peak Hour In | PM Peak Hour Out | PM Peak Hour Total |
|---|---|---|---|---|---|---|
| Cars | 47 | 26 | 73 | 4 | 25 | 29 |
| Heavy Vehicles | 2 | 1 | 3 | 1 | 1 | 2 |
| Combined | 49 | 27 | 75 | 5 | 26 | 30 |
| | 65% | 35% | | 15% | 85% | |

| Daily | Driveway 1 (w/o Corporate Drive) | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 517 | 30 | 3 | 22 | 0 | 4 | 576 |
| Day 2 | 518 | 40 | 2 | 30 | 0 | 0 | 590 |
| Average | 518 | 35 | 3 | 26 | 0 | 2 | 583 |

| Daily | Driveway 2 (Western Ocean Ranch Blvd) | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 93 | 9 | 1 | 6 | 0 | 0 | 109 |
| Day 2 | 114 | 8 | 0 | 9 | 0 | 0 | 131 |
| Average | 104 | 9 | 1 | 8 | 0 | 0 | 120 |

| Daily | Driveway 3 (Eastern Ocean Ranch Boulevard) | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 74 | 8 | 5 | 9 | 0 | 0 | 96 |
| Day 2 | 90 | 3 | 2 | 8 | 0 | 0 | 103 |
| Average | 82 | 6 | 4 | 9 | 0 | 0 | 100 |

| Daily | D1+D2+D3 | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 684 | 47 | 9 | 37 | 0 | 4 | 781 |
| Day 2 | 722 | 51 | 4 | 47 | 0 | 0 | 824 |
| Average | 703 | 49 | 7 | 42 | 0 | 2 | 803 |

| Generator | Daily Trips | Trip Rate | AM Trips | Trip Rate | PM Trips | Trip Rate |
|---|---|---|---|---|---|---|
| Cars | 752 | 2.28 | 151 | 0.46 | 118 | 0.36 |
| Heavy Vehicles | 51 | 0.15 | 2 | 0.00 | 8 | 0.02 |
| Combined | 803 | 2.43 | 152 | 0.46 | 126 | 0.38 |

| Adj Street | Daily Trips | Trip Rate | AM Trips | Trip Rate | PM Trips | Trip Rate |
|---|---|---|---|---|---|---|
| Cars | 752 | 2.28 | 73 | 0.22 | 29 | 0.09 |
| Heavy Vehicles | 51 | 0.15 | 3 | 0.01 | 2 | 0.00 |
| Combined | 803 | 2.43 | 75 | 0.23 | 30 | 0.09 |

| | AM Peak Hour | | | PM Peak Hour | | | Peak Hour Generator | | |
|---|---|---|---|---|---|---|---|---|---|
| Daily Trips/TSF | In | Out | Total | In | Out | Total | In | Out | Total |
| 2.43 | 0.15 | 0.08 | 0.23 | 0.01 | 0.08 | 0.09 | 0.32 | 0.14 | 0.46 |

**Site Information**

| | |
|---|---|
| **Owner** | Vertiv Distribution Warehouse |
| **Address** | 2005 Harmony Grove Rd, Escondido, CA 92029 |
| **Use** | Warehousing Use |
| **Size** | 212,275 SF |

Driveway 1 (e/o Harmony Drive)

| AM Peak Hour | | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator 8:45-9:45 | Day 1 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Generator 7:00-8:00 | Day 2 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | Average | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Adjacent Street 8:45-9:45 | Day 1 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Adjacent Street 7:00-8:00 | Day 2 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | Average | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

Driveway 2 (s/o Harmony Drive)

| AM Peak Hour | | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator 9:15-10:15 | Day 1 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 5 |
| Generator 9:45-10:45 | Day 2 | 0 | 1 | 0 | 2 | 0 | 0 | 3 | 3 | 0 | 0 | 2 | 0 | 0 | 5 |
| | Average | 1 | 1 | 0 | 2 | 0 | 0 | 3 | 3 | 1 | 0 | 2 | 0 | 0 | 5 |
| Adjacent Street 8:30-9:30 | Day 1 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| Adjacent Street 8:30-9:30 | Day 2 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | Average | 1 | 0 | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 2 |

Total (D1+D2)

| AM | | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator Peak Hour Trips | | 4 | 1 | 0 | 2 | 0 | 0 | 6 | 4 | 1 | 0 | 2 | 0 | 0 | 6 |
| Adj Street Peak Hour Trips | | 4 | 0 | 0 | 2 | 0 | 0 | 6 | 2 | 0 | 0 | 2 | 0 | 0 | 3 |

| Generator Peak Hour | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|
| | In | Out | Total | In | Out | Total |
| Cars | 4 | 4 | 8 | 7 | 7 | 14 |
| Heavy Vehicles | 2 | 2 | 4 | 0 | 1 | 1 |
| Combined | 6 | 6 | 12 | 7 | 8 | 15 |
| | 50% | 50% | | 45% | 55% | |

| Daily | Driveway 1 (e/o Harmony Drive) | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 26 | 2 | 0 | 2 | 0 | 0 | 30 |
| Day 2 | 53 | 2 | 0 | 0 | 0 | 0 | 55 |
| Average | 40 | 2 | 0 | 1 | 0 | 0 | 43 |

| Daily | Driveway 2 (s/o Harmony Drive) | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 17 | 5 | 2 | 20 | 0 | 0 | 44 |
| Day 2 | 24 | 3 | 0 | 19 | 0 | 0 | 46 |
| Average | 21 | 4 | 1 | 20 | 0 | 0 | 45 |

| Daily | Total (D1+D2) | | | | | | |
|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Day 1 | 43 | 7 | 2 | 22 | 0 | 0 | 74 |
| Day 2 | 77 | 5 | 0 | 19 | 0 | 0 | 101 |
| Average | 60 | 6 | 1 | 21 | 0 | 0 | 88 |

| Generator | Daily Trips | Trip Rate | AM Trips | Trip Rate | PM Trips | Trip Rate |
|---|---|---|---|---|---|---|
| Cars | 66 | 0.31 | 8 | 0.04 | 14 | 0.06 |
| Heavy Vehicles | 22 | 0.10 | 4 | 0.02 | 1 | 0.00 |
| Combined | 88 | 0.41 | 12 | 0.06 | 15 | 0.07 |

| Adj Street | Daily Trips | Trip Rate | AM Trips | Trip Rate | PM Trips | Trip Rate |
|---|---|---|---|---|---|---|
| Cars | 66 | 0.31 | 5 | 0.02 | 5 | 0.02 |
| Heavy Vehicles | 22 | 0.10 | 4 | 0.02 | 0 | 0.00 |
| Combined | 88 | 0.41 | 9 | 0.04 | 5 | 0.02 |

| | AM Peak Hour | | | PM Peak Hour | | | Peak Hour Generator | | |
|---|---|---|---|---|---|---|---|---|---|
| Daily Trips/TSF | In | Out | Total | In | Out | Total | In | Out | Total |
| 0.41 | 0.03 | 0.01 | 0.04 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.07 |

Driveway 1 (e/o Harmony Drive)

| PM Peak Hour | | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| PM Generator 12:00-13:00 | Day 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| Generator 12:30-13:30 | Day 2 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| | Average | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| Adjacent Street 16:45 - 17:45 | Day 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Adjacent Street 16:00-17:00 | Day 2 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| | Average | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |

Driveway 2 (s/o Harmony Drive)

| PM Peak Hour | | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| PM Generator 12:00-13:00 | Day 1 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 5 |
| Generator 12:15-13:15 | Day 2 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 3 |
| | Average | 4 | 1 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 1 | 0 | 0 | 4 |
| Adjacent Street 16:45 - 17:45 | Day 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Adjacent Street 16:00-17:00 | Day 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | Average | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

Total (D1+D2)

| PM | | In | | | | | | | Out | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class | | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| Generator Peak Hour Trips | | 6 | 1 | 0 | 0 | 0 | 0 | 7 | 6 | 2 | 0 | 1 | 0 | 0 | 8 |
| Adj Street Peak Hour Trips | | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |

| Adj Street Peak Hour | AM Peak Hour | | | PM Peak Hour | | |
|---|---|---|---|---|---|---|
| | In | Out | Total | In | Out | Total |
| Cars | 4 | 2 | 5 | 3 | 3 | 5 |
| Heavy Vehicles | 2 | 2 | 4 | 0 | 0 | 0 |
| Combined | 6 | 3 | 9 | 3 | 3 | 5 |
| | 65% | 35% | | 50% | 50% | |

**Site 1** **Vision Systems11322 N. Woodside Ave, Santee, CA 92071**
**Use** Manufacturing/Warehouse
**Size** 140,000 SF

| | AM Peak Hour (Adj Street) | | | PM Peak Hour (Adj Street) | | | Peak Hour of the Generator | | |
|---|---|---|---|---|---|---|---|---|---|
| **Daily Trips/TSF** | **In** | **Out** | **Total** | **In** | **Out** | **Total** | **In** | **Out** | **Total** |
| 3.15 | 0.09 | 0.09 | 0.18 | 0.00 | 0.08 | 0.08 | 0.10 | 0.45 | 0.55 |

**Site 2** **MagnaFlow1901 Corporate Center Drive, Oceanside, CA 92056**
**Use** R&D/Manufacturing/Warehouse
**Size** 330,000 SF

| | AM Peak Hour (Adj Street) | | | PM Peak Hour (Adj Street) | | | Peak Hour of the Generator | | |
|---|---|---|---|---|---|---|---|---|---|
| **Daily Trips/TSF** | **In** | **Out** | **Total** | **In** | **Out** | **Total** | **In** | **Out** | **Total** |
| 2.43 | 0.15 | 0.08 | 0.23 | 0.01 | 0.08 | 0.09 | 0.32 | 0.14 | 0.46 |

**Site 3** **Vertiv Distribution Warehouse2005 Harmony Grove Rd, Escondido, CA 92029**
**Use** Warehousing Use
**Size** 212,275 SF

| | AM Peak Hour (Adj Street) | | | PM Peak Hour (Adj Street) | | | Peak Hour of the Generator | | |
|---|---|---|---|---|---|---|---|---|---|
| **Daily Trips/TSF** | **In** | **Out** | **Total** | **In** | **Out** | **Total** | **In** | **Out** | **Total** |
| 0.41 | 0.03 | 0.01 | 0.04 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.07 |

| | |
|---|---|
| **CLASS 1** | PASSENGER VEHICLES |
| **CLASS 2** | 2-AXLE TRUCKS |
| **CLASS 3** | 3-AXLE TRUCKS |
| **CLASS 4** | 4 OR MORE AXLE TRUCKS |
| **CLASS 5** | RV |
| **CLASS 6** | Buses |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS1 DWY north of Woodside.TU.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 0 | 1 | 0 | 0 | 0 | 3 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 0:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:45 | 1 | 1 | 0 | 1 | 0 | 0 | 3 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 2 | 0 | 0 | 0 | 0 | 3 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 14:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 2:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 14:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 4 | 1 | 0 | 0 | 0 | 0 | 5 |
| 3:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 15 | 0 | 0 | 0 | 0 | 0 | 15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 41 | 1 | 0 | 0 | 0 | 0 | 42 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 5 | 1 | 0 | 0 | 0 | 0 | 6 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 19:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:45 | 2 | 1 | 0 | 1 | 0 | 0 | 4 | 19:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 | 4 | 0 | 1 | 0 | 0 | 0 | 5 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 5 | 0 | 0 | 2 | 0 | 0 | 7 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 4 | 1 | 0 | 1 | 0 | 0 | 6 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 21:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 22:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:15 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 149 | 11 | 3 | 6 | 0 | 0 | 169 | TOTAL | 36 | 7 | 1 | 1 | 0 | 0 | 45 |

| | |
|---|---|
| AM PEAK HOUR | 4:15 AM |
| AM PEAK VOLUME | 71 |

| | |
|---|---|
| AM PEAK HOUR | 2:30 PM |
| AM PEAK VOLUME | 16 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 185 | 18 | 4 | 7 | 0 | 0 | 214 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 86.4% | 8.4% | 1.9% | 3.3% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 364 | 37 | 8 | 14 | 0 | 0 | 423 |
| CLASS 6 | Buses | % OF TOTAL | 86.1% | 8.7% | 1.9% | 3.3% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS1 DWY north of Woodside.TU.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:00 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 4 | 3 | 0 | 0 | 0 | 0 | 7 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 18 | 0 | 0 | 0 | 0 | 0 | 18 |
| 1:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 13:45 | 5 | 1 | 0 | 0 | 0 | 0 | 6 |
| 2:00 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 14:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 39 | 1 | 0 | 0 | 0 | 0 | 40 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 17:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 5:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 19:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 19:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:45 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 19:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 8:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 5 | 0 | 1 | 0 | 0 | 0 | 6 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 2 | 0 | 1 | 1 | 0 | 0 | 4 | 22:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 6 | 1 | 0 | 1 | 0 | 0 | 8 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 23:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTAL | 61 | 12 | 3 | 5 | 0 | 0 | 81 | TOTAL | 118 | 7 | 1 | 2 | 0 | 0 | 128 |

| | |
|---|---|
| AM PEAK HOUR | 9:15 AM |
| AM PEAK VOLUME | 18 |

| | |
|---|---|
| AM PEAK HOUR | 3:15 PM |
| AM PEAK VOLUME | 61 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 179 | 19 | 4 | 7 | 0 | 0 | 209 |
| % OF TOTAL | 85.6% | 9.1% | 1.9% | 3.3% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS1 DWY north of Woodside.TU.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:00 | 3 | 0 | 2 | 0 | 0 | 0 | 5 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| 0:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:45 | 1 | 3 | 0 | 1 | 0 | 0 | 5 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 2 | 0 | 1 | 0 | 0 | 4 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 5 | 4 | 0 | 0 | 0 | 0 | 9 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 20 | 0 | 0 | 0 | 0 | 0 | 20 |
| 1:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 13:45 | 5 | 1 | 0 | 0 | 0 | 0 | 6 |
| 2:00 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 14:00 | 2 | 0 | 0 | 1 | 0 | 0 | 3 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 2:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 14:30 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 8 | 1 | 0 | 0 | 0 | 0 | 9 |
| 3:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 3:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:15 | 17 | 0 | 0 | 0 | 0 | 0 | 17 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 41 | 1 | 0 | 0 | 0 | 0 | 42 |
| 3:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 15:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 16:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 4:30 | 15 | 0 | 0 | 0 | 0 | 0 | 15 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 45 | 1 | 0 | 0 | 0 | 0 | 46 | 16:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 17:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 5:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 5 | 0 | 0 | 1 | 0 | 0 | 6 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 4 | 2 | 0 | 0 | 0 | 0 | 6 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 5 | 2 | 0 | 0 | 0 | 0 | 7 | 19:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:30 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 19:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 7:45 | 3 | 2 | 0 | 1 | 0 | 0 | 6 | 19:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 8:00 | 5 | 1 | 1 | 0 | 0 | 0 | 7 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 20:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 3 | 0 | 1 | 1 | 0 | 0 | 5 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 10 | 0 | 1 | 2 | 0 | 0 | 13 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 9 | 1 | 0 | 1 | 0 | 0 | 11 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 11 | 1 | 0 | 0 | 0 | 0 | 12 | 21:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:00 | 4 | 1 | 0 | 1 | 0 | 0 | 6 | 22:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:15 | 5 | 0 | 2 | 1 | 0 | 0 | 8 | 22:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 1 | 2 | 0 | 1 | 0 | 0 | 4 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 7 | 1 | 0 | 0 | 0 | 0 | 8 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 9 | 1 | 0 | 1 | 0 | 0 | 11 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 23:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTAL | 210 | 23 | 6 | 11 | 0 | 0 | 250 | TOTAL | 154 | 14 | 2 | 3 | 0 | 0 | 173 |

| | |
|---|---|
| AM PEAK HOUR | 4:15 AM |
| AM PEAK VOLUME | 75 |

| | |
|---|---|
| AM PEAK HOUR | 2:45 PM |
| AM PEAK VOLUME | 72 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 364 | 37 | 8 | 14 | 0 | 0 | 423 |
| % OF TOTAL | 86.1% | 8.7% | 1.9% | 3.3% | 0.0% | 0.0% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS1 DWY north of Woodside.WE.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:00 | 3 | 0 | 1 | 0 | 0 | 0 | 4 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 2 | 1 | 0 | 1 | 0 | 0 | 4 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:45 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 13:45 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 14:45 | 5 | 1 | 0 | 0 | 0 | 0 | 6 |
| 3:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 15:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 41 | 0 | 0 | 0 | 0 | 0 | 41 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 11 | 0 | 0 | 0 | 0 | 0 | 11 | 17:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 17:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 3 | 1 | 0 | 1 | 0 | 0 | 5 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 3 | 2 | 0 | 0 | 0 | 0 | 5 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 19:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 7:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 19:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:45 | 3 | 0 | 0 | 2 | 0 | 0 | 5 | 19:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 3 | 1 | 0 | 1 | 0 | 0 | 5 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 22:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 3 | 1 | 0 | 1 | 0 | 0 | 5 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 4 | 0 | 0 | 3 | 0 | 0 | 7 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 156 | 8 | 1 | 12 | 0 | 0 | 177 | TOTAL | 44 | 3 | 2 | 4 | 0 | 0 | 53 |

| | |
|---|---|
| AM PEAK HOUR | 4:15 AM |
| AM PEAK VOLUME | 73 |

| | |
|---|---|
| AM PEAK HOUR | 2:30 PM |
| AM PEAK VOLUME | 21 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 200 | 11 | 3 | 16 | 0 | 0 | 230 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 87.0% | 4.8% | 1.3% | 7.0% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 398 | 24 | 6 | 32 | 0 | 0 | 460 |
| CLASS 6 | Buses | % OF TOTAL | 86.5% | 5.2% | 1.3% | 7.0% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS1 DWY north of Woodside.WE.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 2 | 1 | 0 | 2 | 0 | 0 | 5 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 3 | 0 | 1 | 0 | 0 | 0 | 4 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 25 | 1 | 0 | 1 | 0 | 0 | 27 |
| 1:45 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 13:45 | 5 | 0 | 0 | 1 | 0 | 0 | 6 |
| 2:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 14:00 | 1 | 1 | 1 | 0 | 0 | 0 | 3 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 47 | 1 | 0 | 0 | 0 | 0 | 48 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 4:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 17:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:45 | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 18:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:30 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 18:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 19:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 2 | 1 | 0 | 1 | 0 | 0 | 4 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 4 | 0 | 0 | 2 | 0 | 0 | 6 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 5 | 0 | 0 | 2 | 0 | 0 | 7 | 23:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTAL | 61 | 9 | 1 | 11 | 0 | 0 | 82 | TOTAL | 137 | 4 | 2 | 5 | 0 | 0 | 148 |

| | |
|---|---|
| AM PEAK HOUR | 11:00 AM |
| AM PEAK VOLUME | 18 |

| | |
|---|---|
| AM PEAK HOUR | 3:00 PM |
| AM PEAK VOLUME | 70 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 198 | 13 | 3 | 16 | 0 | 0 | 230 |
| % OF TOTAL | 86.1% | 5.7% | 1.3% | 7.0% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS1 DWY north of Woodside.WE.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 4 | 1 | 0 | 2 | 0 | 0 | 7 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 2 | 0 | 0 | 2 | 0 | 0 | 4 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:00 | 4 | 0 | 1 | 1 | 0 | 0 | 6 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 5 | 1 | 1 | 1 | 0 | 0 | 8 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 27 | 1 | 0 | 1 | 0 | 0 | 29 |
| 1:45 | 7 | 0 | 0 | 1 | 0 | 0 | 8 | 13:45 | 5 | 0 | 1 | 1 | 0 | 0 | 7 |
| 2:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 14:00 | 3 | 2 | 1 | 0 | 0 | 0 | 6 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 2:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 14:45 | 6 | 1 | 0 | 0 | 0 | 0 | 7 |
| 3:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 15:00 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 15 | 0 | 0 | 0 | 0 | 0 | 15 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 47 | 1 | 0 | 0 | 0 | 0 | 48 |
| 3:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 15:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 4:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 16:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 16:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:30 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 16:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4:45 | 45 | 0 | 0 | 0 | 0 | 0 | 45 | 16:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:00 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 17:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 17:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:30 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 17:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 5:45 | 5 | 2 | 0 | 0 | 0 | 0 | 7 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 4 | 2 | 0 | 1 | 0 | 0 | 7 | 18:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:30 | 4 | 1 | 0 | 1 | 0 | 0 | 6 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 5 | 2 | 0 | 1 | 0 | 0 | 8 | 18:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 19:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:30 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 19:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 7:45 | 3 | 0 | 0 | 2 | 0 | 0 | 5 | 19:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 8:00 | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 2 | 0 | 0 | 2 | 0 | 0 | 4 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 1 | 0 | 1 | 1 | 0 | 0 | 3 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 5 | 2 | 0 | 2 | 0 | 0 | 9 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 6 | 1 | 0 | 0 | 0 | 0 | 7 | 22:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:15 | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 3 | 2 | 0 | 1 | 0 | 0 | 6 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 5 | 1 | 0 | 2 | 0 | 0 | 8 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 7 | 1 | 0 | 3 | 0 | 0 | 11 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 13 | 0 | 0 | 2 | 0 | 0 | 15 | 23:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTAL | 217 | 17 | 2 | 23 | 0 | 0 | 259 | TOTAL | 181 | 7 | 4 | 9 | 0 | 0 | 201 |

| | |
|---|---|
| AM PEAK HOUR | 4:15 AM |
| AM PEAK VOLUME | 78 |

| | |
|---|---|
| AM PEAK HOUR | 3:00 PM |
| AM PEAK VOLUME | 82 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 398 | 24 | 6 | 32 | 0 | 0 | 460 |
| % OF TOTAL | 86.5% | 5.2% | 1.3% | 7.0% | 0.0% | 0.0% | 100.0% |

Tuesday, June 13, 2023 | CITY: San Diego | PROJECT: SC4085

**Rev_PB_1 DWY north of Woodside.**

**Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | | | BIKES | | | | | | PEDS | | | | BIKES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | | OUT | | IN | | OUT | | | PM Period | IN | | OUT | | IN | | OUT | | |
| 0:00 | 0 | | 0 | | 0 | | 0 | | | 12:00 | 0 | | 0 | | 0 | | 0 | | |
| 0:15 | 0 | | 0 | | 0 | | 0 | | | 12:15 | 0 | | 0 | | 0 | | 0 | | |
| 0:30 | 0 | | 0 | | 0 | | 0 | | | 12:30 | 0 | | 0 | | 0 | | 0 | | |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1:00 | 0 | | 0 | | 0 | | 0 | | | 13:00 | 0 | | 0 | | 0 | | 0 | | |
| 1:15 | 0 | | 0 | | 0 | | 0 | | | 13:15 | 0 | | 0 | | 0 | | 0 | | |
| 1:30 | 0 | | 0 | | 0 | | 0 | | | 13:30 | 0 | | 0 | | 0 | | 0 | | |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2:00 | 0 | | 0 | | 0 | | 0 | | | 14:00 | 0 | | 0 | | 0 | | 0 | | |
| 2:15 | 0 | | 0 | | 0 | | 0 | | | 14:15 | 0 | | 0 | | 0 | | 0 | | |
| 2:30 | 0 | | 0 | | 0 | | 0 | | | 14:30 | 0 | | 0 | | 0 | | 0 | | |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3:00 | 0 | | 0 | | 0 | | 0 | | | 15:00 | 0 | | 0 | | 0 | | 0 | | |
| 3:15 | 0 | | 0 | | 0 | | 0 | | | 15:15 | 0 | | 0 | | 1 | | 1 | | |
| 3:30 | 0 | | 0 | | 0 | | 0 | | | 15:30 | 0 | | 0 | | 0 | | 0 | | |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 15:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 4:00 | 0 | | 0 | | 0 | | 0 | | | 16:00 | 0 | | 0 | | 0 | | 0 | | |
| 4:15 | 0 | | 0 | | 0 | | 0 | | | 16:15 | 0 | | 0 | | 0 | | 0 | | |
| 4:30 | 0 | | 0 | | 1 | | 0 | | | 16:30 | 0 | | 0 | | 0 | | 0 | | |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5:00 | 0 | | 0 | | 0 | | 0 | | | 17:00 | 0 | | 0 | | 0 | | 0 | | |
| 5:15 | 0 | | 0 | | 0 | | 0 | | | 17:15 | 0 | | 0 | | 0 | | 0 | | |
| 5:30 | 0 | | 0 | | 0 | | 0 | | | 17:30 | 0 | | 0 | | 0 | | 0 | | |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6:00 | 0 | | 0 | | 0 | | 0 | | | 18:00 | 0 | | 0 | | 0 | | 0 | | |
| 6:15 | 0 | | 0 | | 0 | | 0 | | | 18:15 | 0 | | 0 | | 0 | | 0 | | |
| 6:30 | 0 | | 0 | | 0 | | 0 | | | 18:30 | 0 | | 0 | | 0 | | 0 | | |
| 6:45 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7:00 | 0 | | 0 | | 0 | | 0 | | | 19:00 | 0 | | 0 | | 0 | | 0 | | |
| 7:15 | 0 | | 0 | | 0 | | 0 | | | 19:15 | 0 | | 0 | | 0 | | 0 | | |
| 7:30 | 0 | | 0 | | 0 | | 0 | | | 19:30 | 0 | | 0 | | 0 | | 0 | | |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 8:00 | 0 | | 0 | | 0 | | 0 | | | 20:00 | 0 | | 0 | | 0 | | 0 | | |
| 8:15 | 0 | | 0 | | 0 | | 0 | | | 20:15 | 0 | | 0 | | 0 | | 0 | | |
| 8:30 | 0 | | 0 | | 0 | | 0 | | | 20:30 | 0 | | 0 | | 0 | | 0 | | |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9:00 | 0 | | 0 | | 0 | | 0 | | | 21:00 | 0 | | 0 | | 0 | | 0 | | |
| 9:15 | 0 | | 0 | | 0 | | 0 | | | 21:15 | 0 | | 0 | | 0 | | 0 | | |
| 9:30 | 0 | | 0 | | 0 | | 0 | | | 21:30 | 0 | | 0 | | 0 | | 0 | | |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:00 | 0 | | 0 | | 0 | | 0 | | | 22:00 | 0 | | 0 | | 0 | | 0 | | |
| 10:15 | 0 | | 0 | | 0 | | 0 | | | 22:15 | 0 | | 0 | | 0 | | 0 | | |
| 10:30 | 0 | | 2 | | 0 | | 0 | | | 22:30 | 0 | | 0 | | 0 | | 0 | | |
| 10:45 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 4 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:00 | 0 | | 0 | | 0 | | 0 | | | 23:00 | 0 | | 0 | | 0 | | 0 | | |
| 11:15 | 0 | | 0 | | 0 | | 0 | | | 23:15 | 0 | | 0 | | 0 | | 0 | | |
| 11:30 | 0 | | 0 | | 0 | | 0 | | | 23:30 | 0 | | 0 | | 0 | | 0 | | |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Vol. | 2 | | 2 | | 2 | | 2 | | 8 | | 0 | | 0 | | 1 | | 2 | | 3 |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 2 | 2 | 3 | 4 | 11 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 25.0% | 25.0% | 25.0% | 25.0% | 72.7% | 0.0% | 0.0% | 33.3% | 66.7% | 27.3% |
| Peak Hour | 10:00 | 9:45 | 3:45 | 1:00 | 10:00 | | | 14:30 | 14:30 | 14:30 |
| Volume | 2 | 2 | 1 | 1 | 4 | | | 1 | 1 | 2 |
| P.H.F. | 0.25 | 0.25 | 0.25 | 0.25 | 0.50 | | | 0.25 | 0.25 | 0.25 |

cs@aimtd.com Tell. 714 253 7888

Wednesday, June 14, 2023 CITY: San Diego PROJECT: SC4085

**Rev_PB_1 DWY north of Woodside.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | | | BIKES | | | | | | PEDS | | | | BIKES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | | OUT | | IN | | OUT | | | PM Period | IN | | OUT | | IN | | OUT | | |
| 0:00 | 0 | | 0 | | 0 | | 0 | | | 12:00 | 0 | | 0 | | 0 | | 0 | | |
| 0:15 | 0 | | 0 | | 0 | | 0 | | | 12:15 | 0 | | 0 | | 0 | | 0 | | |
| 0:30 | 0 | | 0 | | 0 | | 0 | | | 12:30 | 0 | | 0 | | 0 | | 0 | | |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1:00 | 0 | | 0 | | 0 | | 0 | | | 13:00 | 0 | | 1 | | 0 | | 0 | | |
| 1:15 | 0 | | 0 | | 0 | | 0 | | | 13:15 | 0 | | 0 | | 0 | | 0 | | |
| 1:30 | 0 | | 0 | | 0 | | 0 | | | 13:30 | 0 | | 0 | | 0 | | 0 | | |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 13:45 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | | 0 | | 0 | | 0 | | | 14:00 | 0 | | 0 | | 0 | | 0 | | |
| 2:15 | 0 | | 0 | | 0 | | 0 | | | 14:15 | 0 | | 0 | | 0 | | 0 | | |
| 2:30 | 0 | | 0 | | 0 | | 0 | | | 14:30 | 0 | | 0 | | 0 | | 0 | | |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3:00 | 0 | | 0 | | 0 | | 0 | | | 15:00 | 0 | | 0 | | 0 | | 0 | | |
| 3:15 | 0 | | 0 | | 0 | | 0 | | | 15:15 | 0 | | 0 | | 0 | | 1 | | |
| 3:30 | 0 | | 0 | | 0 | | 0 | | | 15:30 | 0 | | 0 | | 1 | | 0 | | |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 15:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
| 4:00 | 0 | | 0 | | 0 | | 0 | | | 16:00 | 0 | | 0 | | 0 | | 0 | | |
| 4:15 | 0 | | 0 | | 0 | | 0 | | | 16:15 | 0 | | 0 | | 0 | | 0 | | |
| 4:30 | 0 | | 0 | | 0 | | 0 | | | 16:30 | 0 | | 0 | | 0 | | 0 | | |
| 4:45 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5:00 | 0 | | 0 | | 0 | | 0 | | | 17:00 | 0 | | 0 | | 0 | | 0 | | |
| 5:15 | 0 | | 0 | | 0 | | 0 | | | 17:15 | 0 | | 0 | | 0 | | 0 | | |
| 5:30 | 0 | | 0 | | 0 | | 0 | | | 17:30 | 0 | | 0 | | 0 | | 0 | | |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6:00 | 0 | | 0 | | 0 | | 0 | | | 18:00 | 0 | | 0 | | 0 | | 0 | | |
| 6:15 | 0 | | 0 | | 0 | | 0 | | | 18:15 | 0 | | 0 | | 0 | | 0 | | |
| 6:30 | 0 | | 0 | | 0 | | 0 | | | 18:30 | 0 | | 0 | | 0 | | 0 | | |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7:00 | 0 | | 0 | | 0 | | 0 | | | 19:00 | 0 | | 0 | | 0 | | 0 | | |
| 7:15 | 0 | | 0 | | 0 | | 0 | | | 19:15 | 0 | | 0 | | 0 | | 0 | | |
| 7:30 | 0 | | 0 | | 0 | | 0 | | | 19:30 | 0 | | 0 | | 0 | | 0 | | |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 8:00 | 1 | | 0 | | 0 | | 0 | | | 20:00 | 0 | | 0 | | 0 | | 0 | | |
| 8:15 | 0 | | 0 | | 0 | | 0 | | | 20:15 | 0 | | 0 | | 0 | | 0 | | |
| 8:30 | 0 | | 0 | | 0 | | 0 | | | 20:30 | 0 | | 0 | | 0 | | 0 | | |
| 8:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9:00 | 0 | | 0 | | 0 | | 0 | | | 21:00 | 0 | | 0 | | 0 | | 0 | | |
| 9:15 | 0 | | 0 | | 0 | | 0 | | | 21:15 | 0 | | 0 | | 0 | | 0 | | |
| 9:30 | 0 | | 0 | | 0 | | 0 | | | 21:30 | 0 | | 0 | | 0 | | 0 | | |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:00 | 0 | | 0 | | 0 | | 0 | | | 22:00 | 0 | | 0 | | 0 | | 0 | | |
| 10:15 | 0 | | 0 | | 0 | | 0 | | | 22:15 | 0 | | 0 | | 0 | | 0 | | |
| 10:30 | 0 | | 2 | | 0 | | 0 | | | 22:30 | 0 | | 0 | | 0 | | 0 | | |
| 10:45 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 4 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:00 | 0 | | 0 | | 0 | | 0 | | | 23:00 | 0 | | 0 | | 0 | | 0 | | |
| 11:15 | 0 | | 0 | | 0 | | 0 | | | 23:15 | 0 | | 0 | | 0 | | 0 | | |
| 11:30 | 0 | | 0 | 0 | 0 | | 0 | | | 23:30 | 0 | | 0 | | 0 | | 0 | | |
| 11:45 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Vol. | | 3 | | 3 | | 1 | | 0 | 7 | | | 0 | | 1 | | 1 | | 2 | 4 |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 3 | 4 | 2 | 2 | 11 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 42.9% | 42.9% | 14.3% | 0.0% | 63.6% | 0.0% | 25.0% | 25.0% | 50.0% | 36.4% |
| Peak Hour | 10:00 | 9:45 | 4:00 | | 10:00 | | 12:15 | 14:45 | 14:30 | 14:45 |
| Volume | 2 | 2 | 1 | | 4 | | 1 | 1 | 1 | 2 |
| P.H.F. | 0.25 | 0.25 | 0.25 | | 0.50 | | 0.25 | 0.25 | 0.25 | 0.50 |

cs@aimtd.com Tell. 714 253 7888

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS21 DWY west of Corporate Center.TU.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 5 | 1 | 0 | 0 | 0 | 0 | 6 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 6 | 1 | 0 | 1 | 0 | 0 | 8 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 6 | 1 | 0 | 1 | 0 | 0 | 8 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 2 | 0 | 0 | 1 | 0 | 0 | 3 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 3 | 0 | 1 | 0 | 0 | 0 | 4 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 13 | 1 | 0 | 1 | 0 | 0 | 15 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 3:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 25 | 2 | 0 | 0 | 0 | 0 | 27 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 17:30 | 1 | 0 | 0 | 2 | 0 | 0 | 3 |
| 5:45 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 18:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 10:00 | 5 | 0 | 0 | 1 | 0 | 1 | 7 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 2 | 2 | 0 | 0 | 0 | 1 | 5 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 208 | 7 | 0 | 3 | 0 | 2 | 220 | TOTAL | 56 | 9 | 1 | 9 | 0 | 0 | 75 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 AM |
| AM PEAK VOLUME | 75 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 26 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 264 | 16 | 1 | 12 | 0 | 2 | 295 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 89.5% | 5.4% | 0.3% | 4.1% | 0.0% | 0.7% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 517 | 30 | 3 | 22 | 0 | 4 | 576 |
| CLASS 6 | Buses | % OF TOTAL | 89.8% | 5.2% | 0.5% | 3.8% | 0.0% | 0.7% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS21 DWY west of Corporate Center.TU.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 7 | 3 | 0 | 0 | 0 | 0 | 10 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 5 | 2 | 0 | 0 | 0 | 0 | 7 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 1 | 1 | 0 | 1 | 0 | 0 | 3 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 36 | 0 | 0 | 0 | 0 | 0 | 36 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 16 | 1 | 1 | 0 | 0 | 0 | 18 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 19 | 0 | 0 | 1 | 0 | 0 | 20 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 6 | 0 | 0 | 2 | 0 | 0 | 8 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 11 | 0 | 0 | 1 | 0 | 0 | 12 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 4 | 2 | 0 | 0 | 0 | 0 | 6 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 5:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 2 | 0 | 0 | 1 | 0 | 0 | 3 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 4 | 0 | 0 | 1 | 0 | 0 | 5 |
| 6:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 18:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 | 5 | 0 | 0 | 1 | 0 | 0 | 6 | 23:00 | 16 | 0 | 0 | 0 | 0 | 0 | 16 |
| 11:15 | 2 | 2 | 1 | 0 | 0 | 0 | 5 | 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:30 | 5 | 1 | 0 | 0 | 0 | 1 | 7 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 40 | 4 | 1 | 3 | 0 | 2 | 50 | TOTAL | 213 | 10 | 1 | 7 | 0 | 0 | 231 |

| | |
|---|---|
| AM PEAK HOUR | 11:00 AM |
| AM PEAK VOLUME | 23 |

| | |
|---|---|
| AM PEAK HOUR | 2:00 PM |
| AM PEAK VOLUME | 82 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 253 | 14 | 2 | 10 | 0 | 2 | 281 |
| % OF TOTAL | 90.0% | 5.0% | 0.7% | 3.6% | 0.0% | 0.7% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS21 DWY west of Corporate Center.TU.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 12 | 4 | 0 | 0 | 0 | 0 | 16 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 11 | 3 | 0 | 1 | 0 | 0 | 15 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 9 | 1 | 0 | 0 | 0 | 0 | 10 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 6 | 1 | 0 | 1 | 0 | 0 | 8 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 3 | 1 | 0 | 2 | 0 | 0 | 6 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 4 | 1 | 0 | 0 | 0 | 0 | 5 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 39 | 0 | 1 | 0 | 0 | 0 | 40 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 29 | 2 | 1 | 1 | 0 | 0 | 33 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 19 | 2 | 0 | 1 | 0 | 0 | 22 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 7 | 1 | 0 | 1 | 0 | 0 | 9 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 6 | 0 | 0 | 2 | 0 | 0 | 8 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 7 | 0 | 0 | 1 | 0 | 0 | 8 |
| 3:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 15:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 3:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 4:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:00 | 11 | 1 | 0 | 1 | 0 | 0 | 13 |
| 4:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 4:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 16:30 | 4 | 2 | 0 | 0 | 0 | 0 | 6 |
| 4:45 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 16:45 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| 5:00 | 25 | 2 | 0 | 0 | 0 | 0 | 27 | 17:00 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 5:15 | 23 | 0 | 0 | 0 | 0 | 0 | 23 | 17:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5:30 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 17:30 | 5 | 0 | 0 | 2 | 0 | 0 | 7 |
| 5:45 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 17:45 | 2 | 0 | 0 | 1 | 0 | 0 | 3 |
| 6:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:00 | 4 | 0 | 0 | 1 | 0 | 0 | 5 |
| 6:15 | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 18:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 18:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 6:45 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 18:45 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 7:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 14 | 0 | 0 | 0 | 0 | 0 | 14 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 4 | 0 | 0 | 1 | 0 | 0 | 5 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 21:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 10:00 | 7 | 0 | 0 | 1 | 0 | 1 | 9 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 2 | 0 | 1 | 4 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 | 7 | 1 | 0 | 1 | 0 | 0 | 9 | 23:00 | 16 | 0 | 0 | 0 | 0 | 0 | 16 |
| 11:15 | 4 | 4 | 1 | 0 | 0 | 1 | 10 | 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:30 | 11 | 1 | 0 | 0 | 0 | 1 | 13 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 6 | 1 | 0 | 0 | 0 | 0 | 7 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 248 | 11 | 1 | 6 | 0 | 4 | 270 | TOTAL | 269 | 19 | 2 | 16 | 0 | 0 | 306 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 AM |
| AM PEAK VOLUME | 76 |

| | |
|---|---|
| AM PEAK HOUR | 2:00 PM |
| AM PEAK VOLUME | 104 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 517 | 30 | 3 | 22 | 0 | 4 | 576 |
| % OF TOTAL | 89.8% | 5.2% | 0.5% | 3.8% | 0.0% | 0.7% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS21 DWY west of Corporate Center.WE.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 3 | 2 | 0 | 1 | 0 | 0 | 6 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 5 | 2 | 0 | 0 | 0 | 0 | 7 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 5 | 0 | 0 | 1 | 0 | 0 | 6 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 12 | 1 | 0 | 2 | 0 | 0 | 15 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 3:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 4:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 16:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 16:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:45 | 16 | 0 | 0 | 0 | 0 | 0 | 16 | 16:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 17:00 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 5:15 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 17:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 5:45 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 17:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 | 5 | 0 | 1 | 2 | 0 | 0 | 8 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 18:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 18:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 12 | 1 | 0 | 1 | 0 | 0 | 14 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 10:00 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 2 | 2 | 0 | 0 | 0 | 0 | 4 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 5 | 1 | 0 | 0 | 0 | 0 | 6 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 194 | 7 | 1 | 7 | 0 | 0 | 209 | TOTAL | 65 | 13 | 0 | 8 | 0 | 0 | 86 |

| | |
|---|---|
| AM PEAK HOUR | 4:45 AM |
| AM PEAK VOLUME | 75 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 27 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 259 | 20 | 1 | 15 | 0 | 0 | 295 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 87.8% | 6.8% | 0.3% | 5.1% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 518 | 40 | 2 | 30 | 0 | 0 | 590 |
| CLASS 6 | Buses | % OF TOTAL | 87.8% | 6.8% | 0.3% | 5.1% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS21 DWY west of Corporate Center.WE.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 3 | 2 | 0 | 1 | 0 | 0 | 6 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 5 | 2 | 0 | 0 | 0 | 0 | 7 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 5 | 0 | 0 | 1 | 0 | 0 | 6 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 12 | 1 | 0 | 2 | 0 | 0 | 15 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 3:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 4:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 16:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 16:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:45 | 16 | 0 | 0 | 0 | 0 | 0 | 16 | 16:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 17:00 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 5:15 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 17:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 5:45 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 17:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 | 5 | 0 | 1 | 2 | 0 | 0 | 8 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 18:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 18:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 12 | 1 | 0 | 1 | 0 | 0 | 14 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 10:00 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 2 | 2 | 0 | 0 | 0 | 0 | 4 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 5 | 1 | 0 | 0 | 0 | 0 | 6 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 194 | 7 | 1 | 7 | 0 | 0 | 209 | TOTAL | 65 | 13 | 0 | 8 | 0 | 0 | 86 |

| | |
|---|---|
| AM PEAK HOUR | 4:45 AM |
| AM PEAK VOLUME | 75 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 27 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 259 | 20 | 1 | 15 | 0 | 0 | 295 |
| % OF TOTAL | 87.8% | 6.8% | 0.3% | 5.1% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS21 DWY west of Corporate Center.WE.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 6 | 4 | 0 | 2 | 0 | 0 | 12 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 14 | 2 | 0 | 0 | 0 | 0 | 16 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 10 | 4 | 0 | 0 | 0 | 0 | 14 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 10 | 0 | 0 | 2 | 0 | 0 | 12 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 14 | 2 | 0 | 0 | 0 | 0 | 16 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 6 | 2 | 0 | 0 | 0 | 0 | 8 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 24 | 2 | 0 | 4 | 0 | 0 | 30 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 2 | 0 | 0 | 0 | 0 | 4 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 2 | 2 | 0 | 0 | 0 | 0 | 4 |
| 3:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 15:30 | 2 | 0 | 0 | 2 | 0 | 0 | 4 |
| 3:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 15:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 4:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 16:00 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| 4:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 16:15 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 4:30 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 16:30 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 4:45 | 32 | 0 | 0 | 0 | 0 | 0 | 32 | 16:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:00 | 50 | 0 | 0 | 0 | 0 | 0 | 50 | 17:00 | 4 | 2 | 0 | 0 | 0 | 0 | 6 |
| 5:15 | 44 | 0 | 0 | 0 | 0 | 0 | 44 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 24 | 0 | 0 | 0 | 0 | 0 | 24 | 17:30 | 2 | 0 | 0 | 2 | 0 | 0 | 4 |
| 5:45 | 20 | 0 | 0 | 0 | 0 | 0 | 20 | 17:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:00 | 10 | 0 | 2 | 4 | 0 | 0 | 16 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 2 | 0 | 0 | 2 | 0 | 0 | 4 | 18:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:45 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 18:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 7:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 14 | 0 | 0 | 0 | 0 | 0 | 14 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 24 | 0 | 0 | 0 | 0 | 0 | 24 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 24 | 2 | 0 | 2 | 0 | 0 | 28 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 4 | 0 | 0 | 2 | 0 | 0 | 6 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| 10:00 | 0 | 2 | 0 | 2 | 0 | 0 | 4 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 6 | 2 | 0 | 0 | 0 | 0 | 8 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 4 | 4 | 0 | 0 | 0 | 0 | 8 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 6 | 2 | 0 | 0 | 0 | 0 | 8 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 4 | 0 | 0 | 2 | 0 | 0 | 6 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 10 | 2 | 0 | 0 | 0 | 0 | 12 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 388 | 14 | 2 | 14 | 0 | 0 | 418 | TOTAL | 130 | 26 | 0 | 16 | 0 | 0 | 172 |

| | |
|---|---|
| AM PEAK HOUR | 4:45 AM |
| AM PEAK VOLUME | 150 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 54 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 518 | 40 | 2 | 30 | 0 | 0 | 590 |
| % OF TOTAL | 87.8% | 6.8% | 0.3% | 5.1% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS22 DWY Western south of Ocean Ranch.TU.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 24 | 0 | 0 | 0 | 0 | 0 | 24 | TOTAL | 7 | 1 | 0 | 0 | 0 | 0 | 8 |

| | |
|---|---|
| AM PEAK HOUR | 5:15 AM |
| AM PEAK VOLUME | 8 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 5 |

| | | TOTAL: AM+PM | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | | 31 | 1 | 0 | 0 | 0 | 0 | 32 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 96.9% | 3.1% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 93 | 9 | 1 | 6 | 0 | 0 | 109 |
| CLASS 6 | Buses | % OF TOTAL | 85.3% | 8.3% | 0.9% | 5.5% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS22 DWY Western south of Ocean Ranch.TU.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 2 | 2 | 0 | 0 | 0 | 0 | 4 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 13 | 0 | 0 | 0 | 0 | 0 | 13 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 1 | 0 | 2 | 0 | 0 | 3 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 10:45 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 13 | 6 | 1 | 5 | 0 | 0 | 25 | TOTAL | 49 | 2 | 0 | 1 | 0 | 0 | 52 |

| | |
|---|---|
| AM PEAK HOUR | 10:45 AM |
| AM PEAK VOLUME | 7 |

| | |
|---|---|
| AM PEAK HOUR | 2:00 PM |
| AM PEAK VOLUME | 26 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 62 | 8 | 1 | 6 | 0 | 0 | 77 |
| % OF TOTAL | 80.5% | 10.4% | 1.3% | 7.8% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS22 DWY Western south of Ocean Ranch.TU.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 5 | 2 | 0 | 0 | 0 | 0 | 7 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 13 | 0 | 0 | 0 | 0 | 0 | 13 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 1 | 0 | 2 | 0 | 0 | 3 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 22:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 10:45 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 37 | 6 | 1 | 5 | 0 | 0 | 49 | TOTAL | 56 | 3 | 0 | 1 | 0 | 0 | 60 |

| | |
|---|---|
| AM PEAK HOUR | 10:00 AM |
| AM PEAK VOLUME | 12 |

| | |
|---|---|
| AM PEAK HOUR | 2:00 PM |
| AM PEAK VOLUME | 26 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 93 | 9 | 1 | 6 | 0 | 0 | 109 |
| % OF TOTAL | 85.3% | 8.3% | 0.9% | 5.5% | 0.0% | 0.0% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS22 DWY Western south of Ocean Ranch.WE.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 26 | 3 | 0 | 0 | 0 | 0 | 29 | TOTAL | 14 | 0 | 0 | 1 | 0 | 0 | 15 |

| | |
|---|---|
| AM PEAK HOUR | 5:15 AM |
| AM PEAK VOLUME | 7 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 6 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 40 | 3 | 0 | 1 | 0 | 0 | 44 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 90.9% | 6.8% | 0.0% | 2.3% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 114 | 8 | 0 | 9 | 0 | 0 | 131 |
| CLASS 6 | Buses | % OF TOTAL | 87.0% | 6.1% | 0.0% | 6.9% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS22 DWY Western south of Ocean Ranch.WE.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 11 | 0 | 0 | 1 | 0 | 0 | 12 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 3 | 0 | 0 | 1 | 0 | 0 | 4 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 2 | 1 | 0 | 1 | 0 | 0 | 4 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 22:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 20 | 3 | 0 | 5 | 0 | 0 | 28 | TOTAL | 54 | 2 | 0 | 3 | 0 | 0 | 59 |

| | |
|---|---|
| AM PEAK HOUR | 10:15 AM |
| AM PEAK VOLUME | 9 |

| | |
|---|---|
| AM PEAK HOUR | 1:45 PM |
| AM PEAK VOLUME | 29 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 74 | 5 | 0 | 8 | 0 | 0 | 87 |
| % OF TOTAL | 85.1% | 5.7% | 0.0% | 9.2% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS22 DWY Western south of Ocean Ranch.WE.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 1 | 0 | 1 | 0 | 0 | 3 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 11 | 0 | 0 | 1 | 0 | 0 | 12 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 5 | 0 | 0 | 1 | 0 | 0 | 6 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 12 | 0 | 0 | 0 | 0 | 0 | 12 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 3 | 2 | 0 | 1 | 0 | 0 | 6 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 22:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 46 | 6 | 0 | 5 | 0 | 0 | 57 | TOTAL | 68 | 2 | 0 | 4 | 0 | 0 | 74 |

| | |
|---|---|
| AM PEAK HOUR | 10:15 AM |
| AM PEAK VOLUME | 15 |

| | |
|---|---|
| AM PEAK HOUR | 1:45 PM |
| AM PEAK VOLUME | 32 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 114 | 8 | 0 | 9 | 0 | 0 | 131 |
| % OF TOTAL | 87.0% | 6.1% | 0.0% | 6.9% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS23 DWY Eastern south of Ocean Ranch.TU.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 4 | 0 | 0 | 1 | 0 | 0 | 5 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 1 | 0 | 0 | 0 | 3 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 20:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 37 | 6 | 3 | 7 | 0 | 0 | 53 | TOTAL | 16 | 1 | 1 | 1 | 0 | 0 | 19 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 AM |
| AM PEAK VOLUME | 26 |

| | |
|---|---|
| AM PEAK HOUR | 1:30 PM |
| AM PEAK VOLUME | 11 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 53 | 7 | 4 | 8 | 0 | 0 | 72 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 73.6% | 9.7% | 5.6% | 11.1% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 74 | 8 | 5 | 9 | 0 | 0 | 96 |
| CLASS 6 | Buses | % OF TOTAL | 77.1% | 8.3% | 5.2% | 9.4% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS23 DWY Eastern south of Ocean Ranch.TU.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1 | 0 | 1 | 1 | 0 | 0 | 3 | TOTAL | 20 | 1 | 0 | 0 | 0 | 0 | 21 |

| | |
|---|---|
| AM PEAK HOUR | 9:30 AM |
| AM PEAK VOLUME | 2 |

| | |
|---|---|
| AM PEAK HOUR | 2:00 PM |
| AM PEAK VOLUME | 7 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 21 | 1 | 1 | 1 | 0 | 0 | 24 |
| % OF TOTAL | 87.5% | 4.2% | 4.2% | 4.2% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS23 DWY Eastern south of Ocean Ranch.TU.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 4 | 0 | 0 | 1 | 0 | 0 | 5 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 1 | 0 | 0 | 0 | 3 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 17:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 20:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:15 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 20:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 38 | 6 | 4 | 8 | 0 | 0 | 56 | TOTAL | 36 | 2 | 1 | 1 | 0 | 0 | 40 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 AM |
| AM PEAK VOLUME | 26 |

| | |
|---|---|
| AM PEAK HOUR | 1:30 PM |
| AM PEAK VOLUME | 18 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 74 | 8 | 5 | 9 | 0 | 0 | 96 |
| % OF TOTAL | 77.1% | 8.3% | 5.2% | 9.4% | 0.0% | 0.0% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS23 DWY Eastern south of Ocean Ranch.WE.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 0 | 0 | 1 | 0 | 0 | 3 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 3 | 1 | 0 | 1 | 0 | 0 | 5 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 11 | 0 | 0 | 0 | 0 | 0 | 11 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 45 | 1 | 0 | 3 | 0 | 0 | 49 | TOTAL | 16 | 1 | 1 | 4 | 0 | 0 | 22 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 AM |
| AM PEAK VOLUME | 25 |

| | |
|---|---|
| AM PEAK HOUR | 1:15 PM |
| AM PEAK VOLUME | 12 |

| | | | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 61 | 2 | 1 | 7 | 0 | 0 | 71 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 85.9% | 2.8% | 1.4% | 9.9% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 90 | 3 | 2 | 8 | 0 | 0 | 103 |
| CLASS 6 | Buses | % OF TOTAL | 87.4% | 2.9% | 1.9% | 7.8% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS23 DWY Eastern south of Ocean Ranch.WE.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 6 | 0 | 0 | 0 | 0 | 0 | 6 | TOTAL | 23 | 1 | 1 | 1 | 0 | 0 | 26 |

| | |
|---|---|
| AM PEAK HOUR | 9:30 AM |
| AM PEAK VOLUME | 3 |

| | |
|---|---|
| AM PEAK HOUR | 2:00 PM |
| AM PEAK VOLUME | 9 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 29 | 1 | 1 | 1 | 0 | 0 | 32 |
| % OF TOTAL | 90.6% | 3.1% | 3.1% | 3.1% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS23 DWY Eastern south of Ocean Ranch.WE.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 1 | 0 | 1 | 0 | 0 | 4 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 0 | 1 | 1 | 0 | 0 | 3 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 3 | 0 | 0 | 1 | 0 | 0 | 4 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 3 | 1 | 0 | 1 | 0 | 0 | 5 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 6 | 0 | 0 | 1 | 0 | 0 | 7 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 15:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 17:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:15 | 11 | 0 | 0 | 0 | 0 | 0 | 11 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 19:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 51 | 1 | 0 | 3 | 0 | 0 | 55 | TOTAL | 39 | 2 | 2 | 5 | 0 | 0 | 48 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 AM |
| AM PEAK VOLUME | 25 |

| | |
|---|---|
| AM PEAK HOUR | 1:30 PM |
| AM PEAK VOLUME | 18 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 90 | 3 | 2 | 8 | 0 | 0 | 103 |
| % OF TOTAL | 87.4% | 2.9% | 1.9% | 7.8% | 0.0% | 0.0% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

Tuesday, June 13, 2023 CITY: San Diego PROJECT: SC4085

**PB_21 DWY west of Corporate Center.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | BIKES | | | | PEDS | | BIKES | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | OUT | IN | OUT | | PM Period | IN | OUT | IN | OUT | | |
| 0:00 | 0 | 0 | 0 | 0 | | 12:00 | 1 | 1 | 0 | 0 | | |
| 0:15 | 0 | 0 | 0 | 0 | | 12:15 | 1 | 0 | 0 | 0 | | |
| 0:30 | 0 | 0 | 0 | 0 | | 12:30 | 0 | 1 | 0 | 0 | | |
| 0:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 12:45 | 0 2 | 0 2 | 0 0 | 0 0 | 4 | |
| 1:00 | 0 | 0 | 0 | 0 | | 13:00 | 1 | 1 | 0 | 0 | | |
| 1:15 | 0 | 0 | 0 | 0 | | 13:15 | 2 | 0 | 0 | 0 | | |
| 1:30 | 0 | 0 | 0 | 0 | | 13:30 | 0 | 0 | 0 | 0 | | |
| 1:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 13:45 | 0 3 | 0 1 | 0 0 | 0 0 | 4 | |
| 2:00 | 0 | 0 | 0 | 0 | | 14:00 | 0 | 4 | 0 | 2 | | |
| 2:15 | 0 | 0 | 0 | 0 | | 14:15 | 1 | 2 | 0 | 0 | | |
| 2:30 | 0 | 0 | 0 | 0 | | 14:30 | 2 | 0 | 0 | 0 | | |
| 2:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 14:45 | 1 4 | 0 6 | 0 0 | 2 4 | 14 | |
| 3:00 | 0 | 0 | 0 | 0 | | 15:00 | 0 | 0 | 0 | 0 | | |
| 3:15 | 0 | 0 | 0 | 0 | | 15:15 | 0 | 0 | 0 | 0 | | |
| 3:30 | 0 | 0 | 0 | 0 | | 15:30 | 0 | 0 | 0 | 0 | | |
| 3:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 15:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| 4:00 | 0 | 0 | 0 | 0 | | 16:00 | 0 | 0 | 0 | 0 | | |
| 4:15 | 0 | 0 | 0 | 0 | | 16:15 | 0 | 0 | 0 | 0 | | |
| 4:30 | 0 | 0 | 0 | 0 | | 16:30 | 0 | 0 | 0 | 0 | | |
| 4:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 16:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| 5:00 | 0 | 0 | 1 | 0 | | 17:00 | 0 | 0 | 0 | 0 | | |
| 5:15 | 1 | 0 | 0 | 0 | | 17:15 | 0 | 0 | 0 | 0 | | |
| 5:30 | 1 | 0 | 0 | 0 | | 17:30 | 0 | 0 | 0 | 0 | | |
| 5:45 | 0 2 | 0 0 | 0 1 | 0 0 | 3 | 17:45 | 0 0 | 1 1 | 0 0 | 0 0 | 1 | |
| 6:00 | 0 | 0 | 0 | 0 | | 18:00 | 0 | 0 | 0 | 0 | | |
| 6:15 | 0 | 0 | 0 | 0 | | 18:15 | 0 | 0 | 0 | 0 | | |
| 6:30 | 0 | 0 | 0 | 0 | | 18:30 | 0 | 0 | 0 | 0 | | |
| 6:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 18:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| 7:00 | 0 | 0 | 0 | 0 | | 19:00 | 0 | 0 | 0 | 0 | | |
| 7:15 | 0 | 0 | 0 | 0 | | 19:15 | 0 | 0 | 0 | 0 | | |
| 7:30 | 0 | 1 | 0 | 0 | | 19:30 | 0 | 0 | 0 | 0 | | |
| 7:45 | 0 0 | 0 1 | 0 0 | 0 0 | 1 | 19:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| 8:00 | 1 | 0 | 0 | 0 | | 20:00 | 0 | 0 | 0 | 0 | | |
| 8:15 | 0 | 0 | 0 | 0 | | 20:15 | 0 | 0 | 0 | 0 | | |
| 8:30 | 0 | 1 | 0 | 0 | | 20:30 | 0 | 0 | 0 | 0 | | |
| 8:45 | 1 2 | 0 1 | 0 0 | 0 0 | 3 | 20:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| 9:00 | 1 | 1 | 0 | 0 | | 21:00 | 0 | 0 | 0 | 0 | | |
| 9:15 | 0 | 0 | 0 | 0 | | 21:15 | 0 | 0 | 0 | 0 | | |
| 9:30 | 0 | 1 | 0 | 0 | | 21:30 | 0 | 0 | 0 | 0 | | |
| 9:45 | 1 2 | 1 3 | 0 0 | 0 0 | 5 | 21:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| 10:00 | 0 | 0 | 0 | 0 | | 22:00 | 0 | 0 | 0 | 0 | | |
| 10:15 | 1 | 1 | 0 | 0 | | 22:15 | 0 | 0 | 0 | 0 | | |
| 10:30 | 0 | 0 | 0 | 0 | | 22:30 | 0 | 0 | 0 | 0 | | |
| 10:45 | 0 1 | 0 1 | 0 0 | 0 0 | 2 | 22:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| 11:00 | 3 | 0 | 0 | 0 | | 23:00 | 0 | 0 | 0 | 0 | | |
| 11:15 | 0 | 0 | 0 | 0 | | 23:15 | 0 | 0 | 0 | 0 | | |
| 11:30 | 0 | 1 | 0 | 0 | | 23:30 | 0 | 0 | 0 | 0 | | |
| 11:45 | 0 3 | 0 1 | 0 0 | 1 1 | 5 | 23:45 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| Total Vol. | 10 | 7 | 1 | 1 | 19 | | 9 | 10 | 0 | 4 | 23 | |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 19 | 17 | 1 | 5 | 42 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 52.6% | 36.8% | 5.3% | 5.3% | 45.2% | 39.1% | 43.5% | 0.0% | 17.4% | 54.8% |
| Peak Hour | 10:15 | 9:00 | 4:15 | 11:00 | 9:00 | 14:00 | 13:30 | | 14:00 | 14:00 |
| Volume | 4 | 3 | 1 | 1 | 5 | 4 | 6 | | 4 | 14 |
| P.H.F. | 0.33 | 0.75 | 0.25 | 0.25 | 0.63 | 0.63 | 0.38 | | 0.50 | 0.58 |

cs@aimtd.com Tell. 714 253 7888

Wednesday, June 14, 2023 CITY: San Diego PROJECT: SC4085

**PB_21 DWY west of Corporate Center.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | | | BIKES | | | | | | PEDS | | | | BIKES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | | OUT | | IN | | OUT | | | PM Period | IN | | OUT | | IN | | OUT | | |
| 0:00 | 0 | | 0 | | 0 | | 0 | | | 12:00 | 0 | | 2 | | 0 | | 0 | | |
| 0:15 | 0 | | 0 | | 0 | | 0 | | | 12:15 | 1 | | 0 | | 0 | | 0 | | |
| 0:30 | 0 | | 0 | | 0 | | 0 | | | 12:30 | 0 | | 0 | | 0 | | 0 | | |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 12:45 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 3 |
| 1:00 | 0 | | 0 | | 0 | | 0 | | | 13:00 | 1 | | 1 | | 0 | | 0 | | |
| 1:15 | 0 | | 0 | | 0 | | 0 | | | 13:15 | 0 | | 0 | | 0 | | 0 | | |
| 1:30 | 0 | | 0 | | 0 | | 0 | | | 13:30 | 0 | | 2 | | 0 | | 0 | | |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 13:45 | 1 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 6 |
| 2:00 | 0 | | 0 | | 0 | | 0 | | | 14:00 | 0 | | 2 | | 0 | | 2 | | |
| 2:15 | 0 | | 0 | | 0 | | 0 | | | 14:15 | 0 | | 0 | | 0 | | 0 | | |
| 2:30 | 0 | | 0 | | 0 | | 0 | | | 14:30 | 0 | | 1 | | 0 | | 0 | | |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 14:45 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 2 | 6 |
| 3:00 | 0 | | 0 | | 0 | | 0 | | | 15:00 | 1 | | 0 | | 0 | | 0 | | |
| 3:15 | 0 | | 0 | | 0 | | 0 | | | 15:15 | 2 | | 0 | | 0 | | 0 | | |
| 3:30 | 0 | | 0 | | 0 | | 0 | | | 15:30 | 0 | | 0 | | 0 | | 0 | | |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 15:45 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 4:00 | 0 | | 0 | | 0 | | 0 | | | 16:00 | 0 | | 0 | | 0 | | 0 | | |
| 4:15 | 0 | | 0 | | 0 | | 0 | | | 16:15 | 0 | | 0 | | 0 | | 0 | | |
| 4:30 | 0 | | 0 | | 0 | | 0 | | | 16:30 | 0 | | 0 | | 0 | | 0 | | |
| 4:45 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 16:45 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| 5:00 | 1 | | 0 | | 0 | | 0 | | | 17:00 | 0 | | 0 | | 0 | | 0 | | |
| 5:15 | 0 | | 0 | | 0 | | 0 | | | 17:15 | 0 | | 0 | | 0 | | 0 | | |
| 5:30 | 1 | | 0 | | 0 | | 0 | | | 17:30 | 0 | | 0 | | 0 | | 0 | | |
| 5:45 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6:00 | 0 | | 0 | | 0 | | 0 | | | 18:00 | 0 | | 0 | | 0 | | 0 | | |
| 6:15 | 0 | | 0 | | 0 | | 0 | | | 18:15 | 0 | | 0 | | 0 | | 0 | | |
| 6:30 | 0 | | 0 | | 0 | | 0 | | | 18:30 | 0 | | 0 | | 0 | | 0 | | |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7:00 | 0 | | 0 | | 0 | | 0 | | | 19:00 | 0 | | 0 | | 0 | | 0 | | |
| 7:15 | 0 | | 0 | | 0 | | 0 | | | 19:15 | 0 | | 0 | | 0 | | 0 | | |
| 7:30 | 0 | | 0 | | 0 | | 0 | | | 19:30 | 0 | | 0 | | 0 | | 0 | | |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8:00 | 1 | | 0 | | 0 | | 2 | | | 20:00 | 0 | | 0 | | 0 | | 0 | | |
| 8:15 | 0 | | 0 | | 0 | | 0 | | | 20:15 | 0 | | 0 | | 0 | | 0 | | |
| 8:30 | 0 | | 0 | | 0 | | 0 | | | 20:30 | 0 | | 0 | | 0 | | 0 | | |
| 8:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9:00 | 0 | | 0 | | 0 | | 0 | | | 21:00 | 0 | | 0 | | 0 | | 0 | | |
| 9:15 | 0 | | 0 | | 0 | | 0 | | | 21:15 | 0 | | 0 | | 0 | | 0 | | |
| 9:30 | 1 | | 0 | | 0 | | 3 | | | 21:30 | 0 | | 0 | | 0 | | 0 | | |
| 9:45 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:00 | 0 | | 0 | | 0 | | 0 | | | 22:00 | 0 | | 0 | | 0 | | 0 | | |
| 10:15 | 0 | | 0 | | 0 | | 0 | | | 22:15 | 0 | | 0 | | 0 | | 0 | | |
| 10:30 | 0 | | 0 | | 0 | | 0 | | | 22:30 | 0 | | 0 | | 0 | | 0 | | |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:00 | 1 | | 0 | | 0 | | 0 | | | 23:00 | 0 | | 0 | | 0 | | 0 | | |
| 11:15 | 0 | | 0 | | 0 | | 0 | | | 23:15 | 0 | | 0 | | 0 | | 0 | | |
| 11:30 | 1 | | 0 | | 0 | | 0 | | | 23:30 | 0 | | 0 | | 0 | | 0 | | |
| 11:45 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Vol. | | 8 | | 0 | | 1 | | 0 | 14 | | | 6 | | 11 | | 0 | | 2 | 19 |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 14 | 11 | 1 | 2 | 33 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 57.1% | 0.0% | 7.1% | 0.0% | 42.4% | 31.6% | 57.9% | 0.0% | 10.5% | 57.6% |
| Peak Hour | 9:00 | 11:15 | 4:00 | 8:45 | 9:00 | 14:30 | 13:15 | | 13:15 | 13:15 |
| Volume | 3 | 2 | 1 | 3 | 6 | 3 | 5 | | 2 | 8 |
| P.H.F. | 0.38 | 0.25 | 0.25 | 0.25 | 0.38 | 0.50 | 0.63 | | 0.25 | 0.50 |

cs@aimtd.com Tell. 714 253 7888

Tuesday, June 13, 2023 CITY: San Diego PROJECT: SC4085

**PB_22 DWY Western south of Ocean Ranch.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | BIKES | | | PEDS | | BIKES | | |
|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | OUT | IN | OUT | | PM Period | IN | OUT | IN | OUT | |
| 0:00 | 0 | 0 | 0 | 0 | | 12:00 | 0 | 0 | 0 | 0 | |
| 0:15 | 0 | 0 | 0 | 0 | | 12:15 | 0 | 0 | 0 | 0 | |
| 0:30 | 0 | 0 | 0 | 0 | | 12:30 | 0 | 0 | 0 | 0 | |
| 0:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 12:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 1:00 | 0 | 0 | 0 | 0 | | 13:00 | 0 | 0 | 0 | 0 | |
| 1:15 | 0 | 0 | 0 | 0 | | 13:15 | 0 | 0 | 0 | 0 | |
| 1:30 | 0 | 0 | 0 | 0 | | 13:30 | 0 | 0 | 0 | 0 | |
| 1:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 13:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 2:00 | 0 | 0 | 0 | 0 | | 14:00 | 2 | 0 | 0 | 0 | |
| 2:15 | 0 | 0 | 0 | 0 | | 14:15 | 0 | 0 | 0 | 0 | |
| 2:30 | 0 | 0 | 0 | 0 | | 14:30 | 0 | 0 | 0 | 0 | |
| 2:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 14:45 | 0 2 | 0 0 | 0 0 | 0 0 | 2 |
| 3:00 | 0 | 0 | 0 | 0 | | 15:00 | 0 | 0 | 0 | 0 | |
| 3:15 | 0 | 0 | 0 | 0 | | 15:15 | 0 | 0 | 0 | 0 | |
| 3:30 | 0 | 0 | 0 | 0 | | 15:30 | 0 | 0 | 0 | 0 | |
| 3:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 15:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 4:00 | 0 | 0 | 0 | 0 | | 16:00 | 0 | 0 | 0 | 0 | |
| 4:15 | 0 | 0 | 0 | 0 | | 16:15 | 0 | 0 | 0 | 0 | |
| 4:30 | 0 | 0 | 0 | 0 | | 16:30 | 0 | 0 | 0 | 0 | |
| 4:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 16:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 5:00 | 0 | 0 | 0 | 0 | | 17:00 | 0 | 0 | 0 | 0 | |
| 5:15 | 0 | 0 | 0 | 0 | | 17:15 | 0 | 0 | 0 | 0 | |
| 5:30 | 0 | 0 | 0 | 0 | | 17:30 | 0 | 0 | 0 | 0 | |
| 5:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 17:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 6:00 | 0 | 0 | 0 | 0 | | 18:00 | 0 | 0 | 0 | 0 | |
| 6:15 | 0 | 0 | 0 | 0 | | 18:15 | 0 | 0 | 0 | 0 | |
| 6:30 | 0 | 0 | 0 | 0 | | 18:30 | 0 | 0 | 0 | 0 | |
| 6:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 18:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 7:00 | 0 | 0 | 0 | 0 | | 19:00 | 0 | 0 | 0 | 0 | |
| 7:15 | 0 | 0 | 0 | 0 | | 19:15 | 0 | 0 | 0 | 0 | |
| 7:30 | 0 | 0 | 0 | 0 | | 19:30 | 0 | 0 | 0 | 0 | |
| 7:45 | 1 1 | 0 0 | 0 0 | 0 0 | 1 | 19:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 8:00 | 0 | 1 | 0 | 0 | | 20:00 | 0 | 0 | 0 | 0 | |
| 8:15 | 0 | 0 | 0 | 0 | | 20:15 | 0 | 0 | 0 | 0 | |
| 8:30 | 0 | 0 | 0 | 0 | | 20:30 | 0 | 0 | 0 | 0 | |
| 8:45 | 0 0 | 0 1 | 0 0 | 0 0 | 1 | 20:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 9:00 | 1 | 0 | 0 | 0 | | 21:00 | 0 | 0 | 0 | 0 | |
| 9:15 | 0 | 0 | 0 | 0 | | 21:15 | 0 | 0 | 0 | 0 | |
| 9:30 | 0 | 0 | 0 | 0 | | 21:30 | 0 | 0 | 0 | 0 | |
| 9:45 | 0 1 | 0 0 | 0 0 | 0 0 | 1 | 21:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 10:00 | 0 | 0 | 0 | 0 | | 22:00 | 0 | 0 | 0 | 0 | |
| 10:15 | 0 | 0 | 0 | 0 | | 22:15 | 0 | 0 | 0 | 0 | |
| 10:30 | 0 | 0 | 0 | 0 | | 22:30 | 0 | 0 | 0 | 0 | |
| 10:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 22:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 11:00 | 0 | 0 | 0 | 0 | | 23:00 | 0 | 0 | 0 | 0 | |
| 11:15 | 0 | 0 | 0 | 0 | | 23:15 | 0 | 0 | 0 | 0 | |
| 11:30 | 0 | 0 | 0 | 0 | | 23:30 | 0 | 0 | 0 | 0 | |
| 11:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 23:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| Total Vol. | 2 | 1 | 0 | 0 | 3 | | 2 | 0 | 0 | 0 | 2 |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 4 | 1 | 0 | 0 | 5 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 66.7% | 33.3% | 0.0% | 0.0% | 60.0% | 100.0% | 0.0% | 0.0% | 0.0% | 40.0% |
| Peak Hour | 7:00 | 7:15 | | | 7:15 | 13:15 | | | | 13:15 |
| Volume | 1 | 1 | | | 2 | 2 | | | | 2 |
| P.H.F. | 0.25 | 0.25 | | | 0.50 | | | | | 0.25 |

cs@aimtd.com Tell. 714 253 7888

Wednesday, June 14, 2023 CITY: San Diego PROJECT: SC4085

**PB_22 DWY Western south of Ocean Ranch.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | | | BIKES | | | | | | PEDS | | | | BIKES | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | | OUT | | IN | | OUT | | | | PM Period | IN | | OUT | | IN | | OUT | | | |
| 0:00 | 0 | | 0 | | 0 | | 0 | | | | 12:00 | 0 | | 0 | | 0 | | 0 | | | |
| 0:15 | 0 | | 0 | | 0 | | 0 | | | | 12:15 | 0 | | 0 | | 0 | | 0 | | | |
| 0:30 | 0 | | 0 | | 0 | | 0 | | | | 12:30 | 0 | | 0 | | 0 | | 0 | | | |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1:00 | 0 | | 0 | | 0 | | 0 | | | | 13:00 | 0 | | 0 | | 0 | | 0 | | | |
| 1:15 | 0 | | 0 | | 0 | | 0 | | | | 13:15 | 0 | | 0 | | 0 | | 0 | | | |
| 1:30 | 0 | | 0 | | 0 | | 0 | | | | 13:30 | 0 | | 0 | | 0 | | 0 | | | |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2:00 | 0 | | 0 | | 0 | | 0 | | | | 14:00 | 0 | | 0 | | 0 | | 0 | | | |
| 2:15 | 0 | | 0 | | 0 | | 0 | | | | 14:15 | 0 | | 0 | | 0 | | 0 | | | |
| 2:30 | 0 | | 0 | | 0 | | 0 | | | | 14:30 | 0 | | 0 | | 0 | | 0 | | | |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 14:45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 1 |
| 3:00 | 0 | | 0 | | 0 | | 0 | | | | 15:00 | 0 | | 1 | | 0 | | 0 | | | |
| 3:15 | 0 | | 0 | | 0 | | 0 | | | | 15:15 | 0 | | 0 | | 0 | | 0 | | | |
| 3:30 | 0 | | 0 | | 0 | | 0 | | | | 15:30 | 0 | | 0 | | 0 | | 0 | | | |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 15:45 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 1 |
| 4:00 | 0 | | 0 | | 0 | | 0 | | | | 16:00 | 0 | | 0 | | 0 | | 0 | | | |
| 4:15 | 0 | | 0 | | 0 | | 0 | | | | 16:15 | 0 | | 0 | | 0 | | 0 | | | |
| 4:30 | 0 | | 0 | | 0 | | 0 | | | | 16:30 | 0 | | 0 | | 0 | | 0 | | | |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 5:00 | 0 | | 0 | | 0 | | 0 | | | | 17:00 | 0 | | 0 | | 0 | | 0 | | | |
| 5:15 | 0 | | 0 | | 0 | | 0 | | | | 17:15 | 0 | | 0 | | 0 | | 0 | | | |
| 5:30 | 0 | | 0 | | 0 | | 0 | | | | 17:30 | 0 | | 0 | | 0 | | 0 | | | |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 6:00 | 0 | | 0 | | 0 | | 0 | | | | 18:00 | 0 | | 0 | | 0 | | 0 | | | |
| 6:15 | 0 | | 0 | | 0 | | 0 | | | | 18:15 | 0 | | 0 | | 0 | | 0 | | | |
| 6:30 | 0 | | 0 | | 0 | | 0 | | | | 18:30 | 0 | | 0 | | 0 | | 0 | | | |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 7:00 | 0 | | 0 | | 0 | | 0 | | | | 19:00 | 0 | | 0 | | 0 | | 0 | | | |
| 7:15 | 0 | | 0 | | 0 | | 0 | | | | 19:15 | 0 | | 0 | | 0 | | 0 | | | |
| 7:30 | 0 | | 0 | | 0 | | 0 | | | | 19:30 | 0 | | 0 | | 0 | | 0 | | | |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 8:00 | 0 | | 0 | | 0 | | 0 | | | | 20:00 | 0 | | 0 | | 0 | | 0 | | | |
| 8:15 | 0 | | 0 | | 0 | | 0 | | | | 20:15 | 0 | | 0 | | 0 | | 0 | | | |
| 8:30 | 0 | | 0 | | 0 | | 0 | | | | 20:30 | 0 | | 0 | | 0 | | 0 | | | |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 9:00 | 0 | | 0 | | 0 | | 0 | | | | 21:00 | 0 | | 0 | | 0 | | 0 | | | |
| 9:15 | 0 | | 0 | | 0 | | 0 | | | | 21:15 | 0 | | 0 | | 0 | | 0 | | | |
| 9:30 | 1 | | 0 | | 0 | | 0 | | | | 21:30 | 0 | | 0 | | 0 | | 0 | | | |
| 9:45 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 10:00 | 0 | | 0 | | 0 | | 0 | | | | 22:00 | 0 | | 0 | | 0 | | 0 | | | |
| 10:15 | 0 | | 0 | | 0 | | 0 | | | | 22:15 | 0 | | 0 | | 0 | | 0 | | | |
| 10:30 | 0 | | 0 | | 0 | | 0 | | | | 22:30 | 0 | | 0 | | 0 | | 0 | | | |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 11:00 | 0 | | 2 | | 0 | | 0 | | | | 23:00 | 0 | | 0 | | 0 | | 0 | | | |
| 11:15 | 0 | | 0 | | 0 | | 0 | | | | 23:15 | 0 | | 0 | | 0 | | 0 | | | |
| 11:30 | 0 | | 0 | | 0 | | 0 | | | | 23:30 | 0 | | 0 | | 0 | | 0 | | | |
| 11:45 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 3 | | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Total Vol. | | 2 | | 2 | | 0 | | 0 | 4 | | | | 1 | | 1 | | 0 | | 0 | 2 |

| Daily Totals | | | | | |
|---|---|---|---|---|---|
| | IN | OUT | IN | OUT | Combined |
| | 3 | 3 | 0 | 0 | 6 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 50.0% | 50.0% | 0.0% | 0.0% | 66.7% | 50.0% | 50.0% | 0.0% | 0.0% | 33.3% |
| Peak Hour | 8:45 | 10:15 | | | 11:00 | 14:00 | 14:15 | | | 14:15 |
| Volume | 1 | 2 | | | 3 | 1 | 1 | | | 2 |
| P.H.F. | 0.25 | 0.25 | | | 0.38 | | 0.25 | | | 0.50 |

cs@aimtd.com Tell. 714 253 7888

Tuesday, June 13, 2023 CITY: San Diego PROJECT: SC4085

**PB_23 DWY Eastern south of Ocean Ranch.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | BIKES | | | PEDS | | BIKES | | |
|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | OUT | IN | OUT | | PM Period | IN | OUT | IN | OUT | |
| 0:00 | 0 | 0 | 0 | 0 | | 12:00 | 0 | 0 | 0 | 0 | |
| 0:15 | 0 | 0 | 0 | 0 | | 12:15 | 0 | 0 | 0 | 0 | |
| 0:30 | 0 | 0 | 0 | 0 | | 12:30 | 0 | 0 | 0 | 0 | |
| 0:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 12:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 1:00 | 0 | 0 | 0 | 0 | | 13:00 | 0 | 0 | 0 | 0 | |
| 1:15 | 0 | 0 | 0 | 0 | | 13:15 | 0 | 0 | 0 | 0 | |
| 1:30 | 0 | 0 | 0 | 0 | | 13:30 | 0 | 0 | 0 | 0 | |
| 1:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 13:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 2:00 | 0 | 0 | 0 | 0 | | 14:00 | 0 | 0 | 0 | 0 | |
| 2:15 | 0 | 0 | 0 | 0 | | 14:15 | 0 | 0 | 0 | 0 | |
| 2:30 | 0 | 0 | 0 | 0 | | 14:30 | 0 | 0 | 0 | 0 | |
| 2:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 14:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 3:00 | 0 | 0 | 0 | 0 | | 15:00 | 0 | 0 | 0 | 0 | |
| 3:15 | 0 | 0 | 0 | 0 | | 15:15 | 0 | 0 | 0 | 0 | |
| 3:30 | 0 | 0 | 0 | 0 | | 15:30 | 0 | 0 | 0 | 0 | |
| 3:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 15:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 4:00 | 0 | 0 | 0 | 0 | | 16:00 | 0 | 0 | 0 | 0 | |
| 4:15 | 0 | 0 | 0 | 0 | | 16:15 | 0 | 0 | 0 | 0 | |
| 4:30 | 0 | 0 | 0 | 0 | | 16:30 | 0 | 0 | 0 | 0 | |
| 4:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 16:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 5:00 | 0 | 0 | 0 | 0 | | 17:00 | 0 | 0 | 0 | 0 | |
| 5:15 | 0 | 0 | 0 | 0 | | 17:15 | 0 | 0 | 0 | 0 | |
| 5:30 | 0 | 0 | 0 | 0 | | 17:30 | 0 | 0 | 0 | 0 | |
| 5:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 17:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 6:00 | 0 | 0 | 0 | 0 | | 18:00 | 0 | 0 | 0 | 0 | |
| 6:15 | 0 | 0 | 0 | 0 | | 18:15 | 0 | 0 | 0 | 0 | |
| 6:30 | 0 | 0 | 0 | 0 | | 18:30 | 0 | 0 | 0 | 0 | |
| 6:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 18:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 7:00 | 0 | 0 | 0 | 0 | | 19:00 | 0 | 0 | 0 | 0 | |
| 7:15 | 1 | 1 | 0 | 0 | | 19:15 | 0 | 0 | 0 | 0 | |
| 7:30 | 0 | 0 | 0 | 0 | | 19:30 | 0 | 0 | 0 | 0 | |
| 7:45 | 0 1 | 0 1 | 0 0 | 0 0 | 2 | 19:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 8:00 | 0 | 0 | 0 | 0 | | 20:00 | 0 | 0 | 0 | 0 | |
| 8:15 | 0 | 0 | 0 | 0 | | 20:15 | 0 | 0 | 0 | 0 | |
| 8:30 | 0 | 0 | 0 | 0 | | 20:30 | 0 | 0 | 0 | 0 | |
| 8:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 20:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 9:00 | 0 | 0 | 0 | 0 | | 21:00 | 0 | 0 | 0 | 0 | |
| 9:15 | 0 | 2 | 0 | 0 | | 21:15 | 0 | 0 | 0 | 0 | |
| 9:30 | 2 | 0 | 0 | 0 | | 21:30 | 0 | 0 | 0 | 0 | |
| 9:45 | 0 2 | 0 2 | 0 0 | 0 0 | 4 | 21:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 10:00 | 0 | 0 | 0 | 0 | | 22:00 | 0 | 0 | 0 | 0 | |
| 10:15 | 0 | 0 | 0 | 0 | | 22:15 | 0 | 0 | 0 | 0 | |
| 10:30 | 0 | 0 | 0 | 0 | | 22:30 | 0 | 0 | 0 | 0 | |
| 10:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 22:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 11:00 | 0 | 0 | 0 | 0 | | 23:00 | 0 | 0 | 0 | 0 | |
| 11:15 | 0 | 0 | 0 | 0 | | 23:15 | 0 | 0 | 0 | 0 | |
| 11:30 | 0 | 0 | 0 | 0 | | 23:30 | 0 | 0 | 0 | 0 | |
| 11:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 23:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| Total Vol. | 3 | 3 | 0 | 0 | 6 | | 0 | 0 | 0 | 0 | |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 3 | 3 | 0 | 0 | 6 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 50.0% | 50.0% | 0.0% | 0.0% | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | |
| Peak Hour | 8:45 | 8:30 | | | 8:45 | | | | | |
| Volume | 2 | 2 | | | 4 | | | | | |
| P.H.F. | 0.25 | 0.25 | | | 0.50 | | | | | |

cs@aimtd.com Tell. 714 253 7888

Wednesday, June 14, 2023 CITY: San Diego PROJECT: SC4085

**PB_23 DWY Eastern south of Ocean Ranch.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | | | BIKES | | | | | | PEDS | | | | BIKES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | | OUT | | IN | | OUT | | | PM Period | IN | | OUT | | IN | | OUT | | |
| 0:00 | 0 | | 0 | | 0 | | 0 | | | 12:00 | 0 | | 0 | | 0 | | 0 | | |
| 0:15 | 0 | | 0 | | 0 | | 0 | | | 12:15 | 0 | | 0 | | 0 | | 0 | | |
| 0:30 | 0 | | 0 | | 0 | | 0 | | | 12:30 | 0 | | 0 | | 0 | | 0 | | |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1:00 | 0 | | 0 | | 0 | | 0 | | | 13:00 | 0 | | 0 | | 0 | | 0 | | |
| 1:15 | 0 | | 0 | | 0 | | 0 | | | 13:15 | 0 | | 0 | | 0 | | 0 | | |
| 1:30 | 0 | | 0 | | 0 | | 0 | | | 13:30 | 0 | | 0 | | 0 | | 0 | | |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2:00 | 0 | | 0 | | 0 | | 0 | | | 14:00 | 0 | | 0 | | 1 | | 0 | | |
| 2:15 | 0 | | 0 | | 0 | | 0 | | | 14:15 | 0 | | 0 | | 0 | | 0 | | |
| 2:30 | 0 | | 0 | | 0 | | 0 | | | 14:30 | 0 | | 0 | | 0 | | 0 | | |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 14:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 3:00 | 0 | | 0 | | 0 | | 0 | | | 15:00 | 0 | | 0 | | 0 | | 0 | | |
| 3:15 | 0 | | 0 | | 0 | | 0 | | | 15:15 | 0 | | 0 | | 0 | | 0 | | |
| 3:30 | 0 | | 0 | | 0 | | 0 | | | 15:30 | 0 | | 0 | | 0 | | 0 | | |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4:00 | 0 | | 0 | | 0 | | 0 | | | 16:00 | 0 | | 0 | | 0 | | 0 | | |
| 4:15 | 0 | | 0 | | 0 | | 0 | | | 16:15 | 0 | | 0 | | 0 | | 0 | | |
| 4:30 | 0 | | 0 | | 0 | | 0 | | | 16:30 | 0 | | 0 | | 0 | | 0 | | |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5:00 | 0 | | 0 | | 0 | | 0 | | | 17:00 | 0 | | 0 | | 0 | | 0 | | |
| 5:15 | 0 | | 0 | | 0 | | 0 | | | 17:15 | 0 | | 0 | | 0 | | 0 | | |
| 5:30 | 0 | | 0 | | 0 | | 0 | | | 17:30 | 0 | | 0 | | 0 | | 0 | | |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6:00 | 0 | | 0 | | 0 | | 0 | | | 18:00 | 0 | | 0 | | 0 | | 0 | | |
| 6:15 | 0 | | 0 | | 0 | | 0 | | | 18:15 | 0 | | 0 | | 0 | | 0 | | |
| 6:30 | 0 | | 0 | | 0 | | 0 | | | 18:30 | 0 | | 0 | | 0 | | 0 | | |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7:00 | 0 | | 0 | | 0 | | 0 | | | 19:00 | 0 | | 0 | | 0 | | 0 | | |
| 7:15 | 0 | | 0 | | 0 | | 0 | | | 19:15 | 0 | | 0 | | 0 | | 0 | | |
| 7:30 | 0 | | 0 | | 0 | | 0 | | | 19:30 | 0 | | 0 | | 0 | | 0 | | |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8:00 | 0 | | 0 | | 0 | | 0 | | | 20:00 | 0 | | 0 | | 0 | | 0 | | |
| 8:15 | 0 | | 0 | | 0 | | 0 | | | 20:15 | 0 | | 0 | | 0 | | 0 | | |
| 8:30 | 0 | | 0 | | 0 | | 0 | | | 20:30 | 0 | | 0 | | 0 | | 0 | | |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9:00 | 0 | | 0 | | 0 | | 0 | | | 21:00 | 0 | | 0 | | 0 | | 0 | | |
| 9:15 | 0 | | 1 | | 0 | | 0 | | | 21:15 | 0 | | 0 | | 0 | | 0 | | |
| 9:30 | 1 | | 0 | | 0 | | 0 | | | 21:30 | 0 | | 0 | | 0 | | 0 | | |
| 9:45 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:00 | 0 | | 0 | | 0 | | 0 | | | 22:00 | 0 | | 0 | | 0 | | 0 | | |
| 10:15 | 0 | | 0 | | 0 | | 0 | | | 22:15 | 0 | | 0 | | 0 | | 0 | | |
| 10:30 | 0 | | 0 | | 0 | | 0 | | | 22:30 | 0 | | 0 | | 0 | | 0 | | |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:00 | 0 | | 0 | | 0 | | 0 | | | 23:00 | 0 | | 0 | | 0 | | 0 | | |
| 11:15 | 0 | | 0 | | 0 | | 0 | | | 23:15 | 0 | | 0 | | 0 | | 0 | | |
| 11:30 | 0 | | 0 | | 0 | | 0 | | | 23:30 | 0 | | 0 | | 0 | | 0 | | |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Vol. | 1 | | 1 | | 0 | | 0 | 2 | | | 0 | | 0 | | 1 | | 0 | | 1 |

| Daily Totals | | | | | |
|---|---|---|---|---|---|
| | IN | OUT | IN | OUT | Combined |
| | 1 | 1 | 1 | 0 | 3 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 50.0% | 50.0% | 0.0% | 0.0% | 66.7% | 0.0% | 0.0% | 100.0% | 0.0% | 33.3% |
| Peak Hour | 8:45 | 8:30 | | | 8:45 | | | 13:15 | | 13:15 |
| Volume | 1 | 1 | | | 2 | | | 1 | | 1 |
| P.H.F. | 0.25 | 0.25 | | | 0.50 | | | 0.25 | | 0.25 |

cs@aimtd.com Tell. 714 253 7888

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS31 DWY1 south of Harmony Grove.TU.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 7 | 1 | 0 | 1 | 0 | 0 | 9 | TOTAL | 5 | 0 | 0 | 0 | 0 | 0 | 5 |

| | |
|---|---|
| AM PEAK HOUR | 9:15 AM |
| AM PEAK VOLUME | 3 |

| | |
|---|---|
| AM PEAK HOUR | 10:15 PM |
| AM PEAK VOLUME | 1 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 12 | 1 | 0 | 1 | 0 | 0 | 14 |
| % OF TOTAL | 85.7% | 7.1% | 0.0% | 7.1% | 0.0% | 0.0% | 100.0% |
| TOTAL: ALL | 26 | 2 | 0 | 2 | 0 | 0 | 30 |
| % OF TOTAL | 86.7% | 6.7% | 0.0% | 6.7% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS31 DWY1 south of Harmony Grove.TU.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 0:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 3 | 0 | 0 | 1 | 0 | 0 | 4 | TOTAL | 11 | 1 | 0 | 0 | 0 | 0 | 12 |

| | |
|---|---|
| AM PEAK HOUR | 11:15 AM |
| AM PEAK VOLUME | 1 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 4 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 14 | 1 | 0 | 1 | 0 | 0 | 16 |
| % OF TOTAL | 87.5% | 6.3% | 0.0% | 6.3% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS31 DWY1 south of Harmony Grove.TU.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 0:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 10 | 1 | 0 | 2 | 0 | 0 | 13 | TOTAL | 16 | 1 | 0 | 0 | 0 | 0 | 17 |

| | |
|---|---|
| AM PEAK HOUR | 8:45 AM |
| AM PEAK VOLUME | 4 |

| | |
|---|---|
| AM PEAK HOUR | 12:00 PM |
| AM PEAK VOLUME | 5 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 26 | 2 | 0 | 2 | 0 | 0 | 30 |
| % OF TOTAL | 86.7% | 6.7% | 0.0% | 6.7% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS31 DWY1 south of Harmony Grove.WE.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 11 | 0 | 0 | 0 | 0 | 0 | 11 | TOTAL | 15 | 1 | 0 | 0 | 0 | 0 | 16 |

| | |
|---|---|
| AM PEAK HOUR | 7:00 AM |
| AM PEAK VOLUME | 4 |

| | |
|---|---|
| AM PEAK HOUR | 4:30 PM |
| AM PEAK VOLUME | 4 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 26 | 1 | 0 | 0 | 0 | 0 | 27 |
| % OF TOTAL | 96.3% | 3.7% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| TOTAL: ALL | 53 | 2 | 0 | 0 | 0 | 0 | 55 |
| % OF TOTAL | 96.4% | 3.6% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS31 DWY1 south of Harmony Grove.WE.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 6 | 0 | 0 | 0 | 0 | 0 | 6 | TOTAL | 21 | 1 | 0 | 0 | 0 | 0 | 22 |

| | |
|---|---|
| AM PEAK HOUR | 11:00 AM |
| AM PEAK VOLUME | 2 |

| | |
|---|---|
| AM PEAK HOUR | 3:15 PM |
| AM PEAK VOLUME | 5 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 27 | 1 | 0 | 0 | 0 | 0 | 28 |
| % OF TOTAL | 96.4% | 3.6% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023

JOB #: SC4085

CITY: San Diego

LOCATION: CLASS31 DWY1 south of Harmony Grove.WE.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 17 | 0 | 0 | 0 | 0 | 0 | 17 | TOTAL | 36 | 2 | 0 | 0 | 0 | 0 | 38 |

| | |
|---|---|
| AM PEAK HOUR | 7:00 AM |
| AM PEAK VOLUME | 5 |

| | |
|---|---|
| AM PEAK HOUR | 12:30 PM |
| AM PEAK VOLUME | 8 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 53 | 2 | 0 | 0 | 0 | 0 | 55 |
| % OF TOTAL | 96.4% | 3.6% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS32 DWY2 south of Harmony Grove.TU.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:15 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 0:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 3 | 0 | 0 | 10 | 0 | 0 | 13 | TOTAL | 5 | 2 | 1 | 1 | 0 | 0 | 9 |

| | |
|---|---|
| AM PEAK HOUR | 11:00 AM |
| AM PEAK VOLUME | 4 |

| | |
|---|---|
| AM PEAK HOUR | 12:15 PM |
| AM PEAK VOLUME | 5 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 8 | 2 | 1 | 11 | 0 | 0 | 22 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 36.4% | 9.1% | 4.5% | 50.0% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 17 | 5 | 2 | 20 | 0 | 0 | 44 |
| CLASS 6 | Buses | % OF TOTAL | 38.6% | 11.4% | 4.5% | 45.5% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS32 DWY2 south of Harmony Grove.TU.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 2 | 1 | 0 | 1 | 0 | 0 | 4 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 5 | 1 | 0 | 8 | 0 | 0 | 14 | TOTAL | 4 | 2 | 1 | 1 | 0 | 0 | 8 |

| | |
|---|---|
| AM PEAK HOUR | 9:15 AM |
| AM PEAK VOLUME | 5 |

| | |
|---|---|
| AM PEAK HOUR | 12:15 PM |
| AM PEAK VOLUME | 5 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 9 | 3 | 1 | 9 | 0 | 0 | 22 |
| % OF TOTAL | 40.9% | 13.6% | 4.5% | 40.9% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, June 13, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS32 DWY2 south of Harmony Grove.TU.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:15 | 4 | 2 | 0 | 1 | 0 | 0 | 7 |
| 0:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:45 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 8 | 1 | 0 | 18 | 0 | 0 | 27 | TOTAL | 9 | 4 | 2 | 2 | 0 | 0 | 17 |

| | |
|---|---|
| AM PEAK HOUR | 9:15 AM |
| AM PEAK VOLUME | 7 |

| | |
|---|---|
| AM PEAK HOUR | 12:15 PM |
| AM PEAK VOLUME | 10 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 17 | 5 | 2 | 20 | 0 | 0 | 44 |
| % OF TOTAL | 38.6% | 11.4% | 4.5% | 45.5% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS32 DWY2 south of Harmony Grove.WE.

| AM TIME | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | IN 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 13:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 4 | 2 | 0 | 5 | 0 | 0 | 11 | TOTAL | 7 | 0 | 0 | 4 | 0 | 0 | 11 |

| | |
|---|---|
| AM PEAK HOUR | 9:15 AM |
| AM PEAK VOLUME | 4 |

| | |
|---|---|
| AM PEAK HOUR | 1:45 PM |
| AM PEAK VOLUME | 3 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 11 | 2 | 0 | 9 | 0 | 0 | 22 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 50.0% | 9.1% | 0.0% | 40.9% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 24 | 3 | 0 | 19 | 0 | 0 | 46 |
| CLASS 6 | Buses | % OF TOTAL | 52.2% | 6.5% | 0.0% | 41.3% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023
JOB #: SC4085

CITY: San Diego
LOCATION: CLASS32 DWY2 south of Harmony Grove.WE.

| AM TIME | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | OUT 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 6 | 0 | 0 | 8 | 0 | 0 | 14 | TOTAL | 7 | 1 | 0 | 2 | 0 | 0 | 10 |

| | |
|---|---|
| AM PEAK HOUR | 10:00 AM |
| AM PEAK VOLUME | 5 |

| | |
|---|---|
| AM PEAK HOUR | 3:00 PM |
| AM PEAK VOLUME | 3 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 13 | 1 | 0 | 10 | 0 | 0 | 24 |
| % OF TOTAL | 54.2% | 4.2% | 0.0% | 41.7% | 0.0% | 0.0% | 100.0% |

A13123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Wednesday, June 14, 2023 CITY: San Diego

JOB #: SC4085 LOCATION: CLASS32 DWY2 south of Harmony Grove.WE.

| AM | COMBINED | | | | | | | PM | COMBINED | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 13:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:30 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 0 | 1 | 0 | 2 | 0 | 0 | 3 | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 23:15 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 10 | 2 | 0 | 13 | 0 | 0 | 25 | TOTAL | 14 | 1 | 0 | 6 | 0 | 0 | 21 |

| | |
|---|---|
| AM PEAK HOUR | 9:45 AM |
| AM PEAK VOLUME | 8 |

| | |
|---|---|
| AM PEAK HOUR | 12:15 PM |
| AM PEAK VOLUME | 6 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

| | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 24 | 3 | 0 | 19 | 0 | 0 | 46 |
| % OF TOTAL | 52.2% | 6.5% | 0.0% | 41.3% | 0.0% | 0.0% | 100.0% |

Tuesday, June 13, 2023 | CITY: San Diego | PROJECT: SC4085

**PB_31 DWY1 south of Harmony Grove.** | **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | | | BIKES | | | | | | PEDS | | | | BIKES | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | | OUT | | IN | | OUT | | | PM Period | IN | | OUT | | IN | | OUT | | |
| 0:00 | 0 | | 0 | | 0 | | 0 | | | 12:00 | 0 | | 0 | | 0 | | 0 | | |
| 0:15 | 0 | | 0 | | 0 | | 0 | | | 12:15 | 0 | | 0 | | 0 | | 0 | | |
| 0:30 | 0 | | 0 | | 0 | | 0 | | | 12:30 | 0 | | 0 | | 0 | | 0 | | |
| 0:45 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1:00 | 1 | | 1 | | 0 | | 0 | | | 13:00 | 1 | | 0 | | 0 | | 0 | | |
| 1:15 | 0 | | 0 | | 0 | | 0 | | | 13:15 | 0 | | 2 | | 0 | | 0 | | |
| 1:30 | 0 | | 0 | | 0 | | 0 | | | 13:30 | 0 | | 0 | | 0 | | 0 | | |
| 1:45 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 13:45 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 3 |
| 2:00 | 0 | | 0 | | 0 | | 0 | | | 14:00 | 0 | | 0 | | 0 | | 0 | | |
| 2:15 | 0 | | 0 | | 0 | | 0 | | | 14:15 | 0 | | 0 | | 0 | | 0 | | |
| 2:30 | 0 | | 0 | | 0 | | 0 | | | 14:30 | 0 | | 0 | | 0 | | 0 | | |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3:00 | 0 | | 0 | | 0 | | 0 | | | 15:00 | 0 | | 0 | | 0 | | 0 | | |
| 3:15 | 0 | | 0 | | 0 | | 0 | | | 15:15 | 0 | | 0 | | 0 | | 0 | | |
| 3:30 | 0 | | 0 | | 0 | | 0 | | | 15:30 | 0 | | 0 | | 0 | | 0 | | |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4:00 | 0 | | 0 | | 0 | | 0 | | | 16:00 | 0 | | 0 | | 0 | | 0 | | |
| 4:15 | 0 | | 0 | | 0 | | 0 | | | 16:15 | 0 | | 0 | | 0 | | 0 | | |
| 4:30 | 0 | | 0 | | 0 | | 0 | | | 16:30 | 0 | | 0 | | 0 | | 0 | | |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5:00 | 0 | | 0 | | 0 | | 0 | | | 17:00 | 0 | | 0 | | 0 | | 0 | | |
| 5:15 | 0 | | 0 | | 0 | | 0 | | | 17:15 | 0 | | 0 | | 0 | | 0 | | |
| 5:30 | 0 | | 0 | | 0 | | 0 | | | 17:30 | 0 | | 0 | | 0 | | 0 | | |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6:00 | 0 | | 0 | | 0 | | 0 | | | 18:00 | 0 | | 0 | | 0 | | 0 | | |
| 6:15 | 0 | | 0 | | 0 | | 0 | | | 18:15 | 0 | | 0 | | 0 | | 0 | | |
| 6:30 | 0 | | 0 | | 0 | | 0 | | | 18:30 | 0 | | 0 | | 0 | | 0 | | |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7:00 | 0 | | 0 | | 0 | | 0 | | | 19:00 | 0 | | 0 | | 0 | | 0 | | |
| 7:15 | 0 | | 0 | | 0 | | 0 | | | 19:15 | 0 | | 0 | | 0 | | 0 | | |
| 7:30 | 0 | | 0 | | 0 | | 0 | | | 19:30 | 0 | | 0 | | 0 | | 0 | | |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8:00 | 0 | | 0 | | 0 | | 0 | | | 20:00 | 0 | | 0 | | 0 | | 0 | | |
| 8:15 | 0 | | 0 | | 0 | | 0 | | | 20:15 | 0 | | 0 | | 0 | | 0 | | |
| 8:30 | 0 | | 0 | | 0 | | 0 | | | 20:30 | 0 | | 0 | | 0 | | 0 | | |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9:00 | 0 | | 0 | | 0 | | 0 | | | 21:00 | 0 | | 0 | | 0 | | 0 | | |
| 9:15 | 0 | | 0 | | 0 | | 0 | | | 21:15 | 0 | | 0 | | 0 | | 0 | | |
| 9:30 | 0 | | 0 | | 0 | | 0 | | | 21:30 | 0 | | 0 | | 0 | | 0 | | |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10:00 | 0 | | 0 | | 0 | | 0 | | | 22:00 | 0 | | 0 | | 0 | | 0 | | |
| 10:15 | 0 | | 0 | | 0 | | 0 | | | 22:15 | 0 | | 0 | | 0 | | 0 | | |
| 10:30 | 0 | | 0 | | 0 | | 0 | | | 22:30 | 0 | | 0 | | 0 | | 0 | | |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11:00 | 1 | | 1 | | 0 | | 0 | | | 23:00 | 0 | | 0 | | 0 | | 0 | | |
| 11:15 | 0 | | 0 | | 0 | | 0 | | | 23:15 | 0 | | 0 | | 0 | | 0 | | |
| 11:30 | 0 | | 0 | | 0 | | 0 | | | 23:30 | 0 | | 0 | | 0 | | 0 | | |
| 11:45 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Vol. | | 2 | | 3 | | 0 | | 0 | 5 | | | 1 | | 2 | | 0 | | 0 | 3 |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 3 | 5 | 0 | 0 | 8 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 40.0% | 60.0% | 0.0% | 0.0% | 62.5% | 33.3% | 66.7% | 0.0% | 0.0% | 37.5% |
| Peak Hour | 0:15 | 0:15 | | | 0:15 | 12:15 | 12:30 | | | 12:30 |
| Volume | 1 | 2 | | | 3 | 1 | 2 | | | 3 |
| P.H.F. | 0.25 | 0.50 | | | 0.38 | | 0.25 | | | 0.38 |

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Wednesday, June 14, 2023 CITY: San Diego PROJECT: SC4085

**PB_31 DWY1 south of Harmony Grove.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | BIKES | | | | PEDS | | BIKES | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | OUT | IN | OUT | | | PM Period | IN | OUT | IN | OUT | |
| 0:00 | 0 | 0 | 0 | 0 | | | 12:00 | 0 | 0 | 0 | 0 | |
| 0:15 | 0 | 0 | 0 | 0 | | | 12:15 | 0 | 0 | 0 | 0 | |
| 0:30 | 0 | 0 | 0 | 0 | | | 12:30 | 0 | 0 | 0 | 0 | |
| 0:45 | 0 0 | 1 1 | 0 0 | 0 0 | 1 | | 12:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 1:00 | 0 | 0 | 0 | 0 | | | 13:00 | 0 | 0 | 0 | 0 | |
| 1:15 | 0 | 0 | 0 | 0 | | | 13:15 | 0 | 0 | 0 | 0 | |
| 1:30 | 0 | 0 | 1 | 0 | | | 13:30 | 0 | 0 | 0 | 0 | |
| 1:45 | 0 0 | 0 0 | 0 1 | 0 0 | 1 | | 13:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 2:00 | 0 | 0 | 0 | 0 | | | 14:00 | 0 | 0 | 0 | 0 | |
| 2:15 | 0 | 0 | 0 | 0 | | | 14:15 | 0 | 0 | 0 | 0 | |
| 2:30 | 1 | 0 | 0 | 0 | | | 14:30 | 0 | 0 | 0 | 0 | |
| 2:45 | 0 1 | 0 0 | 0 0 | 0 0 | 1 | | 14:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 3:00 | 0 | 0 | 0 | 0 | | | 15:00 | 0 | 0 | 0 | 0 | |
| 3:15 | 0 | 1 | 0 | 0 | | | 15:15 | 0 | 0 | 0 | 0 | |
| 3:30 | 0 | 0 | 0 | 0 | | | 15:30 | 0 | 0 | 0 | 0 | |
| 3:45 | 0 0 | 0 1 | 0 0 | 0 0 | 1 | | 15:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 4:00 | 0 | 0 | 0 | 0 | | | 16:00 | 0 | 0 | 0 | 0 | |
| 4:15 | 0 | 0 | 0 | 0 | | | 16:15 | 0 | 0 | 0 | 0 | |
| 4:30 | 1 | 0 | 1 | 0 | | | 16:30 | 0 | 0 | 0 | 0 | |
| 4:45 | 0 1 | 0 0 | 1 2 | 0 0 | 3 | | 16:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 5:00 | 0 | 0 | 0 | 0 | | | 17:00 | 0 | 0 | 0 | 0 | |
| 5:15 | 0 | 0 | 0 | 0 | | | 17:15 | 0 | 0 | 0 | 0 | |
| 5:30 | 0 | 0 | 0 | 0 | | | 17:30 | 1 | 4 | 0 | 0 | |
| 5:45 | 0 0 | 0 0 | 0 0 | 0 0 | | | 17:45 | 0 1 | 0 4 | 0 0 | 0 0 | 5 |
| 6:00 | 0 | 0 | 0 | 0 | | | 18:00 | 2 | 0 | 0 | 0 | |
| 6:15 | 0 | 0 | 0 | 0 | | | 18:15 | 1 | 0 | 0 | 0 | |
| 6:30 | 0 | 0 | 0 | 0 | | | 18:30 | 0 | 0 | 0 | 0 | |
| 6:45 | 0 0 | 0 0 | 0 0 | 0 0 | | | 18:45 | 1 4 | 0 0 | 0 0 | 0 0 | 4 |
| 7:00 | 0 | 1 | 0 | 0 | | | 19:00 | 0 | 0 | 0 | 0 | |
| 7:15 | 0 | 0 | 0 | 0 | | | 19:15 | 0 | 0 | 0 | 0 | |
| 7:30 | 1 | 0 | 0 | 0 | | | 19:30 | 0 | 0 | 0 | 0 | |
| 7:45 | 0 1 | 1 2 | 0 0 | 0 0 | 3 | | 19:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 8:00 | 0 | 0 | 0 | 0 | | | 20:00 | 0 | 0 | 0 | 1 | |
| 8:15 | 0 | 0 | 0 | 0 | | | 20:15 | 0 | 0 | 0 | 0 | |
| 8:30 | 0 | 0 | 0 | 0 | | | 20:30 | 0 | 0 | 0 | 0 | |
| 8:45 | 0 0 | 0 0 | 0 0 | 0 0 | | | 20:45 | 0 0 | 0 0 | 0 0 | 0 1 | 1 |
| 9:00 | 0 | 0 | 0 | 0 | | | 21:00 | 0 | 0 | 0 | 0 | |
| 9:15 | 0 | 0 | 0 | 0 | | | 21:15 | 0 | 0 | 0 | 0 | |
| 9:30 | 0 | 0 | 0 | 0 | | | 21:30 | 0 | 0 | 0 | 0 | |
| 9:45 | 0 0 | 1 1 | 0 0 | 0 0 | 1 | | 21:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 10:00 | 0 | 0 | 0 | 0 | | | 22:00 | 0 | 0 | 0 | 0 | |
| 10:15 | 0 | 0 | 0 | 0 | | | 22:15 | 0 | 0 | 0 | 0 | |
| 10:30 | 0 | 0 | 0 | 0 | | | 22:30 | 0 | 0 | 0 | 0 | |
| 10:45 | 0 0 | 0 0 | 0 0 | 0 0 | | | 22:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 11:00 | 0 | 0 | 0 | 0 | | | 23:00 | 0 | 0 | 0 | 0 | |
| 11:15 | 0 | 0 | 0 | 0 | | | 23:15 | 0 | 0 | 0 | 0 | |
| 11:30 | 0 | 1 | 0 | 0 | | | 23:30 | 0 | 0 | 0 | 0 | |
| 11:45 | 0 0 | 0 1 | 0 0 | 0 0 | 1 | | 23:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| Total Vol. | 3 | 6 | 3 | 0 | 12 | | | 5 | 4 | 0 | 1 | 10 |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 8 | 10 | 3 | 1 | 22 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 25.0% | 50.0% | 25.0% | 0.0% | 54.5% | 50.0% | 40.0% | 0.0% | 10.0% | 45.5% |
| Peak Hour | 1:45 | 7:00 | 4:00 | | 4:00 | 17:30 | 16:45 | | 19:15 | 17:30 |
| Volume | 1 | 2 | 2 | | 3 | 4 | 4 | | 1 | 8 |
| P.H.F. | 0.25 | 0.50 | 0.50 | | 0.38 | 0.63 | 0.25 | | 0.25 | 0.40 |

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Tuesday, June 13, 2023 | CITY: San Diego | PROJECT: SC4085

**PB_32 DWY2 south of Harmony Grove.** | **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | BIKES | | | PEDS | | BIKES | | |
|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | OUT | IN | OUT | | PM Period | IN | OUT | IN | OUT | |
| 0:00 | 0 | 0 | 0 | 0 | | 12:00 | 0 | 0 | 0 | 0 | |
| 0:15 | 0 | 0 | 0 | 0 | | 12:15 | 0 | 0 | 0 | 0 | |
| 0:30 | 0 | 0 | 0 | 0 | | 12:30 | 0 | 0 | 0 | 0 | |
| 0:45 | 1 1 | 0 0 | 0 0 | 0 0 | 1 | 12:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 1:00 | 0 | 0 | 0 | 0 | | 13:00 | 0 | 0 | 0 | 0 | |
| 1:15 | 0 | 0 | 0 | 0 | | 13:15 | 0 | 0 | 0 | 0 | |
| 1:30 | 0 | 0 | 0 | 0 | | 13:30 | 0 | 0 | 0 | 0 | |
| 1:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 13:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 2:00 | 0 | 0 | 0 | 1 | | 14:00 | 0 | 0 | 0 | 0 | |
| 2:15 | 2 | 2 | 0 | 0 | | 14:15 | 0 | 0 | 0 | 0 | |
| 2:30 | 0 | 0 | 0 | 0 | | 14:30 | 0 | 1 | 0 | 0 | |
| 2:45 | 0 2 | 0 2 | 0 0 | 0 1 | 5 | 14:45 | 0 0 | 0 1 | 0 0 | 0 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | | 15:00 | 0 | 0 | 0 | 0 | |
| 3:15 | 0 | 0 | 0 | 0 | | 15:15 | 0 | 0 | 0 | 0 | |
| 3:30 | 0 | 0 | 0 | 0 | | 15:30 | 0 | 0 | 0 | 0 | |
| 3:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 15:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 4:00 | 0 | 0 | 0 | 0 | | 16:00 | 0 | 0 | 0 | 0 | |
| 4:15 | 0 | 0 | 0 | 0 | | 16:15 | 0 | 0 | 0 | 0 | |
| 4:30 | 0 | 0 | 0 | 0 | | 16:30 | 0 | 0 | 0 | 0 | |
| 4:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 16:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 5:00 | 0 | 0 | 0 | 0 | | 17:00 | 0 | 0 | 0 | 0 | |
| 5:15 | 0 | 0 | 0 | 0 | | 17:15 | 0 | 0 | 0 | 0 | |
| 5:30 | 0 | 0 | 0 | 0 | | 17:30 | 0 | 0 | 1 | 0 | |
| 5:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 17:45 | 0 0 | 0 0 | 0 1 | 0 0 | 1 |
| 6:00 | 0 | 0 | 0 | 0 | | 18:00 | 0 | 0 | 0 | 0 | |
| 6:15 | 0 | 0 | 0 | 0 | | 18:15 | 0 | 0 | 0 | 0 | |
| 6:30 | 0 | 0 | 0 | 0 | | 18:30 | 0 | 0 | 0 | 0 | |
| 6:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 18:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 7:00 | 0 | 0 | 0 | 0 | | 19:00 | 0 | 0 | 0 | 0 | |
| 7:15 | 0 | 0 | 0 | 0 | | 19:15 | 0 | 0 | 0 | 0 | |
| 7:30 | 0 | 0 | 0 | 0 | | 19:30 | 1 | 0 | 0 | 0 | |
| 7:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 19:45 | 0 1 | 0 0 | 0 0 | 0 0 | 1 |
| 8:00 | 0 | 0 | 0 | 0 | | 20:00 | 0 | 0 | 0 | 0 | |
| 8:15 | 0 | 0 | 0 | 0 | | 20:15 | 0 | 0 | 0 | 0 | |
| 8:30 | 2 | 0 | 0 | 0 | | 20:30 | 0 | 0 | 0 | 2 | |
| 8:45 | 0 2 | 0 0 | 0 0 | 0 0 | 2 | 20:45 | 0 0 | 0 0 | 2 2 | 0 2 | 4 |
| 9:00 | 0 | 0 | 0 | 0 | | 21:00 | 0 | 0 | 0 | 0 | |
| 9:15 | 0 | 0 | 0 | 0 | | 21:15 | 0 | 0 | 0 | 0 | |
| 9:30 | 0 | 0 | 0 | 0 | | 21:30 | 0 | 0 | 0 | 0 | |
| 9:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 21:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 10:00 | 0 | 0 | 0 | 0 | | 22:00 | 0 | 0 | 0 | 0 | |
| 10:15 | 0 | 0 | 0 | 0 | | 22:15 | 0 | 0 | 0 | 0 | |
| 10:30 | 0 | 0 | 0 | 0 | | 22:30 | 0 | 1 | 0 | 0 | |
| 10:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 22:45 | 0 0 | 0 1 | 0 0 | 1 1 | 2 |
| 11:00 | 0 | 0 | 0 | 0 | | 23:00 | 0 | 0 | 0 | 0 | |
| 11:15 | 0 | 0 | 0 | 0 | | 23:15 | 0 | 0 | 0 | 0 | |
| 11:30 | 0 | 0 | 0 | 0 | | 23:30 | 0 | 0 | 0 | 0 | |
| 11:45 | 0 0 | 0 0 | 0 0 | 0 0 | | 23:45 | 0 0 | 0 0 | 0 0 | 0 0 | |
| Total Vol. | 5 | 2 | 0 | 1 | 8 | | 1 | 2 | 3 | 3 | 9 |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 6 | 4 | 3 | 4 | 17 |

| | AM | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 62.5% | 25.0% | 0.0% | 12.5% | 47.1% | 11.1% | 22.2% | 33.3% | 33.3% | 52.9% |
| Peak Hour | 1:30 | 1:30 | | 1:15 | 1:30 | 18:45 | 13:45 | 20:00 | 19:45 | 20:00 |
| Volume | 2 | 2 | | 1 | 5 | 1 | 1 | 2 | 2 | 4 |
| P.H.F. | 0.25 | 0.25 | | 0.25 | 0.31 | | 0.25 | 0.25 | 0.25 | 0.50 |

cs@aimtd.com Tell. 714 253 7888

Wednesday, June 14, 2023 CITY: San Diego PROJECT: SC4085

**PB_32 DWY2 south of Harmony Grove.** **Prepared by AimTD LLC tel. 714 253 7888**

| | PEDS | | | | BIKES | | | | | | PEDS | | | | BIKES | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AM Period | IN | | OUT | | IN | | OUT | | | | PM Period | IN | | OUT | | IN | | OUT | | | |
| 0:00 | 0 | | 0 | | 0 | | 0 | | | | 12:00 | 0 | | 0 | | 0 | | 0 | | | |
| 0:15 | 0 | | 0 | | 0 | | 0 | | | | 12:15 | 0 | | 0 | | 0 | | 0 | | | |
| 0:30 | 0 | | 0 | | 0 | | 0 | | | | 12:30 | 0 | | 0 | | 0 | | 0 | | | |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1:00 | 0 | | 0 | | 0 | | 0 | | | | 13:00 | 0 | | 0 | | 0 | | 0 | | | |
| 1:15 | 0 | | 0 | | 0 | | 0 | | | | 13:15 | 0 | | 0 | | 0 | | 0 | | | |
| 1:30 | 0 | | 0 | | 0 | | 1 | | | | 13:30 | 0 | | 0 | | 0 | | 0 | | | |
| 1:45 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2:00 | 0 | | 0 | | 0 | | 0 | | | | 14:00 | 0 | | 0 | | 0 | | 0 | | | |
| 2:15 | 0 | | 0 | | 0 | | 0 | | | | 14:15 | 0 | | 0 | | 0 | | 0 | | | |
| 2:30 | 0 | | 0 | | 0 | | 0 | | | | 14:30 | 0 | | 0 | | 0 | | 0 | | | |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 3:00 | 2 | | 0 | | 0 | | 1 | | | | 15:00 | 0 | | 0 | | 0 | | 0 | | | |
| 3:15 | 0 | | 0 | | 0 | | 0 | | | | 15:15 | 0 | | 0 | | 0 | | 0 | | | |
| 3:30 | 0 | | 0 | | 0 | | 0 | | | | 15:30 | 0 | | 2 | | 0 | | 0 | | | |
| 3:45 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | | 15:45 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | |
| 4:00 | 0 | | 0 | | 0 | | 0 | | | | 16:00 | 0 | | 0 | | 0 | | 0 | | | |
| 4:15 | 0 | | 0 | | 0 | | 0 | | | | 16:15 | 0 | | 0 | | 0 | | 0 | | | |
| 4:30 | 0 | | 0 | | 0 | | 0 | | | | 16:30 | 0 | | 0 | | 0 | | 0 | | | |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 5:00 | 0 | | 0 | | 0 | | 0 | | | | 17:00 | 0 | | 0 | | 0 | | 0 | | | |
| 5:15 | 0 | | 0 | | 0 | | 0 | | | | 17:15 | 0 | | 0 | | 0 | | 0 | | | |
| 5:30 | 0 | | 0 | | 0 | | 0 | | | | 17:30 | 0 | | 0 | | 0 | | 0 | | | |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 6:00 | 0 | | 0 | | 0 | | 0 | | | | 18:00 | 0 | | 0 | | 0 | | 0 | | | |
| 6:15 | 0 | | 0 | | 0 | | 0 | | | | 18:15 | 0 | | 0 | | 0 | | 0 | | | |
| 6:30 | 0 | | 0 | | 0 | | 0 | | | | 18:30 | 0 | | 0 | | 0 | | 0 | | | |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 18:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 7:00 | 0 | | 0 | | 0 | | 0 | | | | 19:00 | 0 | | 0 | | 0 | | 1 | | | |
| 7:15 | 0 | | 0 | | 0 | | 0 | | | | 19:15 | 0 | | 0 | | 0 | | 0 | | | |
| 7:30 | 0 | | 0 | | 0 | | 0 | | | | 19:30 | 0 | | 0 | | 0 | | 1 | | | |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| 8:00 | 0 | | 0 | | 0 | | 0 | | | | 20:00 | 0 | | 0 | | 1 | | 0 | | | |
| 8:15 | 0 | | 0 | | 0 | | 0 | | | | 20:15 | 0 | | 0 | | 0 | | 0 | | | |
| 8:30 | 0 | | 0 | | 0 | | 0 | | | | 20:30 | 0 | | 0 | | 0 | | 0 | | | |
| 8:45 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | 20:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | |
| 9:00 | 0 | | 0 | | 0 | | 0 | | | | 21:00 | 0 | | 1 | | 0 | | 0 | | | |
| 9:15 | 0 | | 0 | | 0 | | 0 | | | | 21:15 | 0 | | 0 | | 0 | | 0 | | | |
| 9:30 | 0 | | 0 | | 0 | | 0 | | | | 21:30 | 0 | | 0 | | 0 | | 0 | | | |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 21:45 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | |
| 10:00 | 0 | | 0 | | 0 | | 0 | | | | 22:00 | 0 | | 0 | | 0 | | 0 | | | |
| 10:15 | 0 | | 0 | | 0 | | 0 | | | | 22:15 | 0 | | 0 | | 0 | | 0 | | | |
| 10:30 | 0 | | 0 | | 0 | | 0 | | | | 22:30 | 0 | | 0 | | 0 | | 0 | | | |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 11:00 | 0 | | 0 | | 0 | | 0 | | | | 23:00 | 0 | | 0 | | 0 | | 0 | | | |
| 11:15 | 0 | | 0 | | 0 | | 0 | | | | 23:15 | 0 | | 0 | | 0 | | 0 | | | |
| 11:30 | 0 | | 0 | | 0 | | 0 | | | | 23:30 | 0 | | 0 | | 0 | | 0 | | | |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Total Vol. | 4 | | 0 | | 0 | | 3 | | 7 | | | 0 | | 3 | | 1 | | 2 | | 6 | |

| Daily Totals | | | | |
|---|---|---|---|---|
| IN | OUT | IN | OUT | Combined |
| 4 | 3 | 1 | 5 | 13 |

| | AM | | | | | | PM | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Split % | 57.1% | 0.0% | 0.0% | 42.9% | 53.8% | | 0.0% | 50.0% | 16.7% | 33.3% | 46.2% |
| Peak Hour | 2:15 | | | 1:00 | 1:00 | | | 14:45 | 19:15 | 18:45 | 14:45 |
| Volume | 2 | | | 2 | 3 | | | 2 | 1 | 2 | 2 |
| P.H.F. | 0.25 | | | 0.50 | 0.38 | | | 0.25 | 0.25 | 0.50 | 0.25 |

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# Attachment B

Cumulative Projects Information

**List of Cumulative Projects to be included in Near Term Analysis of Proposed Project**

| ID No. | City ID. | Project | Status | Address | Location | Landuse/Description |
|---|---|---|---|---|---|---|
| 1 | 25 | Southwest Signal Building | Pending entitlement | 10756 Rockvill Street | southest quadrant of Magnolia Avenue and Woodside Avenue | 20,000 SF industrial building |
| 2 | 23 | Lantern Crest Ridge II | Under construction | 11000 Sunset Trail | north of Sunset trail | 62-unit memory care facility |
| 3 | 38 | Habitat for Humanity Townhomes | Pending entitlement | 8932 First Street | Northwest quadrant of Magnolia Avenue and Woodside Avenue | 17 residential condominium units |
| 4 | 36 | Santee Auto Center | Pending entitlement | 10335 Mission Gorge Road | southeast quadrant of Cottonwood Avenue and Woodside Avenue | two-car dealerships, auto body shop, and car wash |
| 5 | 21 | Popeyes | Under construction | 10308 Mission Gorge Road | northeast quadrant of Cottonwood Avenue and Woodside Avenue | 1,740 SF drive-through restaurant |
| 6 | 39 | Super Star Car Wash | Pending entitlement | 8837 Magnolia Avenue | northeast quadrant of Magnolia Avenue and Rockwill Street | 4,980 sq. ft car wash tunnel |
| 7 | 20 | Extra Space Storage | Pending entitlement | 10815 Woodside Avenue | north of Woodside Avenue and Riderwood Terrace intersection | 88,390 sq ft (3-story) storage building |
| 8 | County/ PDS2022-TM-5023TE | Hillside Meadows/Parkside | To be confirmed | Lakeside 92040 | north and south of the western terminus of Mast Boulevard, east of the City of Santee, and south of El Nopal, | 143 residential units and two industrial lots |
| 9 | County/ EA 11-43118 | Riverford Interchange | Pending entitlement- The project anticipates delivering the Project Approval and Environmental Document (PA&ED) on 1/17/25 | SR-67 and Riverford Road | unincorporated area of San Diego County within the Community of Lakeside and a portion in the City of Santee | Consolidate three intersections into two roundabouts along Riverford Road on either side of the SR-67 |

# Attachment C

VMT Scoping Form

# Appendix A: CEQA Transportation Analysis Screening Form

## CEQA Transportation Analysis Screening

The Project Information Form (PIF) is to be completed by the applicant. The PIF is subject to change as new project information arises.

## General Project Information and Description

### Owner/Applicant Information

| | |
|---|---|
| Name: | William Jacobs |
| Address: | |
| Phone Number: | (626) 840-7570 |
| Email: | william.jacobs@northpalisade.com |

### Project Information

| | | | |
|---|---|---|---|
| Project Name: | Palisade Santee Commerce Center Project | | |
| Project Address: | 10990 N. Woodside Avenue | | |
| APN: | 381-070-5200 | | |
| Land Use Designation: | Light Industrial | Zoning Designation: | Light Industrial |

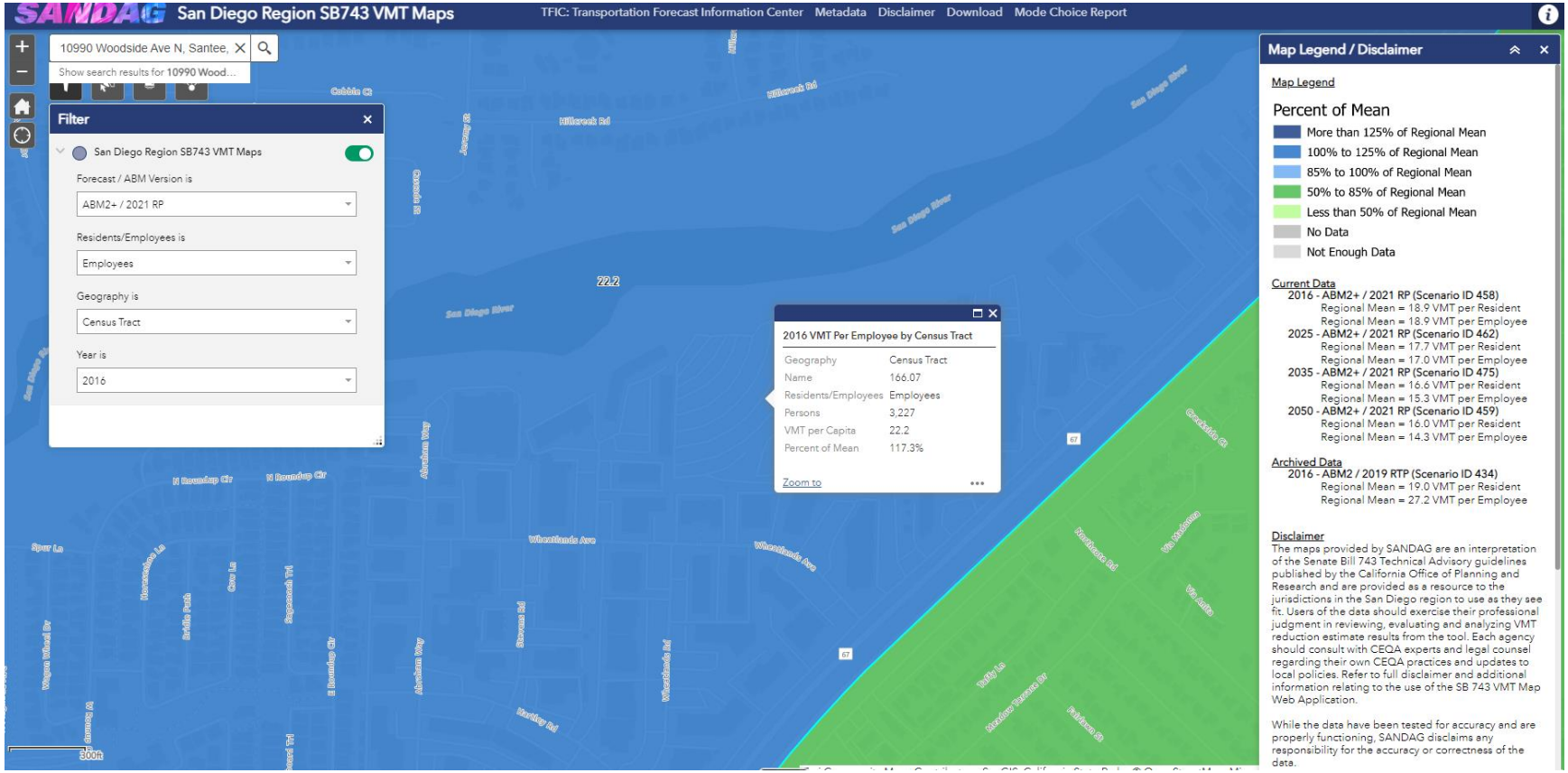
## CEQA Transportation Analysis Screening

To determine if your project is screened from VMT analysis, review the Project Type Screening and the Project Location Screening tables below. If no "Yes" is checked for any project type or land use applicable to your project, the project is not screened out and must complete VMT analysis in accordance with the analysis requirements outline in the City of Santee *SB 743 Guidelines*. Trip generation should be supported by a memo prepared by a traffic engineer.

### Project Type Screening

| | Screened Out | Not Screened Out |
|---|---|---|
| 1. Select the Screening Criteria that applies to your project<br>2. Answer the questions for each screening criteria that applies to your project *(if "Yes" is indicated in any land use category below, then that land use (or a portion of the land use) is screened from CEQA Transportation Analysis)*<br>*Note: All responses must be documented and supported by substantial evidence.* | Yes | No |
| ☐ **1. Project located in a transit accessible area**<br>a. Is the project in a transit priority area or within ½ mile of a stop along a high-quality transit corridor, and has the following project characteristics?<br>i. Has a Floor Area Ratio (FAR) of more than 0.75<br>ii. Includes no more than the minimum parking for use by residents, customers, or employees of the project than required by the jurisdiction<br>iii. Is consistent with the City of Santee General Plan<br>iv. Does not replace affordable residential units with moderate- or high-income residential units.<br>v. Have basic walking and biking access to transit | ☐ | ☐ No |
| ☐ **2. Small Project**<br>a. The project generates 500 or fewer net new daily vehicle trips | ☐ | ☐ No |

| | | | |
|---|---|---|---|
| ☐ | **3. Projects in VMT-Efficient area (Provide SANDAG screening map showing project location)**<br>a. Residential Projects: Is the project located in a VMT-efficient area (15% or more below the baseline citywide average) using the SANDAG screening maps for VMT/Capita?<br>b. Employment Projects: Is the project located in a VMT-efficient area (15% or more below the baseline citywide average) using the SANDAG screening maps for VMT/Employee?<br>c. Industrial Projects: Is the project located in a VMT-efficient area (at or below the baseline citywide average) using the SANDAG screening maps for VMT/Employee?<br>d. Mixed-use Projects: refer to the appropriate section for each land-use included as part of the mixed-use project | ☐ | ☐ No |
| ☐ | **4. Locally Serving Retail Projects**<br>a. Is the project less than 125 ksf and serving the local community?The City may request a market capture study that identifies local market capture to the City's satisfaction. (for Retail Projects above 50 ksf, market studies may be required to demonstrate that at least 75% of customers are local customers) | ☐ | ☐ No |
| ☐ | **5. Locally Serving Public Facility or Community Purpose Facility**<br>a. Is the project a public facility or Community Purpose Facility that serves the local community? (see section 2.3 of VMT analysis guidelines for a list of public facilities) | ☐ | ☐ No |
| ☐ Yes | **6. Redevelopment Project**<br>a. Is the proposed project's total project VMT less than the existing land use's total VMT? And the CEQA action includes closing the existing land use? | ☐ Yes | ☐ |
| ☐ | **7. Infill affordable housing**<br>a. Is the proposed project a deed restricted affordable housing project that meet the following criteria?<br>i. Is an infill project;<br>ii. Consists of a minimum of 52% affordable housing;<br>iii. Is within ½ mile radius of a transit stop or station; and<br>iv. Project provided parking does not exceed parking required by the City of Santee | ☐ | ☐ |


SANDAG San Diego Region SB743 VMT Maps
TFIC: Transportation Forecast Information Center
Metadata
Disclaimer
Download
Mode Choice Report
10990 Woodside Ave N, Santee,
Show search results for 10990 Wood...
Filter
San Diego Region SB743 VMT Maps
Forecast / ABM Version is
ABM2+ / 2021 RP
Residents/Employees is
Employees
Geography is
Census Tract
Year is
2016
22.2
2016 VMT Per Employee by Census Tract
Geography Census Tract
Name 166.07
Residents/Employees Employees
Persons 3,227
VMT per Capita 22.2
Percent of Mean 117.3%
Zoom to
Map Legend / Disclaimer
Map Legend
Percent of Mean
More than 125% of Regional Mean
100% to 125% of Regional Mean
85% to 100% of Regional Mean
50% to 85% of Regional Mean
Less than 50% of Regional Mean
No Data
Not Enough Data
Current Data
2016 - ABM2+ / 2021 RP (Scenario ID 458)
Regional Mean = 18.9 VMT per Resident
Regional Mean = 18.9 VMT per Employee
2025 - ABM2+ / 2021 RP (Scenario ID 462)
Regional Mean = 17.7 VMT per Resident
Regional Mean = 17.0 VMT per Employee
2035 - ABM2+ / 2021 RP (Scenario ID 475)
Regional Mean = 16.6 VMT per Resident
Regional Mean = 15.3 VMT per Employee
2050 - ABM2+ / 2021 RP (Scenario ID 459)
Regional Mean = 16.0 VMT per Resident
Regional Mean = 14.3 VMT per Employee
Archived Data
2016 - ABM2 / 2019 RTP (Scenario ID 434)
Regional Mean = 19.0 VMT per Resident
Regional Mean = 27.2 VMT per Employee
Disclaimer
The maps provided by SANDAG are an interpretation of the Senate Bill 743 Technical Advisory guidelines published by the California Office of Planning and Research and are provided as a resource to the jurisdictions in the San Diego region to use as they see fit. Users of the data should exercise their professional judgment in reviewing, evaluating and analyzing VMT reduction estimate results from the tool. Each agency should consult with CEQA experts and legal counsel regarding their own CEQA practices and updates to local policies. Refer to full disclaimer and additional information relating to the use of the SB 743 VMT Map Web Application.
While the data have been tested for accuracy and are properly functioning, SANDAG disclaims any responsibility for the accuracy or correctness of the data.
300ft

# Appendix B
VMT Mitigation Measures

FEHR & PEERS

# Trip Reduction Programs - T-7. Implement Commute Trip Reduction Marketing

| | |
|---|---|
| Locational Context | **Urban, Suburban** |
| Scale of Application | **Project/Site** |
| Type of VMT affected: | **Employee commute trips** |
| Max VMT reduction: | **4.00%** |

This measure will implement a marketing strategy to promote the project site employer's CTR program. Information sharing and marketing promote and educate employees about their travel choices to the employment location beyond driving such as carpooling, taking transit, walking, and biking, thereby reducing VMT and GHG emissions.

The following features (or similar alternatives) of the marketing strategy are essential for effectiveness.

- Onsite or online commuter information services.
- Employee transportation coordinators.
- Onsite or online transit pass sales.
- Guaranteed ride home service.

| | | | |
|---|---|---|---|
| **Percent of employees eligible for program** | 100.0% | **percent** | user input (default value = 0-1) |
| **Percent reduction in employee commute vehicle trips** | -4.0% | **percent** | constant (default value = -0.04) |
| **Adjustment from vehicle trips to VMT** | 1.000 | **unitless** | constant (default value = 1) |
| **Change in VMT** | **-4.00%** | **percent reduction** | |

Formula: % Change in VMT = Percent of employees eligible for program * Percent reduction in employee commute vehicle trips

Sources:

(1) Transportation Research Board (TRB). 2010. Traveler Response to Transportation System Changes Handbook, Third Edition: Chapter 19, Employer and Institutional TDM Strategies. June. Available: http://www.trb.org/Publications/Blurbs/163781.aspx. Accessed: January 2021.

FEHR & PEERS

# Trip Reduction Programs - T-8. Provide Ridesharing Program

| | |
|---|---|
| Locational Context | **Urban, Suburban** |
| Scale of Application | **Project/Site** |
| Type of VMT affected: | **Employee commute trips** |
| Max VMT reduction: | **8.00%** |

This measure will implement a ridesharing program and establish a permanent transportation management association with funding requirements for employers. Ridesharing encourages carpooled vehicle trips in place of single-occupied vehicle trips, thereby reducing the number of trips, VMT, and GHG emissions.

Ridesharing must be promoted through a multi-faceted approach.
Examples include the following.

- Designating a certain percentage of desirable parking spaces for ridesharing vehicles.
- Designating adequate passenger loading and unloading and waiting areas for ridesharing vehicles.
- Providing an app or website for coordinating rides.

| | | | |
|---|---|---|---|
| **Select the Place Type for the project.** | Suburban | | Appendix C. T-7.1 |
| **Percent of employees eligible for program** | 100.0% | **percent** | user input (default value = 0-1) |
| **Percent reduction in employee commute VMT** | -4.0% | **percent** | constant (default value = -0.04--0.08) |
| **Change in VMT** | **-4.00%** | **percent reduction** | |

Formula: % Change in VMT = Percent of employees eligible for program * Percent reduction in employee commute VMT

Sources:
(1) San Diego Association of Governments (SANDAG). 2019. Mobility Management VMT Reduction Calculator Tool–Design Document. June. Available: https://www.icommutesd.com/docs/defaultsource/planning/tool-design-document_final_7-17-19.pdf?sfvrsn=ec39eb3b_2. Accessed: January 2021.

FEHR & PEERS

# Trip Reduction Programs - T-9-B. Implement Subsidized or Discounted Transit Program - Work Trips Only

Locational Context **Urban, Suburban**
Scale of Application **Project/Site**
Type of VMT affected: **Employee commute trips**
Max VMT reduction: **5.50%**

This measure will provide subsidized or discounted, or free transit passes for employees. Reducing the out-of-pocket cost for choosing transit improves the competitiveness of transit against driving, increasing the total number of transit trips and decreasing vehicle trips. This decrease in vehicle trips results in reduced VMT and thus a reduction in GHG emissions. The project should be accessible either within 1 mile of high-quality transit service (rail or bus with headways of less than 15 minutes), 0.5 mile of local or less frequent transit service, or along a designated shuttle route providing last-mile connections to rail service. If a well-established bikeshare service (Measure T-22-A) is available, the site may be located up to 2 miles from a high-quality transit service.

| | | | |
|---|---|---|---|
| **Select the Core-Based Statistical Area for the project.** | San Diego-Carlsbad | | Appendix C. T-8.1 |
| **Average transit fare without subsidy** | $2.50 | dollar | user input (default value = 0-1000) |
| **Subsidy amount** | $2.50 | dollar | user input (default value = 0-1000) |
| **Percent of employees/residents eligible for subsidy** | 100.0% | percent | user input (default value = 0-1) |
| **Percent of project-generated VMT from employees/residents** | 72.5% | percent | user input (default value = 0-1) |
| **Transit mode share of all work trips** | 4.7% | percent | optional (default value = 0.0112-0.256) |
| **Elasticity of transit boardings with respect to transit fare price** | -0.430 | unitless | constant (default value = -0.43) |
| **Percent of transit trips that would otherwise be made in a vehicle** | 50.0% | percent | constant (default value = 0.5) |
| **Conversion factor of vehicle trips to VMT** | 1.000 | unitless | constant (default value = 1) |
| **Change in VMT** | **-0.74%** | **percent reduction** | |

Formula: % Change in VMT = ( Subsidy amount / Average transit fare without subsidy * Elasticity of transit boardings with respect to transit fare price ) * Percent of employees/residents eligible for subsidy * Percent of project-generated VMT from employees/residents * Transit mode share of all work trips * Percent of transit trips that would otherwise be made in a vehicle * Conversion factor of vehicle trips to VMT

Sources:

(1) Federal Highway Administration (FHWA). 2017. National Household Travel Survey – 2017 Table Designer. Travel Day PMT by TRPTRANS by HH_CBSA, Workers by WRKTRANS by HH_CBSA. Available: https://nhts.ornl.gov/. Accessed: January 2021.

(2) Handy, L., Boarnet, S. 2013. Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions. Available: http://www.arb.ca.gov/cc/sb375/policies/transitservice/transit_brief.pdf. Accessed: January 2021.

(3) Litman, T. 2020a. Transit Price Elasticities and Cross-elasticities. Victoria Transport Policy Institute. April. Available: https://www.vtpi.org/tranelas.pdf. Accessed: January 2021.

(4) Taylor, B., Miller, D., Iseki, H., & Fink, C. 2008. Nature and/or Nurture? Analyzing the Determinants of Transit Ridership Across US Urbanized Areas. Transportation Research Part A: Policy and Practice, 43(1), 60-77. Available: https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.367.5311&rep=rep1&type=pdf. Accessed: January 2021.

FEHR & PEERS

# Trip Reduction Programs - T-10. Provide End-of-Trip Bicycle Facilities

Locational Context **Urban, Suburban**
Scale of Application **Project/Site**
Type of VMT affected: **Employee commute trips**
Max VMT reduction: **4.40%**

This measure will install and maintain end-of-trip facilities for employee use. End-of-trip facilities include bike parking, bike lockers, showers, and personal lockers. The provision and maintenance of secure bike parking and related facilities encourages commuting by bicycle, thereby reducing VMT and GHG emissions.

| | | | |
|---|---|---|---|
| **Select the Core-Based Statistical Area for the project.** | San Diego-Carlsbad | | Appendix C. T-9.1 |
| **Bike mode adjustment factor** | 4.860 | **unitless** | constant (default value = 1.78-4.86) |
| **Existing bicycle trip length for all trips in region** | 2.0 | **mile** | optional (default value = 1.7-2.9) |
| **Existing vehicle trip length for all trips in region** | 19.1 | **mile** | optional (default value = 9.7-19.1) |
| **Existing bicycle mode share for work trips in region** | 1.3% | **percent** | optional (default value = 0.004-0.041) |
| **Existing vehicle mode share for work trips in region** | 91.8% | **percent** | optional (default value = 0.671-0.953) |
| **Change in VMT** | -0.57% | **percent reduction** | |

Formula: % Change in VMT = ( Existing bicycle trip length for all trips in region * ( Existing bicycle mode share for work trips in region - ( Bike mode adjustment factor * Existing bicycle mode share for work trips in region ))) / ( Existing vehicle trip length for all trips in region * Existing vehicle mode share for work trips in region )

Sources:

(1) Buehler, R. 2012. Determinants of bicycle commuting in the Washington, DC region: The role bicycle parking, cyclist showers, and free car parking at work. Transportation Research Part D, 17, 525– 531. Available: http://www.pedbikeinfo.org/cms/downloads/DeterminantsofBicycleCommuting.pdf. Accessed: January 2021.

(2) Federal Highway Administration (FHWA). 2017a. National Household Travel Survey – 2017 Table Designer. Travel Day PT by TRPTRANS by HH_CBSA. Available: https://nhts.ornl.gov/. Accessed: January 2021.

(3) Federal Highway Administration (FHWA). 2017b. National Household Travel Survey – 2017 Table Designer. Workers by WRKTRANS by HH_CBSA. Available: https://nhts.ornl.gov/. Accessed: January 2021.

FEHR PEERS

# Neighborhood Design - T-18. Provide Pedestrian Network Improvement

| | |
|---|---|
| Locational Context | **Urban, Suburban, Rural** |
| Scale of Application | **Plan/Community** |
| Type of VMT affected: | **Household trips** |
| Max VMT reduction: | **6.40%** |

This measure will increase the sidewalk coverage to improve pedestrian access. Providing sidewalks and an enhanced pedestrian network encourages people to walk instead of drive. This mode shift results in a reduction in VMT and GHG emissions. The 'study area' should be based on a 1 KM buffer around the area where the pedestrian network is being improved. The VMT reduction is limited to household VMT.

| | | | |
|---|---|---|---|
| **Existing sidewalk length in study area** | 0.4 | **mile** | user input (default value = 0-9999) |
| **Sidewalk length in study area with measure** | 0.6 | **mile** | user input (default value = 0-9999) |
| **Elasticity of VMT with respect to the ratio of sidewalks-to-streets** | -0.050 | **unitless** | constant (default value = -0.05) |
| **Change in VMT** | **-2.51%** | **percent reduction** | |

Formula: % Change in VMT = (( Sidewalk length in study area with measure / Existing sidewalk length in study area ) - 1) * Elasticity of VMT with respect to the ratio of sidewalks-to-streets

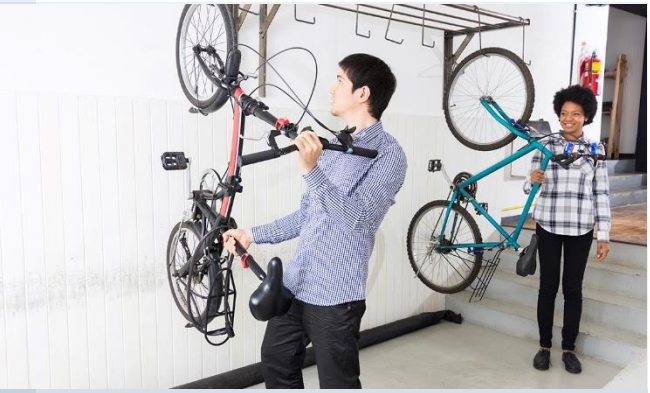
Sources:

(1) Federal Highway Administration (FHWA). 2019. 2017 National Household Travel Survey Popular Vehicle Trip Statistics. Available: https://nhts.ornl.gov/vehicle-trips. Accessed: January 2021.

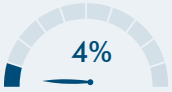
(2) Frank, L., M. Greenwald, S. Kavage, and A. Devlin. 2011. An Assessment of Urban Form and Pedestrian and Transit Improvements as an Integrated GHG Reduction Strategy. WSDOT Research Report WA-RD 765.1, Washington State Department of Transportation. April. Available: www.wsdot.wa.gov/research/reports/fullreports/765.1.pdf. Accessed: January 2021.

(3) Handy, S., S. Glan-Claudia, and M. Boarnet. 2014. Impacts of Pedestrian Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions: Policy Brief. September. Available: https://ww2.arb.ca.gov/sites/default/files/2020- 06/Impacts_of_Pedestrian_Strategies_on_Passenger_Vehicle_Use_and_Greenhouse_Gas_Emissions_Policy_Brief.pdf. Accessed: January 2021.

# T-5. Implement Commute Trip Reduction Program (Voluntary)



## GHG Mitigation Potential




Up to 4.0% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

CTR programs could result in less traffic, potentially reducing congestion or delays on major roads during peak AM and PM traffic periods. When this reduction occurs during extreme weather events, it better allows emergency responders to access a hazard site. Lower transportation costs would also increase community resilience by freeing up resources for other purposes.

## Health and Equity Considerations

Design of CTR programs need to ensure equitable access and benefits to all employees are provided considering disparate existing mobility options in diverse communities.

## Measure Description

This measure will implement a voluntary commute trip reduction (CTR) program with employers. CTR programs discourage single-occupancy vehicle trips and encourage alternative modes of transportation such as carpooling, taking transit, walking, and biking, thereby reducing VMT and GHG emissions. Voluntary implementation elements are described in this measure.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

Voluntary CTR programs must include the following elements to apply the VMT reductions reported in literature.

- Employer-provided services, infrastructure, and incentives for alternative modes such as ridesharing (Measure T-8), discounted transit (Measure T-9), bicycling (Measure T-10), vanpool (Measure T-11), and guaranteed ride home.
- Information, coordination, and marketing for said services, infrastructure, and incentives (Measure T-7).

## Cost Considerations

Employer costs may include recurring costs for transit subsidies, capital and maintenance costs for the alternative transportation infrastructure, and labor costs for staff to manage the program. Where the local municipality has a VMT reduction ordinance, costs may include the labor costs for government staff to track the efficacy of the program.

## Expanded Mitigation Options

Other strategies may also be included as part of a voluntary CTR program, though they are not included in the VMT reductions reported by literature and thus are not incorporated in the VMT reductions for this measure.

This program typically serves as a complement to the more effective workplace CTR measures such as pricing workplace parking (Measure T-12) or implementing employee parking "cash-out" (Measure T-13).

## GHG Reduction Formula

$A = B \times C$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from project/site employee commute VMT | 0–4.0 | % | calculated |
| **User Inputs** | | | | |
| **B** | Percent of employees eligible for program | 0–100 | % | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| C | Percent reduction in commute VMT from eligible employees | -4 | % | Boarnet et al. 2014 |

Further explanation of key variables:

- (B) – This refers to the percent of employees that would be able to participate in the program. Employees who might not be able to participate could include those who work nighttime hours when transit and rideshare services are not available or employees who are required to drive to work as part of their job duties. This input does not refer to the percent of employees who participate in the program.
- (C) – A policy brief summarizing the results of employer-based trip reduction studies concluded that these programs reduce total commute VMT for employees at participating work sites by 4 to 6 percent (Boarnet et al. 2014). To be conservative, the low end of the range is cited.

## GHG Calculation Caps or Maximums

### *Measure Maximum*

($A_{max}$) The maximum GHG reduction from this measure is 4 percent. This maximum scenario is presented in the below example quantification.

### *Subsector Maximum*

($\sum A_{max_{\text{T-5 through T-13}}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

### *Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for Measure T-6, which represents the same implementation activities as Measure T-5, except that the CTR program would be mandatory. Users should select either Measure T-5 or T-6.

If this measure is selected, the user may not also take credit for Measures T-7 through T-11. Measure T-5 accounts for the combined GHG reductions achieved by each of these individual measures. To combine the GHG reductions from T-5 with any of these measures would be considered double counting. However, the user may take credit for Measures T-12 through T-13 within the larger CTR subcategory, so long as the combined VMT reduction does not exceed 45 percent, as noted above.

## Example GHG Reduction Quantification

The user reduces employee commute VMT by requiring that employers of a project offer a voluntary commute trip reduction program to their employees. In this example, the percent of employees eligible (B) is 100 percent, which would reduce GHG emissions from employee commute VMT by 4 percent.

$$A = 100\% \times -4\% = -4\%$$

## Quantified Co-Benefits

### *Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

### *Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

### *VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

### Sources


- Boarnet, M., H. Hsu, and S. Handy. 2014. *Impacts of Employer-Based Trip Reduction Programs and Vanpools on Passenger Vehicle Use and Greenhouse Gas Emissions*. September. Available: https://ww2.arb.ca.gov/sites/default/files/2020-06/Impacts_of_Employer-Based_Trip_Reduction_Programs_and_Vanpools_on_Passenger_Vehicle_Use_and_Greenhouse_Gas_Emissions_Policy_Brief.pdf. Accessed: January 2021.

# T-6. Implement Commute Trip Reduction Program (Mandatory Implementation and Monitoring)

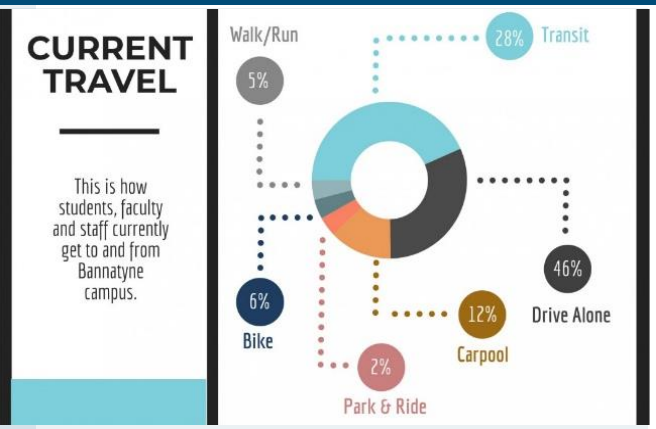



Photo Credit: University of Manitoba, 2018

## GHG Mitigation Potential




Up to 26.0% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)



## Climate Resilience

Commute trip reduction programs could result in less traffic, potentially reducing congestion or delays on major roads during peak AM and PM traffic periods. When this reduction occurs during extreme weather events, it better allows emergency responders to access a hazard site. Lower transportation costs would also increase community resilience by freeing up resources for other purposes.

## Health and Equity Considerations

Design of CTR programs needs to consider existing mobility options in diverse communities and ensure equitable access and benefit to all employees.

## Measure Description

This measure will implement a mandatory CTR program with employers. CTR programs discourage single-occupancy vehicle trips and encourage alternative modes of transportation such as carpooling, taking transit, walking, and biking, thereby reducing VMT and GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

The mandatory CTR program must include all other elements (i.e., Measures T-7 through T-11) described for the voluntary program (Measure T-5) plus include mandatory trip reduction requirements (including penalties for non-compliance) and regular monitoring and reporting to ensure the calculated VMT reduction matches the observed VMT reduction.

## Cost Considerations

Employer costs may include recurring, direct costs for transit subsidies, capital and maintenance costs for alternative transportation infrastructure, and labor costs for staff to manage the program. If the local municipality has a mandatory VMT reduction ordinance, additional employer costs could include non-compliance penalties if the municipality fines CTR programs that do not meet a VMT goal. Municipal costs may include the labor costs for government staff to track the efficacy of the program, which may be outweighed by revenue generated from fines collected from non-compliant businesses.

## Expanded Mitigation Options

This program typically serves as a complement to the more effective workplace CTR measures, such as pricing workplace parking (Measure T-12) or implementing employee parking "cash-out" (Measure T-13).

## GHG Reduction Formula

$A = B \times C \times D$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from project/site employee commute VMT | 0–26.0 | % | calculated |
| **User Inputs** | | | | |
| **B** | Percent of employees eligible for program | 0–100 | % | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| C | Percent reduction in vehicle mode share of employee commute trips | -26 | % | Nelson\Nygaard Consulting Associates 2015 |
| D | Adjustment from vehicle mode share to commute VMT | 1 | unitless | assumed |

Further explanation of key variables:

- (B) – This refers to the percent of employees that would be able to participate in the program. This will usually be 100 percent. Employees who might not be able to participate could include those who work nighttime hours when transit and rideshare services are not available or employees who are required to drive to work as part of their job duties. This input does not refer to the percent of employees who participate in the program.
- (C) – A multiyear study of mode share on Genentech's South San Francisco campuses tracked the long-run change in employee commute mode share with implementation of mandatory CTR. Between 2006 and 2014, employee vehicle mode share (includes single-occupied vehicles and carpools) decreased from approximately 90 percent to 64 percent, which is a 26 percent reduction (Nelson\Nygaard Consulting Associates 2015).
- (D) – The adjustment factor from vehicle mode share to commute VMT is 1. This assumes that all vehicle trips will average out to typical trip length. Thus, it can be assumed that a percentage reduction in vehicle trips will equal the same percentage reduction in VMT.

## GHG Calculation Caps or Maximums

### *Measure Maximum*

($A_{max}$) The maximum GHG reduction from this measure is 26 percent. This maximum scenario is presented in the below example quantification.

### *Subsector Maximum*

($\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

*Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for Measure T-5, which represents the same implementation activities as Measure T-5, except that the CTR program would be mandatory. Users should select either Measure T-5 or T-6.

If this measure is selected, the user may not also take credit for Measures T-7 through T-11. Measure T-6 accounts for the combined GHG reductions achieved by each of these individual measures. To combine the GHG reductions from T-6 with any of these measures would be considered double counting. However, the user may take credit for Measure T-12 and T-13 within the larger CTR subcategory, so long as the combined VMT reduction does not exceed 45 percent, as noted above.

## Example GHG Reduction Quantification

The user reduces employee commute VMT by requiring that the employer of the proposed project offer a mandatory CTR program to their employees. In this example, the percent of employees eligible (B) is 100 percent, which would reduce GHG emissions from employee commute VMT by 26 percent.

$$A = 100\% \times -26\% \times 1 = -26\%$$

## Quantified Co-Benefits

*Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

*Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

*VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

### Sources

- Nelson/Nygaard Consulting Associates. 2015. *Genentech–South San Francisco Campus TDM and Parking Report*. June. Available: http://ci-ssf-ca.granicus.com/MetaViewer.php?view_id=2&clip_id=859&meta_id=62028. Accessed: January 2021.

# T-7. Implement Commute Trip Reduction Marketing




Photo Credit: Sacramento Area Council of Governments, 2012

## GHG Mitigation Potential




Up to 4.0% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

Commute trip reduction programs could result in less traffic, potentially reducing congestion or delays on major roads during peak AM and PM traffic periods. When this reduction occurs during extreme weather events, it better allows emergency responders to access a hazard site. Lower transportation costs would also increase community resilience by freeing up resources for other purposes.

## Health and Equity Considerations

Design of CTR programs needs to consider existing mobility options in diverse communities and ensure equitable access and benefit to all employees. CTR programs may need to include multi-language materials.

## Measure Description

This measure will implement a marketing strategy to promote the project site employer's CTR program. Information sharing and marketing promote and educate employees about their travel choices to the employment location beyond driving such as carpooling, taking transit, walking, and biking, thereby reducing VMT and GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

The following features (or similar alternatives) of the marketing strategy are essential for effectiveness.

- Onsite or online commuter information services.
- Employee transportation coordinators.
- Onsite or online transit pass sales.
- Guaranteed ride home service.

## Cost Considerations

Employer costs include labor and materials for development and distribution of survey and marketing materials to promote the program and educate potential participants.

## Expanded Mitigation Options

This measure could be packaged with other commute trip reduction measures (Measures T-8 through T-13) as a comprehensive CTR program (Measure T-5 or T-6).

## GHG Reduction Formula

$A = B \times C \times D$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from project/site employee commute VMT | 0–4.0 | % | calculated |
| **User Inputs** | | | | |
| **B** | Percent of employees eligible for program | 0–100 | % | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| C | Percent reduction in employee commute vehicle trips | -4 | % | TRB 2010 |
| D | Adjustment from vehicle trips to VMT | 1 | unitless | assumed |

Further explanation of key variables:

- (B) – This refers to the percent of employees that would be able to participate in the program. This will usually be 100 percent. Employees who might not be able to participate could include those who work nighttime hours when transit and rideshare services are not available or employees who are required to drive to work as part of their job duties. This input does not refer to the percent of employees who actually participate in the program.
- (C) – A review of studies measuring the effect of transportation demand management measures on traveler behavior notes that the average empirically-based estimate of reductions in vehicle trips for full-scale, site-specific employer support programs is 4 to 5 percent. To be conservative, the low end of the range is cited (TRB 2010).
- (D) – The adjustment factor from vehicle trips to VMT is 1. This assumes that all vehicle trips will average out to typical trip length ("assumes all trip lengths are equal"). Thus, it can be assumed that a percentage reduction in vehicle trips will equal the same percentage reduction in VMT.

## GHG Calculation Caps or Maximums

*Measure Maximum*

($A_{max}$) The maximum GHG reduction from this measure is 4 percent. This maximum scenario is presented in the below example quantification.

*Subsector Maximum*

($\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

*Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for either Measure T-5 or T-6. However, this measure may be implemented alongside other individual CTR measures (Measures T-8 through T-13). The efficacy of individual programs may vary highly based on individual employers and local contexts.

## Example GHG Reduction Quantification

The user reduces employee commute VMT by requiring that employers of a project market to employees travel options for modes alternative to single-occupied vehicles. In this example, the percent of employees eligible (B) is 100 percent, which would reduce GHG emissions from employee commute VMT by 4 percent.

$$A = 100\% \times -4\% \times 1 = -4\%$$

## Quantified Co-Benefits

*Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

*Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

*VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

### Sources


- Transportation Research Board (TRB). 2010. *Traveler Response to Transportation System Changes Handbook, Third Edition: Chapter 19, Employer and Institutional TDM Strategies*. June. Available: http://www.trb.org/Publications/Blurbs/163781.aspx. Accessed: January 2021.

# T-8. Provide Ridesharing Program



## GHG Mitigation Potential




Up to 8.0% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

Ridesharing programs could result in less traffic, potentially reducing congestion or delays on major roads during peak AM and PM traffic periods. When this reduction occurs during extreme weather events, it better allows emergency responders to access a hazard site. Lower transportation costs would also increase community resilience by freeing up resources for other purposes.

## Health and Equity Considerations

Program should include all onsite workers, such as contractors, interns, and service workers. Because ridesharing is vehicle-based, and some employees may not be in areas with feasible rideshare networks, design of programs need to ensure equitable benefits to those with and without access to rideshare opportunities.

## Measure Description

This measure will implement a ridesharing program and establish a permanent transportation management association with funding requirements for employers. Ridesharing encourages carpooled vehicle trips in place of single-occupied vehicle trips, thereby reducing the number of trips, VMT, and GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

Ridesharing must be promoted through a multifaceted approach. Examples include the following.

- Designating a certain percentage of desirable parking spaces for ridesharing vehicles.
- Designating adequate passenger loading and unloading and waiting areas for ridesharing vehicles.
- Providing an app or website for coordinating rides.

## Cost Considerations

Costs of developing, implementing, and maintaining a rideshare program in a way that encourages participation are generally borne by municipalities or employers. The beneficiaries include the program participants saving on commuting costs, the employer reducing onsite parking expenses, and the municipality reducing cars on the road, which leads to lower infrastructure and roadway maintenance costs.

## Expanded Mitigation Options

When providing a ridesharing program, a best practice is to establish funding by a non-revocable funding mechanism for employer-provided subsidies. In addition, encourage use of low-emission ridesharing vehicles (e.g., shared Uber Green).

This measure could be paired with any combination of the other commute trip reduction strategies (Measures T-7 through T-13) for increased reductions.

## GHG Reduction Formula

$A = B \times C$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from project/site employee commute VMT | 0–8.0 | % | calculated |
| **User Inputs** | | | | |
| **B** | Percent of employees eligible for program | 0–100 | % | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| C | Percent reduction in employee commute VMT | Table T-8.1 | % | SANDAG 2019 |

Further explanation of key variables:

- (B) – This refers to the percent of employees that would be able to participate in the program. This will usually be 100 percent. Employees who might not be able to participate could include those who work nighttime hours when transit and rideshare services are not available or employees who are required to drive to work as part of their job duties. This input does not refer to the percent of employees who actually participate in the program.
- (C) – The percent reduction in employee commute VMT by place type is provided in Table T-8.1 in Appendix C. The reduction differs by place type because the willingness and ability to participate in carpooling is higher in urban areas than in suburban areas. Note that this measure is not applicable for implementation in rural areas (SANDAG 2019).

## GHG Calculation Caps or Maximums

### *Measure Maximum*

($A_{max}$) The maximum GHG reduction from this measure is 8 percent.

### *Subsector Maximum*

($\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

### *Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for either Measure T-5 or T-6. However, this measure may be implemented alongside other individual CTR measures (Measures T-7 and T-9 through T-13). The efficacy of individual programs may vary highly based on individual employers and local contexts.

## Example GHG Reduction Quantification

The user reduces employee commute VMT by requiring that employers of a project provide a ridesharing program to their employees. In this example, the percent of employees eligible (B) at a packaging and distribution center is 50 percent and the place type of the project is urban (C). GHG emissions from employee commute VMT would be reduced by 4 percent.

$A = 50\% \times -8\% = -4\%$

## Quantified Co-Benefits

*Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

*Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

*VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

### Sources


- San Diego Association of Governments (SANDAG). 2019. *Mobility Management VMT Reduction Calculator Tool–Design Document*. June. Available: https://www.icommutesd.com/docs/default-source/planning/tool-design-document_final_7-17-19.pdf?sfvrsn=ec39eb3b_2. Accessed: January 2021.

# T-9. Implement Subsidized or Discounted Transit Program



## GHG Mitigation Potential




Up to 5.5% of emissions from employee/resident vehicles accessing the site

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

Subsidized and discounted transit programs increase the capacity of low-income populations to use transit to evacuate or access resources during an extreme weather event. They could also incentivize more people to use transit, resulting in less traffic and better allowing emergency responders to access a hazard site during an extreme weather event. Lower overall out-of-pocket costs would also help increase community resilience by freeing up resources for other purposes.

## Health and Equity Considerations

Program should include all onsite workers, such as contractors, interns, and service workers.

## Measure Description

This measure will provide subsidized or discounted, or free transit passes for employees and/or residents. Reducing the out-of-pocket cost for choosing transit improves the competitiveness of transit against driving, increasing the total number of transit trips and decreasing vehicle trips. This decrease in vehicle trips results in reduced VMT and thus a reduction in GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

The project should be accessible either within 1 mile of high-quality transit service (rail or bus with headways of less than 15 minutes), 0.5 mile of local or less frequent transit service, or along a designated shuttle route providing last-mile connections to rail service. If a well-established bikeshare service (Measure T-22-A) is available, the site may be located up to 2 miles from a high-quality transit service.

If more than one transit agency serves the site, subsidies should be provided that can be applied to each of the services available. If subsidies are applied for only one service, all variable inputs below should also pertain only to the service that is subsidized.

## Cost Considerations

The employer cost is the recurring, direct cost for transit subsidies. The subsidies will lower the per capita income of the transit service, decreasing the revenue of the local transit agency. This cost may be offset by increased revenue from increased ridership. The beneficiaries include the program participants saving on commuting cost, the employer reducing onsite parking expenses, and the municipality reducing cars on the road, which leads to lower infrastructure and roadway maintenance costs.

## Expanded Mitigation Options

This measure could be paired with any combination of the other commute trip reduction strategies (Measures T-7 through T-13) for increased reductions.

## GHG Reduction Formula

$$A = \frac{C}{B} \times G \times D \times E \times F \times H \times I$$

## GHG Calculation Variables

If subsidies or discounts target employees, the GHG reduction from this measure may be limited to work-related employee trips only (i.e., home-to- work) and work-to-other, where at least one trip end is work). If residents are targeted, the GHG reductions extend to all trips.

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from employee/resident vehicles accessing the site | 0–5.5 | % | calculated |
| **User Inputs** | | | | |
| **B** | Average transit fare without subsidy | [ ] | $ | user input |
| **C** | Subsidy amount | [ ] | $ | user input |
| **D** | Percent of employees/residents eligible for subsidy | 0–100 | % | user input |
| **E** | Percent of project-generated VMT from employees/residents | 0–100 | % | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| F | Transit mode share of all trips or work trips | Table T-3.1 or Table T-9.1 | % | FHWA 2017 |
| G | Elasticity of transit boardings with respect to transit fare price | -0.43 | unitless | Taylor et al. 2008 |
| H | Percent of transit trips that would otherwise be made in a vehicle | 50 | % | Handy & Boarnet 2013 |
| I | Conversion factor of vehicle trips to VMT | 1.0 | unitless | assumption |

Further explanation of key variables:

- (B and C) – The average transit fare and subsidy amount can be presented as either a fare per ride, or the cost of a monthly pass for typical transit service near the site. Pricing should be based on the expected means of subsidy implementation; for instance, if a monthly pass is provided to all residents, prices should be input on a monthly basis.
- (D) – The percentage of employees/residents associated with the site who have access to the subsidy. If subsidy is provided as an employee benefit, care should be taken to account for any contract or temporary workers who do not receive such benefits.
- (E) – The percentage of project-generated VMT from employees/residents is used to adjust the percent reduction in GHG emissions from the scale of employee and/or resident-generated VMT to project-generated VMT. If subsidies or discounts target employees at an office development, this value would simply be 100 percent. If the project site is a multifamily development with no onsite workers, this value would also be

100 percent. If the project site is a retail development, this value would be less than 100 percent, as it does not account for retail shopper trips to the site. The share of total VMT generated by employees for visitor-intensive uses, such as retail or medical offices, can be roughly estimated by multiplying the total number of employees by two (to account for both arrival and departure), divided by the total number of daily trips.

- (F) – Ideally, the user will calculate transit mode share for work trips or all trips of a Project/Site at a scale no larger than a census tract. Potential data sources include the U.S. Census, California Household Travel Survey (preferred), or local survey efforts. Care should be taken *not* to present the reported commute mode share as retrieved from the American Community Survey (ACS), unless the land use is office or employment based and the tables are based on work location (rather than home location). If the subsidies or discounts target employees and their commute trips, then the mode share should use the home-to-work trip purpose. If the user is not able to provide a project-specific value using one of the data sources described above, they have the option to input the transit mode share for one of the six most populated CBSAs in California. The transit mode share for work trips by CBSA is presented in Table T-9.1 in Appendix C (FHWA 2017). The transit mode share for all trips is provided in Table T-3.1 in Appendix C.
- (G) – A cross-sectional analysis of transit use in 265 urbanized areas in the U.S. found that a 0.43 percent decrease in transit boardings occurs for every 1 percent increase in transit fare price (Taylor et al. 2008). A policy brief summarizing the results of transit service strategies found this analysis to fall in the mid-point of observed, short-term values (Handy & Boarnet 2013). Price elasticities of transit demand vary based on both long-term and short-term demand, service type, and service location (Litman 2020 and Handy & Boarnet 2013).
- (H) – Not all new transit trips replace a vehicle trip. The share of transit trips that would otherwise be made by private vehicle ranges from less than 5 percent to 50 percent across studies. This assumption is based on observed values for high quality BRT service under the assumption that this measure is implemented alongside marketing measures and is targeted primarily at reducing vehicle commute trips. (Handy & Boarnet 2013). Note that this study looked at service improvements rather than fare changes and is used as a proxy variable. If project-specific or location-specific information is available, it should be substituted for this assumptive variable.
- (I) – The adjustment factor from vehicle trips to VMT is 1. This assumes that all vehicle trips will average out to typical trip length ("assumes all trip lengths are equal"). Thus, it can be assumed that a percentage reduction in vehicle trips will equal the same percentage reduction in VMT. Subsidies or discounts targeting commute trips may have a higher factor as they are generally longer than the trip lengths for other purposes.

## GHG Calculation Caps or Maximums

*Measure Maximum*

($A_{max}$) The GHG reduction is capped at 5.5 percent, which is based on the following assumptions:

- (C=B) – The subsidy coverage is capped at 100 percent of the typical transit fare.
- (D) – All employees are eligible for the subsidy.

- (E) – All project-generated VMT is from employee-generated VMT.
- (F) – Employees at an office development in the San Francisco-Oakland-Hayward CBSA have a default transit mode share for work trips of 25.60 percent.

*Subsector Maximum*

$(\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%)$ This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

*Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for either Measure T-5 or T-6. However, this measure may be implemented alongside other individual CTR measures (Measures T-7, T-8, T-10 through T-13). The efficacy of individual programs may vary highly based on individual employers and local contexts.

## Example GHG Reduction Quantification

In this example, the user reduces VMT by providing all employees (D) of a proposed office development in the San Francisco-Oakland-Hayward CBSA a 100 percent transit subsidy in the form of a $100 monthly transit pass (C=B). The user would reduce GHG emissions from VMT by 5.5 percent.

$$A = \left(\frac{\$100}{\$100} \times -0.43\right) \times 100\% \times 100\% \times 25.60\% \times 50\% \times 1 = -5.5\%$$

## Quantified Co-Benefits

*Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

*Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

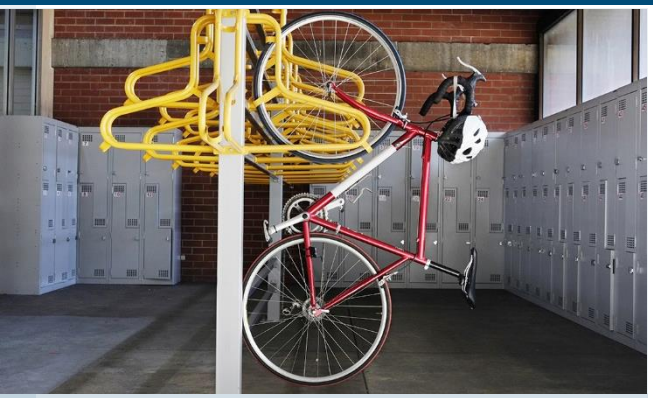
*VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

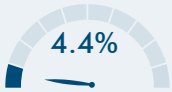
## Sources


- Federal Highway Administration (FHWA). 2017. *National Household Travel Survey–2017 Table Designer*. Travel Day PMT by TRPTRANS by HH_CBSA, Workers by WRKTRANS by HH_CBSA. Available: https://nhts.ornl.gov/. Accessed: January 2021.
- Handy, L. and S. Boarnet. 2013. *Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions*. Available: http://www.arb.ca.gov/cc/sb375/policies/transitservice/transit_brief.pdf. Accessed: January 2021.
- Litman, T. 2020. *Transit Price Elasticities and Cross-elasticities*. Victoria Transport Policy Institute. April. Available: https://www.vtpi.org/tranelas.pdf. Accessed: January 2021.
- Taylor, B., D. Miller, H. Iseki, and C. Fink. 2008. *Nature and/or Nurture? Analyzing the Determinants of Transit Ridership Across US Urbanized Areas*. Transportation Research Part A: Policy and Practice, 43(1), 60-77. Available: https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.367.5311&rep=rep1&type=pdf. Accessed: January 2021.

# T-10. Provide End-of-Trip Bicycle Facilities



## GHG Mitigation Potential




Up to 4.4% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

End-of-trip bicycle facilities could take more cars off the road, resulting in less traffic and better allowing emergency responders to access a hazard site during an extreme weather event. They could also make it easier for bicycle users to access resources in an extreme weather event.

## Health and Equity Considerations

Facilities should be inclusive of all gender identities and expressions. Consider including gender-neutral, single-occupancy options to allow for additional privacy for those who want it.

## Measure Description

This measure will install and maintain end-of-trip facilities for employee use. End-of-trip facilities include bike parking, bike lockers, showers, and personal lockers. The provision and maintenance of secure bike parking and related facilities encourages commuting by bicycle, thereby reducing VMT and GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

End-of-trip facilities should be installed at a size proportional to the number of commuting bicyclists and regularly maintained.

## Cost Considerations

Employer costs include capital and maintenance costs for construction and maintenance of facilities and potentially labor and materials costs for staff to monitor facilities and provide marketing to encourage use of new facilities. The beneficiaries include the program participants saving on commuting cost, the employer reducing onsite parking expenses, and the municipality reducing cars on the road, which leads to lower infrastructure and roadway maintenance costs.

## Expanded Mitigation Options

Best practice is to include an onsite bicycle repair station and post signage on or near secure parking and personal lockers with information about how to reserve or obtain access to these amenities.

This measure could be paired with any combination of the other commute trip reduction strategies (Measures T-7 through T-13) for increased reductions.

## GHG Reduction Formula

$$A = \frac{C \times (E - (B \times E))}{D \times F}$$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from employee project/site commute VMT | 0.1–4.4 | % | calculated |
| **User Inputs** | | | | |
| | None | | | |
| **Constants, Assumptions, and Available Defaults** | | | | |
| B | Bike mode adjustment factor | 1.78 or 4.86 | unitless | Buehler 2012 |
| C | Existing bicycle trip length for all trips in region | Table T-10.1 | miles | FHWA 2017a |
| D | Existing vehicle trip length for all trips in region | Table T-10.1 | miles | FHWA 2017a |
| E | Existing bicycle mode share for work trips in region | Table T-10.2 | % | FHWA 2017b |
| F | Existing vehicle mode share for work trips in region | Table T-10.2 | % | FHWA 2017b |

Further explanation of key variables:

- (B) – The bike mode adjustment factor should be provided by the user based on type of bike facility. A study found that commuters with showers, lockers, and bike parking at work are associated with 4.86 times greater likelihood to commute by bicycle when compared to individuals without any bicycle facilities at work. Individuals with bike parking, but no showers and lockers at the workplace, are associated with 1.78 times greater likelihood to cycle to work than those without trip-end facilities (Buehler 2012).
- (C and D) – Ideally, the user will calculate bicycle and auto trip length for a Project/Site at a scale no larger than a census tract. Potential data sources include the U.S. Census, California Household Travel Survey (preferred), or local survey efforts. If the user is not able to provide a project-specific value using one of these data sources, they have the option to input the trip lengths for bicycles and vehicles for one of the six most populated CBSAs in California, as presented in Table T-10.1 in Appendix C (FHWA 2017a). Trip lengths are likely to be longer for areas not covered by the listed CBSAs, which represent the denser areas of the state.
- (E and F) – Ideally, the user will calculate bicycle and auto mode share for work trips for a Project/Site at a scale no larger than a census tract. Potential data sources include the U.S. Census, California Household Travel Survey (preferred), or local survey efforts. If the user is not able to provide a project-specific value using one of these data sources, they have the option to input the regional average mode shares for bicycle and vehicle

work trips for one of the six most populated CBSAs in California, as presented in Table T-10.2 in Appendix C (FHWA 2017b). If the project study area is not within the listed CBSAs or the user is able to provide a project-specific value, the user should replace these regional defaults in the GHG reduction formula. For areas not covered by the listed CBSAs, which represent the denser areas of the state, bicycle mode share is likely to be lower and vehicle share higher than presented in Table T-10.2.

## GHG Calculation Caps or Maximums

*Measure Maximum*

($A_{max}$) The maximum GHG reduction from this measure is 4.4 percent. This maximum scenario is presented in the below example quantification.

*Subsector Maximum*

($\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

*Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for either Measure T-5 or T-6. However, this measure may be implemented alongside other individual CTR measures (Measures T-7, T-8, T-9, and T-11 through T-13). The efficacy of individual programs may vary highly based on individual employers and local contexts.

## Example GHG Reduction Quantification

The user reduces VMT by providing end-of-trip facilities for the project's employees, which encourages bicycle trips in place of vehicle trips. In this example, the type of bike facility provided by the project is parking with showers, bike lockers, and personal lockers (B). The project is within San Jose-Sunnyvale-Santa Clara CBSA, and the user does not have project-specific values for trip lengths and mode shares and for bicycles and vehicles. Per Tables T-10.1 and T-10.2 in Appendix C, inputs for these variables are 2.8 miles, 11.5 miles, 4.1 percent, and 86.6 percent, respectively (C, D, E, and F). GHG emissions from employee commute VMT would be reduced by 4.4 percent.

$$A = \frac{2.8 \text{ miles} \times \left(4.1\% - (4.86 \times 4.1\%)\right)}{11.5 \text{ miles} \times 86.6\%} = -4.4\%$$

## Quantified Co-Benefits

*Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be

calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

### *Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

### *VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

## Sources


- Buehler, R. 2012. *Determinants of bicycle commuting in the Washington, DC region: The role bicycle parking, cyclist showers, and free car parking at work.* Transportation Research Part D, 17, 525–531. Available: http://www.pedbikeinfo.org/cms/downloads/DeterminantsofBicycleCommuting.pdf. Accessed: January 2021.
- Federal Highway Administration (FHWA). 2017a. *National Household Travel Survey–2017 Table Designer*. Travel Day PT by TRPTRANS by HH_CBSA. Available: https://nhts.ornl.gov/. Accessed: January 2021.
- Federal Highway Administration (FHWA). 2017b. *National Household Travel Survey–2017 Table Designer.* Workers by WRKTRANS by HH_CBSA. Available: https://nhts.ornl.gov/. Accessed: January 2021.

# T-11. Provide Employer-Sponsored Vanpool




Photo Credit: UCLA Transportation/Flickr, 2021

## GHG Mitigation Potential




Up to 20.4% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

Employer-sponsored vanpools could result in less traffic, potentially reducing congestion or delays on major roads during peak AM and PM traffic periods. When this reduction occurs during extreme weather events, it better allows emergency responders to access a hazard site.

## Health and Equity Considerations

Consider using zero-emission or plug-in electric vehicles (PHEVs) for additional emission reduction benefits.

## Measure Description

This measure will implement an employer-sponsored vanpool service. Vanpooling is a flexible form of public transportation that provides groups of 5 to 15 people with a cost-effective and convenient rideshare option for commuting. The mode shift from long-distance, single-occupied vehicles to shared vehicles reduces overall commute VMT, thereby reducing GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban, rural

## Scale of Application

Project/Site

## Implementation Requirements

Vanpool programs are more appropriate for the building occupant or tenant (i.e., employer) to implement and monitor than the building owner or developer.

## Cost Considerations

Employer costs primarily include the capital costs of vehicle acquisition and the labor costs of drivers, either through incentives to current employees or the hiring of dedicated drivers. The beneficiaries include the program participants saving on commuting cost, the employer reducing onsite parking expenses, and the municipality reducing cars on the road, which leads to lower infrastructure and roadway maintenance costs.

## Expanded Mitigation Options

When implementing a vanpool service, best practice is to subsidize the cost for employees that have a similar origin and destination and provide priority parking for employees that vanpool.

This measure could be paired with any combination of the other commute trip reduction strategies (Measures T-7 through T-13) for increased reductions.

## GHG Reduction Formula

$$A = \frac{((1 - B) \times C \times F) + \left(B \times \frac{D}{E} \times G\right)}{((1 - B) \times C \times F) + (B \times D \times F)} - 1$$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from project/site employee commute VMT | 3.4–20.4 | % | calculated |
| **User Inputs** | | | | |
| | None | | | |
| **Constants, Assumptions, and Available Defaults** | | | | |
| B | Percent of employees that participate in vanpool program | 2.7 | % | SANDAG 2019 |
| C | Average length of one-way vehicle commute trip in region | Table T-11.1 | miles per trip | FHWA 2017 |
| D | Average length of one-way vanpool commute trip | 42.0 | miles per trip | SANDAG 2019 |
| E | Average vanpool occupancy (including driver) | 6.25 | occupants | SANDAG 2019 |
| F | Average emission factor of average employee vehicle | 307.5 | g $CO_2e$ per mile | CARB 2020 |
| G | Vanpool emission factor | 763.4 | g $CO_2e$ per mile | CARB 2020 |

Further explanation of key variables:

- (B) – The percent of employees that would participate in a vanpool program is based on a survey of commuters in San Diego County (SANDAG 2019). If the project is not within San Diego County or the user is able to provide a project-specific value for within San Diego County, the user should replace the default employee participation rate in the GHG reduction formula.
- (C) – Ideally, the user will calculate auto commute trip lengths for a Project/Site at a scale no larger than a census tract. Potential data sources include the U.S. Census, California Household Travel Survey (preferred), or local survey efforts. If the user is not able to provide a project-specific value using one of these data sources, they have the option to input the regional average one-way auto commute trip length for one of the six most populated CBSAs in California, as presented in Table T-11.1 in Appendix C (FHWA 2017). Trip lengths are likely to be longer for areas not covered by the listed CBSAs, which represent the denser areas of the state.
- (D and E) – The average one-way vanpool commute trip length and occupancy are based on data from the San Diego Association of Government's regional vanpool program (SANDAG 2019). If the project is not within San Diego County or the user is

able to provide a project-specific value for within San Diego County, the user should replace these defaults in the GHG reduction formula.

- (F and G) – The average GHG emission factors for employee commute and vanpool vehicles were calculated in terms of $CO_2e$ per mile using EMFAC2017 (v1.0.3). The model was run for a 2020 statewide average using diesel and gasoline fuel. The average of the light-duty automobile (LDA) and light duty truck (LDT1/LDT2) vehicle categories represents employee non-vanpool vehicles and the light-heavy duty truck (LHDT1) vehicle category conservatively represents a large cargo vanpool vehicle. The running emission factors for $CO_2$, $CH_4$, and $N_2O$ (CARB 2020) were multiplied by the corresponding 100-year GWP values from the IPCC's Fourth Assessment Report (IPCC 2007). If the user can provide a project-specific value (i.e., for a future year and project location), the user should run EMFAC to replace the defaults in the GHG reduction formula.

## GHG Calculation Caps or Maximums

*Measure Maximum*

($A_{max}$) For projects in San Diego County that use default CBSA data from Table T-11.1 and ($B_{max}$), the maximum percent reduction in GHG emissions (A) is 20.4 percent. This maximum scenario is presented in the below example quantification.

($B_{max}$) The percent of employees that participate in the vanpool program is capped at 15 percent, which is based on the high end of vanpool participation survey data for several successful programs in the U.S. (SANDAG 2019).

*Subsector Maximum*

($\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

*Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for either Measure T-5 or T-6. However, this measure may be implemented alongside other individual CTR measures (Measures T-7 through T-10, T-12, and T-13). The efficacy of individual programs may vary highly based on individual employers and local contexts.

## Example GHG Reduction Quantification

The user reduces employee commute VMT by requiring that the employer of the project to sponsor a vanpool program. In this example, the project is in the San Diego-Carlsbad CBSA and would have an average vehicle commute trip length of 14.52 miles (C). The percent of employees that participate in the vanpool program is 15 percent ($B_{max}$). GHG emissions from employee commute would be reduced by 20.4 percent.

$$A = \frac{\left((1-15\%) \times 14.52 \frac{\text{miles}}{\text{trip}} \times 307.5 \frac{\text{g } CO_2e}{\text{miles}}\right) + \left(15\% \times \frac{42 \frac{\text{miles}}{\text{trip}}}{6.25 \text{ occupants}} \times 763.4 \frac{\text{g } CO_2e}{\text{miles}}\right)}{\left((1-15\%) \times 14.52 \frac{\text{miles}}{\text{trip}} \times 307.5 \frac{\text{g } CO_2e}{\text{miles}}\right) + \left(15\% \times 42 \frac{\text{miles}}{\text{trip}} \times 307.5 \frac{\text{g } CO_2e}{\text{miles}}\right)} - 1 = -20.4\%$$

## Quantified Co-Benefits

### *Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

### *Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption (H) can be calculated using the GHG reduction formula except that (F) and (G) should be replaced by (I) and (J), as follows.

**Fuel Use Reduction Formula**

$$H = \frac{\left((1-B) \times C \times I\right) + \left(B \times \frac{D}{E} \times J\right)}{\left((1-B) \times C \times I\right) + (B \times D \times I)} - 1$$

**Fuel Use Reduction Calculation Variables**

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| H | Percent reduction in fuel use from project/site employee commute VMT | 4.7–21.4 | % | calculated |
| **User Inputs** | | | | |
| | None | | | |
| **Constants, Assumptions, and Available Defaults** | | | | |
| I | Fuel efficiency of average employee vehicle | 0.03639 | gallon (gal) per mile | CARB 2020 |
| J | Fuel efficiency of vanpool vehicle | 0.08328 | gal per mile | CARB 2020 |

Further explanation of key variables:

- (I and J) – The average fuel efficiencies for employee commute and vanpool vehicles were calculated using EMFAC2017 (v1.0.3). The model was run for a 2020 statewide average using diesel and gasoline fuel. The average of the LDA,

LDT1, and LDT2 vehicle categories represents employee non-vanpool vehicles, and the LHDT1 vehicle category conservatively represents a large cargo vanpool vehicle. If the user can provide a project-specific value (i.e., for a future year and project location), the user should run EMFAC to replace the defaults in the fuel use reduction formula.

- Please refer to the GHG Calculation Variables table above for definitions of variables that have been previously defined.



*VMT Reductions*

The percent reduction in VMT can be calculated using a modified version of the GHG reduction formula, as shown below.

$$\%\ \text{VMT Reduction} = \frac{((1 - B) \times C) + \left(B \times \frac{D}{E}\right)}{C} - 1$$

## Sources


- California Air Resources Board (CARB). 2020. *EMFAC2017 v1.0.3*. August. Available: https://arb.ca.gov/emfac/emissions-inventory. Accessed: January 2021.
- Federal Highway Administration (FHWA). 2017. *National Household Travel Survey–2017 Table Designer*. Travel Day VT by HH_CBSA by TRPTRANS by TRIPPURP. Available: https://nhts.ornl.gov/. Accessed: January 2021.
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- San Diego Association of Governments (SANDAG). 2019. *Mobility Management VMT Reduction Calculator Tool–Design Document*. June. Available: https://www.icommutesd.com/docs/default-source/planning/tool-design-document_final_7-17-19.pdf?sfvrsn=ec39eb3b_2. Accessed: January 2021.

# T-12. Price Workplace Parking



## GHG Mitigation Potential




Up to 20.0% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

Priced workplace parking could incentivize increased use of public transit and thus result in less traffic, potentially reducing congestion or delays on major roads during peak AM and PM traffic periods. When this reduction occurs during extreme weather events, it better allows emergency responders to access a hazard site.

## Health and Equity Considerations

Parking pricing should include hourly and daily options so part-time staff do not need a monthly pass. If the project includes low-waged employees that have fewer transportation choices or time and resource constraints, it is instead recommended to consider implementing Measure T-13, *Implement Employee Parking Cash-Out*, or other transportation subsidy.

## Measure Description

This measure will price onsite parking at workplaces. Because free employee parking is a common benefit, charging employees to park onsite increases the cost of choosing to drive to work. This is expected to reduce single-occupancy vehicle commute trips, resulting in decreased VMT, thereby reducing associated GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

Implementation may include the following.

- Explicitly charging for employee parking.
- Implementing above-market rate pricing.
- Validating parking only for invited guests (or not providing parking validation at all).
- Not providing employee parking and transportation allowances.

In addition, this measure should include marketing and education regarding available alternatives to driving.

## Cost Considerations

Parking fees would be a direct, recurring cost for employees. Employer costs include labor costs for program management and monitoring, but this may be offset by revenue generated by the program.

## Expanded Mitigation Options

Best practice is to ensure that other transportation options are available, convenient, and have competitive travel times (i.e., transit service near the project site, shuttle service, or a complete active transportation network serving the site and surrounding community), and that there is not alternative free parking available nearby (such as on-street). This measure is substantially less effective in environments that do not have other modes available or where unrestricted street parking or other offsite parking is available nearby and has adequate capacity to accommodate project-related vehicle parking demand.

## GHG Reduction Formula

For calculating effectiveness of pricing residential parking, see Measure T-16, *Unbundle Residential Parking Costs from Property Cost*. For calculating effectiveness of pricing parking at visitor-intensive land uses, see Measure T-24, *Implement Market Price Public Parking (On-Street)*.

$$A = \frac{B - C}{C} \times E \times D \times F$$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from employee commute VMT | 0–20.0 | % | calculated |
| **User Inputs** | | | | |
| **B** | Proposed parking price | [ ] | $ | user input |
| **C** | Baseline parking price | [ ] | $ | user input |
| **D** | Share of employees paying for parking | [ ] | % | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| E | Elasticity of parking demand with respecting to parking price | -0.4 | unitless | Lehner & Peer 2019 |
| F | Ratio of vehicle trip reduction to VMT | 1 | unitless | assumption |

Further explanation of key variables:

- (B) – Parking price can be provided on an hourly, daily, or monthly basis. Monthly pricing is less effective than requiring daily or hourly payment since the price signal is diluted to only once a month.
- (C) – If baseline parking price is $0 (that is, if parking is typically free), set C = ¼ B, allowing for the maximum 50 percent increase in price. Alternatively, for locations that are located within 0.5 mile of transit service, set C = average transit fare to/from the location.
- (D) – Many organizations allow some employees free parking benefits. VMT reductions should be adjusted based on the share of employees that would be paying for parking.
- (E) – A meta-analysis of parking price studies found that a 0.40 percent decrease in parking demand occurs for every 1 percent increase in parking price (Lehner & Peer 2019). Price elasticity of parking demand varies by location, day of the week, and time of day.
- (F) – The adjustment factor from vehicle trips to VMT is 1. This assumes that all vehicle trips will average out to typical trip length ("assumes all trip lengths are equal"). Thus, it can be assumed that a percentage reduction in vehicle trips will equal the same percentage reduction in VMT. Subsidies or discounts targeting commute trips may have a higher factor as they are generally longer than the trip lengths for other purposes.

## GHG Calculation Caps or Maximums

*Measure Maximum*

($A_{max}$) The GHG reduction from priced workplace parking is capped at 20 percent. This maximum scenario is presented in the below example quantification.

($\left(\frac{B-C}{C}\right)_{max}$) The percent increase in parking price is capped at 50 percent.

*Subsector Maximum*

($\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

*Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for Measure T-13, *Implement Employee Parking Cash-Out*. While both measures focus on providing a price signal for employees to consider other modes for their work commute, this measure actively charges all employees to park, while Measure T-13 reimburses employees who do not park. Users should select either Measure T-12 or T-13.

## Example GHG Reduction Quantification

The user reduces VMT by increasing the price of a monthly parking permit. In this example, the permit fee is increased from $50 (C) to $75 (B). If 100 percent of employees are subject to parking pricing (D), the user would reduce GHG emissions from VMT by 20 percent.

$$A = \frac{\$75 - \$50}{\$50} \times -0.4 \times 100\% \times 1 = -20\%$$

## Quantified Co-Benefits

*Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

*Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

### *VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

## Sources


- Lehner, S., Peer, S. 2019. *The Price Elasticity of Parking: A Meta-analysis*. Transportation Research Part A: Policy and Practice 121 2019. Available: http://sustainabletransportationsc.org/garage/pdf/parking_elasticity.pdf. Accessed: January 2021.

# T-13. Implement Employee Parking Cash-Out



## GHG Mitigation Potential




Up to 12.0% of GHG emissions from project/site employee commute VMT

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

Employee parking cash-out could incentivize increased use of public transit and thus result in less traffic, potentially reducing congestion or delays on major roads during peak AM and PM traffic periods. When this reduction occurs during extreme weather events, it better allows emergency responders to access a hazard site.

## Health and Equity Considerations

Non-applicable

## Measure Description

This measure will require project employers to offer employee parking cash-out. Cash-out is when employers provide employees with a choice of forgoing their current subsidized/free parking for a cash payment equivalent to or greater than the cost of the parking space. This encourages employees to use other modes of travel instead of single occupancy vehicles. This mode shift results in people driving less and thereby reduces VMT and GHG emissions.

## Subsector

Trip Reduction Programs

## Locational Context

Urban, suburban

## Scale of Application

Project/Site

## Implementation Requirements

To prevent spill-over parking and continued use of single occupancy vehicles, residential parking in the surrounding area must be permitted, and public on-street parking must be market rate.

## Cost Considerations

Employer costs include the recurring, direct cost for payment to program participants and labor costs for program management. Employees that participate in the program would achieve cost savings through the cash-out benefit and potentially through reduced vehicle ownership and usage.

## Expanded Mitigation Options

This measure could be paired with many other commute trip reduction strategies (Measures T-7 through T-11) for increased reductions.

## GHG Reduction Formula

$A = B \times C$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from project/site commute VMT | 0–12.0 | % | calculated |
| **User Inputs** | | | | |
| **B** | Percentage of employees eligible | [ ] | % | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| C | Percent reduction in commute VMT from implementation of measure | -12 | % | Shoup 2005 |

Further explanation of key variables:

- (B) – The percentage of employees eligible refers to the employees that would be able to participate in the program. This will usually be 100 percent. Employees who might not be able to participate could include those who work nighttime hours when transit and rideshare services are not available or employees who are required to drive to work as part of their job duties. This does not refer to the percentage of employees who end up participating in the program.
- (C) – A study of eight California firms that complied with California's 1992 parking cash-out law found employee commute VMT decreased by an average of 12 percent (Shoup 2005).

## GHG Calculation Caps or Maximums

### *Measure Maximum*

($A_{max}$) The maximum percent reduction in GHG emissions (A) is 12.0 percent. This maximum scenario is presented in the below example quantification.

### *Subsector Maximum*

($\sum A_{max_{T\text{-}5 \text{ through } T\text{-}13}} \leq 45\%$) This measure is in the Trip Reduction Programs subsector. This subcategory includes Measures T-5 through T-13. The employee commute VMT reduction from the combined implementation of all measures within this subsector is capped at 45 percent.

### *Mutually Exclusive Measures*

If this measure is selected, the user may not also take credit for Measure T-12, *Price Workplace Parking*. While both measures focus on providing a price signal for employees to consider other modes for their work commute, this measure reimburses employees who

do not park, while Measure T-12 actively charges all employees to park. Users should select either Measure T-12 or T-13.

## Example GHG Reduction Quantification

The user reduces project/site VMT by offering commuters the option to choose a cash payment equal to or greater than the current parking subsidy offered by their employer. In this example, all employees (i.e., 100 percent) are eligible to participate (B), which would reduce GHG emissions from employee commute VMT by 12 percent.

$$A = 100\% \times -12\% = -12\%$$

## Quantified Co-Benefits

### *Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

### *Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

### *VMT Reductions*

The percent reduction in VMT would be the same as the percent reduction in GHG emissions (A).

### Sources


- Shoup, D. 2005. *Parking Cash Out*. Planners Advisory Service, American Planning Association. Available: http://shoup.bol.ucla.edu/ParkingCashOut.pdf. Accessed: January 2021.

# T-18. Provide Pedestrian Network Improvement



## GHG Mitigation Potential




Up to 6.4% of GHG emissions from vehicle travel in the plan/community

## Co-Benefits (icon key on pg. 34)

## Climate Resilience

Improving pedestrian networks increases accessibility of outdoor spaces, which can provide health benefits and thus improve community resilience. This can also improve connectivity between residents and resources that may be needed in an extreme weather event.

## Health and Equity Considerations

Ensure that the improvements also include accessibility features to allow for people of all abilities to use the network safely and conveniently. Ensure that sidewalks connect to nearby community assets, such as schools, retail, and healthcare.

## Measure Description

This measure will increase the sidewalk coverage to improve pedestrian access. Providing sidewalks and an enhanced pedestrian network encourages people to walk instead of drive. This mode shift results in a reduction in VMT and GHG emissions.

## Subsector

Neighborhood Design

## Locational Context

Urban, suburban, rural

## Scale of Application

Plan/Community

## Implementation Requirements

The GHG reduction of this measure is based on the VMT reduction associated with expansion of sidewalk coverage expansion, which includes not only building of new sidewalks but also improving degraded or substandard sidewalk (e.g., damaged from street tree roots). However, pedestrian network enhancements with non-quantifiable GHG reductions are encouraged to be implemented, as discussed under *Expanded Mitigation Options*.

## Cost Considerations

Depending on the improvement, capital and infrastructure costs may be high. However, improvements to the pedestrian network will increase pedestrian activity, which can increase businesses patronage and provide a local economic benefit. The local municipality may achieve cost savings through a reduction of cars on the road leading to lower infrastructure and roadway maintenance costs.

## Expanded Mitigation Options

When improving sidewalks, a best practice is to ensure they are contiguous and link externally with existing and planned pedestrian facilities. Barriers to pedestrian access and interconnectivity, such as walls, landscaping buffers, slopes, and unprotected crossings should be minimized. Other best practice features could include high-visibility crosswalks, pedestrian hybrid beacons, and other pedestrian signals, mid-block crossing walks, pedestrian refuge islands, speed tables, bulb-outs (curb extensions), curb ramps, signage, pavement markings, pedestrian-only connections and districts, landscaping, and other improvements to pedestrian safety (see Measure T-35, *Provide Traffic Calming Measures*).

## GHG Reduction Formula

$$A = \left(\frac{C}{B} - 1\right) \times D$$

## GHG Calculation Variables

| ID | Variable | Value | Unit | Source |
|---|---|---|---|---|
| **Output** | | | | |
| A | Percent reduction in GHG emissions from household vehicle travel in plan/community | 0–6.4 | % | calculated |
| **User Inputs** | | | | |
| B | Existing sidewalk length in study area | [ ] | miles | user input |
| C | Sidewalk length in study area with measure | [ ] | miles | user input |
| **Constants, Assumptions, and Available Defaults** | | | | |
| D | Elasticity of household VMT with respect to the ratio of sidewalks-to-streets | -0.05 | unitless | Frank et al. 2011 |

Further explanation of key variables:

- (B and C) – Sidewalk length should be measured on both sides of the street. For example, if one 0.5-mile-long street has full sidewalk coverage, the sidewalk length would be 1.0 mile. If there is only sidewalk on one side of the street, the sidewalk length would be 0.5 mile. The recommended study area is 0.6 mile around the pedestrian network improvement. This represents a 6- to 10-minute walking time.
- (D) – A study found that a 0.05 percent decrease in household vehicle travel occurs for every 1 percent increase in the sidewalk-to-street ratio (Frank et al. 2011; Handy et al. 2014).

## GHG Calculation Caps or Maximums

*Measure Maximum*

($A_{max}$) The percent reduction in GHG emissions (A) is capped at 3.4 percent, which is based on the following assumptions:

- 35.2 percent of vehicle trips are short trips (2 mile or less, average of 1.29 miles) and thus could easily shift to walking (FHWA 2019).
- 64.8 percent of vehicle trips are longer trips that are unlikely to shift to walking (2 miles or more, average of 10.93 miles) (FHWA 2019).
- So $A_{max} = \frac{35.2\% \times 1.29 \text{ miles}}{64.8\% \times 10.93 \text{ miles}} = 6.4\%$

*Subsector Maximum*

($\sum A_{max_{T\text{-}18 \text{ through } T\text{-}22\text{-}C}} \leq 10\%$) This measure is in the Neighborhood Design subsector. This subcategory includes Measures T-18 through T-22-C. The VMT reduction from the combined implementation of all measures within this subsector is capped at 10 percent.

## Example GHG Reduction Quantification

The user reduces household VMT by improving the pedestrian network in the study area. In this example, the existing sidewalk length (B) is 9 miles, and the sidewalk length with the measure (C) would be 10 miles. With these conditions, the user would reduce GHG emissions from household VMT within the study area by 0.6 percent.

$$A = \left(\frac{10 \text{ miles}}{9 \text{ miles}} - 1\right) \times -0.05 = -0.6\%$$

## Quantified Co-Benefits

*Improved Local Air Quality*

The percent reduction in GHG emissions (A) would be the same as the percent reduction in $NO_X$, CO, $NO_2$, $SO_2$, and PM. Reductions in ROG emissions can be calculated by multiplying the percent reduction in GHG emissions (A) by an adjustment factor of 87 percent. See *Adjusting VMT Reductions to Emission Reductions* above for further discussion.

*Energy and Fuel Savings*

The percent reduction in vehicle fuel consumption would be the same as the percent reduction in GHG emissions (A).

*VMT Reductions*

The percent reduction in household VMT would be the same as the percent reduction in GHG emissions (A).

*Improved Public Health*

Users are directed to the Integrated Transport and Health Impact Model (ITHIM) (CARB et al. 2020). The ITHIM can quantify the annual change in health outcomes associated with active transportation, including deaths, years of life lost, years of living with disability, and incidence of community and individual disease.

### Sources


- California Air Resources Board (CARB), California Department of Public Health (CDPH), and Nicholas Linesch Legacy Fund. 2020. Integrated Transport and Health Impact Model. Available: https://skylab.cdph.ca.gov/HealthyMobilityOptionTool-ITHIM/#Home. Accessed: September 17, 2021.
- Federal Highway Administration (FHWA). 2019. *2017 National Household Travel Survey Popular Vehicle Trip Statistics*. Available: https://nhts.ornl.gov/vehicle-trips. Accessed: January 2021.

- Frank, L., M. Greenwald, S. Kavage, and A. Devlin. 2011. *An Assessment of Urban Form and Pedestrian and Transit Improvements as an Integrated GHG Reduction Strategy*. WSDOT Research Report WA-RD 765.1, Washington State Department of Transportation. April. Available: www.wsdot.wa.gov/research/reports/fullreports/765.1.pdf. Accessed: January 2021.
- Handy, S., S. Glan-Claudia, and M. Boarnet. 2014. *Impacts of Pedestrian Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions: Policy Brief*. September. Available: https://ww2.arb.ca.gov/sites/default/files/2020-06/Impacts_of_Pedestrian_Strategies_on_Passenger_Vehicle_Use_and_Greenhouse_Gas_Emissions_Policy_Brief.pdf. Accessed: January 2021.

# Appendix C
Traffic Counts

# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| Tue, May 2, 23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 |
| | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL |

NOTES:

AM / PM / MD / OTHER / OTHER

▲ N ◄ W E ► S ▼

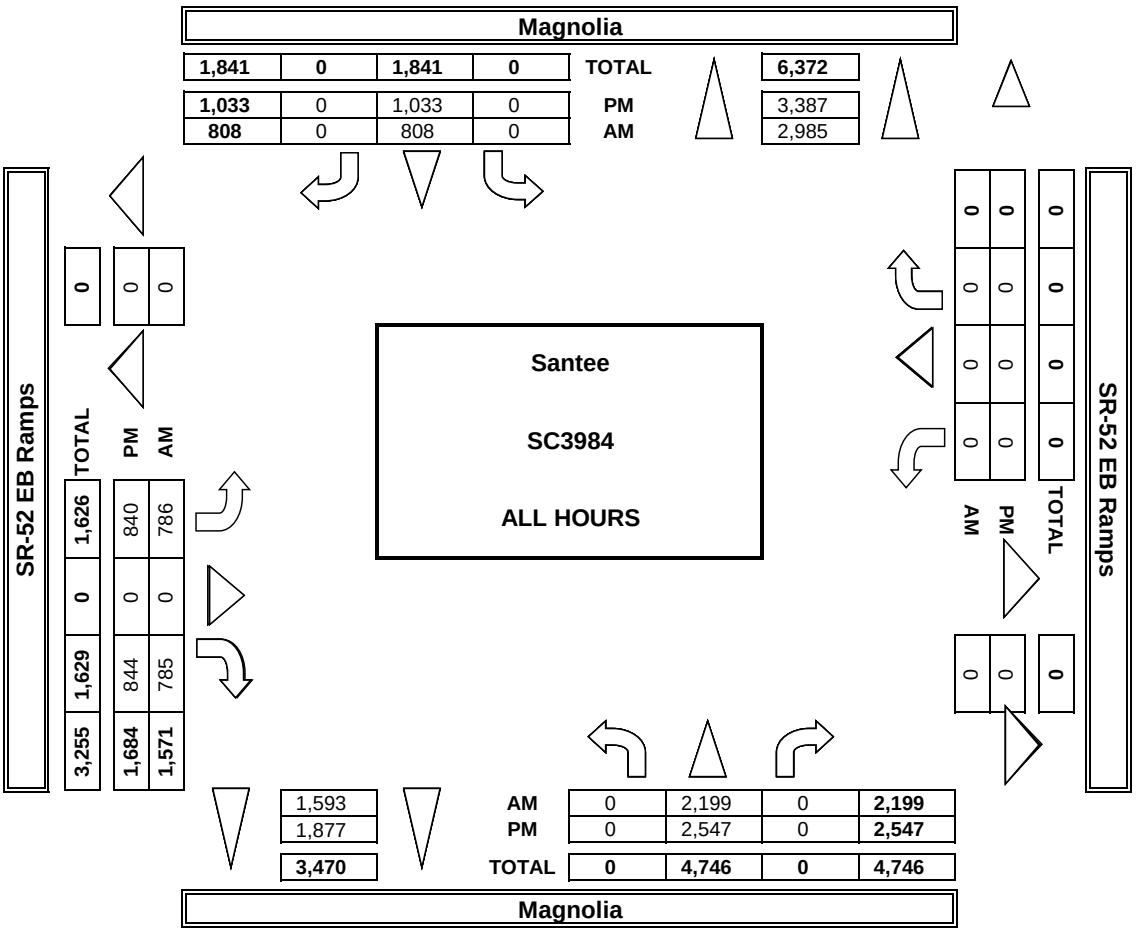
| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 EB Ramps | | | WESTBOUND SR-52 EB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT 2 | NR X | SL X | ST 2 | SR X | EL 1 | ET X | ER 1 | WL X | WT X | WR X | TOTAL | NB 0 | SB 0 | EB 0 | WB 0 | TTL |
| AM | 7:00 AM | 0 | 230 | 0 | 0 | 64 | 0 | 89 | 0 | 92 | 0 | 0 | 0 | 475 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 270 | 0 | 0 | 90 | 0 | 99 | 0 | 98 | 0 | 0 | 0 | 557 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 263 | 0 | 0 | 111 | 0 | 98 | 0 | 101 | 0 | 0 | 0 | 573 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 331 | 0 | 0 | 126 | 0 | 101 | 0 | 108 | 0 | 0 | 0 | 666 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 294 | 0 | 0 | 121 | 0 | 105 | 0 | 115 | 0 | 0 | 0 | 635 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 322 | 0 | 0 | 117 | 0 | 98 | 0 | 102 | 0 | 0 | 0 | 639 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 240 | 0 | 0 | 99 | 0 | 97 | 0 | 88 | 0 | 0 | 0 | 524 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 249 | 0 | 0 | 80 | 0 | 99 | 0 | 81 | 0 | 0 | 0 | 509 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 2,199 | 0 | 0 | 808 | 0 | 786 | 0 | 785 | 0 | 0 | 0 | 4,578 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 50% | 0% | 50% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 2,199 | / | 2,985 | 808 | / | 1,593 | 1,571 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 1,210 | 0 | 0 | 475 | 0 | 402 | 0 | 426 | 0 | 0 | 0 | 2,513 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 49% | 0% | 51% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.914 | | | 0.942 | | | 0.941 | | | 0.000 | | 0.943 | | | | | |
| | APP/DEPART | 1,210 | / | 1,612 | 475 | / | 901 | 828 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 359 | 0 | 0 | 132 | 0 | 88 | 0 | 90 | 0 | 0 | 0 | 669 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 320 | 0 | 0 | 143 | 0 | 109 | 0 | 113 | 0 | 0 | 0 | 685 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 352 | 0 | 0 | 135 | 0 | 104 | 0 | 136 | 0 | 0 | 0 | 727 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 346 | 0 | 0 | 124 | 0 | 120 | 0 | 126 | 0 | 0 | 0 | 716 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 316 | 0 | 0 | 144 | 0 | 113 | 0 | 105 | 0 | 0 | 0 | 678 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 312 | 0 | 0 | 143 | 0 | 111 | 0 | 103 | 0 | 0 | 0 | 669 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 301 | 0 | 0 | 100 | 0 | 86 | 0 | 79 | 0 | 0 | 0 | 566 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 241 | 0 | 0 | 112 | 0 | 109 | 0 | 92 | 0 | 0 | 0 | 554 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 2,547 | 0 | 0 | 1,033 | 0 | 840 | 0 | 844 | 0 | 0 | 0 | 5,264 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 50% | 0% | 50% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 2,547 | / | 3,387 | 1,033 | / | 1,877 | 1,684 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 1,334 | 0 | 0 | 546 | 0 | 446 | 0 | 480 | 0 | 0 | 0 | 2,806 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 48% | 0% | 52% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.947 | | | 0.948 | | | 0.941 | | | 0.000 | | 0.965 | | | | | |
| | APP/DEPART | 1,334 | / | 1,780 | 546 | / | 1,026 | 926 | / | 0 | 0 | / | 0 | 0 | | | | | |

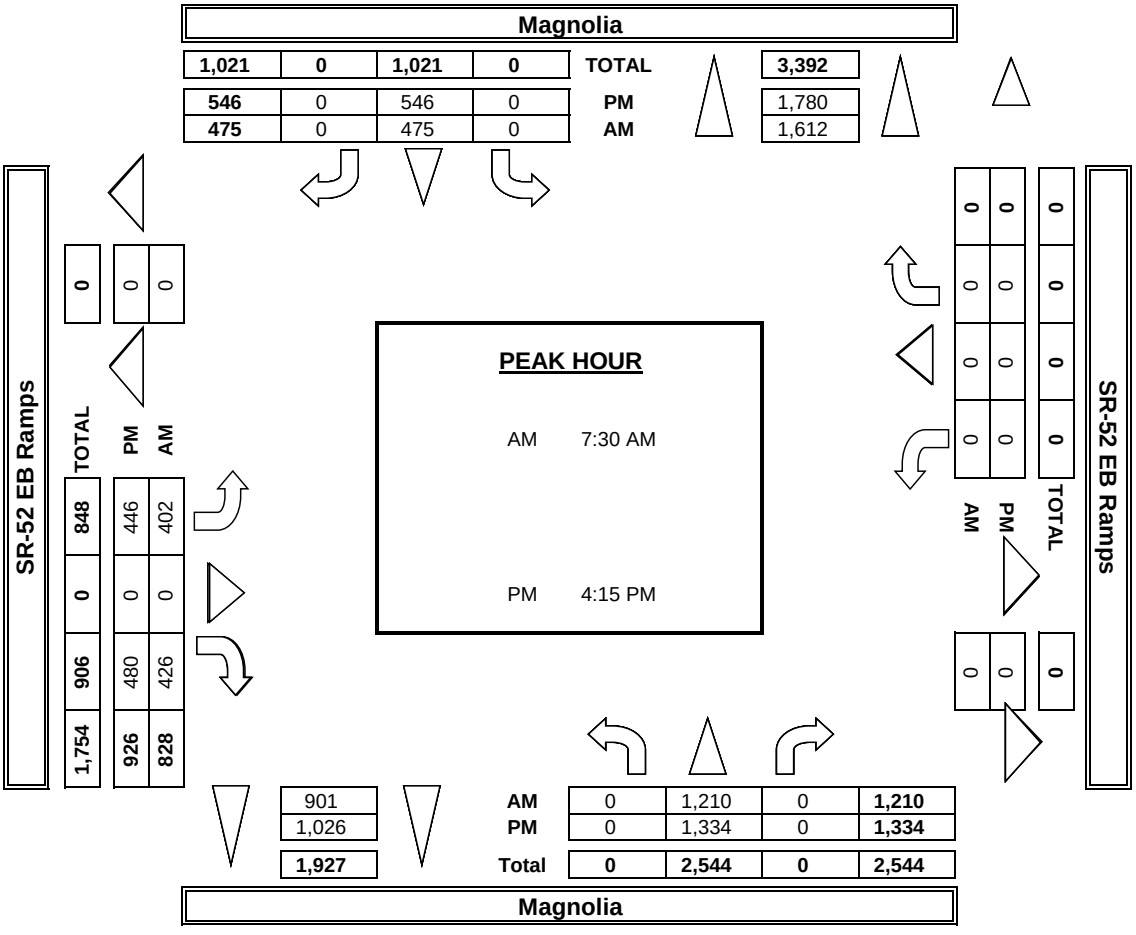



| | | ALL PED AND BIKE | | | | | PEDESTRIAN CROSSINGS | | | | | BICYCLE CROSSINGS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | NS | SS | ES | WS | TOTAL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| | 7:30 AM | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| | 7:45 AM | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| | 8:00 AM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 0 | 0 | 3 | 4 | 7 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 3 | 2 | 5 |
| PM | 4:00 PM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 1 | 0 | 2 | 3 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 1 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 2 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | TOTAL | 0 | 1 | 4 | 5 | 10 | 0 | 1 | 0 | 3 | 4 | 0 | 0 | 4 | 2 | 6 |

**AimTD LLC**

TURNING MOVEMENT COUNTS



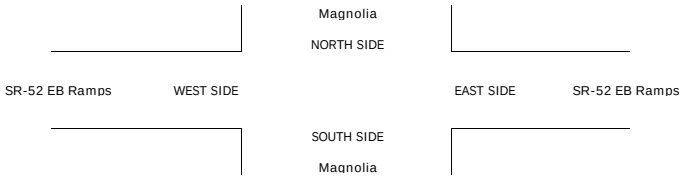
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| | | | | | |
|---|---|---|---|---|---|
| DATE: 5/2/23 TUESDAY | LOCATION: | Santee | PROJECT #: | SC3984 |
| | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 |
| | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL |

| | NOTES: | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCE Adjusted | Class | 1 | 2 | 3 | 4 | 5 | 6 | | | AM PM MD OTHER OTHER | ▲ N ◄ W E ► S ▼ | |
| | Factor | 1 | 1.5 | 2 | 3 | 2 | 2 | | | | | |

| | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (SR-52 EB Ramps) | | | WESTBOUND (SR-52 EB Ramps) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LANES: | NL X | NT 2 | NR X | SL X | ST 2 | SR X | EL 1 | ET X | ER 1 | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| 7:00 AM | 0 | 248 | 0 | 0 | 71 | 0 | 93 | 0 | 98 | 0 | 0 | 0 | 510 | | | | | 0 |
| 7:15 AM | 0 | 285 | 0 | 0 | 96 | 0 | 104 | 0 | 104 | 0 | 0 | 0 | 588 | | | | | 0 |
| 7:30 AM | 0 | 279 | 0 | 0 | 116 | 0 | 103 | 0 | 106 | 0 | 0 | 0 | 603 | | | | | 0 |
| 7:45 AM | 0 | 347 | 0 | 0 | 133 | 0 | 104 | 0 | 113 | 0 | 0 | 0 | 697 | | | | | 0 |
| 8:00 AM | 0 | 316 | 0 | 0 | 135 | 0 | 109 | 0 | 118 | 0 | 0 | 0 | 678 | | | | | 0 |
| 8:15 AM | 0 | 344 | 0 | 0 | 122 | 0 | 102 | 0 | 105 | 0 | 0 | 0 | 672 | | | | | 0 |
| 8:30 AM | 0 | 265 | 0 | 0 | 107 | 0 | 101 | 0 | 89 | 0 | 0 | 0 | 562 | | | | | 0 |
| 8:45 AM | 0 | 268 | 0 | 0 | 87 | 0 | 101 | 0 | 83 | 0 | 0 | 0 | 538 | | | | | 0 |
| AM VOLUMES | 0 | 2,350 | 0 | 0 | 866 | 0 | 815 | 0 | 814 | 0 | 0 | 0 | 4,845 | 0 | 0 | 0 | 0 | 0 |
| AM APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 50% | 0% | 50% | 0% | 0% | 0% | | | | | | |
| AM APP/DEPART | 2,350 | / | 3,165 | 866 | / | 1,680 | 1,629 | / | 0 | 0 | / | 0 | 0 | | | | | |
| AM BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| AM VOLUMES | 0 | 1,286 | 0 | 0 | 506 | 0 | 417 | 0 | 441 | 0 | 0 | 0 | 2,649 | | | | | |
| AM APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 49% | 0% | 51% | 0% | 0% | 0% | | | | | | |
| AM PEAK HR FACTOR | | 0.927 | | | 0.940 | | | 0.945 | | | 0.000 | | 0.951 | | | | | |
| AM APP/DEPART | 1,286 | / | 1,703 | 506 | / | 947 | 858 | / | 0 | 0 | / | 0 | 0 | | | | | |
| 4:00 PM | 0 | 370 | 0 | 0 | 139 | 0 | 94 | 0 | 100 | 0 | 0 | 0 | 702 | | | | | 0 |
| 4:15 PM | 0 | 333 | 0 | 0 | 147 | 0 | 112 | 0 | 121 | 0 | 0 | 0 | 712 | | | | | 0 |
| 4:30 PM | 0 | 361 | 0 | 0 | 137 | 0 | 108 | 0 | 144 | 0 | 0 | 0 | 750 | | | | | 0 |
| 4:45 PM | 0 | 361 | 0 | 0 | 125 | 0 | 123 | 0 | 132 | 0 | 0 | 0 | 740 | | | | | 0 |
| 5:00 PM | 0 | 322 | 0 | 0 | 149 | 0 | 116 | 0 | 108 | 0 | 0 | 0 | 695 | | | | | 0 |
| 5:15 PM | 0 | 319 | 0 | 0 | 145 | 0 | 115 | 0 | 108 | 0 | 0 | 0 | 687 | | | | | 0 |
| 5:30 PM | 0 | 306 | 0 | 0 | 104 | 0 | 89 | 0 | 82 | 0 | 0 | 0 | 580 | | | | | 0 |
| 5:45 PM | 0 | 249 | 0 | 0 | 116 | 0 | 113 | 0 | 94 | 0 | 0 | 0 | 571 | | | | | 0 |
| PM VOLUMES | 0 | 2,618 | 0 | 0 | 1,060 | 0 | 868 | 0 | 888 | 0 | 0 | 0 | 5,434 | 0 | 0 | 0 | 0 | 0 |
| PM APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 49% | 0% | 51% | 0% | 0% | 0% | | | | | | |
| PM APP/DEPART | 2,618 | / | 3,486 | 1,060 | / | 1,948 | 1,756 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| PM VOLUMES | 0 | 1,376 | 0 | 0 | 557 | 0 | 458 | 0 | 505 | 0 | 0 | 0 | 2,895 | | | | | |
| PM APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 48% | 0% | 52% | 0% | 0% | 0% | | | | | | |
| PM PEAK HR FACTOR | | 0.953 | | | 0.935 | | | 0.945 | | | 0.000 | | 0.966 | | | | | |
| PM APP/DEPART | 1,376 | / | 1,834 | 557 | / | 1,062 | 963 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

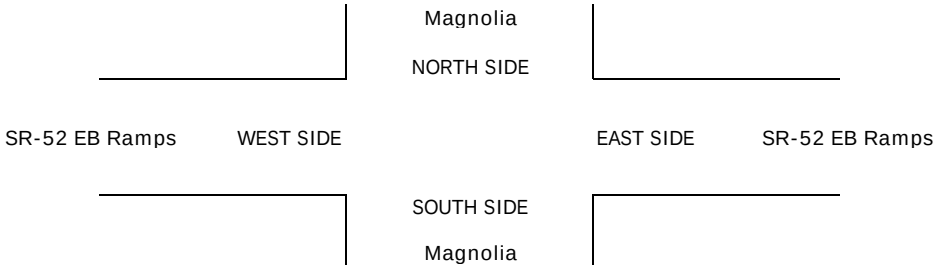
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 |
| TUESDAY | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL |

CLASS 1: PASSENGER VEHICLES

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (SR-52 EB Ramps) | | | WESTBOUND (SR-52 EB Ramps) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL<br>X | NT<br>2 | NR<br>X | SL<br>X | ST<br>2 | SR<br>X | EL<br>1 | ET<br>X | ER<br>1 | WL<br>X | WT<br>X | WR<br>X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 202 | 0 | 0 | 55 | 0 | 81 | 0 | 83 | 0 | 0 | 0 | 421 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 248 | 0 | 0 | 81 | 0 | 90 | 0 | 91 | 0 | 0 | 0 | 510 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 239 | 0 | 0 | 102 | 0 | 92 | 0 | 93 | 0 | 0 | 0 | 526 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 305 | 0 | 0 | 114 | 0 | 95 | 0 | 102 | 0 | 0 | 0 | 616 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 262 | 0 | 0 | 101 | 0 | 100 | 0 | 112 | 0 | 0 | 0 | 575 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 285 | 0 | 0 | 108 | 0 | 94 | 0 | 98 | 0 | 0 | 0 | 585 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 203 | 0 | 0 | 87 | 0 | 92 | 0 | 86 | 0 | 0 | 0 | 468 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 225 | 0 | 0 | 68 | 0 | 96 | 0 | 78 | 0 | 0 | 0 | 467 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 1,969 | 0 | 0 | 716 | 0 | 740 | 0 | 743 | 0 | 0 | 0 | 4,168 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 50% | 0% | 50% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 1,969 | / | 2,709 | 716 | / | 1,459 | 1,483 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 1,091 | 0 | 0 | 425 | 0 | 381 | 0 | 405 | 0 | 0 | 0 | 2,302 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 48% | 0% | 52% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.894 | | | 0.932 | | | 0.927 | | | 0.000 | | 0.934 | | | | | |
| | APP/DEPART | 1,091 | / | 1,472 | 425 | / | 830 | 786 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 345 | 0 | 0 | 123 | 0 | 77 | 0 | 77 | 0 | 0 | 0 | 622 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 302 | 0 | 0 | 137 | 0 | 104 | 0 | 100 | 0 | 0 | 0 | 643 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 338 | 0 | 0 | 132 | 0 | 97 | 0 | 123 | 0 | 0 | 0 | 690 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 329 | 0 | 0 | 123 | 0 | 115 | 0 | 119 | 0 | 0 | 0 | 686 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 306 | 0 | 0 | 136 | 0 | 110 | 0 | 99 | 0 | 0 | 0 | 651 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 299 | 0 | 0 | 139 | 0 | 106 | 0 | 97 | 0 | 0 | 0 | 641 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 293 | 0 | 0 | 96 | 0 | 83 | 0 | 74 | 0 | 0 | 0 | 546 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 231 | 0 | 0 | 107 | 0 | 103 | 0 | 88 | 0 | 0 | 0 | 529 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 2,443 | 0 | 0 | 993 | 0 | 795 | 0 | 777 | 0 | 0 | 0 | 5,008 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 51% | 0% | 49% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 2,443 | / | 3,238 | 993 | / | 1,770 | 1,572 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 1,275 | 0 | 0 | 528 | 0 | 426 | 0 | 441 | 0 | 0 | 0 | 2,670 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 49% | 0% | 51% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.943 | | | 0.964 | | | 0.926 | | | 0.000 | | 0.967 | | | | | |
| | APP/DEPART | 1,275 | / | 1,701 | 528 | / | 969 | 867 | / | 0 | 0 | / | 0 | 0 | | | | | |



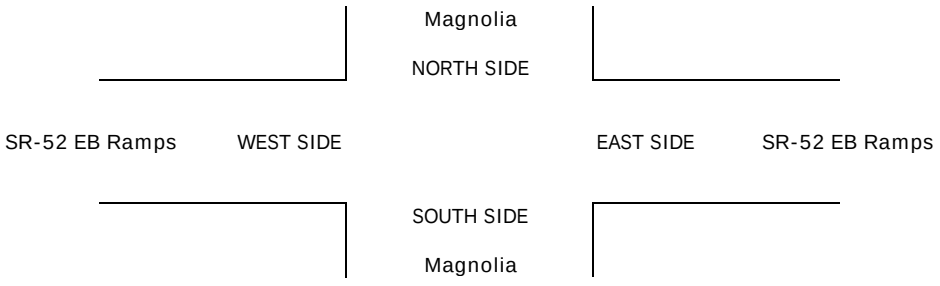
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 | |
| | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL | |

| CLASS 2: | NOTES: | AM | | ▲ N | |
|---|---|---|---|---|---|
| 2-AXLE | | PM | | | |
| WORK | | MD | ◄ W | | E ► |
| VEHICLES/ | | OTHER | | S | |
| TRUCKS | | OTHER | | ▼ | |

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 EB Ramps | | | WESTBOUND SR-52 EB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT 2 | NR X | SL X | ST 2 | SR X | EL 1 | ET X | ER 1 | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 22 | 0 | 0 | 5 | 0 | 8 | 0 | 8 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 17 | 0 | 0 | 6 | 0 | 9 | 0 | 5 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 16 | 0 | 0 | 8 | 0 | 5 | 0 | 7 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 21 | 0 | 0 | 10 | 0 | 6 | 0 | 4 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 24 | 0 | 0 | 15 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 32 | 0 | 0 | 8 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 27 | 0 | 0 | 8 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 17 | 0 | 0 | 10 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 176 | 0 | 0 | 70 | 0 | 42 | 0 | 34 | 0 | 0 | 0 | 322 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 55% | 0% | 45% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 176 | / | 218 | 70 | / | 104 | 76 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 93 | 0 | 0 | 41 | 0 | 18 | 0 | 16 | 0 | 0 | 0 | 168 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 53% | 0% | 47% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.727 | | | 0.683 | | | 0.708 | | | 0.000 | | 0.913 | | | | | |
| | APP/DEPART | 93 | / | 111 | 41 | / | 57 | 34 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 11 | 0 | 0 | 7 | 0 | 11 | 0 | 10 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 13 | 0 | 0 | 5 | 0 | 5 | 0 | 10 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 10 | 0 | 0 | 2 | 0 | 7 | 0 | 12 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 11 | 0 | 0 | 1 | 0 | 4 | 0 | 5 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 9 | 0 | 0 | 6 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 12 | 0 | 0 | 4 | 0 | 4 | 0 | 5 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 7 | 0 | 0 | 1 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 5 | 0 | 0 | 3 | 0 | 5 | 0 | 4 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 78 | 0 | 0 | 29 | 0 | 40 | 0 | 56 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 42% | 0% | 58% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 78 | / | 118 | 29 | / | 85 | 96 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 43 | 0 | 0 | 14 | 0 | 18 | 0 | 33 | 0 | 0 | 0 | 108 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 35% | 0% | 65% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.827 | | | 0.583 | | | 0.671 | | | 0.000 | | 0.818 | | | | | |
| | APP/DEPART | 43 | / | 61 | 14 | / | 47 | 51 | / | 0 | 0 | / | 0 | 0 | | | | | |



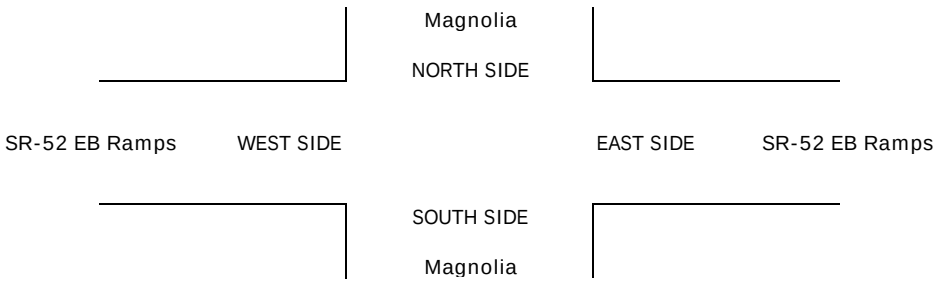
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 | |
| | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL | |

| CLASS 3: | NOTES: | AM / PM / MD / OTHER / OTHER | ▲ N / ◄ W / E ► / S ▼ |
|---|---|---|---|
| 3-AXLE TRUCKS | | | |

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 EB Ramps | | | WESTBOUND SR-52 EB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT 2 | NR X | SL X | ST 2 | SR X | EL 1 | ET X | ER 1 | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 32 | 0 | 0 | 14 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 32 | / | 32 | 14 | / | 18 | 4 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 27 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.792 | | | 0.625 | | | 0.750 | | | 0.000 | | 0.844 | | | | | |
| | APP/DEPART | 19 | / | 19 | 5 | / | 8 | 3 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 15 | 0 | 0 | 6 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 15 | / | 15 | 6 | / | 10 | 4 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 14 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.563 | | | 0.500 | | | 0.375 | | | 0.000 | | 0.583 | | | | | |
| | APP/DEPART | 9 | / | 9 | 2 | / | 5 | 3 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 | |
| | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL | |

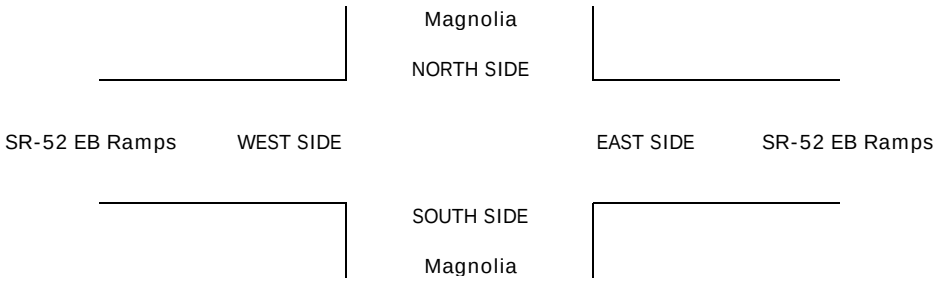
CLASS 4: 4 OR MORE AXLE TRUCKS

NOTES:

AM PM MD OTHER OTHER

▲ N ◄ W E ► S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 EB Ramps | | | WESTBOUND SR-52 EB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT 2 | NR X | SL X | ST 2 | SR X | EL 1 | ET X | ER 1 | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 9 | 0 | 0 | 1 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 50% | 0% | 50% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 9 | / | 13 | 1 | / | 5 | 8 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 3 | 0 | 0 | 1 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 9 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 60% | 0% | 40% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.375 | | | 0.250 | | | 0.625 | | | 0.000 | | 0.450 | | | | | |
| | APP/DEPART | 3 | / | 6 | 1 | / | 3 | 5 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 6 | 0 | 0 | 1 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 38% | 0% | 63% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 6 | / | 9 | 1 | / | 6 | 8 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 7 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 0% | 0% | 33% | 0% | 67% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.333 | | | 0.000 | | | 0.750 | | | 0.000 | | 0.438 | | | | | |
| | APP/DEPART | 4 | / | 5 | 0 | / | 2 | 3 | / | 0 | 0 | / | 0 | 0 | | | | | |



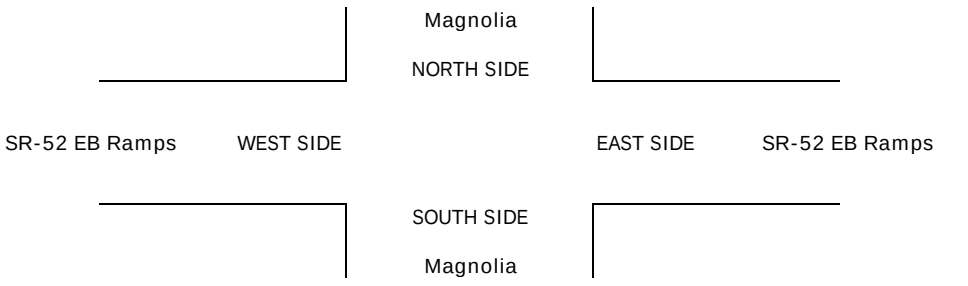
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 | |
| | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL | |

| CLASS 5: | NOTES: | AM | | ▲ N | |
|---|---|---|---|---|---|
| RV | | PM | | | |
| | | MD | ◄ W | | E ► |
| | | OTHER | | S | |
| | | OTHER | | ▼ | |

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 EB Ramps | | | WESTBOUND SR-52 EB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT 2 | NR X | SL X | ST 2 | SR X | EL 1 | ET X | ER 1 | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 2 | / | 2 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 1 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



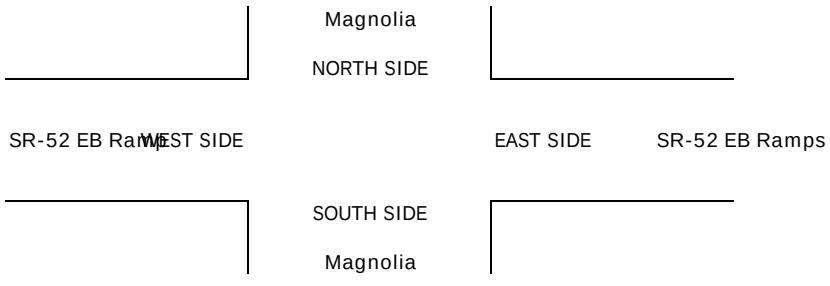
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 1 |
| TUESDAY | EAST & WEST: | SR-52 EB Ramps | CONTROL: | SIGNAL |

| CLASS 6: | NOTES: | AM / PM / MD / OTHER / OTHER |
|---|---|---|
| BUSES | | ▲ N ◄ W E ► S ▼ |

| | | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (SR-52 EB Ramps) | | | WESTBOUND (SR-52 EB Ramps) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL<br>X | NT<br>2 | NR<br>X | SL<br>X | ST<br>2 | SR<br>X | EL<br>1 | ET<br>X | ER<br>1 | WL<br>X | WT<br>X | WR<br>X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 13 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 13 | / | 13 | 5 | / | 5 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.500 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.750 | | | | | |
| | APP/DEPART | 4 | / | 4 | 2 | / | 2 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 5 | 0 | 0 | 4 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 50% | 0% | 50% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 5 | / | 7 | 4 | / | 6 | 4 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:15 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 3 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 7 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 100% | 0% | 50% | 0% | 50% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.375 | | | 0.500 | | | 0.500 | | | 0.000 | | 0.583 | | | | | |
| | APP/DEPART | 3 | / | 4 | 2 | / | 3 | 2 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Tue, May 2, 23

LOCATION: Santee
NORTH & SOUTH: Magnolia
EAST & WEST: SR-52 WB Ramps

PROJECT #: SC3984
LOCATION #: 2
CONTROL: SIGNAL

NOTES:

AM
PM
MD
OTHER
OTHER

▲ N
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E ►
S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 WB Ramps | | | WESTBOUND SR-52 WB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB 0 | SB 0 | EB 0 | WB 0 | TTL |
| AM | 7:00 AM | 81 | 213 | 25 | 99 | 64 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 555 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 81 | 252 | 36 | 141 | 90 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 656 | 0 | 1 | 0 | 0 | 1 |
| | 7:30 AM | 65 | 254 | 42 | 153 | 112 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 690 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 65 | 337 | 30 | 113 | 127 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 739 | 0 | 1 | 0 | 0 | 1 |
| | 8:00 AM | 66 | 306 | 27 | 117 | 123 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 686 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 77 | 306 | 32 | 116 | 117 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 714 | 0 | 1 | 0 | 0 | 1 |
| | 8:30 AM | 79 | 228 | 30 | 123 | 100 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 613 | 0 | 2 | 0 | 0 | 2 |
| | 8:45 AM | 64 | 247 | 37 | 117 | 80 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 598 | 0 | 4 | 0 | 0 | 4 |
| | VOLUMES | 578 | 2,143 | 259 | 979 | 813 | 479 | 0 | 0 | 0 | 0 | 0 | 0 | 5,251 | 0 | 9 | 0 | 0 | 9 |
| | APPROACH % | 19% | 72% | 9% | 43% | 36% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 2,980 | / | 2,152 | 2,271 | / | 813 | 0 | / | 1,229 | 0 | / | 1,057 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 273 | 1,203 | 131 | 499 | 479 | 244 | 0 | 0 | 0 | 0 | 0 | 0 | 2,829 | | | | | |
| | APPROACH % | 17% | 75% | 8% | 41% | 39% | 20% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.930 | | | 0.929 | | | 0.000 | | | 0.000 | | 0.957 | | | | | |
| | APP/DEPART | 1,607 | / | 1,205 | 1,222 | / | 479 | 0 | / | 628 | 0 | / | 517 | 0 | | | | | |
| PM | 4:00 PM | 70 | 335 | 42 | 122 | 132 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 778 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 67 | 324 | 38 | 121 | 144 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 751 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 51 | 371 | 34 | 137 | 136 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 792 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 73 | 355 | 38 | 110 | 124 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 771 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 53 | 338 | 38 | 170 | 145 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 824 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 43 | 346 | 33 | 166 | 143 | 94 | 0 | 0 | 0 | 0 | 0 | 0 | 825 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 59 | 304 | 21 | 151 | 100 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 702 | 0 | 1 | 0 | 0 | 1 |
| | 5:45 PM | 45 | 291 | 14 | 120 | 113 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 643 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 461 | 2,664 | 258 | 1,097 | 1,037 | 569 | 0 | 0 | 0 | 0 | 0 | 0 | 6,086 | 0 | 1 | 0 | 0 | 1 |
| | APPROACH % | 14% | 79% | 8% | 41% | 38% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 3,383 | / | 2,665 | 2,703 | / | 1,037 | 0 | / | 1,354 | 0 | / | 1,030 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 220 | 1,410 | 143 | 583 | 548 | 308 | 0 | 0 | 0 | 0 | 0 | 0 | 3,212 | | | | | |
| | APPROACH % | 12% | 80% | 8% | 41% | 38% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.951 | | | 0.893 | | | 0.000 | | | 0.000 | | 0.973 | | | | | |
| | APP/DEPART | 1,773 | / | 1,410 | 1,439 | / | 548 | 0 | / | 726 | 0 | / | 528 | 0 | | | | | |

Magnolia

NORTH SIDE

SR-52 WB Ramps WEST SIDE EAST SIDE SR-52 WB Ramps

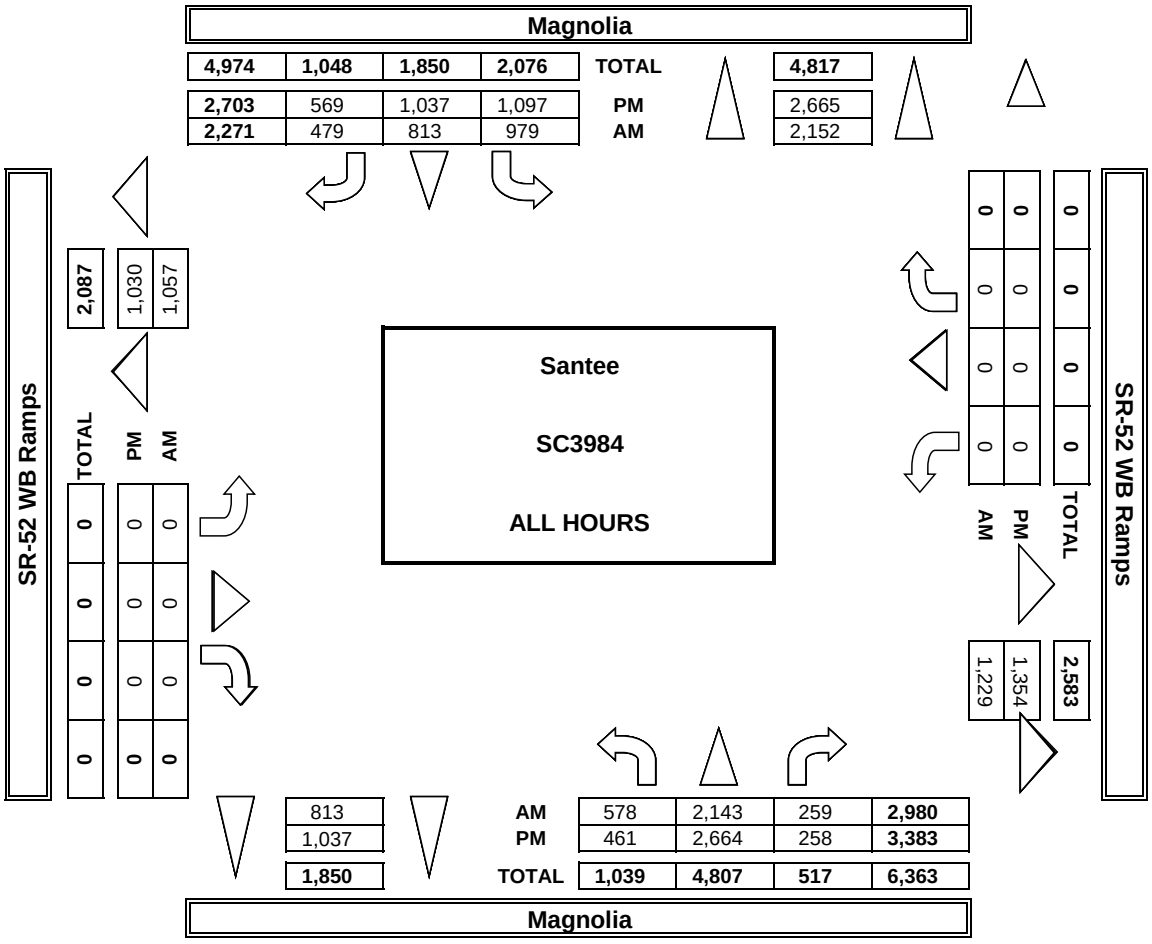
SOUTH SIDE

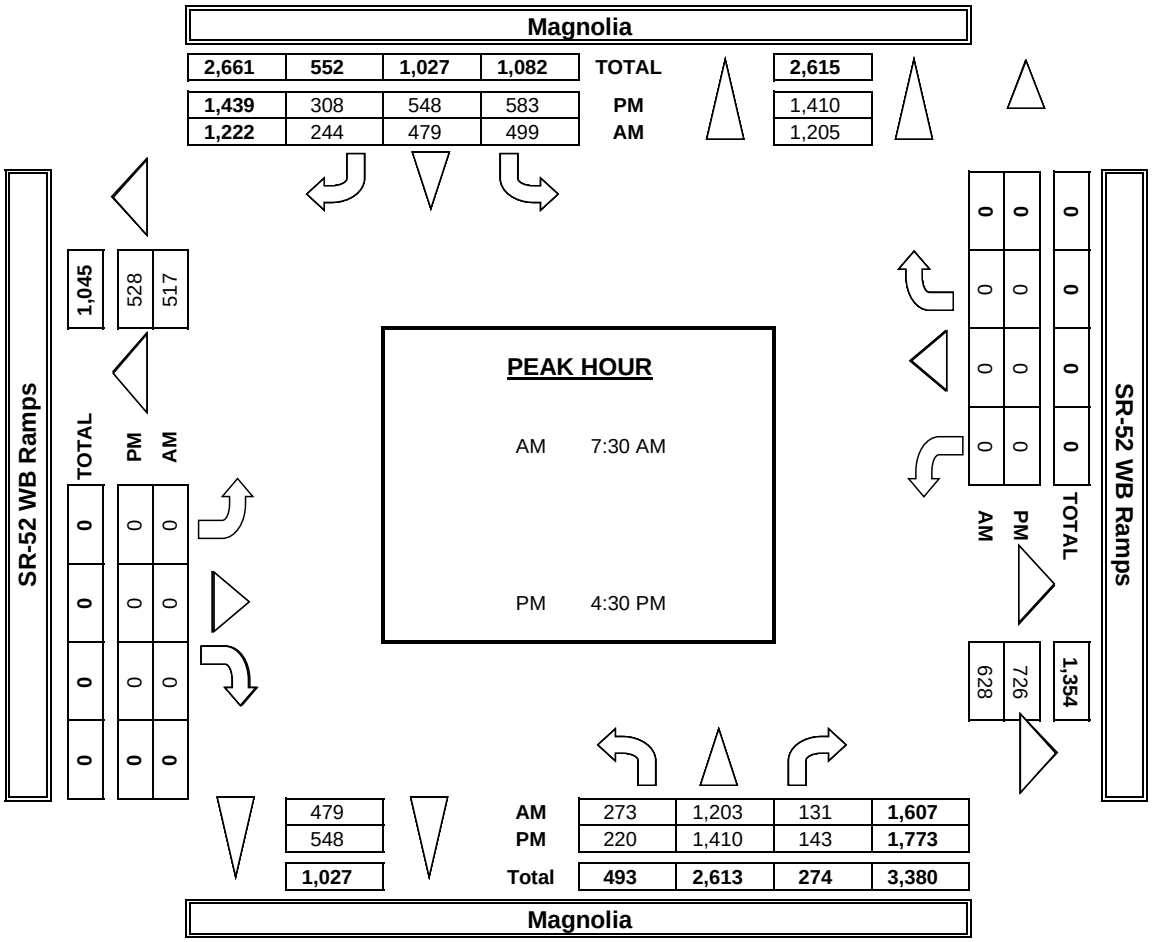
Magnolia

| | | ALL PED AND BIKE | | | | | PEDESTRIAN CROSSINGS | | | | | BICYCLE CROSSINGS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | NS | SS | ES | WS | TOTAL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| | 7:45 AM | 0 | 0 | 2 | 1 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 2 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 1 | 0 | 1 |
| | TOTAL | 0 | 0 | 10 | 3 | 13 | 0 | 0 | 8 | 1 | 9 | 0 | 0 | 2 | 2 | 4 |
| PM | 4:00 PM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 4 | 1 | 5 | 0 | 0 | 4 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 1 | 0 | 1 |
| | 5:00 PM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | 5:15 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| | TOTAL | 0 | 0 | 12 | 4 | 16 | 0 | 0 | 11 | 2 | 13 | 0 | 0 | 1 | 2 | 3 |

**AimTD LLC**

TURNING MOVEMENT COUNTS



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

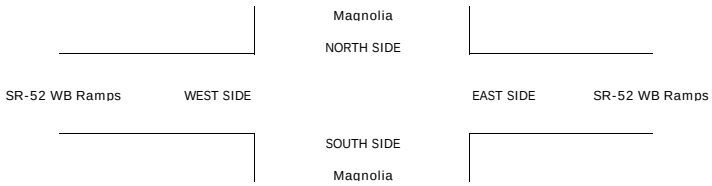
| | | | | | |
|---|---|---|---|---|---|
| DATE: 5/2/23 TUESDAY | LOCATION: | Santee | PROJECT #: | SC3984 |
| | NORTH & SOUTH: | Magnolia | LOCATION #: | 2 |
| | EAST & WEST: | SR-52 WB Ramps | CONTROL: | SIGNAL |

NOTES:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PCE Adjusted | Class | 1 | 2 | 3 | 4 | 5 | 6 | |
| | Factor | 1 | 1.5 | 2 | 3 | 2 | 2 | |

AM PM MD OTHER OTHER — ▲ N ◄ W E ► S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 WB Ramps | | | WESTBOUND SR-52 WB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 90 | 223 | 29 | 105 | 71 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 594 | | | | | 0 |
| | 7:15 AM | 85 | 265 | 41 | 151 | 96 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 695 | | | | | 0 |
| | 7:30 AM | 69 | 270 | 43 | 160 | 117 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 724 | | | | | 0 |
| | 7:45 AM | 69 | 351 | 31 | 116 | 134 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 770 | | | | | 0 |
| | 8:00 AM | 73 | 327 | 28 | 121 | 137 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 732 | | | | | 0 |
| | 8:15 AM | 82 | 319 | 38 | 125 | 122 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 757 | | | | | 0 |
| | 8:30 AM | 87 | 244 | 33 | 125 | 108 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 651 | | | | | 0 |
| | 8:45 AM | 69 | 259 | 41 | 122 | 87 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 632 | | | | | 0 |
| | VOLUMES | 622 | 2,257 | 282 | 1,023 | 871 | 501 | 0 | 0 | 0 | 0 | 0 | 0 | 5,555 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 20% | 71% | 9% | 43% | 36% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 3,160 | / | 2,257 | 2,395 | / | 871 | 0 | / | 1,304 | 0 | / | 1,123 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 292 | 1,267 | 139 | 521 | 510 | 255 | 0 | 0 | 0 | 0 | 0 | 0 | 2,983 | | | | | |
| | APPROACH % | 17% | 75% | 8% | 41% | 40% | 20% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.942 | | | 0.938 | | | 0.000 | | | 0.000 | | 0.969 | | | | | |
| | APP/DEPART | 1,698 | / | 1,267 | 1,285 | / | 510 | 0 | / | 660 | 0 | / | 547 | 0 | | | | | |
| PM | 4:00 PM | 72 | 349 | 43 | 126 | 139 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 806 | | | | | 0 |
| | 4:15 PM | 71 | 336 | 39 | 126 | 148 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 778 | | | | | 0 |
| | 4:30 PM | 53 | 381 | 35 | 138 | 138 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 810 | | | | | 0 |
| | 4:45 PM | 81 | 365 | 39 | 114 | 125 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 795 | | | | | 0 |
| | 5:00 PM | 54 | 346 | 39 | 172 | 150 | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 841 | | | | | 0 |
| | 5:15 PM | 45 | 355 | 34 | 168 | 145 | 97 | 0 | 0 | 0 | 0 | 0 | 0 | 843 | | | | | 0 |
| | 5:30 PM | 62 | 309 | 21 | 154 | 104 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 718 | | | | | 0 |
| | 5:45 PM | 46 | 301 | 14 | 123 | 117 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 663 | | | | | 0 |
| | VOLUMES | 482 | 2,739 | 262 | 1,120 | 1,064 | 587 | 0 | 0 | 0 | 0 | 0 | 0 | 6,253 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 14% | 79% | 8% | 40% | 38% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 3,483 | / | 2,739 | 2,770 | / | 1,064 | 0 | / | 1,382 | 0 | / | 1,069 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 232 | 1,445 | 146 | 592 | 558 | 317 | 0 | 0 | 0 | 0 | 0 | 0 | 3,288 | | | | | |
| | APPROACH % | 13% | 79% | 8% | 40% | 38% | 22% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.942 | | | 0.895 | | | 0.000 | | | 0.000 | | 0.976 | | | | | |
| | APP/DEPART | 1,823 | / | 1,445 | 1,466 | / | 558 | 0 | / | 737 | 0 | / | 549 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

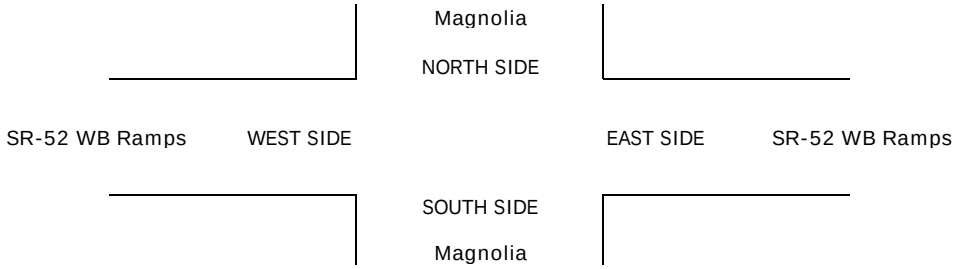
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 2 |
| TUESDAY | EAST & WEST: | SR-52 WB Ramps | CONTROL: | SIGNAL |

CLASS 1: PASSENGER VEHICLES

NOTES:

AM PM MD OTHER OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (SR-52 WB Ramps) | | | WESTBOUND (SR-52 WB Ramps) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 69 | 194 | 20 | 92 | 55 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 499 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 74 | 233 | 30 | 128 | 81 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 597 | 0 | 1 | 0 | 0 | 1 |
| | 7:30 AM | 60 | 231 | 40 | 140 | 103 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 635 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 58 | 313 | 29 | 108 | 115 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 686 | 0 | 1 | 0 | 0 | 1 |
| | 8:00 AM | 58 | 277 | 26 | 110 | 103 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 619 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 68 | 283 | 24 | 101 | 108 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 641 | 0 | 1 | 0 | 0 | 1 |
| | 8:30 AM | 66 | 205 | 25 | 119 | 88 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 553 | 0 | 2 | 0 | 0 | 2 |
| | 8:45 AM | 55 | 233 | 33 | 109 | 68 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 546 | 0 | 4 | 0 | 0 | 4 |
| | VOLUMES | 508 | 1,969 | 227 | 907 | 721 | 444 | 0 | 0 | 0 | 0 | 0 | 0 | 4,776 | 0 | 9 | 0 | 0 | 9 |
| | APPROACH % | 19% | 73% | 8% | 44% | 35% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 2,704 | / | 1,978 | 2,072 | / | 721 | 0 | / | 1,125 | 0 | / | 952 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 244 | 1,104 | 119 | 457 | 429 | 226 | 0 | 0 | 0 | 0 | 0 | 0 | 2,581 | | | | | |
| | APPROACH % | 17% | 75% | 8% | 41% | 39% | 20% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.917 | | | 0.916 | | | 0.000 | | | 0.000 | | 0.941 | | | | | |
| | APP/DEPART | 1,467 | / | 1,106 | 1,114 | / | 429 | 0 | / | 576 | 0 | / | 470 | 0 | | | | | |
| PM | 4:00 PM | 67 | 315 | 40 | 117 | 123 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 736 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 61 | 307 | 37 | 115 | 138 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 711 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 48 | 355 | 32 | 135 | 133 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 762 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 67 | 340 | 37 | 105 | 123 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 741 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 52 | 327 | 37 | 167 | 137 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 798 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 39 | 333 | 32 | 163 | 139 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 794 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 54 | 298 | 21 | 147 | 96 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 681 | 0 | 1 | 0 | 0 | 1 |
| | 5:45 PM | 44 | 276 | 14 | 115 | 108 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 615 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 432 | 2,551 | 250 | 1,064 | 997 | 544 | 0 | 0 | 0 | 0 | 0 | 0 | 5,838 | 0 | 1 | 0 | 0 | 1 |
| | APPROACH % | 13% | 79% | 8% | 41% | 38% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 3,233 | / | 2,552 | 2,605 | / | 997 | 0 | / | 1,313 | 0 | / | 976 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 206 | 1,355 | 138 | 570 | 532 | 294 | 0 | 0 | 0 | 0 | 0 | 0 | 3,095 | | | | | |
| | APPROACH % | 12% | 80% | 8% | 41% | 38% | 21% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.957 | | | 0.895 | | | 0.000 | | | 0.000 | | 0.970 | | | | | |
| | APP/DEPART | 1,699 | / | 1,355 | 1,396 | / | 532 | 0 | / | 708 | 0 | / | 500 | 0 | | | | | |



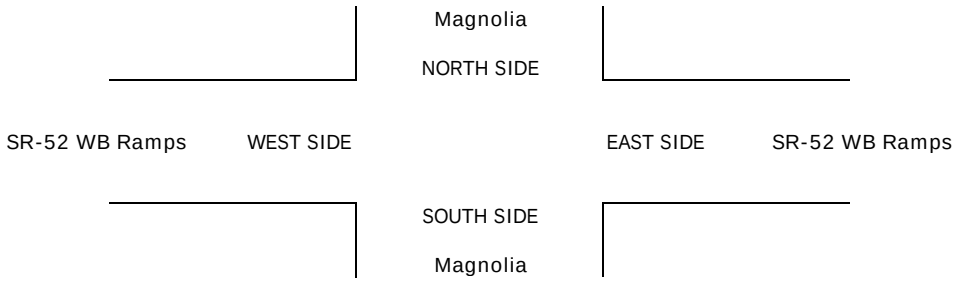
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 2 | |
| | EAST & WEST: | SR-52 WB Ramps | CONTROL: | SIGNAL | |

| CLASS 2: | NOTES: | AM | | ▲ N | |
|---|---|---|---|---|---|
| 2-AXLE | | PM | | | |
| WORK | | MD | ◄ W | | E ► |
| VEHICLES/ | | OTHER | | S | |
| TRUCKS | | OTHER | | ▼ | |

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 WB Ramps | | | WESTBOUND SR-52 WB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 9 | 18 | 3 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 7 | 14 | 5 | 9 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 2 | 17 | 2 | 12 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 6 | 20 | 1 | 5 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 5 | 22 | 1 | 7 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 9 | 20 | 6 | 12 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 10 | 17 | 4 | 4 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 8 | 9 | 3 | 7 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 56 | 137 | 25 | 61 | 70 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 379 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 26% | 63% | 11% | 38% | 43% | 19% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 218 | / | 137 | 161 | / | 70 | 0 | / | 86 | 0 | / | 86 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 22 | 79 | 10 | 36 | 41 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 203 | | | | | |
| | APPROACH % | 20% | 71% | 9% | 39% | 45% | 16% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.793 | | | 0.852 | | | 0.000 | | | 0.000 | | 0.819 | | | | | |
| | APP/DEPART | 111 | / | 79 | 92 | / | 41 | 0 | / | 46 | 0 | / | 37 | 0 | | | | | |
| PM | 4:00 PM | 3 | 17 | 2 | 4 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 4 | 13 | 1 | 5 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 2 | 13 | 2 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 3 | 11 | 1 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 1 | 9 | 1 | 2 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 4 | 11 | 1 | 3 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 5 | 4 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 10 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 22 | 88 | 8 | 27 | 29 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 193 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 19% | 75% | 7% | 36% | 39% | 25% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 118 | / | 88 | 75 | / | 29 | 0 | / | 35 | 0 | / | 41 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 10 | 44 | 5 | 11 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 94 | | | | | |
| | APPROACH % | 17% | 75% | 8% | 31% | 37% | 31% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.868 | | | 0.673 | | | 0.000 | | | 0.000 | | 0.810 | | | | | |
| | APP/DEPART | 59 | / | 44 | 35 | / | 13 | 0 | / | 16 | 0 | / | 21 | 0 | | | | | |



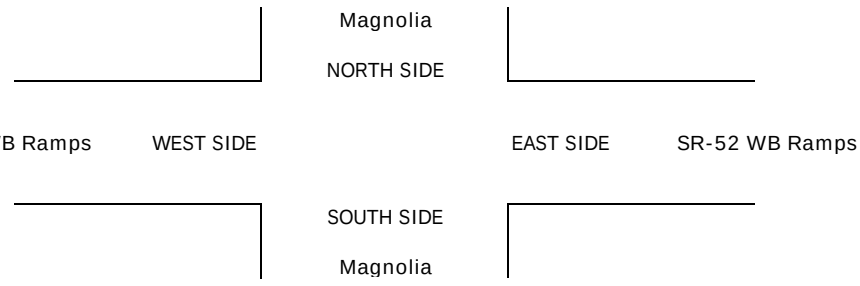
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 2 | |
| | EAST & WEST: | SR-52 WB Ramps | CONTROL: | SIGNAL | |

| CLASS 3: | NOTES: | AM / PM / MD / OTHER / OTHER |
|---|---|---|
| 3-AXLE TRUCKS | | ▲ N ◄ W E ► S ▼ |

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 WB Ramps | | | WESTBOUND SR-52 WB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 2 | 1 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 2 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 1 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 2 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 2 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 1 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 9 | 20 | 3 | 7 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 28% | 63% | 9% | 29% | 58% | 13% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 32 | / | 20 | 24 | / | 14 | 0 | / | 10 | 0 | / | 12 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 5 | 13 | 1 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | | | | | |
| | APPROACH % | 26% | 68% | 5% | 33% | 42% | 25% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.792 | | | 0.500 | | | 0.000 | | | 0.000 | | 0.861 | | | | | |
| | APP/DEPART | 19 | / | 13 | 12 | / | 5 | 0 | / | 5 | 0 | / | 8 | 0 | | | | | |
| PM | 4:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 1 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 4 | 11 | 0 | 2 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 27% | 73% | 0% | 17% | 50% | 33% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 15 | / | 11 | 12 | / | 6 | 0 | / | 2 | 0 | / | 8 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 6 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | | | | | |
| | APPROACH % | 14% | 86% | 0% | 0% | 25% | 75% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.438 | | | 0.500 | | | 0.000 | | | 0.000 | | 0.550 | | | | | |
| | APP/DEPART | 7 | / | 6 | 4 | / | 1 | 0 | / | 0 | 0 | / | 4 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 2 | |
| | EAST & WEST: | SR-52 WB Ramps | CONTROL: | SIGNAL | |

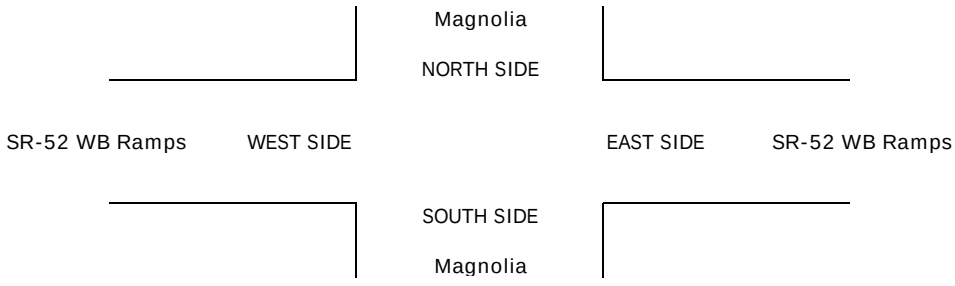
CLASS 4: 4 OR MORE AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER

▲ N ◄ W E ► S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 WB Ramps | | | WESTBOUND SR-52 WB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 2 | 8 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 15% | 62% | 23% | 40% | 20% | 40% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 13 | / | 8 | 5 | / | 1 | 0 | / | 5 | 0 | / | 4 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | | | | | |
| | APPROACH % | 17% | 67% | 17% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.375 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.350 | | | | | |
| | APP/DEPART | 6 | / | 4 | 1 | / | 1 | 0 | / | 1 | 0 | / | 1 | 0 | | | | | |
| PM | 4:00 PM | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 3 | 6 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 33% | 67% | 0% | 50% | 17% | 33% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 9 | / | 6 | 6 | / | 1 | 0 | / | 3 | 0 | / | 5 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | | | | | |
| | APPROACH % | 60% | 40% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.417 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.375 | | | | | |
| | APP/DEPART | 5 | / | 2 | 1 | / | 0 | 0 | / | 1 | 0 | / | 3 | 0 | | | | | |



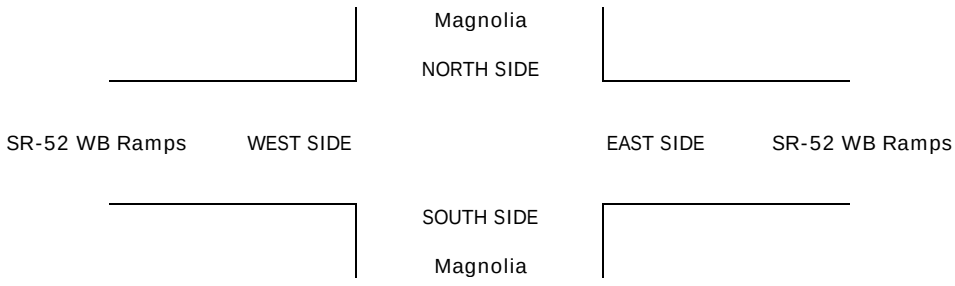
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Magnolia | LOCATION #: | 2 | |
| | EAST & WEST: | SR-52 WB Ramps | CONTROL: | SIGNAL | |

| CLASS 5: | NOTES: | AM | | ▲ N | |
|---|---|---|---|---|---|
| RV | | PM | ◄ W | | E ► |
| | | MD | | | |
| | | OTHER | | S ▼ | |
| | | OTHER | | | |

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND SR-52 WB Ramps | | | WESTBOUND SR-52 WB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 2 | / | 2 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 1 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 1 | / | 1 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

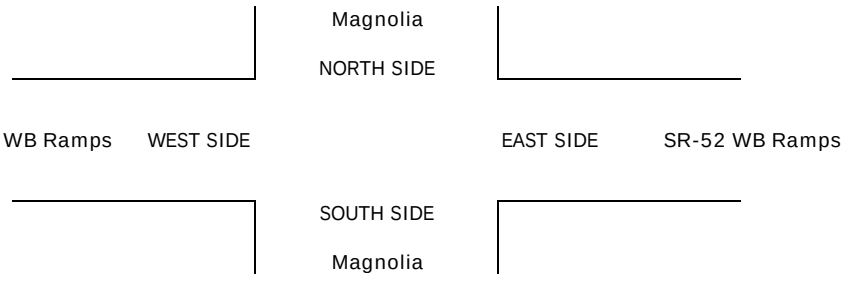
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 2 |
| TUESDAY | EAST & WEST: | SR-52 WB Ramps | CONTROL: | SIGNAL |

| CLASS 6: | NOTES: |
|---|---|
| BUSES | |

AM / PM / MD / OTHER / OTHER — ▲ N ◄ W E ► S ▼

| | | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (SR-52 WB Ramps) | | | WESTBOUND (SR-52 WB Ramps) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 3 | NR 1 | SL 2 | ST 2 | SR 0 | EL X | ET X | ER X | WL X | WT X | WR X | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 3 | 9 | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 23% | 69% | 8% | 29% | 71% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 13 | / | 9 | 7 | / | 5 | 0 | / | 3 | 0 | / | 3 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | | | | | |
| | APPROACH % | 25% | 75% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.500 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.750 | | | | | |
| | APP/DEPART | 4 | / | 3 | 2 | / | 2 | 0 | / | 0 | 0 | / | 1 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 7 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 20% | 80% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 7 | / | 7 | 5 | / | 4 | 0 | / | 1 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 3 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 33% | 67% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.250 | | | 0.375 | | | 0.000 | | | 0.000 | | 0.500 | | | | | |
| | APP/DEPART | 3 | / | 3 | 3 | / | 2 | 0 | / | 1 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Tue, May 2, 23

LOCATION: Santee
NORTH & SOUTH: Magnolia
EAST & WEST: Woodside

PROJECT #: SC3984
LOCATION #: 3
CONTROL: SIGNAL

NOTES:

AM / PM / MD / OTHER / OTHER

N ▲ S ▼ ◄ W E ►

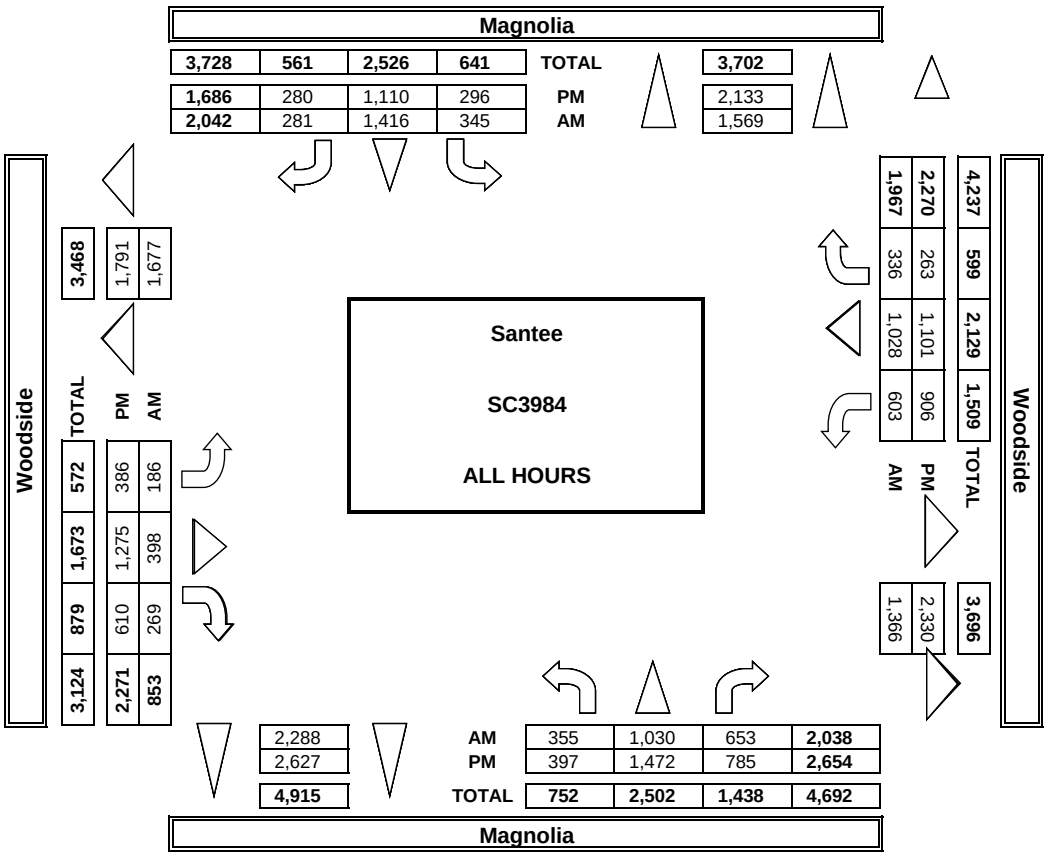
| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB 0 | SB 0 | EB 0 | WB 0 | TTL |
| AM | 7:00 AM | 29 | 89 | 80 | 33 | 162 | 21 | 17 | 32 | 20 | 55 | 93 | 24 | 655 | 0 | 2 | 2 | 0 | 4 |
| | 7:15 AM | 38 | 126 | 71 | 46 | 167 | 29 | 22 | 43 | 29 | 82 | 127 | 47 | 827 | 0 | 4 | 0 | 0 | 4 |
| | 7:30 AM | 46 | 122 | 86 | 56 | 218 | 33 | 22 | 53 | 34 | 80 | 140 | 43 | 933 | 0 | 6 | 1 | 0 | 7 |
| | 7:45 AM | 44 | 123 | 133 | 64 | 200 | 52 | 19 | 59 | 36 | 83 | 125 | 41 | 979 | 0 | 4 | 3 | 0 | 7 |
| | 8:00 AM | 58 | 159 | 65 | 56 | 164 | 36 | 26 | 48 | 37 | 82 | 160 | 68 | 959 | 0 | 7 | 1 | 0 | 8 |
| | 8:15 AM | 50 | 182 | 90 | 40 | 187 | 32 | 22 | 47 | 41 | 72 | 126 | 43 | 932 | 0 | 4 | 2 | 0 | 6 |
| | 8:30 AM | 38 | 109 | 59 | 32 | 181 | 40 | 28 | 61 | 40 | 74 | 114 | 39 | 815 | 0 | 2 | 3 | 0 | 5 |
| | 8:45 AM | 52 | 120 | 69 | 18 | 137 | 38 | 30 | 55 | 32 | 75 | 143 | 31 | 800 | 0 | 1 | 1 | 0 | 2 |
| | VOLUMES | 355 | 1,030 | 653 | 345 | 1,416 | 281 | 186 | 398 | 269 | 603 | 1,028 | 336 | 6,900 | 0 | 30 | 13 | 0 | 43 |
| | APPROACH % | 17% | 51% | 32% | 17% | 69% | 14% | 22% | 47% | 32% | 31% | 52% | 17% | | | | | | |
| | APP/DEPART | 2,038 | / | 1,569 | 2,042 | / | 2,288 | 853 | / | 1,366 | 1,967 | / | 1,677 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 198 | 586 | 374 | 216 | 769 | 153 | 89 | 207 | 148 | 317 | 551 | 195 | 3,803 | | | | | |
| | APPROACH % | 17% | 51% | 32% | 19% | 68% | 13% | 20% | 47% | 33% | 30% | 52% | 18% | | | | | | |
| | PEAK HR FACTOR | | 0.899 | | | 0.900 | | | 0.974 | | | 0.857 | | 0.971 | | | | | |
| | APP/DEPART | 1,158 | / | 884 | 1,138 | / | 1,234 | 444 | / | 776 | 1,063 | / | 909 | 0 | | | | | |
| PM | 4:00 PM | 50 | 194 | 104 | 45 | 120 | 41 | 44 | 167 | 75 | 104 | 156 | 43 | 1,143 | 1 | 7 | 3 | 0 | 11 |
| | 4:15 PM | 61 | 181 | 96 | 35 | 138 | 32 | 44 | 143 | 94 | 106 | 139 | 30 | 1,099 | 0 | 1 | 1 | 0 | 2 |
| | 4:30 PM | 57 | 192 | 102 | 40 | 155 | 34 | 42 | 172 | 80 | 89 | 128 | 37 | 1,128 | 0 | 1 | 2 | 0 | 3 |
| | 4:45 PM | 44 | 210 | 102 | 35 | 134 | 28 | 65 | 153 | 76 | 81 | 120 | 26 | 1,074 | 0 | 2 | 0 | 0 | 2 |
| | 5:00 PM | 48 | 172 | 104 | 37 | 174 | 38 | 50 | 189 | 98 | 127 | 140 | 41 | 1,218 | 0 | 6 | 1 | 0 | 7 |
| | 5:15 PM | 46 | 215 | 89 | 36 | 148 | 33 | 56 | 133 | 66 | 174 | 152 | 35 | 1,183 | 0 | 6 | 3 | 0 | 9 |
| | 5:30 PM | 44 | 150 | 93 | 35 | 112 | 30 | 34 | 171 | 62 | 113 | 126 | 23 | 993 | 0 | 1 | 1 | 0 | 2 |
| | 5:45 PM | 47 | 158 | 95 | 33 | 129 | 44 | 51 | 147 | 59 | 112 | 140 | 28 | 1,043 | 0 | 2 | 3 | 0 | 5 |
| | VOLUMES | 397 | 1,472 | 785 | 296 | 1,110 | 280 | 386 | 1,275 | 610 | 906 | 1,101 | 263 | 8,881 | 1 | 26 | 14 | 0 | 41 |
| | APPROACH % | 15% | 55% | 30% | 18% | 66% | 17% | 17% | 56% | 27% | 40% | 49% | 12% | | | | | | |
| | APP/DEPART | 2,654 | / | 2,133 | 1,686 | / | 2,627 | 2,271 | / | 2,330 | 2,270 | / | 1,791 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 195 | 789 | 397 | 148 | 611 | 133 | 213 | 647 | 320 | 471 | 540 | 139 | 4,603 | | | | | |
| | APPROACH % | 14% | 57% | 29% | 17% | 68% | 15% | 18% | 55% | 27% | 41% | 47% | 12% | | | | | | |
| | PEAK HR FACTOR | | 0.970 | | | 0.896 | | | 0.875 | | | 0.796 | | 0.945 | | | | | |
| | APP/DEPART | 1,381 | / | 1,150 | 892 | / | 1,402 | 1,180 | / | 1,177 | 1,150 | / | 874 | 0 | | | | | |

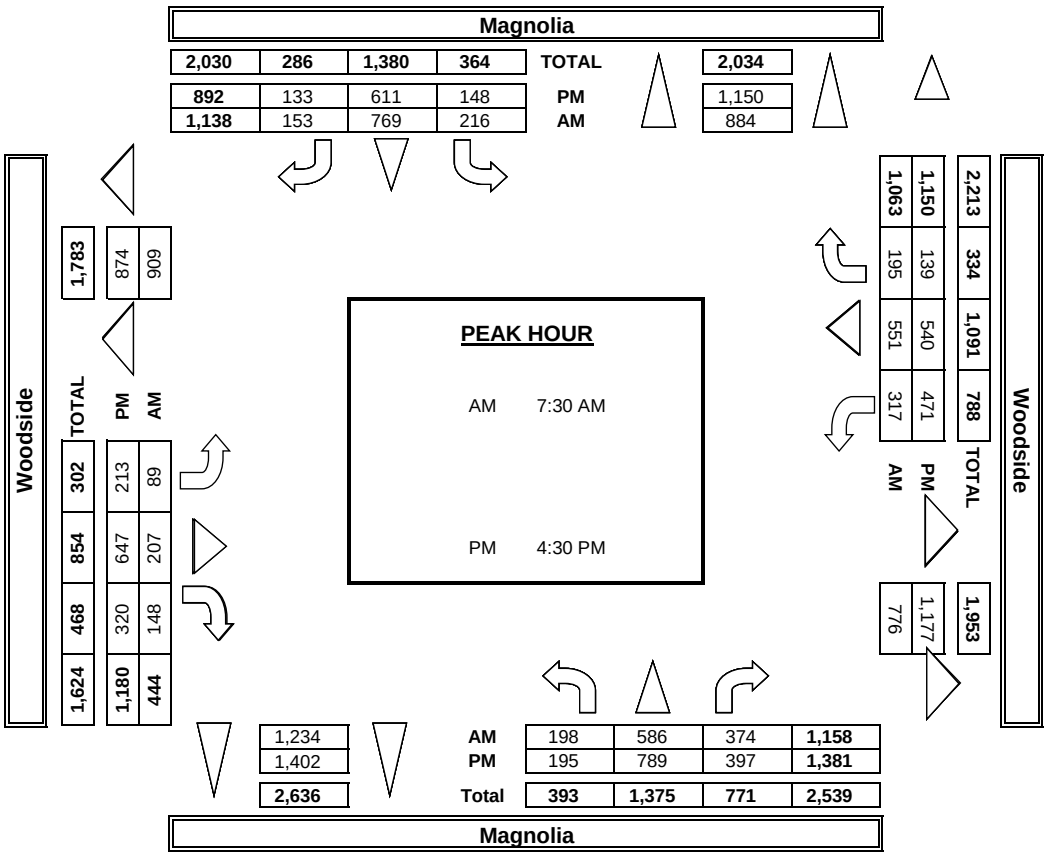



| | | ALL PED AND BIKE | | | | | PEDESTRIAN CROSSINGS | | | | | BICYCLE CROSSINGS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | NS | SS | ES | WS | TOTAL |
| AM | 7:00 AM | 1 | 1 | 2 | 0 | 4 | 1 | 0 | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 1 |
| | 7:15 AM | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 1 | 3 | 2 | 1 | 7 | 1 | 2 | 2 | 0 | 5 | 0 | 1 | 0 | 1 | 2 |
| | 7:45 AM | 0 | 1 | 5 | 0 | 6 | 0 | 0 | 3 | 0 | 3 | 0 | 1 | 2 | 0 | 3 |
| | 8:00 AM | 2 | 2 | 0 | 2 | 6 | 0 | 2 | 0 | 1 | 3 | 2 | 0 | 0 | 1 | 3 |
| | 8:15 AM | 2 | 1 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 |
| | 8:30 AM | 2 | 1 | 3 | 1 | 7 | 2 | 1 | 3 | 1 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 3 | 1 | 3 | 1 | 8 | 3 | 0 | 2 | 1 | 6 | 0 | 1 | 1 | 0 | 2 |
| | TOTAL | 11 | 11 | 15 | 5 | 42 | 8 | 7 | 12 | 3 | 30 | 3 | 4 | 3 | 2 | 12 |
| PM | 4:00 PM | 4 | 3 | 6 | 3 | 16 | 3 | 3 | 5 | 2 | 13 | 1 | 0 | 1 | 1 | 3 |
| | 4:15 PM | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 2 | 0 | 1 | 2 | 5 | 2 | 0 | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 2 | 0 | 2 | 1 | 5 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 4 |
| | 5:00 PM | 3 | 3 | 2 | 0 | 8 | 1 | 1 | 2 | 0 | 4 | 2 | 2 | 0 | 0 | 4 |
| | 5:15 PM | 2 | 0 | 3 | 1 | 6 | 2 | 0 | 2 | 0 | 4 | 0 | 0 | 1 | 1 | 2 |
| | 5:30 PM | 2 | 1 | 1 | 0 | 4 | 1 | 1 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 1 |
| | 5:45 PM | 4 | 1 | 1 | 1 | 7 | 2 | 1 | 0 | 0 | 3 | 2 | 0 | 1 | 1 | 4 |
| | TOTAL | 19 | 8 | 18 | 10 | 55 | 11 | 6 | 13 | 7 | 37 | 8 | 2 | 5 | 3 | 18 |

**AimTD LLC**

TURNING MOVEMENT COUNTS



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 3 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | SIGNAL |

| | NOTES: | | | | | | | | | AM | | ▲ N | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCE | Class | 1 | 2 | 3 | 4 | 5 | 6 | | | PM | | | |
| Adjusted | Factor | 1 | 1.5 | 2 | 3 | 2 | 2 | | | MD | ◄ W | | E ► |
| | | | | | | | | | | OTHER | | S | |
| | | | | | | | | | | OTHER | | ▼ | |

| | | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 30 | 92 | 84 | 35 | 164 | 22 | 19 | 38 | 22 | 63 | 99 | 24 | 690 | | | | | 0 |
| | 7:15 AM | 40 | 131 | 79 | 48 | 175 | 31 | 22 | 44 | 34 | 88 | 138 | 50 | 876 | | | | | 0 |
| | 7:30 AM | 50 | 126 | 98 | 58 | 223 | 34 | 22 | 57 | 36 | 88 | 148 | 44 | 979 | | | | | 0 |
| | 7:45 AM | 47 | 131 | 134 | 68 | 207 | 53 | 20 | 63 | 40 | 92 | 128 | 44 | 1,023 | | | | | 0 |
| | 8:00 AM | 60 | 171 | 72 | 59 | 169 | 37 | 28 | 53 | 40 | 91 | 166 | 70 | 1,012 | | | | | 0 |
| | 8:15 AM | 56 | 188 | 100 | 42 | 191 | 35 | 22 | 50 | 42 | 84 | 133 | 45 | 984 | | | | | 0 |
| | 8:30 AM | 41 | 116 | 64 | 34 | 186 | 41 | 30 | 63 | 45 | 83 | 118 | 42 | 860 | | | | | 0 |
| | 8:45 AM | 56 | 123 | 78 | 18 | 143 | 40 | 31 | 60 | 34 | 80 | 148 | 32 | 840 | | | | | 0 |
| | VOLUMES | 377 | 1,076 | 707 | 360 | 1,455 | 291 | 193 | 425 | 291 | 666 | 1,075 | 349 | 7,263 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 17% | 50% | 33% | 17% | 69% | 14% | 21% | 47% | 32% | 32% | 51% | 17% | | | | | | |
| | APP/DEPART | 2,159 | / | 1,617 | 2,106 | / | 2,412 | 909 | / | 1,492 | 2,090 | / | 1,742 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 212 | 615 | 403 | 226 | 789 | 158 | 91 | 221 | 157 | 353 | 574 | 202 | 3,998 | | | | | |
| | APPROACH % | 17% | 50% | 33% | 19% | 67% | 13% | 19% | 47% | 33% | 31% | 51% | 18% | | | | | | |
| | PEAK HR FACTOR | | 0.897 | | | 0.894 | | | 0.961 | | | 0.865 | | 0.977 | | | | | |
| | APP/DEPART | 1,229 | / | 907 | 1,172 | / | 1,299 | 469 | / | 850 | 1,128 | / | 943 | 0 | | | | | |
| PM | 4:00 PM | 51 | 196 | 115 | 46 | 124 | 42 | 45 | 171 | 77 | 112 | 161 | 44 | 1,181 | | | | | 0 |
| | 4:15 PM | 62 | 185 | 105 | 35 | 141 | 33 | 45 | 144 | 97 | 112 | 143 | 33 | 1,133 | | | | | 0 |
| | 4:30 PM | 59 | 195 | 107 | 42 | 161 | 38 | 43 | 177 | 82 | 91 | 133 | 37 | 1,161 | | | | | 0 |
| | 4:45 PM | 46 | 213 | 107 | 35 | 136 | 29 | 66 | 155 | 77 | 84 | 121 | 27 | 1,094 | | | | | 0 |
| | 5:00 PM | 48 | 176 | 106 | 37 | 178 | 40 | 50 | 191 | 100 | 130 | 142 | 42 | 1,238 | | | | | 0 |
| | 5:15 PM | 47 | 217 | 96 | 36 | 150 | 33 | 59 | 134 | 66 | 178 | 155 | 37 | 1,206 | | | | | 0 |
| | 5:30 PM | 46 | 152 | 97 | 37 | 117 | 32 | 34 | 172 | 65 | 119 | 131 | 24 | 1,023 | | | | | 0 |
| | 5:45 PM | 48 | 164 | 101 | 34 | 133 | 45 | 52 | 149 | 62 | 116 | 142 | 29 | 1,073 | | | | | 0 |
| | VOLUMES | 405 | 1,498 | 832 | 301 | 1,137 | 289 | 393 | 1,291 | 624 | 940 | 1,127 | 271 | 9,105 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 15% | 55% | 30% | 17% | 66% | 17% | 17% | 56% | 27% | 40% | 48% | 12% | | | | | | |
| | APP/DEPART | 2,734 | / | 2,161 | 1,727 | / | 2,701 | 2,307 | / | 2,423 | 2,338 | / | 1,821 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 199 | 801 | 415 | 150 | 624 | 139 | 218 | 655 | 325 | 482 | 550 | 143 | 4,697 | | | | | |
| | APPROACH % | 14% | 57% | 29% | 16% | 68% | 15% | 18% | 55% | 27% | 41% | 47% | 12% | | | | | | |
| | PEAK HR FACTOR | | 0.967 | | | 0.897 | | | 0.879 | | | 0.796 | | 0.949 | | | | | |
| | APP/DEPART | 1,414 | / | 1,161 | 912 | / | 1,430 | 1,197 | / | 1,219 | 1,175 | / | 888 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

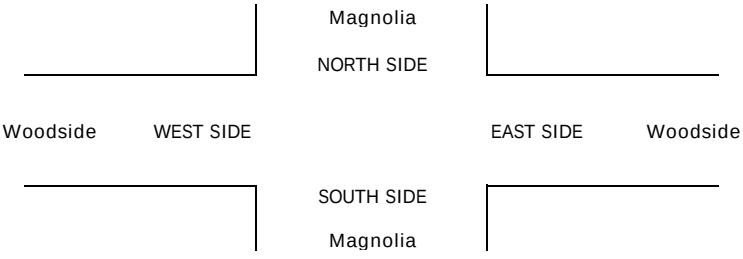
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 3 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | SIGNAL |

CLASS 1: PASSENGER VEHICLES

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 28 | 83 | 73 | 30 | 158 | 20 | 14 | 26 | 18 | 47 | 82 | 24 | 603 | 0 | 2 | 2 | 0 | 4 |
| | 7:15 AM | 36 | 120 | 61 | 44 | 156 | 27 | 22 | 42 | 24 | 75 | 109 | 43 | 759 | 0 | 4 | 0 | 0 | 4 |
| | 7:30 AM | 40 | 116 | 72 | 54 | 213 | 32 | 22 | 46 | 33 | 66 | 129 | 42 | 865 | 0 | 6 | 1 | 0 | 7 |
| | 7:45 AM | 39 | 112 | 131 | 60 | 190 | 51 | 18 | 53 | 31 | 67 | 120 | 37 | 909 | 0 | 4 | 3 | 0 | 7 |
| | 8:00 AM | 55 | 146 | 55 | 52 | 156 | 35 | 24 | 42 | 33 | 69 | 150 | 66 | 883 | 0 | 7 | 1 | 0 | 8 |
| | 8:15 AM | 46 | 172 | 80 | 37 | 182 | 29 | 22 | 42 | 40 | 57 | 116 | 42 | 865 | 0 | 4 | 2 | 0 | 6 |
| | 8:30 AM | 34 | 103 | 52 | 28 | 173 | 39 | 25 | 57 | 35 | 60 | 107 | 36 | 749 | 0 | 2 | 3 | 0 | 5 |
| | 8:45 AM | 48 | 115 | 60 | 18 | 127 | 35 | 28 | 48 | 29 | 65 | 135 | 30 | 738 | 0 | 1 | 1 | 0 | 2 |
| | VOLUMES | 326 | 967 | 584 | 323 | 1,355 | 268 | 175 | 356 | 243 | 506 | 948 | 320 | 6,371 | 0 | 30 | 13 | 0 | 43 |
| | APPROACH % | 17% | 52% | 31% | 17% | 70% | 14% | 23% | 46% | 31% | 29% | 53% | 18% | | | | | | |
| | APP/DEPART | 1,877 | / | 1,479 | 1,946 | / | 2,104 | 774 | / | 1,233 | 1,774 | / | 1,555 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 180 | 546 | 338 | 182 | 741 | 147 | 79 | 183 | 137 | 259 | 515 | 187 | 3,522 | | | | | |
| | APPROACH % | 17% | 51% | 32% | 17% | 68% | 13% | 19% | 45% | 34% | 27% | 54% | 19% | | | | | | |
| | PEAK HR FACTOR | | 0.893 | | | 0.906 | | | 0.976 | | | 0.843 | | 0.969 | | | | | |
| | APP/DEPART | 1,064 | / | 833 | 1,091 | / | 1,137 | 406 | / | 703 | 961 | / | 849 | 0 | | | | | |
| PM | 4:00 PM | 49 | 190 | 89 | 44 | 113 | 40 | 42 | 162 | 71 | 95 | 147 | 42 | 1,084 | 1 | 7 | 3 | 0 | 11 |
| | 4:15 PM | 60 | 174 | 87 | 35 | 133 | 30 | 43 | 141 | 89 | 99 | 132 | 28 | 1,051 | 0 | 1 | 1 | 0 | 2 |
| | 4:30 PM | 54 | 189 | 94 | 37 | 147 | 31 | 40 | 164 | 78 | 86 | 122 | 37 | 1,079 | 0 | 1 | 2 | 0 | 3 |
| | 4:45 PM | 42 | 206 | 96 | 35 | 132 | 27 | 64 | 150 | 74 | 78 | 119 | 24 | 1,047 | 0 | 2 | 0 | 0 | 2 |
| | 5:00 PM | 48 | 168 | 101 | 37 | 168 | 35 | 50 | 186 | 95 | 122 | 136 | 40 | 1,186 | 0 | 6 | 1 | 0 | 7 |
| | 5:15 PM | 45 | 211 | 82 | 36 | 144 | 33 | 50 | 132 | 66 | 167 | 147 | 32 | 1,145 | 0 | 6 | 3 | 0 | 9 |
| | 5:30 PM | 42 | 149 | 89 | 34 | 107 | 28 | 34 | 170 | 58 | 107 | 119 | 22 | 959 | 0 | 1 | 1 | 0 | 2 |
| | 5:45 PM | 45 | 150 | 88 | 32 | 125 | 43 | 50 | 144 | 55 | 108 | 136 | 26 | 1,002 | 0 | 1 | 3 | 0 | 4 |
| | VOLUMES | 385 | 1,437 | 726 | 290 | 1,069 | 267 | 373 | 1,249 | 586 | 862 | 1,058 | 251 | 8,553 | 1 | 25 | 14 | 0 | 40 |
| | APPROACH % | 15% | 56% | 28% | 18% | 66% | 16% | 17% | 57% | 27% | 40% | 49% | 12% | | | | | | |
| | APP/DEPART | 2,548 | / | 2,072 | 1,626 | / | 2,518 | 2,208 | / | 2,240 | 2,171 | / | 1,723 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 189 | 774 | 373 | 130 | 591 | 126 | 198 | 632 | 313 | 453 | 524 | 133 | 4,457 | | | | | |
| | APPROACH % | 14% | 58% | 28% | 15% | 69% | 15% | 17% | 55% | 27% | 41% | 47% | 12% | | | | | | |
| | PEAK HR FACTOR | | 0.971 | | | 0.898 | | | 0.868 | | | 0.802 | | 0.940 | | | | | |
| | APP/DEPART | 1,336 | / | 1,120 | 862 | / | 1,357 | 1,149 | / | 1,135 | 1,110 | / | 845 | 0 | | | | | |



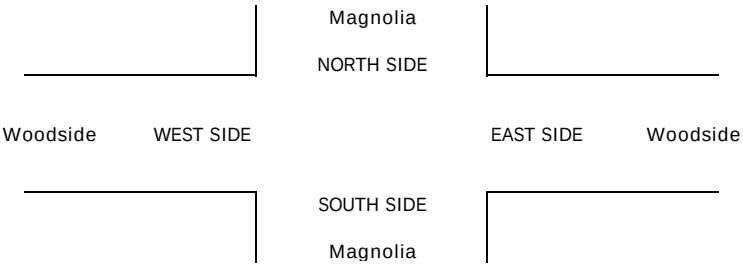
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 3 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | SIGNAL |

| CLASS 2: 2-AXLE WORK VEHICLES/ TRUCKS | NOTES: | AM / PM / MD / OTHER / OTHER | ▲ N / ◄ W / E ► / S ▼ |
|---|---|---|---|

| | | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 1 | 6 | 6 | 2 | 4 | 0 | 2 | 2 | 1 | 5 | 11 | 0 | 40 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 1 | 3 | 7 | 1 | 9 | 1 | 0 | 1 | 2 | 5 | 15 | 2 | 47 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 5 | 5 | 11 | 1 | 3 | 1 | 0 | 7 | 0 | 13 | 9 | 1 | 56 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 5 | 9 | 2 | 2 | 9 | 0 | 1 | 5 | 4 | 15 | 5 | 3 | 60 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 2 | 8 | 8 | 3 | 7 | 1 | 1 | 5 | 3 | 11 | 8 | 1 | 58 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 1 | 9 | 7 | 3 | 4 | 1 | 0 | 5 | 1 | 11 | 9 | 0 | 51 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 3 | 3 | 6 | 4 | 7 | 0 | 3 | 4 | 3 | 12 | 7 | 2 | 54 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 3 | 4 | 5 | 0 | 9 | 3 | 2 | 5 | 2 | 10 | 7 | 1 | 51 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 21 | 47 | 52 | 16 | 52 | 7 | 9 | 34 | 16 | 82 | 71 | 10 | 417 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 18% | 39% | 43% | 21% | 69% | 9% | 15% | 58% | 27% | 50% | 44% | 6% | | | | | | |
| | APP/DEPART | 120 | / | 66 | 75 | / | 150 | 59 | / | 102 | 163 | / | 99 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 13 | 31 | 28 | 9 | 23 | 3 | 2 | 22 | 8 | 50 | 31 | 5 | 225 | | | | | |
| | APPROACH % | 18% | 43% | 39% | 26% | 66% | 9% | 6% | 69% | 25% | 58% | 36% | 6% | | | | | | |
| | PEAK HR FACTOR | | 0.857 | | | 0.795 | | | 0.800 | | | 0.935 | | 0.938 | | | | | |
| | APP/DEPART | 72 | / | 38 | 35 | / | 81 | 32 | / | 59 | 86 | / | 47 | 0 | | | | | |
| PM | 4:00 PM | 1 | 4 | 12 | 1 | 7 | 1 | 2 | 4 | 4 | 7 | 9 | 1 | 53 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 6 | 6 | 0 | 5 | 2 | 1 | 2 | 5 | 5 | 6 | 1 | 39 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 2 | 1 | 7 | 3 | 7 | 1 | 2 | 7 | 1 | 3 | 5 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 1 | 2 | 4 | 0 | 1 | 1 | 1 | 3 | 2 | 2 | 0 | 2 | 19 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 2 | 3 | 0 | 5 | 3 | 0 | 3 | 2 | 4 | 4 | 1 | 27 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 1 | 4 | 5 | 0 | 4 | 0 | 6 | 1 | 0 | 7 | 5 | 2 | 35 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 1 | 0 | 3 | 0 | 3 | 1 | 0 | 1 | 3 | 4 | 6 | 1 | 23 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 2 | 6 | 5 | 1 | 2 | 1 | 1 | 2 | 3 | 2 | 4 | 2 | 31 | 0 | 1 | 0 | 0 | 1 |
| | VOLUMES | 8 | 25 | 45 | 5 | 34 | 10 | 13 | 23 | 20 | 34 | 39 | 10 | 266 | 0 | 1 | 0 | 0 | 1 |
| | APPROACH % | 10% | 32% | 58% | 10% | 69% | 20% | 23% | 41% | 36% | 41% | 47% | 12% | | | | | | |
| | APP/DEPART | 78 | / | 49 | 49 | / | 88 | 56 | / | 72 | 83 | / | 57 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 4 | 9 | 19 | 3 | 17 | 5 | 9 | 14 | 5 | 16 | 14 | 5 | 120 | | | | | |
| | APPROACH % | 13% | 28% | 59% | 12% | 68% | 20% | 32% | 50% | 18% | 46% | 40% | 14% | | | | | | |
| | PEAK HR FACTOR | | 0.800 | | | 0.568 | | | 0.700 | | | 0.625 | | 0.769 | | | | | |
| | APP/DEPART | 32 | / | 23 | 25 | / | 38 | 28 | / | 36 | 35 | / | 23 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

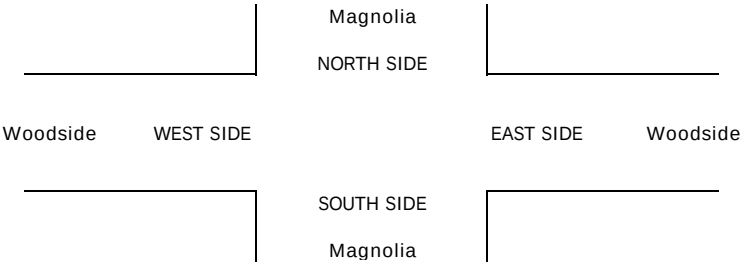
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 3 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | SIGNAL |

CLASS 3: 3-AXLE TRUCKS

NOTES:

AM PM MD OTHER OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 1 | 8 | 3 | 2 | 1 | 2 | 0 | 2 | 3 | 7 | 5 | 0 | 34 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 8% | 67% | 25% | 40% | 20% | 40% | 0% | 40% | 60% | 58% | 42% | 0% | | | | | | |
| | APP/DEPART | 12 | / | 8 | 5 | / | 11 | 5 | / | 7 | 12 | / | 8 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 4 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 4 | 3 | 0 | 17 | | | | | |
| | APPROACH % | 17% | 67% | 17% | 50% | 25% | 25% | 0% | 0% | 0% | 57% | 43% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.375 | | | 1.000 | | | 0.000 | | | 0.875 | | 0.607 | | | | | |
| | APP/DEPART | 6 | / | 4 | 4 | / | 5 | 0 | / | 3 | 7 | / | 5 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 1 | 3 | 4 | 0 | 3 | 0 | 0 | 2 | 1 | 3 | 2 | 1 | 20 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 13% | 38% | 50% | 0% | 100% | 0% | 0% | 67% | 33% | 50% | 33% | 17% | | | | | | |
| | APP/DEPART | 8 | / | 4 | 3 | / | 7 | 3 | / | 6 | 6 | / | 3 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 3 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 11 | | | | | |
| | APPROACH % | 17% | 50% | 33% | 0% | 100% | 0% | 0% | 100% | 0% | 33% | 33% | 33% | | | | | | |
| | PEAK HR FACTOR | | 0.375 | | | 0.250 | | | 0.250 | | | 0.750 | | 0.550 | | | | | |
| | APP/DEPART | 6 | / | 4 | 1 | / | 2 | 1 | / | 3 | 3 | / | 2 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

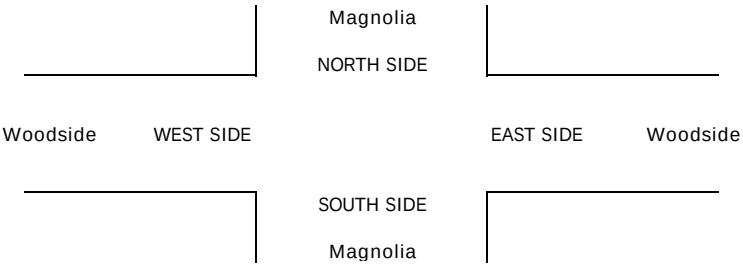
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 3 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | SIGNAL |

CLASS 4: 4 OR MORE AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 10 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 3 | 6 | 11 | 1 | 4 | 0 | 0 | 2 | 4 | 7 | 2 | 2 | 42 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 15% | 30% | 55% | 20% | 80% | 0% | 0% | 33% | 67% | 64% | 18% | 18% | | | | | | |
| | APP/DEPART | 20 | / | 8 | 5 | / | 15 | 6 | / | 14 | 11 | / | 5 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 2 | 4 | 7 | 1 | 3 | 0 | 0 | 1 | 2 | 3 | 2 | 1 | 26 | | | | | |
| | APPROACH % | 15% | 31% | 54% | 25% | 75% | 0% | 0% | 33% | 67% | 50% | 33% | 17% | | | | | | |
| | PEAK HR FACTOR | | 0.650 | | | 0.500 | | | 0.750 | | | 0.375 | | 0.650 | | | | | |
| | APP/DEPART | 13 | / | 5 | 4 | / | 8 | 3 | / | 9 | 6 | / | 4 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 3 | 10 | 1 | 3 | 1 | 0 | 1 | 0 | 7 | 2 | 1 | 29 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 23% | 77% | 20% | 60% | 20% | 0% | 100% | 0% | 70% | 20% | 10% | | | | | | |
| | APP/DEPART | 13 | / | 4 | 5 | / | 10 | 1 | / | 12 | 10 | / | 3 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 1 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 8 | | | | | |
| | APPROACH % | 0% | 25% | 75% | 0% | 50% | 50% | 0% | 0% | 0% | 50% | 50% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.500 | | | 0.250 | | | 0.000 | | | 0.500 | | 0.667 | | | | | |
| | APP/DEPART | 4 | / | 1 | 2 | / | 2 | 0 | / | 3 | 2 | / | 2 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

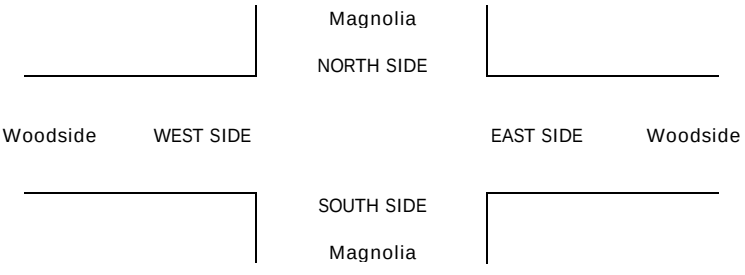
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 3 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | SIGNAL |

| CLASS 5: | NOTES: |
|---|---|
| RV | |

AM PM MD OTHER OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Magnolia | | | SOUTHBOUND Magnolia | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 1 | 1 | / | 1 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 1 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



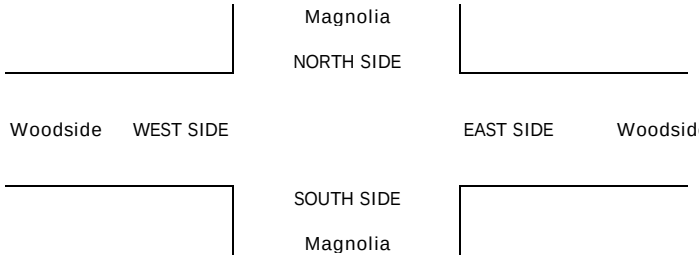
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Magnolia | LOCATION #: | 3 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | SIGNAL |

| CLASS 6: | NOTES: | AM / PM / MD / OTHER / OTHER |
|---|---|---|
| BUSES | | ▲ N, ◄ W, E ►, S ▼ |

| | | NORTHBOUND (Magnolia) | | | SOUTHBOUND (Magnolia) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 2 | NT 2 | NR 1 | SL 2 | ST 2 | SR 1 | EL 2 | ET 2 | ER 1 | WL 2 | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 4 | 2 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 1 | 2 | 4 | 34 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 44% | 22% | 33% | 30% | 30% | 40% | 25% | 38% | 38% | 14% | 29% | 57% | | | | | | |
| | APP/DEPART | 9 | / | 8 | 10 | / | 7 | 8 | / | 9 | 7 | / | 10 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 2 | 1 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 1 | 0 | 2 | 12 | | | | | |
| | APPROACH % | 67% | 33% | 0% | 33% | 0% | 67% | 33% | 33% | 33% | 33% | 0% | 67% | | | | | | |
| | PEAK HR FACTOR | | 0.750 | | | 0.750 | | | 0.375 | | | 0.375 | | 0.750 | | | | | |
| | APP/DEPART | 3 | / | 4 | 3 | / | 2 | 3 | / | 2 | 3 | / | 4 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 3 | 4 | 0 | 0 | 1 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 43% | 57% | 0% | 0% | 33% | 67% | 0% | 0% | 100% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 7 | / | 4 | 3 | / | 4 | 3 | / | 0 | 0 | / | 5 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:30 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 7 | | | | | |
| | APPROACH % | 33% | 67% | 0% | 0% | 50% | 50% | 0% | 0% | 100% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.250 | | | 0.500 | | | 0.500 | | | 0.000 | | 0.583 | | | | | |
| | APP/DEPART | 3 | / | 2 | 2 | / | 3 | 2 | / | 0 | 0 | / | 2 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Tue, May 2, 23

LOCATION: Santee
NORTH & SOUTH: Woodside
EAST & WEST: SR-67 SB Ramps

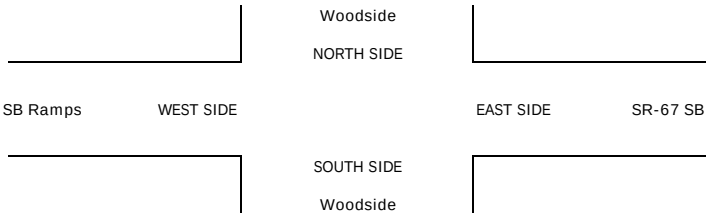
PROJECT #: SC3984
LOCATION #: 4
CONTROL: STOP ALL

NOTES:

AM / PM / MD / OTHER / OTHER

N ▲ S ▼ W ◄ E ►

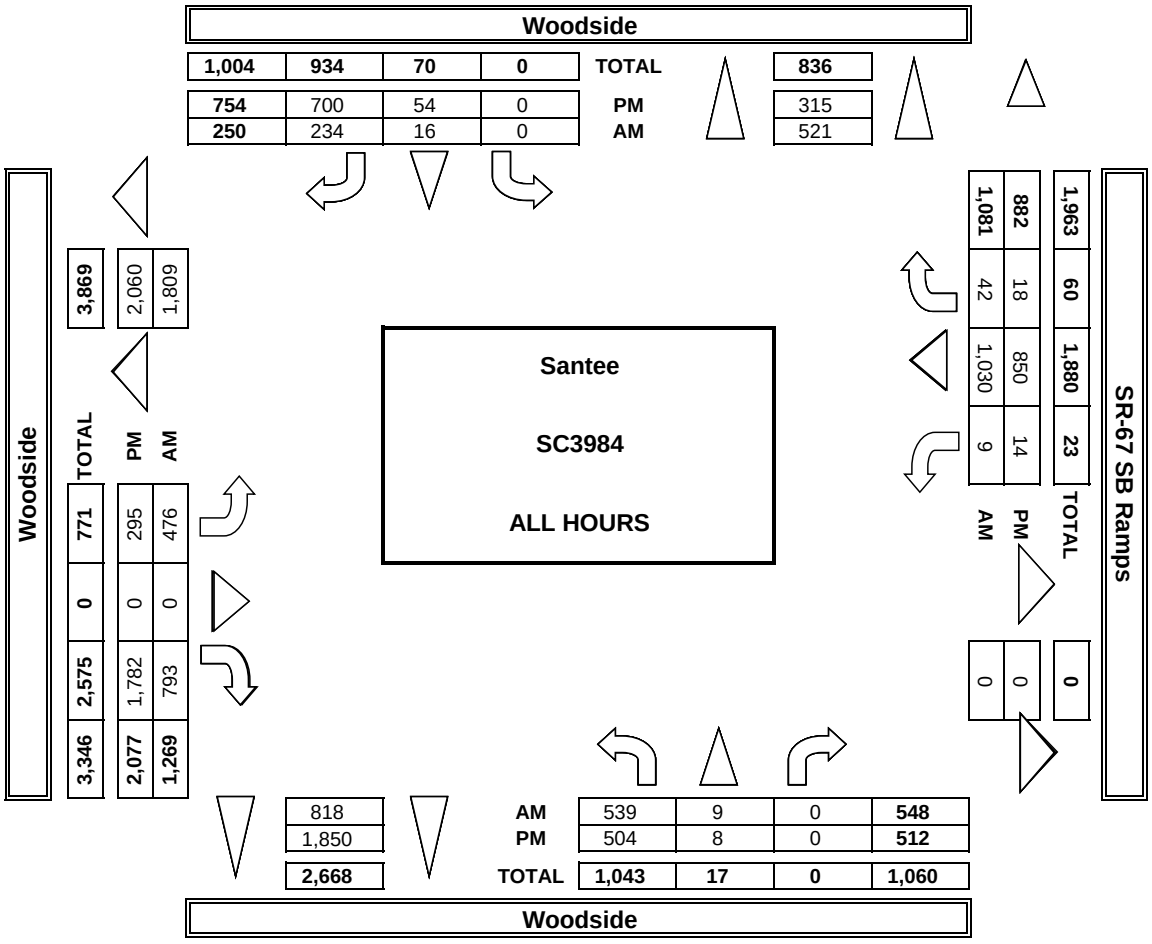
| | | NORTHBOUND Woodside | | | SOUTHBOUND Woodside | | | EASTBOUND Woodside | | | WESTBOUND SR-67 SB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | X 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB 0 | SB 0 | EB 0 | WB 0 | TTL |
| AM | 7:00 AM | 47 | 1 | 0 | 0 | 1 | 23 | 52 | 0 | 75 | 0 | 85 | 5 | 289 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 88 | 0 | 0 | 0 | 2 | 22 | 62 | 0 | 84 | 1 | 116 | 5 | 380 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 58 | 1 | 0 | 0 | 2 | 35 | 66 | 0 | 112 | 1 | 135 | 5 | 415 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 72 | 4 | 0 | 0 | 1 | 25 | 97 | 0 | 116 | 1 | 141 | 8 | 465 | 0 | 0 | 1 | 0 | 1 |
| | 8:00 AM | 86 | 0 | 0 | 0 | 2 | 45 | 63 | 0 | 96 | 1 | 160 | 7 | 460 | 0 | 0 | 2 | 0 | 2 |
| | 8:15 AM | 60 | 2 | 0 | 0 | 6 | 26 | 41 | 0 | 124 | 3 | 125 | 4 | 391 | 0 | 0 | 3 | 0 | 3 |
| | 8:30 AM | 79 | 1 | 0 | 0 | 1 | 25 | 49 | 0 | 95 | 1 | 123 | 2 | 376 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 49 | 0 | 0 | 0 | 1 | 33 | 46 | 0 | 91 | 1 | 145 | 6 | 372 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 539 | 9 | 0 | 0 | 16 | 234 | 476 | 0 | 793 | 9 | 1,030 | 42 | 3,148 | 0 | 0 | 6 | 0 | 6 |
| | APPROACH % | 98% | 2% | 0% | 0% | 6% | 94% | 38% | 0% | 62% | 1% | 95% | 4% | | | | | | |
| | APP/DEPART | 548 | / | 521 | 250 | / | 818 | 1,269 | / | 0 | 1,081 | / | 1,809 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 276 | 7 | 0 | 0 | 11 | 131 | 267 | 0 | 448 | 6 | 561 | 24 | 1,731 | | | | | |
| | APPROACH % | 98% | 2% | 0% | 0% | 8% | 92% | 37% | 0% | 63% | 1% | 95% | 4% | | | | | | |
| | PEAK HR FACTOR | | 0.823 | | | 0.755 | | | 0.839 | | | 0.879 | | 0.931 | | | | | |
| | APP/DEPART | 283 | / | 292 | 142 | / | 465 | 715 | / | 0 | 591 | / | 974 | 0 | | | | | |
| PM | 4:00 PM | 60 | 1 | 0 | 0 | 5 | 73 | 54 | 0 | 217 | 3 | 140 | 0 | 553 | 0 | 0 | 2 | 0 | 2 |
| | 4:15 PM | 58 | 0 | 0 | 0 | 5 | 55 | 32 | 0 | 230 | 4 | 128 | 3 | 515 | 0 | 0 | 2 | 0 | 2 |
| | 4:30 PM | 33 | 1 | 0 | 0 | 12 | 75 | 49 | 0 | 212 | 2 | 115 | 3 | 502 | 0 | 0 | 1 | 0 | 1 |
| | 4:45 PM | 56 | 2 | 0 | 0 | 5 | 35 | 47 | 0 | 226 | 1 | 119 | 5 | 496 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 53 | 0 | 0 | 0 | 9 | 130 | 29 | 0 | 262 | 1 | 98 | 3 | 585 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 96 | 3 | 0 | 0 | 6 | 139 | 29 | 0 | 211 | 0 | 81 | 0 | 565 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 75 | 0 | 0 | 0 | 7 | 114 | 27 | 0 | 222 | 2 | 63 | 3 | 513 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 73 | 1 | 0 | 0 | 5 | 79 | 28 | 0 | 202 | 1 | 106 | 1 | 496 | 0 | 0 | 1 | 0 | 1 |
| | VOLUMES | 504 | 8 | 0 | 0 | 54 | 700 | 295 | 0 | 1,782 | 14 | 850 | 18 | 4,225 | 0 | 0 | 6 | 0 | 6 |
| | APPROACH % | 98% | 2% | 0% | 0% | 7% | 93% | 14% | 0% | 86% | 2% | 96% | 2% | | | | | | |
| | APP/DEPART | 512 | / | 315 | 754 | / | 1,850 | 2,077 | / | 0 | 882 | / | 2,060 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 297 | 4 | 0 | 0 | 27 | 462 | 113 | 0 | 897 | 4 | 348 | 7 | 2,159 | | | | | |
| | APPROACH % | 99% | 1% | 0% | 0% | 6% | 94% | 11% | 0% | 89% | 1% | 97% | 2% | | | | | | |
| | PEAK HR FACTOR | | 0.760 | | | 0.843 | | | 0.868 | | | 0.718 | | 0.923 | | | | | |
| | APP/DEPART | 301 | / | 123 | 489 | / | 928 | 1,010 | / | 0 | 359 | / | 1,108 | 0 | | | | | |

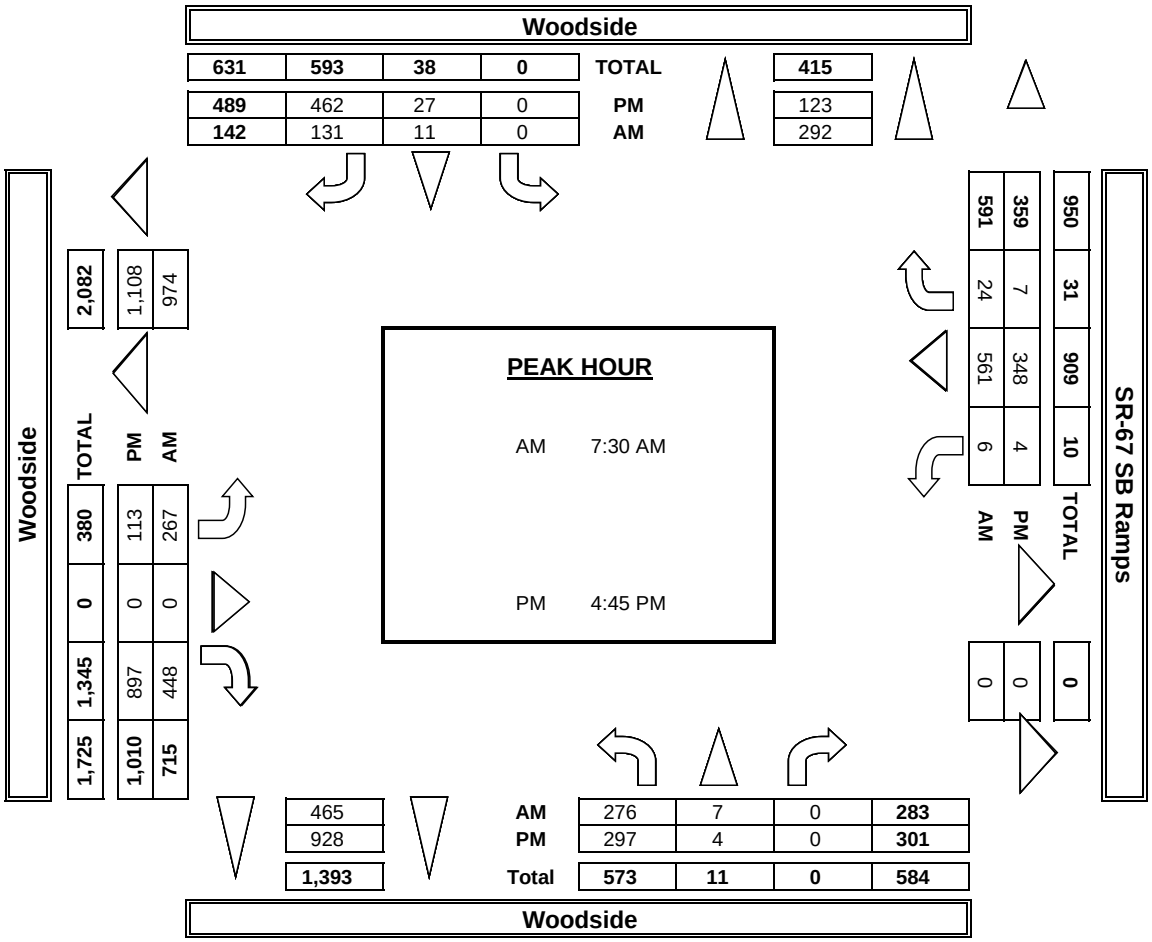



| | | ALL PED AND BIKE | | | | | PEDESTRIAN CROSSINGS | | | | | BICYCLE CROSSINGS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | NS | SS | ES | WS | TOTAL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| | 7:30 AM | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 3 |
| | 7:45 AM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 1 | 2 | 2 | 1 | 6 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 0 | 5 |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

**AimTD LLC**

TURNING MOVEMENT COUNTS



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| | | | | | |
|---|---|---|---|---|---|
| DATE: 5/2/23 TUESDAY | LOCATION: | Santee | PROJECT #: | SC3984 |
| | NORTH & SOUTH: | Woodside | LOCATION #: | 4 |
| | EAST & WEST: | SR-67 SB Ramps | CONTROL: | STOP ALL |

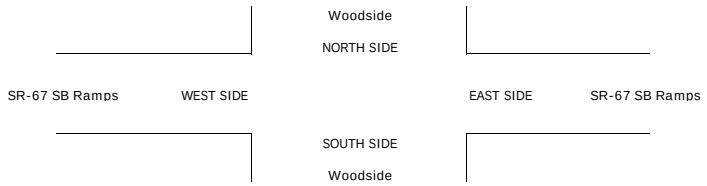
NOTES:

| PCE Adjusted | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Class | 1 | 2 | 3 | 4 | 5 | 6 | | | |
| Factor | 1 | 1.5 | 2 | 3 | 2 | 2 | | | |

AM / PM / MD / OTHER / OTHER

▲ N ◄ W E ► S ▼

| | | NORTHBOUND Woodside | | | SOUTHBOUND Woodside | | | EASTBOUND SR-67 SB Ramps | | | WESTBOUND SR-67 SB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | SL 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 48 | 1 | 0 | 0 | 2 | 32 | 58 | 0 | 84 | 0 | 91 | 6 | 320 | | | | | 0 |
| | 7:15 AM | 94 | 0 | 0 | 0 | 4 | 29 | 69 | 0 | 88 | 1 | 122 | 5 | 411 | | | | | 0 |
| | 7:30 AM | 61 | 1 | 0 | 0 | 4 | 44 | 73 | 0 | 123 | 3 | 142 | 6 | 456 | | | | | 0 |
| | 7:45 AM | 74 | 4 | 0 | 0 | 3 | 31 | 98 | 0 | 123 | 2 | 148 | 8 | 489 | | | | | 0 |
| | 8:00 AM | 90 | 0 | 0 | 0 | 3 | 53 | 69 | 0 | 103 | 3 | 163 | 7 | 491 | | | | | 0 |
| | 8:15 AM | 61 | 3 | 0 | 0 | 7 | 34 | 53 | 0 | 129 | 4 | 133 | 4 | 425 | | | | | 0 |
| | 8:30 AM | 81 | 2 | 0 | 0 | 1 | 31 | 57 | 0 | 98 | 1 | 131 | 2 | 402 | | | | | 0 |
| | 8:45 AM | 52 | 0 | 0 | 0 | 1 | 40 | 55 | 0 | 96 | 1 | 150 | 6 | 400 | | | | | 0 |
| | VOLUMES | 560 | 10 | 0 | 0 | 23 | 291 | 530 | 0 | 842 | 14 | 1,078 | 44 | 3,391 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 98% | 2% | 0% | 0% | 7% | 93% | 39% | 0% | 61% | 1% | 95% | 4% | | | | | | |
| | APP/DEPART | 570 | / | 584 | 314 | / | 879 | 1,372 | / | 0 | 1,135 | / | 1,929 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 286 | 8 | 0 | 0 | 16 | 161 | 292 | 0 | 478 | 11 | 585 | 25 | 1,860 | | | | | |
| | APPROACH % | 97% | 3% | 0% | 0% | 9% | 91% | 38% | 0% | 62% | 2% | 94% | 4% | | | | | | |
| | PEAK HR FACTOR | | 0.814 | | | 0.793 | | | 0.872 | | | 0.897 | | 0.948 | | | | | |
| | APP/DEPART | 293 | / | 325 | 176 | / | 504 | 770 | / | 0 | 621 | / | 1,031 | 0 | | | | | |
| PM | 4:00 PM | 62 | 1 | 0 | 0 | 5 | 80 | 59 | 0 | 227 | 3 | 143 | 0 | 580 | | | | | 0 |
| | 4:15 PM | 60 | 0 | 0 | 0 | 5 | 61 | 37 | 0 | 236 | 4 | 131 | 3 | 537 | | | | | 0 |
| | 4:30 PM | 35 | 1 | 0 | 0 | 13 | 77 | 52 | 0 | 215 | 2 | 118 | 3 | 516 | | | | | 0 |
| | 4:45 PM | 57 | 2 | 0 | 0 | 5 | 38 | 51 | 0 | 229 | 1 | 121 | 8 | 510 | | | | | 0 |
| | 5:00 PM | 53 | 0 | 0 | 0 | 9 | 134 | 29 | 0 | 265 | 1 | 101 | 4 | 595 | | | | | 0 |
| | 5:15 PM | 98 | 5 | 0 | 0 | 9 | 144 | 32 | 0 | 216 | 0 | 85 | 0 | 587 | | | | | 0 |
| | 5:30 PM | 78 | 0 | 0 | 0 | 8 | 125 | 28 | 0 | 227 | 2 | 63 | 3 | 532 | | | | | 0 |
| | 5:45 PM | 75 | 1 | 0 | 0 | 6 | 82 | 30 | 0 | 206 | 1 | 107 | 2 | 508 | | | | | 0 |
| | VOLUMES | 516 | 10 | 0 | 0 | 59 | 740 | 317 | 0 | 1,819 | 14 | 868 | 22 | 4,363 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 98% | 2% | 0% | 0% | 7% | 93% | 15% | 0% | 85% | 2% | 96% | 2% | | | | | | |
| | APP/DEPART | 526 | / | 348 | 798 | / | 1,892 | 2,136 | / | 0 | 903 | / | 2,123 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 285 | 7 | 0 | 0 | 30 | 440 | 139 | 0 | 936 | 4 | 370 | 14 | 2,223 | | | | | |
| | APPROACH % | 98% | 2% | 0% | 0% | 6% | 94% | 13% | 0% | 87% | 1% | 95% | 4% | | | | | | |
| | PEAK HR FACTOR | | 0.713 | | | 0.770 | | | 0.915 | | | 0.751 | | 0.935 | | | | | |
| | APP/DEPART | 291 | / | 160 | 470 | / | 970 | 1,075 | / | 0 | 388 | / | 1,094 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Woodside | LOCATION #: | 4 |
| TUESDAY | EAST & WEST: | SR-67 SB Ramps | CONTROL: | STOP ALL |

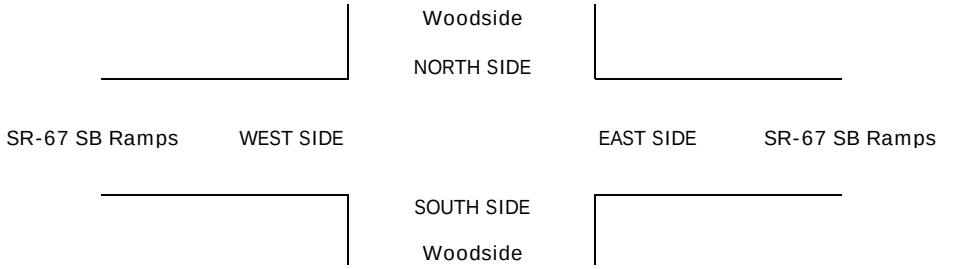
CLASS 1: PASSENGER VEHICLES

NOTES:

AM / PM / MD / OTHER / OTHER

▲ N ◄ W E ► S ▼

| | | NORTHBOUND (Woodside) | | | SOUTHBOUND (Woodside) | | | EASTBOUND (SR-67 SB Ramps) | | | WESTBOUND (SR-67 SB Ramps) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | SL 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 45 | 1 | 0 | 0 | 0 | 9 | 43 | 0 | 64 | 0 | 77 | 4 | 243 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 79 | 0 | 0 | 0 | 1 | 13 | 53 | 0 | 79 | 1 | 105 | 5 | 336 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 55 | 1 | 0 | 0 | 0 | 19 | 56 | 0 | 100 | 0 | 126 | 4 | 361 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 69 | 4 | 0 | 0 | 0 | 17 | 95 | 0 | 108 | 0 | 129 | 8 | 430 | 0 | 0 | 1 | 0 | 1 |
| | 8:00 AM | 80 | 0 | 0 | 0 | 1 | 30 | 54 | 0 | 86 | 0 | 155 | 7 | 413 | 0 | 0 | 2 | 0 | 2 |
| | 8:15 AM | 58 | 1 | 0 | 0 | 5 | 14 | 27 | 0 | 115 | 2 | 118 | 4 | 344 | 0 | 0 | 1 | 0 | 1 |
| | 8:30 AM | 76 | 0 | 0 | 0 | 1 | 14 | 36 | 0 | 90 | 1 | 114 | 2 | 334 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 44 | 0 | 0 | 0 | 1 | 23 | 33 | 0 | 86 | 1 | 137 | 6 | 331 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 506 | 7 | 0 | 0 | 9 | 139 | 397 | 0 | 728 | 5 | 961 | 40 | 2,792 | 0 | 0 | 4 | 0 | 4 |
| | APPROACH % | 99% | 1% | 0% | 0% | 6% | 94% | 35% | 0% | 65% | 0% | 96% | 4% | | | | | | |
| | APP/DEPART | 513 | / | 440 | 148 | / | 742 | 1,125 | / | 0 | 1,006 | / | 1,610 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 262 | 6 | 0 | 0 | 6 | 80 | 228 | 0 | 409 | 2 | 528 | 23 | 1,548 | | | | | |
| | APPROACH % | 98% | 2% | 0% | 0% | 7% | 93% | 36% | 0% | 64% | 0% | 95% | 4% | | | | | | |
| | PEAK HR FACTOR | | 0.838 | | | 0.694 | | | 0.789 | | | 0.853 | | 0.900 | | | | | |
| | APP/DEPART | 268 | / | 257 | 86 | / | 417 | 641 | / | 0 | 553 | / | 874 | 0 | | | | | |
| PM | 4:00 PM | 56 | 1 | 0 | 0 | 5 | 65 | 44 | 0 | 206 | 3 | 135 | 0 | 515 | 0 | 0 | 2 | 0 | 2 |
| | 4:15 PM | 54 | 0 | 0 | 0 | 5 | 49 | 25 | 0 | 225 | 4 | 125 | 3 | 490 | 0 | 0 | 2 | 0 | 2 |
| | 4:30 PM | 32 | 1 | 0 | 0 | 10 | 71 | 44 | 0 | 207 | 2 | 110 | 3 | 480 | 0 | 0 | 1 | 0 | 1 |
| | 4:45 PM | 55 | 2 | 0 | 0 | 5 | 32 | 43 | 0 | 221 | 1 | 116 | 3 | 478 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 53 | 0 | 0 | 0 | 9 | 124 | 29 | 0 | 257 | 1 | 92 | 2 | 567 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 93 | 1 | 0 | 0 | 4 | 130 | 27 | 0 | 204 | 0 | 74 | 0 | 533 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 73 | 0 | 0 | 0 | 6 | 105 | 26 | 0 | 219 | 2 | 63 | 3 | 497 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 70 | 1 | 0 | 0 | 4 | 74 | 25 | 0 | 198 | 1 | 104 | 0 | 477 | 0 | 0 | 1 | 0 | 1 |
| | VOLUMES | 486 | 6 | 0 | 0 | 48 | 650 | 263 | 0 | 1,737 | 14 | 819 | 14 | 4,037 | 0 | 0 | 6 | 0 | 6 |
| | APPROACH % | 99% | 1% | 0% | 0% | 7% | 93% | 13% | 0% | 87% | 2% | 97% | 2% | | | | | | |
| | APP/DEPART | 492 | / | 277 | 698 | / | 1,799 | 2,000 | / | 0 | 847 | / | 1,961 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 274 | 3 | 0 | 0 | 24 | 391 | 125 | 0 | 901 | 4 | 345 | 8 | 2,075 | | | | | |
| | APPROACH % | 99% | 1% | 0% | 0% | 6% | 94% | 12% | 0% | 88% | 1% | 97% | 2% | | | | | | |
| | PEAK HR FACTOR | | 0.737 | | | 0.774 | | | 0.897 | | | 0.744 | | 0.915 | | | | | |
| | APP/DEPART | 277 | / | 136 | 415 | / | 929 | 1,026 | / | 0 | 357 | / | 1,010 | 0 | | | | | |



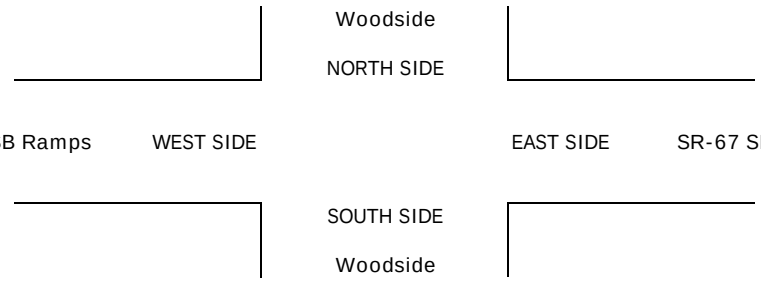
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Woodside | LOCATION #: | 4 | |
| | EAST & WEST: | SR-67 SB Ramps | CONTROL: | STOP ALL | |

| CLASS 2: | NOTES: | AM | | ▲ N | |
|---|---|---|---|---|---|
| 2-AXLE | | PM | | | |
| WORK | | MD | ◄ W | | E ► |
| VEHICLES/ | | OTHER | | S | |
| TRUCKS | | OTHER | | ▼ | |

| | | NORTHBOUND Woodside | | | SOUTHBOUND Woodside | | | EASTBOUND SR-67 SB Ramps | | | WESTBOUND SR-67 SB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | SL 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 2 | 0 | 0 | 0 | 1 | 13 | 6 | 0 | 7 | 0 | 6 | 1 | 36 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 6 | 0 | 0 | 0 | 0 | 6 | 7 | 0 | 3 | 0 | 11 | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 2 | 0 | 0 | 0 | 1 | 15 | 9 | 0 | 8 | 0 | 6 | 0 | 41 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 3 | 0 | 0 | 0 | 0 | 7 | 2 | 0 | 5 | 1 | 11 | 0 | 29 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 4 | 0 | 0 | 0 | 1 | 14 | 8 | 0 | 8 | 0 | 4 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 2 | 1 | 0 | 0 | 1 | 11 | 11 | 0 | 8 | 1 | 3 | 0 | 38 | 0 | 0 | 1 | 0 | 1 |
| | 8:30 AM | 3 | 1 | 0 | 0 | 0 | 11 | 12 | 0 | 5 | 0 | 7 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 4 | 0 | 0 | 0 | 0 | 9 | 11 | 0 | 2 | 0 | 7 | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 26 | 2 | 0 | 0 | 4 | 86 | 66 | 0 | 46 | 2 | 55 | 1 | 288 | 0 | 0 | 1 | 0 | 1 |
| | APPROACH % | 93% | 7% | 0% | 0% | 4% | 96% | 59% | 0% | 41% | 3% | 95% | 2% | | | | | | |
| | APP/DEPART | 28 | / | 68 | 90 | / | 52 | 112 | / | 0 | 58 | / | 168 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 11 | 1 | 0 | 0 | 3 | 47 | 29 | 0 | 29 | 2 | 24 | 0 | 147 | | | | | |
| | APPROACH % | 92% | 8% | 0% | 0% | 6% | 94% | 49% | 0% | 49% | 8% | 92% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.750 | | | 0.781 | | | 0.776 | | | 0.542 | | 0.896 | | | | | |
| | APP/DEPART | 12 | / | 30 | 50 | / | 34 | 59 | / | 0 | 26 | / | 83 | 0 | | | | | |
| PM | 4:00 PM | 4 | 0 | 0 | 0 | 0 | 6 | 10 | 0 | 8 | 0 | 5 | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 4 | 0 | 0 | 0 | 0 | 3 | 6 | 0 | 2 | 0 | 2 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 0 | 4 | 0 | 5 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 5 | 0 | 3 | 1 | 14 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 6 | 1 | 17 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 3 | 1 | 0 | 0 | 1 | 8 | 1 | 0 | 6 | 0 | 6 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 1 | 0 | 0 | 0 | 1 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 3 | 0 | 0 | 0 | 1 | 4 | 2 | 0 | 3 | 0 | 2 | 1 | 16 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 16 | 1 | 0 | 0 | 5 | 37 | 26 | 0 | 34 | 0 | 29 | 3 | 151 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 94% | 6% | 0% | 0% | 12% | 88% | 43% | 0% | 57% | 0% | 91% | 9% | | | | | | |
| | APP/DEPART | 17 | / | 30 | 42 | / | 39 | 60 | / | 0 | 32 | / | 82 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 5 | 1 | 0 | 0 | 2 | 20 | 4 | 0 | 17 | 0 | 15 | 2 | 66 | | | | | |
| | APPROACH % | 83% | 17% | 0% | 0% | 9% | 91% | 19% | 0% | 81% | 0% | 88% | 12% | | | | | | |
| | PEAK HR FACTOR | | 0.375 | | | 0.611 | | | 0.750 | | | 0.607 | | 0.635 | | | | | |
| | APP/DEPART | 6 | / | 7 | 22 | / | 19 | 21 | / | 0 | 17 | / | 40 | 0 | | | | | |



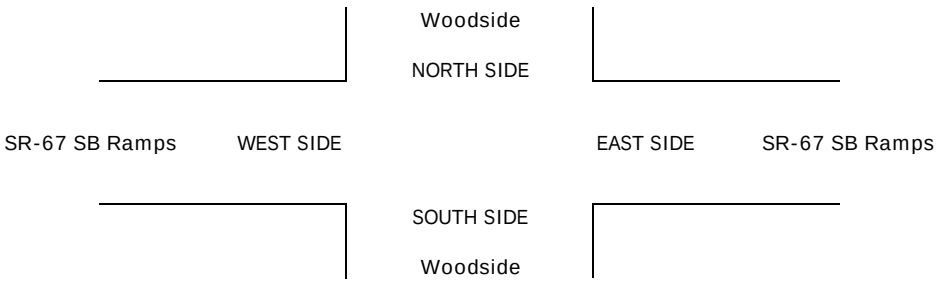
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Woodside | LOCATION #: | 4 | |
| | EAST & WEST: | SR-67 SB Ramps | CONTROL: | STOP ALL | |

| CLASS 3: | NOTES: | AM / PM / MD / OTHER / OTHER |
|---|---|---|
| 3-AXLE TRUCKS | | ▲ N ◄ W E ► S ▼ |

| | | NORTHBOUND Woodside | | | SOUTHBOUND Woodside | | | EASTBOUND SR-67 SB Ramps | | | WESTBOUND SR-67 SB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | SL 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 0 | 4 | 0 | 7 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 25% | 75% | 50% | 0% | 50% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 4 | 4 | / | 5 | 8 | / | 0 | 7 | / | 10 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 | 0 | 5 | 0 | 11 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 33% | 67% | 0% | 0% | 100% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.375 | | | 0.750 | | | 0.625 | | 0.688 | | | | | |
| | APP/DEPART | 0 | / | 0 | 3 | / | 4 | 3 | / | 0 | 5 | / | 7 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 1 | 0 | 0 | 0 | 5 | 3 | 0 | 2 | 0 | 1 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 100% | 0% | 0% | 0% | 100% | 60% | 0% | 40% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 1 | / | 4 | 5 | / | 2 | 5 | / | 0 | 1 | / | 6 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 5 | | | | | |
| | APPROACH % | 0% | 100% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.250 | | | 0.500 | | | 0.250 | | | 0.250 | | 0.417 | | | | | |
| | APP/DEPART | 1 | / | 2 | 2 | / | 0 | 1 | / | 0 | 1 | / | 3 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Woodside | LOCATION #: | 4 | |
| | EAST & WEST: | SR-67 SB Ramps | CONTROL: | STOP ALL | |

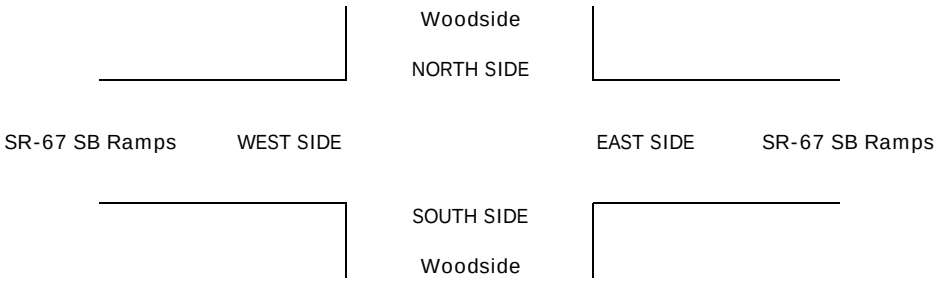
CLASS 4: 4 OR MORE AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER

▲ N ◄ W E ► S ▼

| | | NORTHBOUND Woodside | | | SOUTHBOUND Woodside | | | EASTBOUND SR-67 SB Ramps | | | WESTBOUND SR-67 SB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | SL 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 1 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 2 | 0 | 6 | 0 | 0 | 1 | 0 | 1 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 1 | 0 | 0 | 0 | 2 | 5 | 8 | 0 | 7 | 2 | 6 | 0 | 31 | 0 | 0 | 1 | 0 | 1 |
| | APPROACH % | 100% | 0% | 0% | 0% | 29% | 71% | 53% | 0% | 47% | 25% | 75% | 0% | | | | | | |
| | APP/DEPART | 1 | / | 7 | 7 | / | 11 | 15 | / | 0 | 8 | / | 13 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 0 | 0 | 0 | 1 | 2 | 4 | 0 | 5 | 2 | 3 | 0 | 19 | | | | | |
| | APPROACH % | 100% | 0% | 0% | 0% | 33% | 67% | 40% | 0% | 50% | 40% | 60% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.250 | | | 0.375 | | | 0.625 | | | 0.625 | | 0.679 | | | | | |
| | APP/DEPART | 1 | / | 4 | 3 | / | 8 | 10 | / | 0 | 5 | / | 7 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 2 | 0 | 0 | 0 | 1 | 8 | 3 | 0 | 9 | 0 | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 100% | 0% | 0% | 0% | 11% | 89% | 25% | 0% | 75% | 0% | 50% | 50% | | | | | | |
| | APP/DEPART | 2 | / | 4 | 9 | / | 10 | 12 | / | 0 | 2 | / | 11 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 1 | 0 | 0 | 0 | 1 | 5 | 2 | 0 | 3 | 0 | 0 | 1 | 13 | | | | | |
| | APPROACH % | 100% | 0% | 0% | 0% | 17% | 83% | 40% | 0% | 60% | 0% | 0% | 100% | | | | | | |
| | PEAK HR FACTOR | | 0.250 | | | 0.375 | | | 0.625 | | | 0.250 | | 0.464 | | | | | |
| | APP/DEPART | 1 | / | 3 | 6 | / | 4 | 5 | / | 0 | 1 | / | 6 | 0 | | | | | |



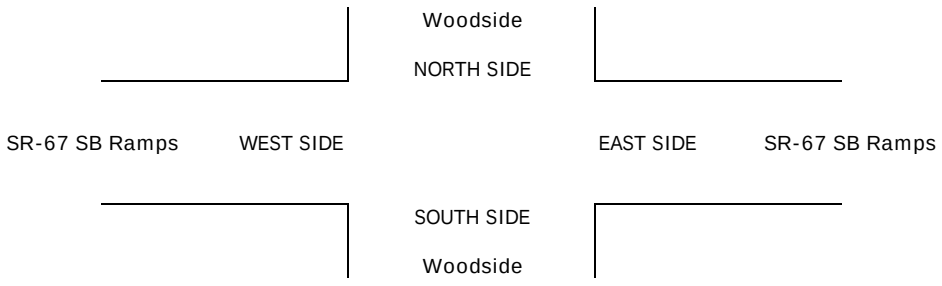
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Woodside | LOCATION #: | 4 | |
| | EAST & WEST: | SR-67 SB Ramps | CONTROL: | STOP ALL | |

| CLASS 5: | NOTES: | AM | | ▲ N | |
|---|---|---|---|---|---|
| RV | | PM | ◄ W | | E ► |
| | | MD | | | |
| | | OTHER | | S ▼ | |
| | | OTHER | | | |

| | | NORTHBOUND Woodside | | | SOUTHBOUND Woodside | | | EASTBOUND SR-67 SB Ramps | | | WESTBOUND SR-67 SB Ramps | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | SL 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 1 | 1 | / | 0 | 1 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.250 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 0 | / | 0 | 1 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

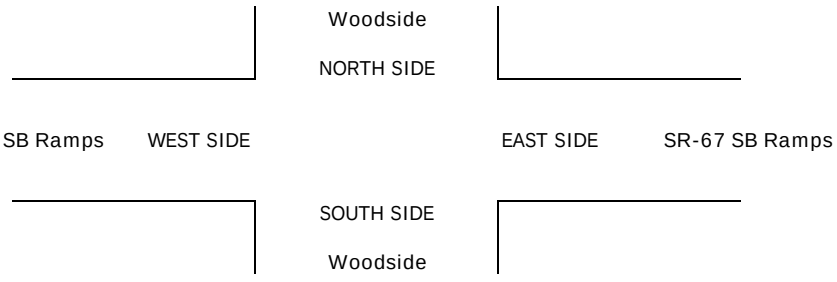
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Woodside | LOCATION #: | 4 |
| TUESDAY | EAST & WEST: | SR-67 SB Ramps | CONTROL: | STOP ALL |

| CLASS 6: | NOTES: |
|---|---|
| BUSES | |

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND (Woodside) | | | SOUTHBOUND (Woodside) | | | EASTBOUND (SR-67 SB Ramps) | | | WESTBOUND (SR-67 SB Ramps) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL 1 | NT 1 | NR X | SL 0 | ST 1 | SR 0 | EL 1 | ET X | ER 1 | WL 0.5 | WT 1 | WR 0.5 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 6 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 7 | 0 | 1 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 100% | 0% | 0% | 0% | 0% | 100% | 13% | 0% | 88% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 6 | / | 1 | 1 | / | 7 | 8 | / | 0 | 1 | / | 8 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 5 | | | | | |
| | APPROACH % | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.250 | | | 0.000 | | | 0.500 | | | 0.250 | | 0.625 | | | | | |
| | APP/DEPART | 2 | / | 0 | 0 | / | 2 | 2 | / | 0 | 1 | / | 3 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 4:45 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| Tue, May 2, 23 | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| | EAST & WEST: | Woodside | CONTROL: | STOP S |

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

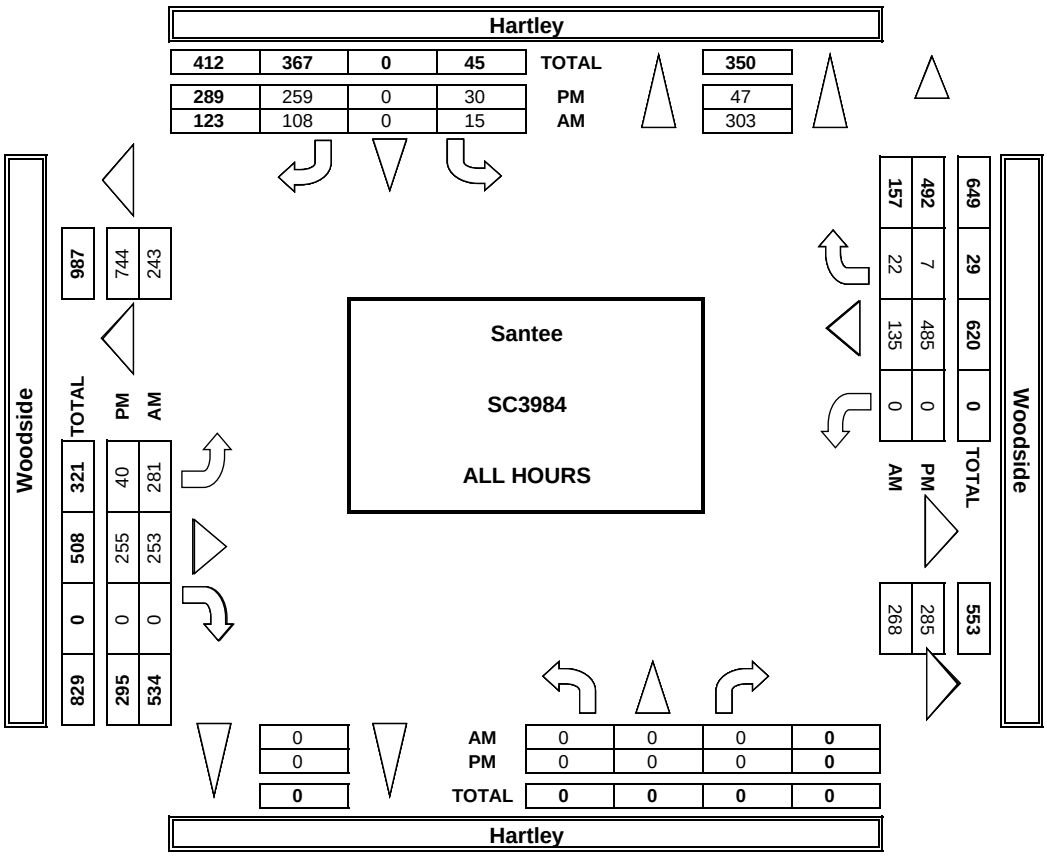
| | | NORTHBOUND Hartley | | | SOUTHBOUND Hartley | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB 0 | SB 0 | EB 0 | WB 0 | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 15 | 41 | 28 | 0 | 0 | 11 | 2 | 97 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 10 | 36 | 30 | 0 | 0 | 13 | 1 | 90 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 1 | 0 | 14 | 38 | 32 | 0 | 0 | 22 | 1 | 108 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 2 | 0 | 7 | 67 | 44 | 0 | 0 | 15 | 9 | 144 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 19 | 43 | 27 | 0 | 0 | 26 | 4 | 119 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 1 | 0 | 19 | 21 | 23 | 0 | 0 | 12 | 1 | 77 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 6 | 0 | 13 | 19 | 34 | 0 | 0 | 15 | 1 | 88 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 5 | 0 | 11 | 16 | 35 | 0 | 0 | 21 | 3 | 91 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 15 | 0 | 108 | 281 | 253 | 0 | 0 | 135 | 22 | 814 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 12% | 0% | 88% | 53% | 47% | 0% | 0% | 86% | 14% | | | | | | |
| | APP/DEPART | 0 | / | 303 | 123 | / | 0 | 534 | / | 268 | 157 | / | 243 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 3 | 0 | 50 | 184 | 133 | 0 | 0 | 76 | 15 | 461 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 6% | 0% | 94% | 58% | 42% | 0% | 0% | 84% | 16% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.697 | | | 0.714 | | | 0.758 | | 0.800 | | | | | |
| | APP/DEPART | 0 | / | 199 | 53 | / | 0 | 317 | / | 136 | 91 | / | 126 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 4 | 0 | 37 | 9 | 39 | 0 | 0 | 35 | 2 | 126 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 4 | 0 | 24 | 7 | 26 | 0 | 0 | 37 | 1 | 99 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 5 | 0 | 55 | 6 | 37 | 0 | 0 | 31 | 1 | 135 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 1 | 0 | 16 | 6 | 43 | 0 | 0 | 23 | 1 | 90 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 13 | 0 | 74 | 4 | 29 | 0 | 0 | 70 | 1 | 191 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 1 | 0 | 26 | 6 | 26 | 0 | 0 | 113 | 0 | 172 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 1 | 0 | 16 | 1 | 25 | 0 | 0 | 103 | 0 | 146 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 1 | 0 | 11 | 1 | 30 | 0 | 0 | 73 | 1 | 117 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 30 | 0 | 259 | 40 | 255 | 0 | 0 | 485 | 7 | 1,076 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 10% | 0% | 90% | 14% | 86% | 0% | 0% | 99% | 1% | | | | | | |
| | APP/DEPART | 0 | / | 47 | 289 | / | 0 | 295 | / | 285 | 492 | / | 744 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 16 | 0 | 127 | 12 | 110 | 0 | 0 | 359 | 2 | 626 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 11% | 0% | 89% | 10% | 90% | 0% | 0% | 99% | 1% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.411 | | | 0.924 | | | 0.799 | | 0.819 | | | | | |
| | APP/DEPART | 0 | / | 14 | 143 | / | 0 | 122 | / | 126 | 361 | / | 486 | 0 | | | | | |

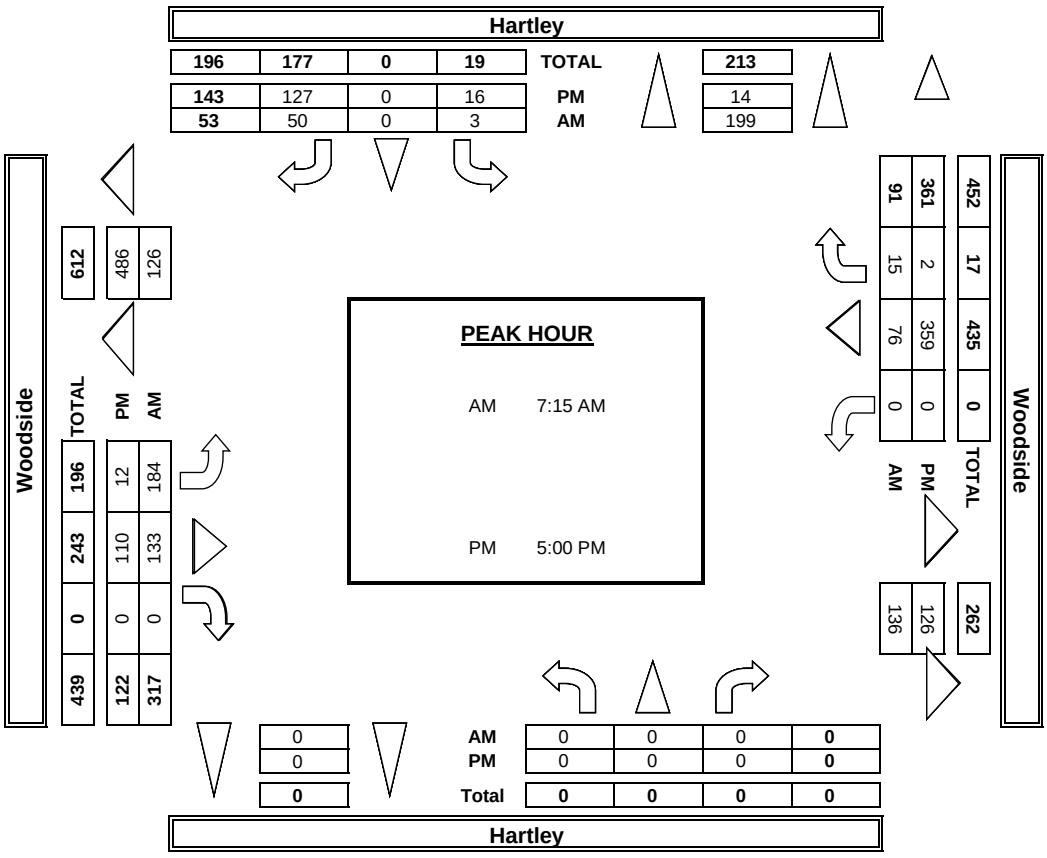



| | | ALL PED AND BIKE | | | | | PEDESTRIAN CROSSINGS | | | | | BICYCLE CROSSINGS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | NS | SS | ES | WS | TOTAL |
| AM | 7:00 AM | 3 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 |
| | 7:15 AM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 3 | 1 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 3 |
| PM | 4:00 PM | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| | 5:30 PM | 2 | 2 | 0 | 1 | 5 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 4 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 7 | 2 | 0 | 1 | 10 | 3 | 0 | 0 | 0 | 3 | 4 | 2 | 0 | 1 | 7 |

**AimTD LLC**

TURNING MOVEMENT COUNTS



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | |
|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 |
| TUESDAY | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| | EAST & WEST: | Woodside | CONTROL: | STOP S |

| | NOTES: | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCE Adjusted | Class | 1 | 2 | 3 | 4 | 5 | 6 | | | AM | ▲ N | |
| | Factor | 1 | 1.5 | 2 | 3 | 2 | 2 | | | PM | | |
| | | | | | | | | | | MD | ◄ W | E ► |
| | | | | | | | | | | OTHER | S ▼ | |
| | | | | | | | | | | OTHER | | |

| | NORTHBOUND (Hartley) | | | SOUTHBOUND (Hartley) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LANES: | NL<br>X | NT<br>X | NR<br>X | SL<br>0 | ST<br>X | SR<br>0 | EL<br>1 | ET<br>1 | ER<br>X | WL<br>X | WT<br>2 | WR<br>0 | TOTAL | NB | SB | EB | WB | TTL |
| AM 7:00 AM | 0 | 0 | 0 | 0 | 0 | 24 | 47 | 31 | 0 | 0 | 13 | 2 | 116 | | | | | 0 |
| 7:15 AM | 0 | 0 | 0 | 0 | 0 | 16 | 39 | 34 | 0 | 0 | 16 | 1 | 106 | | | | | 0 |
| 7:30 AM | 0 | 0 | 0 | 1 | 0 | 21 | 41 | 36 | 0 | 0 | 27 | 1 | 126 | | | | | 0 |
| 7:45 AM | 0 | 0 | 0 | 4 | 0 | 14 | 67 | 47 | 0 | 0 | 18 | 13 | 162 | | | | | 0 |
| 8:00 AM | 0 | 0 | 0 | 0 | 0 | 24 | 45 | 29 | 0 | 0 | 31 | 4 | 132 | | | | | 0 |
| 8:15 AM | 0 | 0 | 0 | 1 | 0 | 23 | 27 | 26 | 0 | 0 | 15 | 1 | 92 | | | | | 0 |
| 8:30 AM | 0 | 0 | 0 | 10 | 0 | 16 | 22 | 39 | 0 | 0 | 17 | 3 | 106 | | | | | 0 |
| 8:45 AM | 0 | 0 | 0 | 11 | 0 | 12 | 17 | 44 | 0 | 0 | 26 | 5 | 115 | | | | | 0 |
| VOLUMES | 0 | 0 | 0 | 27 | 0 | 149 | 303 | 284 | 0 | 0 | 160 | 30 | 952 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 15% | 0% | 85% | 52% | 48% | 0% | 0% | 84% | 16% | | | | | | |
| APP/DEPART | 0 | / | 333 | 176 | / | 0 | 586 | / | 311 | 190 | / | 309 | 0 | | | | | |
| BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 5 | 0 | 75 | 191 | 145 | 0 | 0 | 91 | 19 | 525 | | | | | |
| APPROACH % | 0% | 0% | 0% | 6% | 0% | 94% | 57% | 43% | 0% | 0% | 83% | 17% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.828 | | | 0.739 | | | 0.793 | | 0.812 | | | | | |
| APP/DEPART | 0 | / | 210 | 80 | / | 0 | 336 | / | 150 | 110 | / | 165 | 0 | | | | | |
| PM 4:00 PM | 0 | 0 | 0 | 6 | 0 | 38 | 12 | 41 | 0 | 0 | 40 | 2 | 138 | | | | | 0 |
| 4:15 PM | 0 | 0 | 0 | 5 | 0 | 26 | 8 | 30 | 0 | 0 | 43 | 1 | 111 | | | | | 0 |
| 4:30 PM | 0 | 0 | 0 | 5 | 0 | 57 | 7 | 40 | 0 | 0 | 32 | 2 | 142 | | | | | 0 |
| 4:45 PM | 0 | 0 | 0 | 1 | 0 | 19 | 8 | 46 | 0 | 0 | 24 | 1 | 98 | | | | | 0 |
| 5:00 PM | 0 | 0 | 0 | 14 | 0 | 76 | 5 | 29 | 0 | 0 | 71 | 2 | 196 | | | | | 0 |
| 5:15 PM | 0 | 0 | 0 | 1 | 0 | 29 | 11 | 29 | 0 | 0 | 115 | 0 | 184 | | | | | 0 |
| 5:30 PM | 0 | 0 | 0 | 1 | 0 | 19 | 1 | 25 | 0 | 0 | 107 | 0 | 153 | | | | | 0 |
| 5:45 PM | 0 | 0 | 0 | 2 | 0 | 12 | 2 | 32 | 0 | 0 | 76 | 2 | 124 | | | | | 0 |
| VOLUMES | 0 | 0 | 0 | 33 | 0 | 274 | 52 | 271 | 0 | 0 | 507 | 9 | 1,145 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 11% | 0% | 89% | 16% | 84% | 0% | 0% | 98% | 2% | | | | | | |
| APP/DEPART | 0 | / | 61 | 307 | / | 0 | 322 | / | 304 | 516 | / | 781 | 0 | | | | | |
| BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 17 | 0 | 136 | 18 | 115 | 0 | 0 | 369 | 3 | 656 | | | | | |
| APPROACH % | 0% | 0% | 0% | 11% | 0% | 89% | 13% | 87% | 0% | 0% | 99% | 1% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.426 | | | 0.846 | | | 0.808 | | 0.839 | | | | | |
| APP/DEPART | 0 | / | 21 | 153 | / | 0 | 132 | / | 132 | 372 | / | 504 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

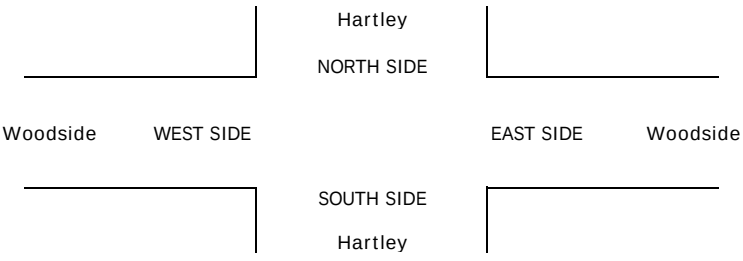
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 1: PASSENGER VEHICLES

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Hartley | | | SOUTHBOUND Hartley | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 33 | 26 | 0 | 0 | 9 | 2 | 71 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 5 | 32 | 25 | 0 | 0 | 8 | 1 | 71 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 1 | 0 | 3 | 34 | 28 | 0 | 0 | 16 | 1 | 83 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 1 | 0 | 0 | 67 | 39 | 0 | 0 | 11 | 7 | 125 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 9 | 39 | 24 | 0 | 0 | 20 | 4 | 96 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 1 | 0 | 14 | 16 | 18 | 0 | 0 | 7 | 1 | 57 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 4 | 0 | 8 | 14 | 27 | 0 | 0 | 12 | 0 | 65 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 2 | 0 | 9 | 14 | 27 | 0 | 0 | 14 | 2 | 68 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 9 | 0 | 49 | 249 | 214 | 0 | 0 | 97 | 18 | 636 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 16% | 0% | 84% | 54% | 46% | 0% | 0% | 84% | 16% | | | | | | |
| | APP/DEPART | 0 | / | 267 | 58 | / | 0 | 463 | / | 223 | 115 | / | 146 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 2 | 0 | 17 | 172 | 116 | 0 | 0 | 55 | 13 | 375 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 11% | 0% | 89% | 60% | 40% | 0% | 0% | 81% | 19% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.528 | | | 0.679 | | | 0.708 | | 0.750 | | | | | |
| | APP/DEPART | 0 | / | 185 | 19 | / | 0 | 288 | / | 118 | 68 | / | 72 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 2 | 0 | 35 | 3 | 36 | 0 | 0 | 31 | 2 | 109 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 3 | 0 | 22 | 6 | 21 | 0 | 0 | 32 | 1 | 85 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 5 | 0 | 52 | 5 | 31 | 0 | 0 | 29 | 0 | 122 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 1 | 0 | 14 | 5 | 41 | 0 | 0 | 22 | 1 | 84 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 12 | 0 | 71 | 3 | 29 | 0 | 0 | 68 | 0 | 183 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 1 | 0 | 23 | 3 | 24 | 0 | 0 | 110 | 0 | 161 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 1 | 0 | 13 | 1 | 25 | 0 | 0 | 101 | 0 | 141 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 27 | 0 | 0 | 71 | 0 | 108 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 25 | 0 | 240 | 26 | 234 | 0 | 0 | 464 | 4 | 993 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 9% | 0% | 91% | 10% | 90% | 0% | 0% | 99% | 1% | | | | | | |
| | APP/DEPART | 0 | / | 30 | 265 | / | 0 | 260 | / | 259 | 468 | / | 704 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 14 | 0 | 117 | 7 | 105 | 0 | 0 | 350 | 0 | 593 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 11% | 0% | 89% | 6% | 94% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.395 | | | 0.875 | | | 0.795 | | 0.810 | | | | | |
| | APP/DEPART | 0 | / | 7 | 131 | / | 0 | 112 | / | 119 | 350 | / | 467 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

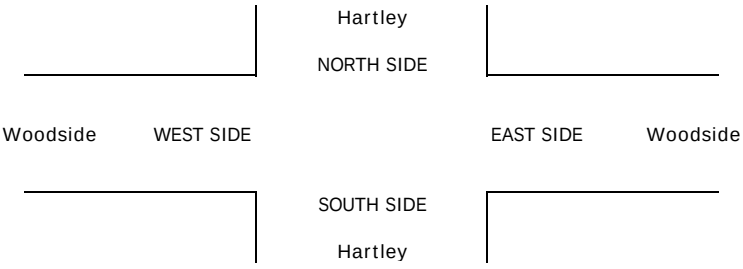
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 2: 2-AXLE WORK VEHICLES/ TRUCKS

NOTES:

AM PM MD OTHER OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Hartley | | | SOUTHBOUND Hartley | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 13 | 7 | 0 | 0 | 0 | 1 | 0 | 21 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 0 | 0 | 4 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 10 | 3 | 3 | 0 | 0 | 5 | 0 | 21 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 3 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 10 | 4 | 3 | 0 | 0 | 5 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 5 | 0 | 0 | 5 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 6 | 0 | 0 | 3 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 0 | 0 | 6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 51 | 27 | 31 | 0 | 0 | 32 | 0 | 141 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 47% | 53% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 27 | 51 | / | 0 | 58 | / | 31 | 32 | / | 83 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 27 | 10 | 15 | 0 | 0 | 17 | 0 | 69 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 40% | 60% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.675 | | | 0.893 | | | 0.850 | | 0.784 | | | | | |
| | APP/DEPART | 0 | / | 10 | 27 | / | 0 | 25 | / | 15 | 17 | / | 44 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 1 | 0 | 2 | 6 | 3 | 0 | 0 | 2 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 4 | 0 | 0 | 3 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 6 | 0 | 0 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 1 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 1 | 7 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 4 | 0 | 14 | 11 | 17 | 0 | 0 | 13 | 2 | 61 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 22% | 0% | 78% | 39% | 61% | 0% | 0% | 87% | 13% | | | | | | |
| | APP/DEPART | 0 | / | 13 | 18 | / | 0 | 28 | / | 21 | 15 | / | 27 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 2 | 0 | 7 | 3 | 3 | 0 | 0 | 5 | 2 | 22 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 22% | 0% | 78% | 50% | 50% | 0% | 0% | 71% | 29% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.750 | | | 0.500 | | | 0.583 | | 0.786 | | | | | |
| | APP/DEPART | 0 | / | 5 | 9 | / | 0 | 6 | / | 5 | 7 | / | 12 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

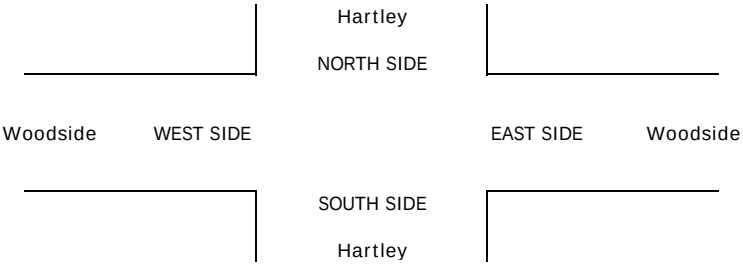
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 3: 3-AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | NORTHBOUND (Hartley) | | | SOUTHBOUND (Hartley) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7:15 AM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| APP/DEPART | 0 | / | 0 | 1 | / | 0 | 1 | / | 1 | 1 | / | 2 | 0 | | | | | |
| BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | | | | | |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.000 | | | 0.250 | | 0.500 | | | | | |
| APP/DEPART | 0 | / | 0 | 1 | / | 0 | 0 | / | 0 | 1 | / | 2 | 0 | | | | | |
| 4:00 PM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 4:15 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| VOLUMES | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 33% | 0% | 67% | 0% | 100% | 0% | 0% | 0% | 100% | | | | | | |
| APP/DEPART | 0 | / | 1 | 3 | / | 0 | 1 | / | 2 | 1 | / | 2 | 0 | | | | | |
| BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | | | | | |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 100% | 0% | 0% | 0% | 0% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.250 | | | 0.000 | | 0.500 | | | | | |
| APP/DEPART | 0 | / | 0 | 1 | / | 0 | 1 | / | 1 | 0 | / | 1 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

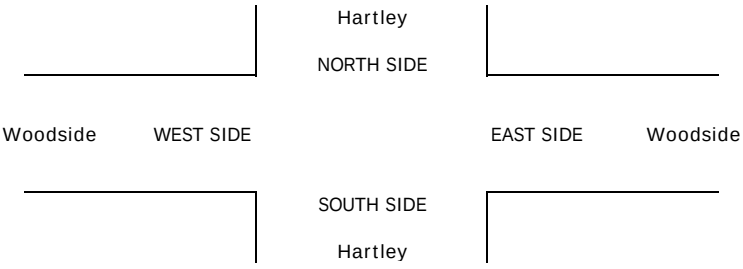
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 4: 4 OR MORE AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Hartley | | | SOUTHBOUND Hartley | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 8 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 6 | 0 | 7 | 3 | 7 | 0 | 0 | 3 | 4 | 30 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 46% | 0% | 54% | 30% | 70% | 0% | 0% | 43% | 57% | | | | | | |
| | APP/DEPART | 0 | / | 7 | 13 | / | 0 | 10 | / | 13 | 7 | / | 10 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 2 | 0 | 0 | 2 | 2 | 12 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 17% | 0% | 83% | 0% | 100% | 0% | 0% | 50% | 50% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.500 | | | 0.500 | | | 0.500 | | 0.600 | | | | | |
| | APP/DEPART | 0 | / | 2 | 6 | / | 0 | 2 | / | 3 | 4 | / | 7 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | 7 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 50% | 50% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 3 | 3 | / | 0 | 6 | / | 3 | 7 | / | 10 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 3 | 0 | 8 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 67% | 33% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.500 | | | 0.250 | | | 0.375 | | 0.500 | | | | | |
| | APP/DEPART | 0 | / | 2 | 2 | / | 0 | 3 | / | 1 | 3 | / | 5 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

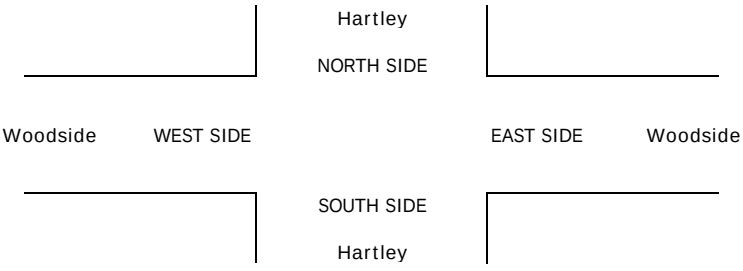
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| CLASS 5: | NOTES: |
|---|---|
| RV | |

AM
PM
MD
OTHER
OTHER

▲ N
◄ W E ►
S ▼

| | | NORTHBOUND Hartley | | | SOUTHBOUND Hartley | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 1 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.250 | | | 0.000 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 1 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

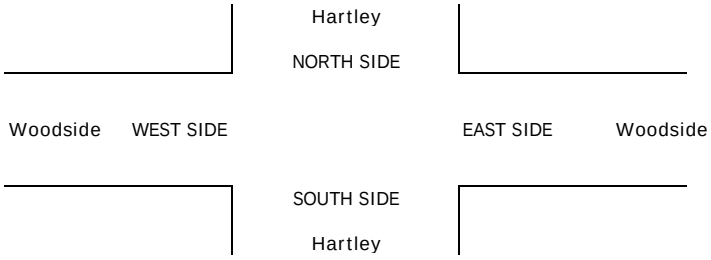
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Hartley | LOCATION #: | 5 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| CLASS 6: | NOTES: |
|---|---|
| BUSES | |

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Hartley | | | SOUTHBOUND Hartley | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 1 | / | 0 | 2 | / | 2 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.250 | | | 0.250 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 1 | / | 0 | 1 | / | 1 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.250 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Tue, May 2, 23

LOCATION: Santee
NORTH & SOUTH: Wheatlands
EAST & WEST: Woodside

PROJECT #: SC3984
LOCATION #: 6
CONTROL: STOP S

NOTES:

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PM
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OTHER
OTHER

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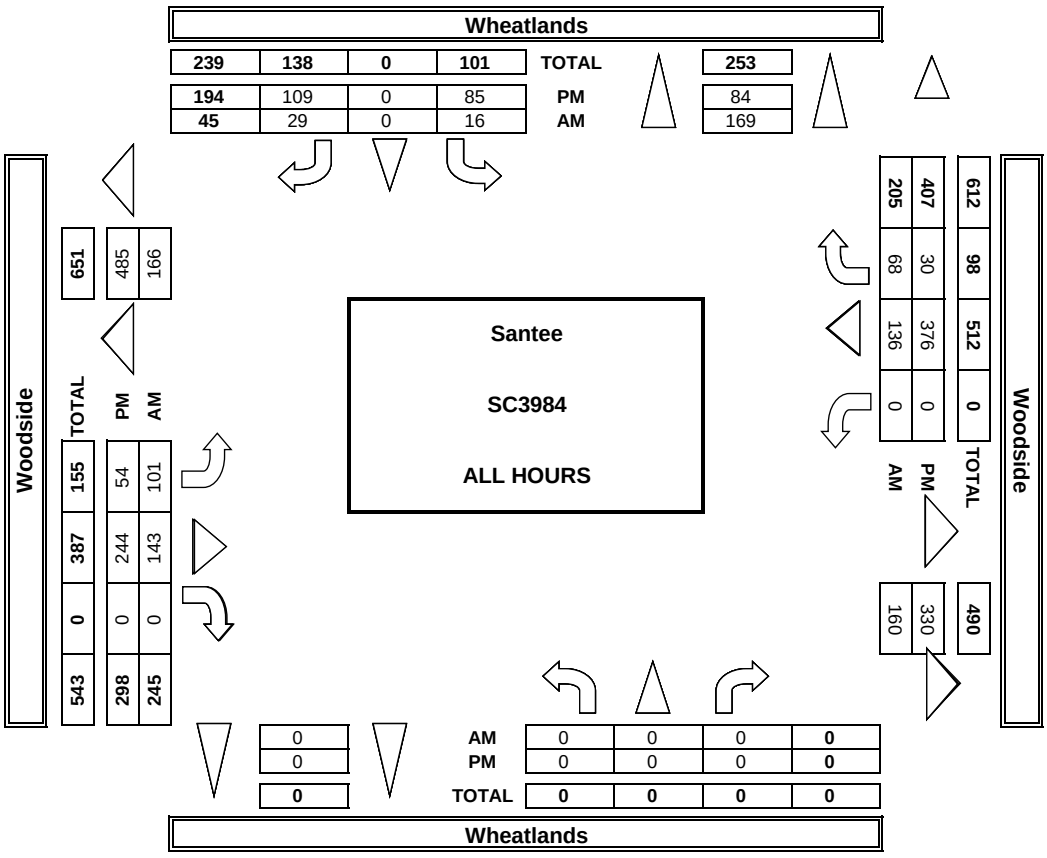
| | | NORTHBOUND Wheatlands | | | SOUTHBOUND Wheatlands | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB 0 | SB 0 | EB 0 | WB 0 | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 2 | 0 | 0 | 9 | 16 | 0 | 0 | 12 | 5 | 44 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 5 | 15 | 15 | 0 | 0 | 10 | 5 | 50 | 0 | 0 | 0 | 1 | 1 |
| | 7:30 AM | 0 | 0 | 0 | 2 | 0 | 3 | 11 | 17 | 0 | 0 | 21 | 11 | 65 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 1 | 0 | 3 | 17 | 20 | 0 | 0 | 25 | 20 | 86 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 5 | 0 | 4 | 12 | 13 | 0 | 0 | 25 | 6 | 65 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 7 | 6 | 18 | 0 | 0 | 8 | 10 | 49 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 2 | 0 | 3 | 13 | 25 | 0 | 0 | 13 | 4 | 60 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 4 | 0 | 4 | 18 | 19 | 0 | 0 | 22 | 7 | 74 | 0 | 0 | 1 | 0 | 1 |
| | VOLUMES | 0 | 0 | 0 | 16 | 0 | 29 | 101 | 143 | 0 | 0 | 136 | 68 | 495 | 0 | 0 | 1 | 1 | 2 |
| | APPROACH % | 0% | 0% | 0% | 36% | 0% | 64% | 41% | 58% | 0% | 0% | 66% | 33% | | | | | | |
| | APP/DEPART | 0 | / | 169 | 45 | / | 0 | 245 | / | 160 | 205 | / | 166 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 8 | 0 | 15 | 55 | 65 | 0 | 0 | 81 | 42 | 267 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 35% | 0% | 65% | 46% | 54% | 0% | 0% | 65% | 34% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.639 | | | 0.811 | | | 0.689 | | 0.776 | | | | | |
| | APP/DEPART | 0 | / | 97 | 23 | / | 0 | 120 | / | 74 | 124 | / | 96 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 12 | 0 | 20 | 8 | 40 | 0 | 0 | 19 | 2 | 101 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 6 | 0 | 11 | 3 | 25 | 0 | 0 | 27 | 0 | 72 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 9 | 0 | 12 | 8 | 34 | 0 | 0 | 20 | 4 | 87 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 13 | 0 | 11 | 10 | 36 | 0 | 0 | 14 | 5 | 89 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 26 | 0 | 27 | 4 | 42 | 0 | 0 | 33 | 6 | 138 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 7 | 0 | 7 | 7 | 20 | 0 | 0 | 119 | 1 | 161 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 7 | 0 | 12 | 7 | 22 | 0 | 0 | 78 | 9 | 135 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 5 | 0 | 9 | 7 | 25 | 0 | 0 | 66 | 3 | 115 | 0 | 0 | 0 | 1 | 1 |
| | VOLUMES | 0 | 0 | 0 | 85 | 0 | 109 | 54 | 244 | 0 | 0 | 376 | 30 | 899 | 0 | 0 | 0 | 1 | 1 |
| | APPROACH % | 0% | 0% | 0% | 44% | 0% | 56% | 18% | 82% | 0% | 0% | 92% | 7% | | | | | | |
| | APP/DEPART | 0 | / | 84 | 194 | / | 0 | 298 | / | 330 | 407 | / | 485 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 45 | 0 | 55 | 25 | 109 | 0 | 0 | 296 | 19 | 550 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 45% | 0% | 55% | 19% | 81% | 0% | 0% | 94% | 6% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.472 | | | 0.728 | | | 0.658 | | 0.854 | | | | | |
| | APP/DEPART | 0 | / | 44 | 100 | / | 0 | 134 | / | 155 | 316 | / | 351 | 0 | | | | | |

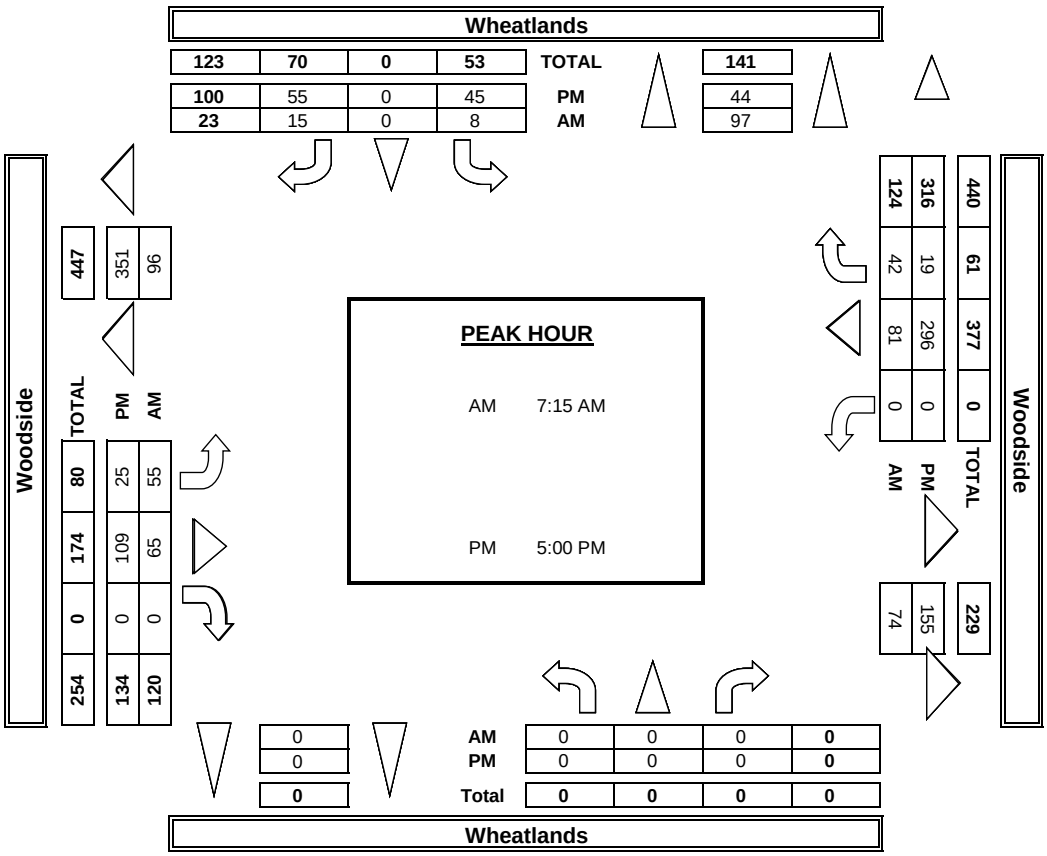



| | | ALL PED AND BIKE | | | | | PEDESTRIAN CROSSINGS | | | | | BICYCLE CROSSINGS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | NS | SS | ES | WS | TOTAL |
| AM | 7:00 AM | 2 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 2 |
| | 7:15 AM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 2 | 2 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 3 |
| PM | 4:00 PM | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| | 5:30 PM | 2 | 2 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 3 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 7 | 2 | 0 | 0 | 9 | 3 | 0 | 0 | 0 | 3 | 4 | 2 | 0 | 0 | 6 |

**AimTD LLC**

TURNING MOVEMENT COUNTS



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Wheatlands | LOCATION #: | 6 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| | NOTES: | | | | | | | | | AM | | ▲ N | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCE | Class | 1 | 2 | 3 | 4 | 5 | 6 | | | PM | | | |
| Adjusted | Factor | 1 | 1.5 | 2 | 3 | 2 | 2 | | | MD | ◄ W | | E ► |
| | | | | | | | | | | OTHER | | S | |
| | | | | | | | | | | OTHER | | ▼ | |

| | NORTHBOUND (Wheatlands) | | | SOUTHBOUND (Wheatlands) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LANES: | NL<br>X | NT<br>X | NR<br>X | SL<br>0 | ST<br>X | SR<br>0 | EL<br>1 | ET<br>1 | ER<br>X | WL<br>X | WT<br>2 | WR<br>0 | TOTAL | NB | SB | EB | WB | TTL |
| AM 7:00 AM | 0 | 0 | 0 | 3 | 0 | 0 | 9 | 16 | 0 | 0 | 13 | 5 | 46 | | | | | 0 |
| 7:15 AM | 0 | 0 | 0 | 0 | 0 | 8 | 16 | 19 | 0 | 0 | 11 | 6 | 58 | | | | | 0 |
| 7:30 AM | 0 | 0 | 0 | 2 | 0 | 5 | 12 | 18 | 0 | 0 | 24 | 16 | 77 | | | | | 0 |
| 7:45 AM | 0 | 0 | 0 | 1 | 0 | 7 | 20 | 21 | 0 | 0 | 28 | 20 | 96 | | | | | 0 |
| 8:00 AM | 0 | 0 | 0 | 6 | 0 | 5 | 13 | 14 | 0 | 0 | 28 | 7 | 72 | | | | | 0 |
| 8:15 AM | 0 | 0 | 0 | 0 | 0 | 10 | 8 | 20 | 0 | 0 | 10 | 12 | 58 | | | | | 0 |
| 8:30 AM | 0 | 0 | 0 | 3 | 0 | 6 | 20 | 29 | 0 | 0 | 15 | 4 | 76 | | | | | 0 |
| 8:45 AM | 0 | 0 | 0 | 5 | 0 | 7 | 26 | 23 | 0 | 0 | 25 | 8 | 93 | | | | | 0 |
| VOLUMES | 0 | 0 | 0 | 20 | 0 | 47 | 123 | 158 | 0 | 0 | 151 | 77 | 574 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 30% | 0% | 70% | 44% | 56% | 0% | 0% | 66% | 34% | | | | | | |
| APP/DEPART | 0 | / | 199 | 66 | / | 0 | 280 | / | 177 | 228 | / | 198 | 0 | | | | | |
| BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 9 | 0 | 25 | 60 | 71 | 0 | 0 | 89 | 49 | 302 | | | | | |
| APPROACH % | 0% | 0% | 0% | 27% | 0% | 73% | 46% | 54% | 0% | 0% | 65% | 35% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.761 | | | 0.816 | | | 0.724 | | 0.789 | | | | | |
| APP/DEPART | 0 | / | 109 | 34 | / | 0 | 131 | / | 80 | 138 | / | 114 | 0 | | | | | |
| PM 4:00 PM | 0 | 0 | 0 | 13 | 0 | 24 | 9 | 42 | 0 | 0 | 20 | 3 | 111 | | | | | 0 |
| 4:15 PM | 0 | 0 | 0 | 6 | 0 | 12 | 4 | 27 | 0 | 0 | 28 | 0 | 76 | | | | | 0 |
| 4:30 PM | 0 | 0 | 0 | 10 | 0 | 12 | 9 | 36 | 0 | 0 | 22 | 5 | 92 | | | | | 0 |
| 4:45 PM | 0 | 0 | 0 | 13 | 0 | 11 | 13 | 37 | 0 | 0 | 14 | 5 | 93 | | | | | 0 |
| 5:00 PM | 0 | 0 | 0 | 27 | 0 | 28 | 4 | 44 | 0 | 0 | 34 | 6 | 143 | | | | | 0 |
| 5:15 PM | 0 | 0 | 0 | 7 | 0 | 8 | 8 | 20 | 0 | 0 | 121 | 1 | 164 | | | | | 0 |
| 5:30 PM | 0 | 0 | 0 | 7 | 0 | 14 | 7 | 23 | 0 | 0 | 80 | 10 | 140 | | | | | 0 |
| 5:45 PM | 0 | 0 | 0 | 5 | 0 | 10 | 8 | 27 | 0 | 0 | 69 | 4 | 121 | | | | | 0 |
| VOLUMES | 0 | 0 | 0 | 87 | 0 | 118 | 60 | 255 | 0 | 0 | 386 | 33 | 938 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 43% | 0% | 57% | 19% | 81% | 0% | 0% | 92% | 8% | | | | | | |
| APP/DEPART | 0 | / | 93 | 205 | / | 0 | 315 | / | 342 | 419 | / | 504 | 0 | | | | | |
| BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 46 | 0 | 59 | 26 | 114 | 0 | 0 | 303 | 20 | 567 | | | | | |
| APPROACH % | 0% | 0% | 0% | 44% | 0% | 56% | 19% | 81% | 0% | 0% | 94% | 6% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.479 | | | 0.727 | | | 0.665 | | 0.867 | | | | | |
| APP/DEPART | 0 | / | 46 | 105 | / | 0 | 140 | / | 159 | 323 | / | 362 | 0 | | | | | |



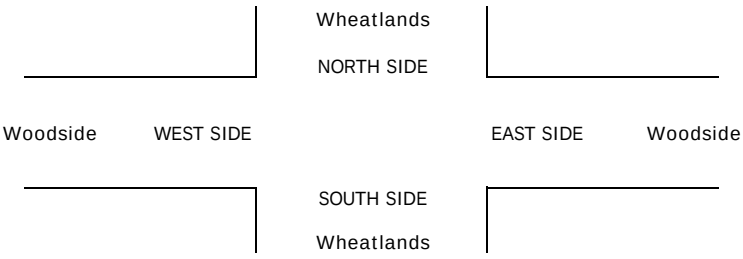
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | | | | | |
|---|---|---|---|---|---|
| 5/2/23 | LOCATION: | Santee | PROJECT #: | SC3984 | |
| TUESDAY | NORTH & SOUTH: | Wheatlands | LOCATION #: | 6 | |
| | EAST & WEST: | Woodside | CONTROL: | STOP S | |

| CLASS 1: | NOTES: | AM | | ▲ N | |
|---|---|---|---|---|---|
| PASSENGER VEHICLES | | PM | ◄ W | | E ► |
| | | MD | | S | |
| | | OTHER | | ▼ | |
| | | OTHER | | | |

| | | NORTHBOUND Wheatlands | | | SOUTHBOUND Wheatlands | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 1 | 0 | 0 | 9 | 16 | 0 | 0 | 10 | 5 | 41 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 11 | 0 | 0 | 9 | 4 | 39 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 2 | 0 | 0 | 10 | 15 | 0 | 0 | 16 | 8 | 51 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 1 | 0 | 1 | 15 | 19 | 0 | 0 | 21 | 20 | 77 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 3 | 0 | 2 | 10 | 12 | 0 | 0 | 21 | 5 | 53 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 15 | 0 | 0 | 5 | 7 | 32 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 1 | 0 | 1 | 8 | 21 | 0 | 0 | 10 | 4 | 45 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 3 | 0 | 1 | 12 | 14 | 0 | 0 | 16 | 6 | 52 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 11 | 0 | 8 | 81 | 123 | 0 | 0 | 108 | 59 | 390 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 58% | 0% | 42% | 40% | 60% | 0% | 0% | 65% | 35% | | | | | | |
| | APP/DEPART | 0 | / | 140 | 19 | / | 0 | 204 | / | 134 | 167 | / | 116 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 6 | 0 | 4 | 49 | 57 | 0 | 0 | 67 | 37 | 220 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 60% | 0% | 40% | 46% | 54% | 0% | 0% | 64% | 36% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.500 | | | 0.779 | | | 0.634 | | 0.714 | | | | | |
| | APP/DEPART | 0 | / | 86 | 10 | / | 0 | 106 | / | 63 | 104 | / | 71 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 10 | 0 | 18 | 7 | 37 | 0 | 0 | 17 | 1 | 90 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 6 | 0 | 10 | 2 | 22 | 0 | 0 | 26 | 0 | 66 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 8 | 0 | 12 | 6 | 31 | 0 | 0 | 18 | 3 | 78 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 13 | 0 | 11 | 8 | 34 | 0 | 0 | 14 | 5 | 85 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 25 | 0 | 25 | 4 | 41 | 0 | 0 | 31 | 6 | 132 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 7 | 0 | 6 | 6 | 20 | 0 | 0 | 116 | 1 | 156 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 7 | 0 | 11 | 7 | 21 | 0 | 0 | 75 | 8 | 129 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 5 | 0 | 8 | 6 | 22 | 0 | 0 | 62 | 2 | 105 | 0 | 0 | 0 | 1 | 1 |
| | VOLUMES | 0 | 0 | 0 | 81 | 0 | 101 | 46 | 228 | 0 | 0 | 359 | 26 | 842 | 0 | 0 | 0 | 1 | 1 |
| | APPROACH % | 0% | 0% | 0% | 45% | 0% | 55% | 17% | 83% | 0% | 0% | 93% | 7% | | | | | | |
| | APP/DEPART | 0 | / | 72 | 182 | / | 0 | 274 | / | 310 | 386 | / | 460 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 44 | 0 | 50 | 23 | 104 | 0 | 0 | 284 | 17 | 523 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 47% | 0% | 53% | 18% | 82% | 0% | 0% | 94% | 6% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.470 | | | 0.706 | | | 0.645 | | 0.838 | | | | | |
| | APP/DEPART | 0 | / | 40 | 94 | / | 0 | 127 | / | 149 | 302 | / | 334 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

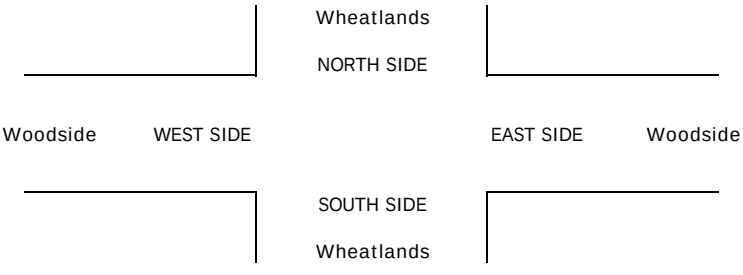
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Wheatlands | LOCATION #: | 6 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 2: 2-AXLE WORK VEHICLES/ TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND (Wheatlands) | | | SOUTHBOUND (Wheatlands) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL<br>X | NT<br>X | NR<br>X | SL<br>0 | ST<br>X | SR<br>0 | EL<br>1 | ET<br>1 | ER<br>X | WL<br>X | WT<br>2 | WR<br>0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 3 | 0 | 0 | 1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 5 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 1 | 0 | 0 | 3 | 1 | 11 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 3 | 0 | 0 | 3 | 3 | 17 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 4 | 0 | 0 | 6 | 1 | 16 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 3 | 0 | 15 | 11 | 17 | 0 | 0 | 26 | 5 | 77 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 17% | 0% | 83% | 39% | 61% | 0% | 0% | 84% | 16% | | | | | | |
| | APP/DEPART | 0 | / | 16 | 18 | / | 0 | 28 | / | 20 | 31 | / | 41 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 2 | 0 | 7 | 4 | 7 | 0 | 0 | 12 | 1 | 33 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 22% | 0% | 78% | 36% | 64% | 0% | 0% | 92% | 8% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.563 | | | 0.688 | | | 0.650 | | 0.750 | | | | | |
| | APP/DEPART | 0 | / | 5 | 9 | / | 0 | 11 | / | 9 | 13 | / | 19 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 1 | 8 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 3 | 1 | 8 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 4 | 0 | 5 | 6 | 13 | 0 | 0 | 14 | 3 | 45 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 44% | 0% | 56% | 32% | 68% | 0% | 0% | 82% | 18% | | | | | | |
| | APP/DEPART | 0 | / | 9 | 9 | / | 0 | 19 | / | 17 | 17 | / | 19 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 1 | 0 | 4 | 2 | 3 | 0 | 0 | 10 | 2 | 22 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 20% | 0% | 80% | 40% | 60% | 0% | 0% | 83% | 17% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.417 | | | 0.417 | | | 0.750 | | 0.688 | | | | | |
| | APP/DEPART | 0 | / | 4 | 5 | / | 0 | 5 | / | 4 | 12 | / | 14 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

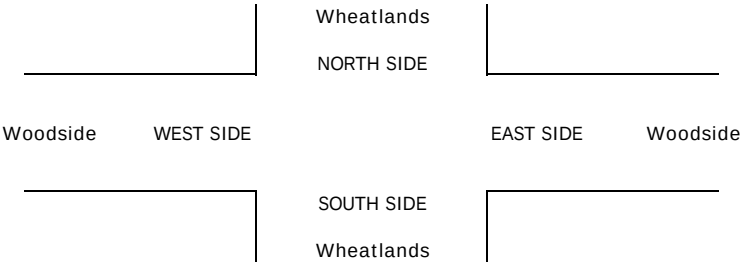
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Wheatlands | LOCATION #: | 6 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 3: 3-AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | NORTHBOUND (Wheatlands) | | | SOUTHBOUND (Wheatlands) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LANES: | NL<br>X | NT<br>X | NR<br>X | SL<br>0 | ST<br>X | SR<br>0 | EL<br>1 | ET<br>1 | ER<br>X | WL<br>X | WT<br>2 | WR<br>0 | TOTAL | NB | SB | EB | WB | TTL |
| AM 7:00 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 7:30 AM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| VOLUMES | 0 | 0 | 0 | 2 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 2 | 11 | 0 | 0 | 1 | 1 | 2 |
| APPROACH % | 0% | 0% | 0% | 67% | 0% | 33% | 67% | 0% | 0% | 0% | 40% | 40% | | | | | | |
| APP/DEPART | 0 | / | 4 | 3 | / | 0 | 3 | / | 3 | 5 | / | 4 | 0 | | | | | |
| BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 7 | | | | | |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 40% | 40% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.250 | | | 0.625 | | 0.583 | | | | | |
| APP/DEPART | 0 | / | 3 | 1 | / | 0 | 1 | / | 1 | 5 | / | 3 | 0 | | | | | |
| PM 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 | 1 | 7 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 33% | 67% | 0% | 0% | 75% | 25% | | | | | | |
| APP/DEPART | 0 | / | 2 | 0 | / | 0 | 3 | / | 2 | 4 | / | 3 | 0 | | | | | |
| BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 3 | | | | | |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.250 | | | 0.500 | | 0.375 | | | | | |
| APP/DEPART | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 2 | / | 2 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

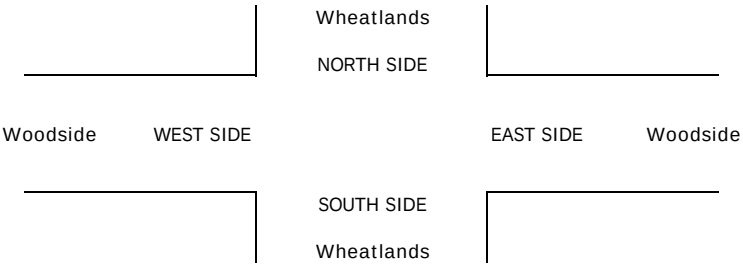
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Wheatlands | LOCATION #: | 6 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 4: 4 OR MORE AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Wheatlands | | | SOUTHBOUND Wheatlands | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 4 | 7 | 3 | 0 | 0 | 0 | 2 | 16 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 70% | 30% | 0% | 0% | 0% | 100% | | | | | | |
| | APP/DEPART | 0 | / | 9 | 4 | / | 0 | 10 | / | 3 | 2 | / | 4 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 6 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 50% | 50% | 0% | 0% | 0% | 100% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.500 | | | 0.250 | | 0.500 | | | | | |
| | APP/DEPART | 0 | / | 3 | 2 | / | 0 | 2 | / | 1 | 2 | / | 2 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 50% | 50% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 3 | / | 0 | 2 | / | 1 | 0 | / | 3 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 100% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.250 | | | 0.000 | | 0.500 | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 0 | 1 | / | 1 | 0 | / | 1 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

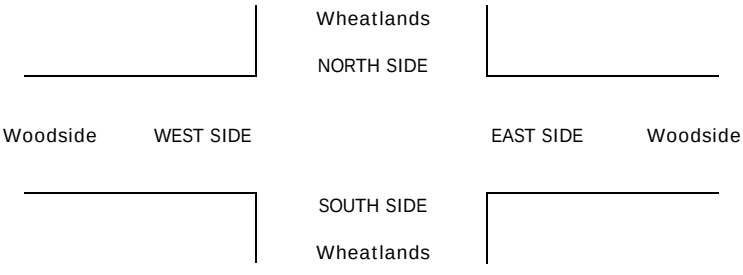
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Wheatlands | LOCATION #: | 6 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| CLASS 5: | NOTES: |
|---|---|
| RV | |

AM
PM
MD
OTHER
OTHER

▲ N
◄ W E ►
S ▼

| | | NORTHBOUND Wheatlands | | | SOUTHBOUND Wheatlands | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 1 | ET 1 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



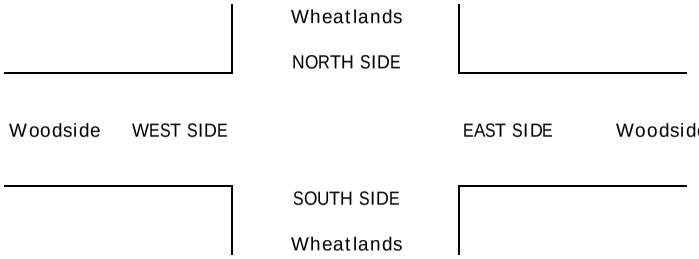
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Wheatlands | LOCATION #: | 6 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| CLASS 6: | NOTES: | AM / PM / MD / OTHER / OTHER |
|---|---|---|
| BUSES | | ▲ N, ◄ W, E ►, S ▼ |

| | | NORTHBOUND (Wheatlands) | | | SOUTHBOUND (Wheatlands) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL<br>X | NT<br>X | NR<br>X | SL<br>0 | ST<br>X | SR<br>0 | EL<br>1 | ET<br>1 | ER<br>X | WL<br>X | WT<br>2 | WR<br>0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 0 | 0 | / | 0 | 0 | / | 1 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:15 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.250 | | | 0.000 | | | 0.000 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 0 | 0 | / | 0 | 0 | / | 1 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Tue, May 2, 23

LOCATION: Santee
NORTH & SOUTH: Project Access
EAST & WEST: Woodside

PROJECT #: SC3984
LOCATION #: 7
CONTROL: STOP S

NOTES:

AM / PM / MD / OTHER / OTHER

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E ►
S ▼

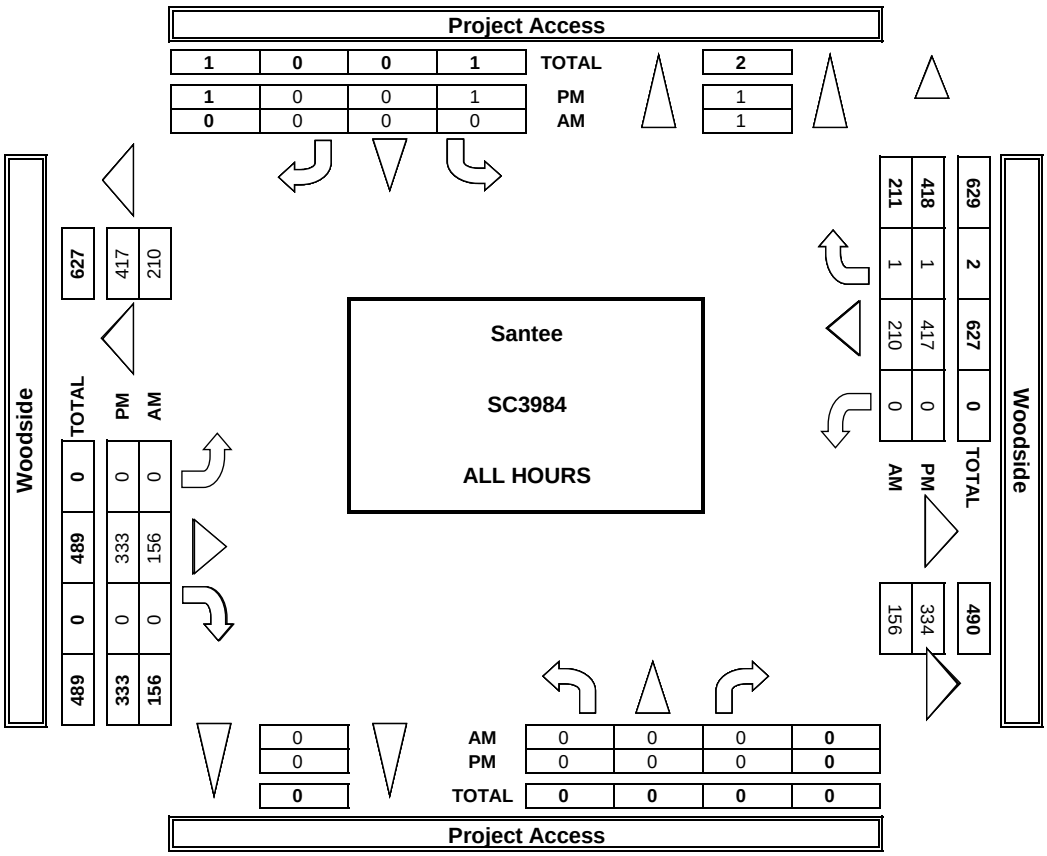
| | | NORTHBOUND (Project Access) | | | SOUTHBOUND (Project Access) | | | EASTBOUND (Woodside) | | | WESTBOUND (Woodside) | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL<br>X | NT<br>X | NR<br>X | SL<br>0 | ST<br>X | SR<br>0 | EL<br>0 | ET<br>2 | ER<br>X | WL<br>X | WT<br>2 | WR<br>0 | TOTAL | NB<br>0 | SB<br>0 | EB<br>0 | WB<br>0 | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 17 | 0 | 33 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 15 | 1 | 31 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 31 | 0 | 49 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 48 | 0 | 68 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 33 | 0 | 51 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 19 | 0 | 36 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 15 | 0 | 43 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 32 | 0 | 56 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 0 | 0 | 210 | 1 | 367 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 156 | / | 156 | 211 | / | 210 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 131 | 0 | 204 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.913 | | | 0.682 | | 0.750 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 73 | / | 73 | 131 | / | 131 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 22 | 0 | 75 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 30 | 0 | 0 | 28 | 0 | 59 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 25 | 0 | 69 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 22 | 0 | 72 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 41 | 0 | 112 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 123 | 1 | 152 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 89 | 0 | 115 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 67 | 0 | 98 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 333 | 0 | 0 | 417 | 1 | 752 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 1 | / | 0 | 333 | / | 334 | 418 | / | 417 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 0 | 0 | 320 | 1 | 477 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.549 | | | 0.647 | | 0.785 | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 156 | / | 156 | 321 | / | 320 | 0 | | | | | |

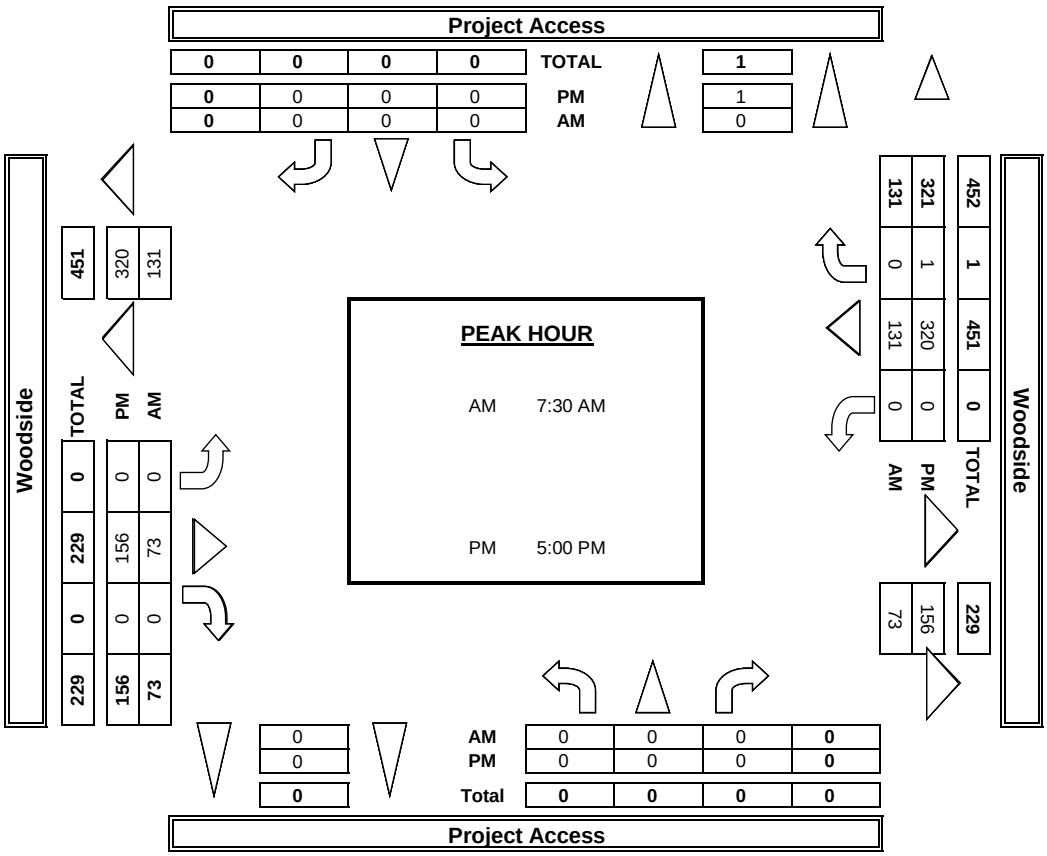



| | | ALL PED AND BIKE | | | | | PEDESTRIAN CROSSINGS | | | | | BICYCLE CROSSINGS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | N SIDE | S SIDE | E SIDE | W SIDE | TOTAL | NS | SS | ES | WS | TOTAL |
| AM | 7:00 AM | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
| | 7:15 AM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 1 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 |
| PM | 4:00 PM | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | 5:30 PM | 2 | 1 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 3 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | 5 | 1 | 0 | 1 | 7 | 1 | 0 | 0 | 0 | 1 | 4 | 1 | 0 | 1 | 6 |

**AimTD LLC**

TURNING MOVEMENT COUNTS



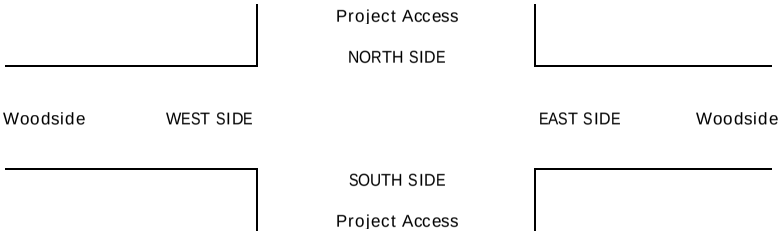
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Project Access | LOCATION #: | 7 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| | NOTES: | | | | | | | | | AM | | ▲ N | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCE | Class | 1 | 2 | 3 | 4 | 5 | 6 | | | PM | | | |
| Adjusted | Factor | 1 | 1.5 | 2 | 3 | 2 | 2 | | | MD | ◄ W | | E ► |
| | | | | | | | | | | OTHER | | S | |
| | | | | | | | | | | OTHER | | ▼ | |

| | | NORTHBOUND | | | SOUTHBOUND | | | EASTBOUND | | | WESTBOUND | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Project Access | | | Project Access | | | Woodside | | | Woodside | | | | | | | | |
| | LANES: | NL | NT | NR | SL | ST | SR | EL | ET | ER | WL | WT | WR | TOTAL | NB | SB | EB | WB | TTL |
| | | X | X | X | 0 | X | 0 | 0 | 2 | X | X | 2 | 0 | | | | | | |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 18 | 0 | 35 | | | | | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 18 | 1 | 37 | | | | | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 37 | 0 | 56 | | | | | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 51 | 0 | 72 | | | | | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 36 | 0 | 55 | | | | | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 23 | 0 | 41 | | | | | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 17 | 0 | 51 | | | | | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 33 | 0 | 62 | | | | | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 175 | 0 | 0 | 233 | 1 | 408 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 175 | / | 175 | 234 | / | 233 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 0 | 0 | 147 | 0 | 224 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.923 | | | 0.718 | | 0.778 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 78 | / | 78 | 147 | / | 147 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 26 | 0 | 84 | | | | | 0 |
| | 4:15 PM | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 32 | 0 | 0 | 32 | 0 | 65 | | | | | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 26 | 0 | 72 | | | | | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 22 | 0 | 73 | | | | | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 43 | 0 | 115 | | | | | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 126 | 1 | 156 | | | | | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 90 | 0 | 116 | | | | | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 69 | 0 | 101 | | | | | 0 |
| | VOLUMES | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 347 | 0 | 0 | 432 | 1 | 781 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 2 | / | 0 | 347 | / | 349 | 433 | / | 432 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 161 | 0 | 0 | 327 | 1 | 488 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.553 | | | 0.647 | | 0.782 | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 161 | / | 161 | 328 | / | 327 | 0 | | | | | |



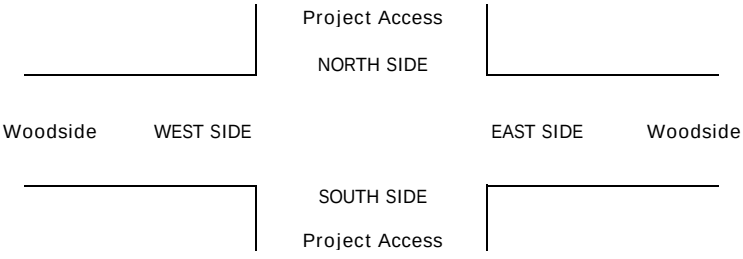
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Project Access | LOCATION #: | 7 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| CLASS 1: | NOTES: | AM / PM / MD / OTHER / OTHER | ▲ N / ◄ W / E ► / S ▼ |
|---|---|---|---|
| PASSENGER VEHICLES | | | |

| | | NORTHBOUND Project Access | | | SOUTHBOUND Project Access | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 0 | ET 2 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 15 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 11 | 1 | 25 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 26 | 0 | 42 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 45 | 0 | 63 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 28 | 0 | 44 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 12 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 11 | 0 | 32 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 30 | 0 | 47 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130 | 0 | 0 | 178 | 1 | 309 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 99% | 1% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 130 | / | 130 | 179 | / | 178 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 111 | 0 | 175 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.889 | | | 0.617 | | 0.694 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 64 | / | 64 | 111 | / | 111 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 18 | 0 | 63 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 25 | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 23 | 0 | 64 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 22 | 0 | 71 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 0 | 0 | 38 | 0 | 106 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 118 | 1 | 145 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 87 | 0 | 113 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 65 | 0 | 93 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 310 | 0 | 0 | 396 | 1 | 707 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 310 | / | 310 | 397 | / | 396 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 | 0 | 0 | 308 | 1 | 457 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.544 | | | 0.649 | | 0.788 | | | | | |
| | APP/DEPART | 0 | / | 1 | 0 | / | 0 | 148 | / | 148 | 309 | / | 308 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

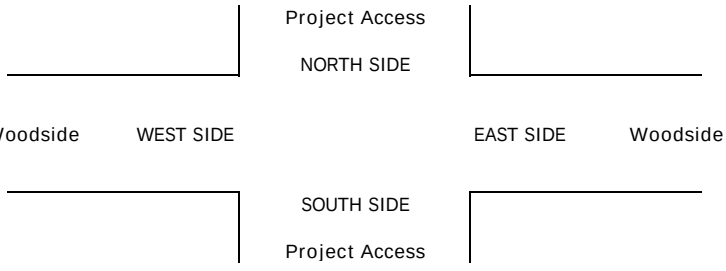
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Project Access | LOCATION #: | 7 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 2: 2-AXLE WORK VEHICLES/ TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Project Access | | | SOUTHBOUND Project Access | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 0 | ET 2 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 4 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 7 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 4 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 2 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 25 | 0 | 46 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 21 | / | 21 | 25 | / | 25 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 15 | 0 | 24 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.750 | | | 0.536 | | 0.600 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 9 | / | 9 | 15 | / | 15 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 3 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 20 | 0 | 0 | 17 | 0 | 38 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 1 | / | 0 | 20 | / | 21 | 17 | / | 17 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 11 | 0 | 18 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.583 | | | 0.550 | | 0.750 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 7 | / | 7 | 11 | / | 11 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

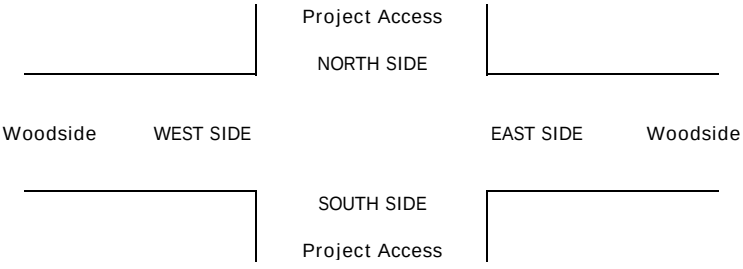
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Project Access | LOCATION #: | 7 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 3: 3-AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | NORTHBOUND Project Access | | | SOUTHBOUND Project Access | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 0 | ET 2 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | | | | | | | | | | | | | | | | | | |
| 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 4 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| APP/DEPART | 0 | / | 0 | 0 | / | 0 | 2 | / | 2 | 4 | / | 4 | 0 | | | | | |
| BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | | | | | |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.500 | | 0.500 | | | | | |
| APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 2 | / | 2 | 0 | | | | | |
| PM | | | | | | | | | | | | | | | | | | |
| 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| APP/DEPART | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 2 | / | 2 | 0 | | | | | |
| BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | | | | | |
| APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.250 | | 0.250 | | | | | |
| APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

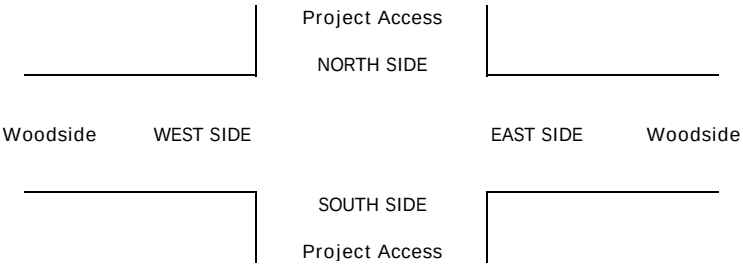
| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Project Access | LOCATION #: | 7 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

CLASS 4: 4 OR MORE AXLE TRUCKS

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Project Access | | | SOUTHBOUND Project Access | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 0 | ET 2 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 3 | / | 3 | 3 | / | 3 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.375 | | 0.375 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 3 | / | 3 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 2 | / | 2 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



# INTERSECTION TURNING MOVEMENT COUNTS

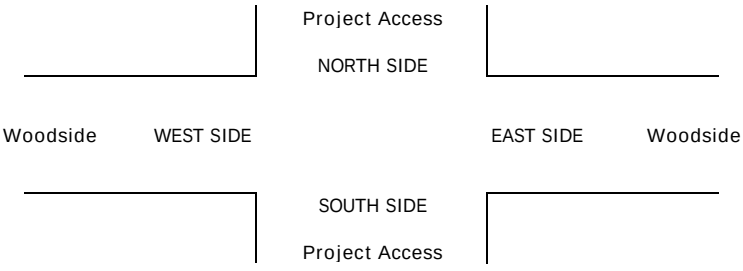
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Project Access | LOCATION #: | 7 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| CLASS 5: | NOTES: |
|---|---|
| RV | |

AM PM MD OTHER OTHER — ▲ N, ◄ W, E ►, S ▼

| | | NORTHBOUND Project Access | | | SOUTHBOUND Project Access | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 0 | ET 2 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.250 | | | 0.000 | | 0.250 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 1 | / | 1 | 0 | / | 0 | 0 | | | | | |



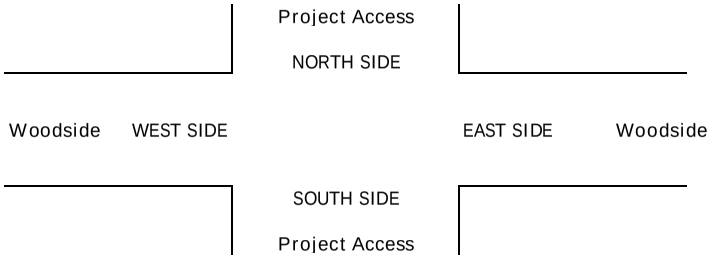
# INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

| DATE: | LOCATION: | Santee | PROJECT #: | SC3984 |
|---|---|---|---|---|
| 5/2/23 | NORTH & SOUTH: | Project Access | LOCATION #: | 7 |
| TUESDAY | EAST & WEST: | Woodside | CONTROL: | STOP S |

| CLASS 6: | NOTES: | AM / PM / MD / OTHER / OTHER | ▲ N ◄ W E ► S ▼ |
|---|---|---|---|
| BUSES | | | |

| | | NORTHBOUND Project Access | | | SOUTHBOUND Project Access | | | EASTBOUND Woodside | | | WESTBOUND Woodside | | | | U-TURNS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LANES: | NL X | NT X | NR X | SL 0 | ST X | SR 0 | EL 0 | ET 2 | ER X | WL X | WT 2 | WR 0 | TOTAL | NB | SB | EB | WB | TTL |
| AM | 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:15 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:30 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8:45 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 7:30 AM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| PM | 4:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |
| | BEGIN PEAK HR | | 5:00 PM | | | | | | | | | | | | | | | | |
| | VOLUMES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | APPROACH % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | | | | | |
| | PEAK HR FACTOR | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | 0.000 | | | | | |
| | APP/DEPART | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | / | 0 | 0 | | | | | |



Saturday, March 25, 2023 CITY: Santee PROJECT: SC3903

**ADT1 Driveway north of Woodside.SA.** **Prepared by AimTD LLC tel. 714 253 7888**

| AM Period | IN | | OUT | | | PM Period | IN | | OUT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | | 10 | | | 12:00 | 6 | | 34 | | |
| 0:15 | 0 | | 10 | | | 12:15 | 9 | | 30 | | |
| 0:30 | 1 | | 7 | | | 12:30 | 2 | | 22 | | |
| 0:45 | 1 | 2 | 3 | 30 | 32 | 12:45 | 2 | 19 | 18 | 104 | 123 |
| 1:00 | 0 | | 0 | | | 13:00 | 1 | | 14 | | |
| 1:15 | 0 | | 0 | | | 13:15 | 2 | | 8 | | |
| 1:30 | 1 | | 0 | | | 13:30 | 2 | | 13 | | |
| 1:45 | 2 | 3 | 0 | 0 | 3 | 13:45 | 4 | 9 | 10 | 45 | 54 |
| 2:00 | 0 | | 0 | | | 14:00 | 1 | | 5 | | |
| 2:15 | 1 | | 0 | | | 14:15 | 1 | | 4 | | |
| 2:30 | 1 | | 0 | | | 14:30 | 0 | | 3 | | |
| 2:45 | 3 | 5 | 0 | 0 | 5 | 14:45 | 0 | 2 | 3 | 15 | 17 |
| 3:00 | 1 | | 0 | | | 15:00 | 1 | | 2 | | |
| 3:15 | 2 | | 0 | | | 15:15 | 0 | | 1 | | |
| 3:30 | 1 | | 0 | | | 15:30 | 0 | | 0 | | |
| 3:45 | 3 | 7 | 0 | 0 | 7 | 15:45 | 0 | 1 | 0 | 3 | 4 |
| 4:00 | 16 | | 0 | | | 16:00 | 0 | | 0 | | |
| 4:15 | 8 | | 1 | | | 16:15 | 0 | | 0 | | |
| 4:30 | 3 | | 1 | | | 16:30 | 0 | | 0 | | |
| 4:45 | 13 | 40 | 0 | 2 | 42 | 16:45 | 0 | 0 | 0 | 0 | |
| 5:00 | 36 | | 0 | | | 17:00 | 0 | | 0 | | |
| 5:15 | 26 | | 0 | | | 17:15 | 0 | | 0 | | |
| 5:30 | 29 | | 1 | | | 17:30 | 1 | | 0 | | |
| 5:45 | 36 | 127 | 1 | 2 | 129 | 17:45 | 1 | 2 | 0 | 0 | 2 |
| 6:00 | 48 | | 4 | | | 18:00 | 3 | | 0 | | |
| 6:15 | 69 | | 5 | | | 18:15 | 9 | | 1 | | |
| 6:30 | 66 | | 13 | | | 18:30 | 18 | | 0 | | |
| 6:45 | 51 | 234 | 19 | 41 | 275 | 18:45 | 20 | 50 | 0 | 1 | 51 |
| 7:00 | 78 | | 24 | | | 19:00 | 26 | | 1 | | |
| 7:15 | 68 | | 42 | | | 19:15 | 22 | | 1 | | |
| 7:30 | 57 | | 42 | | | 19:30 | 23 | | 0 | | |
| 7:45 | 65 | 268 | 42 | 150 | 418 | 19:45 | 10 | 81 | 2 | 4 | 85 |
| 8:00 | 53 | | 45 | | | 20:00 | 5 | | 1 | | |
| 8:15 | 50 | | 68 | | | 20:15 | 4 | | 0 | | |
| 8:30 | 65 | | 58 | | | 20:30 | 2 | | 1 | | |
| 8:45 | 47 | 215 | 56 | 227 | 442 | 20:45 | 0 | 11 | 1 | 3 | 14 |
| 9:00 | 58 | | 56 | | | 21:00 | 1 | | 0 | | |
| 9:15 | 42 | | 65 | | | 21:15 | 3 | | 2 | | |
| 9:30 | 35 | | 71 | | | 21:30 | 4 | | 15 | | |
| 9:45 | 27 | 162 | 70 | 262 | 424 | 21:45 | 7 | 15 | 17 | 34 | 49 |
| 10:00 | 42 | | 65 | | | 22:00 | 7 | | 5 | | |
| 10:15 | 18 | | 55 | | | 22:15 | 3 | | 51 | | |
| 10:30 | 22 | | 54 | | | 22:30 | 4 | | 11 | | |
| 10:45 | 16 | 98 | 56 | 230 | 328 | 22:45 | 0 | 14 | 1 | 68 | 82 |
| 11:00 | 11 | | 44 | | | 23:00 | 1 | | 5 | | |
| 11:15 | 8 | | 40 | | | 23:15 | 0 | | 7 | | |
| 11:30 | 8 | | 39 | | | 23:30 | 0 | | 3 | | |
| 11:45 | 7 | 34 | 21 | 144 | 178 | 23:45 | 2 | 3 | 3 | 18 | 21 |
| Total Vol. | | 1195 | | 1088 | 2283 | | | 207 | | 295 | 502 |

Daily Totals

| IN | OUT | Combined |
|---|---|---|
| 1402 | 1383 | 2785 |

| | AM | | | PM | | |
|---|---|---|---|---|---|---|
| Split % | 52.3% | 47.7% | 82.0% | 41.2% | 58.8% | 18.0% |
| Peak Hour | 7:00 | 9:15 | 8:15 | 18:45 | 12:00 | 12:00 |
| Volume | 268 | 271 | 458 | 91 | 104 | 123 |
| P.H.F. | 0.86 | 0.95 | 0.93 | 0.87 | 0.76 | 0.77 |

cs@aimtd.com Tell. 714 253 7888

Tuesday, March 28, 2023 CITY: Santee PROJECT: SC3903

**ADT1 Driveway north of Woodside.TU.** **Prepared by AimTD LLC tel. 714 253 7888**

| AM Period | IN | | OUT | | | PM Period | IN | | OUT | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | | 5 | | | 12:00 | 0 | | 0 | | |
| 0:15 | 0 | | 0 | | | 12:15 | 0 | | 0 | | |
| 0:30 | 0 | | 3 | | | 12:30 | 0 | | 0 | | |
| 0:45 | 0 | 0 | 0 | 8 | 8 | 12:45 | 0 | 0 | 0 | 0 | |
| 1:00 | 0 | | 0 | | | 13:00 | 1 | | 0 | | |
| 1:15 | 0 | | 0 | | | 13:15 | 1 | | 0 | | |
| 1:30 | 0 | | 0 | | | 13:30 | 1 | | 2 | | |
| 1:45 | 0 | 0 | 0 | 0 | | 13:45 | 2 | 5 | 0 | 2 | 7 |
| 2:00 | 0 | | 0 | | | 14:00 | 0 | | 1 | | |
| 2:15 | 0 | | 0 | | | 14:15 | 0 | | 1 | | |
| 2:30 | 0 | | 0 | | | 14:30 | 0 | | 0 | | |
| 2:45 | 0 | 0 | 0 | 0 | | 14:45 | 0 | 0 | 0 | 2 | 2 |
| 3:00 | 0 | | 0 | | | 15:00 | 0 | | 0 | | |
| 3:15 | 0 | | 0 | | | 15:15 | 0 | | 0 | | |
| 3:30 | 0 | | 0 | | | 15:30 | 1 | | 0 | | |
| 3:45 | 0 | 0 | 0 | 0 | | 15:45 | 0 | 1 | 0 | 0 | 1 |
| 4:00 | 0 | | 0 | | | 16:00 | 0 | | 2 | | |
| 4:15 | 0 | | 0 | | | 16:15 | 0 | | 0 | | |
| 4:30 | 0 | | 0 | | | 16:30 | 0 | | 0 | | |
| 4:45 | 0 | 0 | 0 | 0 | | 16:45 | 1 | 1 | 0 | 2 | 3 |
| 5:00 | 0 | | 0 | | | 17:00 | 0 | | 0 | | |
| 5:15 | 0 | | 0 | | | 17:15 | 0 | | 0 | | |
| 5:30 | 0 | | 0 | | | 17:30 | 0 | | 1 | | |
| 5:45 | 0 | 0 | 0 | 0 | | 17:45 | 0 | 0 | 0 | 1 | 1 |
| 6:00 | 0 | | 0 | | | 18:00 | 1 | | 0 | | |
| 6:15 | 0 | | 0 | | | 18:15 | 0 | | 0 | | |
| 6:30 | 0 | | 0 | | | 18:30 | 2 | | 0 | | |
| 6:45 | 0 | 0 | 0 | 0 | | 18:45 | 3 | 6 | 0 | 0 | 6 |
| 7:00 | 0 | | 0 | | | 19:00 | 4 | | 0 | | |
| 7:15 | 0 | | 0 | | | 19:15 | 5 | | 0 | | |
| 7:30 | 0 | | 0 | | | 19:30 | 9 | | 1 | | |
| 7:45 | 0 | 0 | 0 | 0 | | 19:45 | 7 | 25 | 1 | 2 | 27 |
| 8:00 | 0 | | 0 | | | 20:00 | 2 | | 1 | | |
| 8:15 | 0 | | 0 | | | 20:15 | 0 | | 1 | | |
| 8:30 | 0 | | 0 | | | 20:30 | 4 | | 1 | | |
| 8:45 | 0 | 0 | 0 | 0 | | 20:45 | 0 | 6 | 0 | 3 | 9 |
| 9:00 | 0 | | 0 | | | 21:00 | 0 | | 1 | | |
| 9:15 | 0 | | 0 | | | 21:15 | 0 | | 0 | | |
| 9:30 | 0 | | 0 | | | 21:30 | 0 | | 5 | | |
| 9:45 | 1 | 1 | 2 | 2 | 3 | 21:45 | 1 | 1 | 4 | 10 | 11 |
| 10:00 | 1 | | 0 | | | 22:00 | 1 | | 2 | | |
| 10:15 | 0 | | 0 | | | 22:15 | 2 | | 13 | | |
| 10:30 | 0 | | 0 | | | 22:30 | 0 | | 3 | | |
| 10:45 | 0 | 1 | 0 | 0 | 1 | 22:45 | 0 | 3 | 0 | 18 | 21 |
| 11:00 | 0 | | 0 | | | 23:00 | 0 | | 0 | | |
| 11:15 | 0 | | 0 | | | 23:15 | 0 | | 1 | | |
| 11:30 | 0 | | 0 | | | 23:30 | 0 | | 1 | | |
| 11:45 | 0 | 0 | 0 | 0 | | 23:45 | 0 | 0 | 0 | 2 | 2 |
| Total Vol. | | 2 | | 10 | 12 | | | 48 | | 42 | 90 |

Daily Totals

| IN | OUT | Combined |
|---|---|---|
| 50 | 52 | 102 |

| | AM | | | PM | | |
|---|---|---|---|---|---|---|
| Split % | 16.7% | 83.3% | 11.8% | 53.3% | 46.7% | 88.2% |
| Peak Hour | 9:15 | | | 19:00 | 21:30 | 21:30 |
| Volume | 2 | 8 | 8 | 25 | 24 | 28 |
| P.H.F. | 0.50 | 0.40 | 0.40 | 0.75 | 0.46 | 0.47 |

cs@aimtd.com Tell. 714 253 7888

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT1 Driveway west of Woodside

| AM TIME | EB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | EB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 16 | 0 | 0 | 0 | 0 | 0 | 16 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 22:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 22:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 10 | 1 | 0 | 0 | 0 | 0 | 11 |
| TOTAL | 4 | 2 | 0 | 0 | 0 | 0 | 6 | TOTAL | 45 | 7 | 0 | 0 | 0 | 0 | 52 |
| | | | | AM PEAK HOUR | | | 10:30 AM | | | | | AM PEAK HOUR | | | 9:45 PM |
| | | | | AM PEAK VOLUME | | | 5 | | | | | AM PEAK VOLUME | | | 22 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 49 | 9 | 0 | 0 | 0 | 0 | 58 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 84.5% | 15.5% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 100 | 17 | 0 | 0 | 0 | 0 | 117 |
| CLASS 6 | Buses | % OF TOTAL | 85.5% | 14.5% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023
JOB #: SC3984

CITY: Santee
LOCATION: ADT1 Driveway west of Woodside

| AM | WB | | | | | | |
|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 4 | 2 | 0 | 0 | 0 | 0 | 6 |

| | |
|---|---|
| AM PEAK HOUR | 10:00 AM |
| AM PEAK VOLUME | 4 |

| PM | WB | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 13:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 19:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 19:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 19:30 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 19:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 20:00 | 5 | 1 | 0 | 0 | 0 | 0 | 6 |
| 20:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 20:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 20:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 21:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 22:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 47 | 6 | 0 | 0 | 0 | 0 | 53 |

| | |
|---|---|
| AM PEAK HOUR | 7:30 PM |
| AM PEAK VOLUME | 25 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | | 51 | 8 | 0 | 0 | 0 | 0 | 59 |
| % OF TOTAL | | 86.4% | 13.6% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT1 Driveway west of Woodside

| AM TIME | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 7:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 19:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:30 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 7:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:00 | 5 | 2 | 0 | 0 | 0 | 0 | 7 |
| 8:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 9:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 9:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21:45 | 18 | 0 | 0 | 0 | 0 | 0 | 18 |
| 10:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 22:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:30 | 2 | 3 | 0 | 0 | 0 | 0 | 5 | 22:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 22:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23:45 | 10 | 1 | 0 | 0 | 0 | 0 | 11 |
| TOTAL | 8 | 4 | 0 | 0 | 0 | 0 | 12 | TOTAL | 92 | 13 | 0 | 0 | 0 | 0 | 105 |

| | |
|---|---|
| AM PEAK HOUR | 10:00 AM |
| AM PEAK VOLUME | 8 |

| | |
|---|---|
| AM PEAK HOUR | 9:30 PM |
| AM PEAK VOLUME | 27 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | | 100 | 17 | 0 | 0 | 0 | 0 | 117 |
| % OF TOTAL | | 85.5% | 14.5% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| CLASS 1 | PASSENGER VEHICLES | | | | | | | |
| CLASS 2 | 2-AXLE TRUCKS | | | | | | | |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | |
| CLASS 5 | RV | | | | | | | |
| CLASS 6 | Buses | | | | | | | |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT2 Wheatlands north of Woodside

| AM TIME | NB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | NB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:00 | 9 | 2 | 0 | 1 | 0 | 0 | 12 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 12 | 3 | 0 | 0 | 0 | 0 | 15 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 7 | 0 | 0 | 1 | 1 | 0 | 9 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 10 | 4 | 2 | 0 | 1 | 0 | 17 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 12 | 2 | 1 | 1 | 0 | 0 | 16 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 7 | 0 | 1 | 0 | 0 | 0 | 8 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 8 | 6 | 0 | 0 | 0 | 0 | 14 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 19 | 2 | 1 | 0 | 0 | 0 | 22 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 9 | 6 | 0 | 0 | 0 | 0 | 15 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 4 | 4 | 0 | 1 | 0 | 0 | 9 |
| 2:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 14:30 | 8 | 5 | 0 | 1 | 0 | 0 | 14 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:45 | 15 | 3 | 0 | 0 | 0 | 0 | 18 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 8 | 5 | 0 | 0 | 0 | 0 | 13 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 7 | 0 | 1 | 0 | 0 | 0 | 8 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 15 | 3 | 0 | 0 | 0 | 0 | 18 |
| 3:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:45 | 14 | 2 | 1 | 0 | 0 | 0 | 17 |
| 4:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 16:00 | 8 | 1 | 1 | 0 | 0 | 0 | 10 |
| 4:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:15 | 2 | 0 | 1 | 0 | 0 | 0 | 3 |
| 4:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:30 | 9 | 3 | 0 | 0 | 0 | 0 | 12 |
| 4:45 | 7 | 2 | 0 | 0 | 0 | 0 | 9 | 16:45 | 13 | 1 | 0 | 1 | 0 | 0 | 15 |
| 5:00 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 17:00 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 5:15 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 17:15 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 5:30 | 13 | 1 | 0 | 1 | 0 | 0 | 15 | 17:30 | 15 | 1 | 0 | 0 | 0 | 0 | 16 |
| 5:45 | 20 | 2 | 0 | 0 | 0 | 0 | 22 | 17:45 | 8 | 2 | 0 | 0 | 0 | 0 | 10 |
| 6:00 | 14 | 2 | 0 | 0 | 0 | 0 | 16 | 18:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6:15 | 10 | 1 | 0 | 0 | 0 | 0 | 11 | 18:15 | 2 | 3 | 0 | 0 | 0 | 0 | 5 |
| 6:30 | 10 | 1 | 0 | 0 | 0 | 0 | 11 | 18:30 | 8 | 1 | 0 | 0 | 0 | 0 | 9 |
| 6:45 | 40 | 3 | 0 | 0 | 0 | 0 | 43 | 18:45 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| 7:00 | 14 | 0 | 0 | 0 | 0 | 0 | 14 | 19:00 | 3 | 1 | 0 | 0 | 0 | 0 | 4 |
| 7:15 | 18 | 1 | 1 | 0 | 0 | 0 | 20 | 19:15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 7:30 | 18 | 0 | 2 | 2 | 0 | 0 | 22 | 19:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:45 | 35 | 1 | 0 | 1 | 0 | 0 | 37 | 19:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 15 | 3 | 0 | 0 | 0 | 0 | 18 | 20:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8:15 | 10 | 6 | 0 | 0 | 0 | 0 | 16 | 20:15 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 8:30 | 12 | 2 | 0 | 3 | 0 | 0 | 17 | 20:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:45 | 18 | 3 | 1 | 3 | 0 | 0 | 25 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 11 | 3 | 0 | 0 | 0 | 0 | 14 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 10 | 1 | 0 | 0 | 0 | 0 | 11 | 21:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:30 | 13 | 2 | 0 | 0 | 0 | 0 | 15 | 21:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:45 | 12 | 2 | 0 | 0 | 0 | 0 | 14 | 21:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 | 7 | 3 | 2 | 1 | 0 | 0 | 13 | 22:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:15 | 8 | 5 | 0 | 1 | 0 | 0 | 14 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 4 | 5 | 0 | 1 | 0 | 0 | 10 | 22:30 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 10:45 | 6 | 4 | 0 | 1 | 0 | 0 | 11 | 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:15 | 7 | 7 | 2 | 0 | 0 | 0 | 16 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 13 | 5 | 0 | 0 | 0 | 0 | 18 | 23:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:45 | 12 | 4 | 1 | 1 | 0 | 0 | 18 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 391 | 71 | 9 | 15 | 0 | 0 | 486 | TOTAL | 272 | 65 | 9 | 6 | 2 | 0 | 354 |
| | | | | AM PEAK HOUR | | | 6:45 AM | | | | | AM PEAK HOUR | | | 1:45 PM |
| | | | | AM PEAK VOLUME | | | 99 | | | | | AM PEAK VOLUME | | | 60 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 663 | 136 | 18 | 21 | 2 | 0 | 840 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 78.9% | 16.2% | 2.1% | 2.5% | 0.2% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 1,300 | 255 | 30 | 38 | 5 | 3 | 1,631 |
| CLASS 6 | Buses | % OF TOTAL | 79.7% | 15.6% | 1.8% | 2.3% | 0.3% | 0.2% | 100.0% |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023
JOB #: SC3984

CITY: Santee
LOCATION: ADT2 Wheatlands north of Woodside

| AM | SB | | | | | | |
|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:45 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 5:00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 5:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 5:30 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 5:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| 6:15 | 2 | 4 | 0 | 0 | 0 | 0 | 6 |
| 6:30 | 5 | 3 | 0 | 0 | 0 | 0 | 8 |
| 6:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 7:00 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| 7:15 | 1 | 3 | 0 | 0 | 0 | 1 | 5 |
| 7:30 | 2 | 2 | 1 | 0 | 0 | 0 | 5 |
| 7:45 | 2 | 0 | 0 | 2 | 0 | 0 | 4 |
| 8:00 | 5 | 4 | 0 | 0 | 0 | 0 | 9 |
| 8:15 | 2 | 5 | 0 | 0 | 0 | 0 | 7 |
| 8:30 | 2 | 1 | 1 | 1 | 0 | 0 | 5 |
| 8:45 | 4 | 3 | 0 | 1 | 0 | 0 | 8 |
| 9:00 | 13 | 2 | 0 | 0 | 0 | 0 | 15 |
| 9:15 | 4 | 2 | 0 | 0 | 0 | 0 | 6 |
| 9:30 | 9 | 3 | 0 | 0 | 0 | 0 | 12 |
| 9:45 | 13 | 4 | 0 | 0 | 0 | 0 | 17 |
| 10:00 | 12 | 2 | 0 | 4 | 0 | 0 | 18 |
| 10:15 | 4 | 5 | 1 | 2 | 0 | 0 | 12 |
| 10:30 | 6 | 6 | 0 | 0 | 0 | 0 | 12 |
| 10:45 | 3 | 2 | 1 | 0 | 0 | 0 | 6 |
| 11:00 | 14 | 1 | 0 | 0 | 0 | 0 | 15 |
| 11:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 11:30 | 11 | 3 | 0 | 0 | 0 | 0 | 14 |
| 11:45 | 10 | 3 | 1 | 0 | 0 | 0 | 14 |
| TOTAL | 151 | 64 | 6 | 10 | 0 | 1 | 232 |

| | |
|---|---|
| AM PEAK HOUR | 9:45 AM |
| AM PEAK VOLUME | 59 |

| PM | SB | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 12:00 | 8 | 1 | 0 | 0 | 0 | 0 | 9 |
| 12:15 | 5 | 0 | 0 | 1 | 0 | 0 | 6 |
| 12:30 | 6 | 1 | 0 | 0 | 0 | 0 | 7 |
| 12:45 | 6 | 4 | 1 | 0 | 0 | 0 | 11 |
| 13:00 | 13 | 1 | 0 | 0 | 1 | 0 | 15 |
| 13:15 | 9 | 5 | 2 | 0 | 0 | 0 | 16 |
| 13:30 | 11 | 3 | 0 | 0 | 0 | 0 | 14 |
| 13:45 | 12 | 1 | 0 | 0 | 0 | 1 | 14 |
| 14:00 | 8 | 1 | 0 | 1 | 0 | 0 | 10 |
| 14:15 | 12 | 5 | 0 | 0 | 0 | 1 | 18 |
| 14:30 | 21 | 4 | 0 | 1 | 0 | 0 | 26 |
| 14:45 | 13 | 2 | 1 | 0 | 0 | 0 | 16 |
| 15:00 | 19 | 3 | 0 | 0 | 0 | 0 | 22 |
| 15:15 | 8 | 4 | 1 | 0 | 1 | 0 | 14 |
| 15:30 | 35 | 2 | 0 | 0 | 0 | 0 | 37 |
| 15:45 | 11 | 2 | 1 | 0 | 0 | 0 | 14 |
| 16:00 | 28 | 2 | 0 | 2 | 0 | 0 | 32 |
| 16:15 | 16 | 1 | 0 | 0 | 0 | 0 | 17 |
| 16:30 | 20 | 1 | 0 | 0 | 0 | 0 | 21 |
| 16:45 | 24 | 0 | 0 | 0 | 0 | 0 | 24 |
| 17:00 | 50 | 3 | 0 | 0 | 0 | 0 | 53 |
| 17:15 | 13 | 1 | 0 | 0 | 0 | 0 | 14 |
| 17:30 | 18 | 0 | 0 | 1 | 0 | 0 | 19 |
| 17:45 | 13 | 1 | 0 | 0 | 0 | 0 | 14 |
| 18:00 | 13 | 0 | 0 | 0 | 0 | 0 | 13 |
| 18:15 | 13 | 1 | 0 | 0 | 0 | 0 | 14 |
| 18:30 | 9 | 3 | 0 | 1 | 0 | 0 | 13 |
| 18:45 | 6 | 2 | 0 | 0 | 0 | 0 | 8 |
| 19:00 | 15 | 0 | 0 | 0 | 0 | 0 | 15 |
| 19:15 | 13 | 1 | 0 | 0 | 0 | 0 | 14 |
| 19:30 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 19:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 20:00 | 3 | 0 | 0 | 0 | 1 | 0 | 4 |
| 20:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 20:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21:15 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 21:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 21:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 23:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 486 | 55 | 6 | 7 | 3 | 2 | 559 |

| | |
|---|---|
| AM PEAK HOUR | 4:15 PM |
| AM PEAK VOLUME | 115 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | | 637 | 119 | 12 | 17 | 3 | 3 | 791 |
| % OF TOTAL | | 80.5% | 15.0% | 1.5% | 2.1% | 0.4% | 0.4% | 100.0% |
| CLASS 1 | PASSENGER VEHICLES | | | | | | | |
| CLASS 2 | 2-AXLE TRUCKS | | | | | | | |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | |
| CLASS 5 | RV | | | | | | | |
| CLASS 6 | BUS | | | | | | | |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT2 Wheatlands north of Woodside

| AM TIME | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:00 | 17 | 3 | 0 | 1 | 0 | 0 | 21 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 17 | 3 | 0 | 1 | 0 | 0 | 21 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 13 | 1 | 0 | 1 | 1 | 0 | 16 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 16 | 8 | 3 | 0 | 1 | 0 | 28 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:00 | 25 | 3 | 1 | 1 | 1 | 0 | 31 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 16 | 5 | 3 | 0 | 0 | 0 | 24 |
| 1:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 13:30 | 19 | 9 | 0 | 0 | 0 | 0 | 28 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 31 | 3 | 1 | 0 | 0 | 1 | 36 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:00 | 17 | 7 | 0 | 1 | 0 | 0 | 25 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 16 | 9 | 0 | 1 | 0 | 1 | 27 |
| 2:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 14:30 | 29 | 9 | 0 | 2 | 0 | 0 | 40 |
| 2:45 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 14:45 | 28 | 5 | 1 | 0 | 0 | 0 | 34 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:00 | 27 | 8 | 0 | 0 | 0 | 0 | 35 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 15 | 4 | 2 | 0 | 1 | 0 | 22 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 50 | 5 | 0 | 0 | 0 | 0 | 55 |
| 3:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:45 | 25 | 4 | 2 | 0 | 0 | 0 | 31 |
| 4:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:00 | 36 | 3 | 1 | 2 | 0 | 0 | 42 |
| 4:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 16:15 | 18 | 1 | 1 | 0 | 0 | 0 | 20 |
| 4:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 16:30 | 29 | 4 | 0 | 0 | 0 | 0 | 33 |
| 4:45 | 7 | 4 | 0 | 0 | 0 | 0 | 11 | 16:45 | 37 | 1 | 0 | 1 | 0 | 0 | 39 |
| 5:00 | 10 | 1 | 0 | 0 | 0 | 0 | 11 | 17:00 | 60 | 3 | 0 | 0 | 0 | 0 | 63 |
| 5:15 | 11 | 1 | 0 | 0 | 0 | 0 | 12 | 17:15 | 20 | 2 | 0 | 0 | 0 | 0 | 22 |
| 5:30 | 15 | 2 | 0 | 1 | 0 | 0 | 18 | 17:30 | 33 | 1 | 0 | 1 | 0 | 0 | 35 |
| 5:45 | 21 | 2 | 0 | 0 | 0 | 0 | 23 | 17:45 | 21 | 3 | 0 | 0 | 0 | 0 | 24 |
| 6:00 | 16 | 3 | 0 | 0 | 0 | 0 | 19 | 18:00 | 18 | 0 | 0 | 0 | 0 | 0 | 18 |
| 6:15 | 12 | 5 | 0 | 0 | 0 | 0 | 17 | 18:15 | 15 | 4 | 0 | 0 | 0 | 0 | 19 |
| 6:30 | 15 | 4 | 0 | 0 | 0 | 0 | 19 | 18:30 | 17 | 4 | 0 | 1 | 0 | 0 | 22 |
| 6:45 | 44 | 3 | 0 | 0 | 0 | 0 | 47 | 18:45 | 9 | 3 | 0 | 0 | 0 | 0 | 12 |
| 7:00 | 15 | 0 | 1 | 0 | 0 | 0 | 16 | 19:00 | 18 | 1 | 0 | 0 | 0 | 0 | 19 |
| 7:15 | 19 | 4 | 1 | 0 | 0 | 1 | 25 | 19:15 | 14 | 2 | 0 | 0 | 0 | 0 | 16 |
| 7:30 | 20 | 2 | 3 | 2 | 0 | 0 | 27 | 19:30 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 7:45 | 37 | 1 | 0 | 3 | 0 | 0 | 41 | 19:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 8:00 | 20 | 7 | 0 | 0 | 0 | 0 | 27 | 20:00 | 5 | 0 | 0 | 0 | 1 | 0 | 6 |
| 8:15 | 12 | 11 | 0 | 0 | 0 | 0 | 23 | 20:15 | 8 | 1 | 0 | 0 | 0 | 0 | 9 |
| 8:30 | 14 | 3 | 1 | 4 | 0 | 0 | 22 | 20:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 8:45 | 22 | 6 | 1 | 4 | 0 | 0 | 33 | 20:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 24 | 5 | 0 | 0 | 0 | 0 | 29 | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:15 | 14 | 3 | 0 | 0 | 0 | 0 | 17 | 21:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9:30 | 22 | 5 | 0 | 0 | 0 | 0 | 27 | 21:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 9:45 | 25 | 6 | 0 | 0 | 0 | 0 | 31 | 21:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10:00 | 19 | 5 | 2 | 5 | 0 | 0 | 31 | 22:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:15 | 12 | 10 | 1 | 3 | 0 | 0 | 26 | 22:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 10 | 11 | 0 | 1 | 0 | 0 | 22 | 22:30 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| 10:45 | 9 | 6 | 1 | 1 | 0 | 0 | 17 | 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 | 23 | 1 | 0 | 0 | 0 | 0 | 24 | 23:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:15 | 15 | 7 | 2 | 0 | 0 | 0 | 24 | 23:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:30 | 24 | 8 | 0 | 0 | 0 | 0 | 32 | 23:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:45 | 22 | 7 | 2 | 1 | 0 | 0 | 32 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 542 | 135 | 15 | 25 | 0 | 1 | 718 | TOTAL | 758 | 120 | 15 | 13 | 5 | 2 | 913 |

| AM PEAK HOUR | 7:15 AM |
|---|---|
| AM PEAK VOLUME | 120 |

| PM PEAK HOUR | 4:45 PM |
|---|---|
| AM PEAK VOLUME | 159 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 1,300 | 255 | 30 | 38 | 5 | 3 | 1,631 |
| % OF TOTAL | 79.7% | 15.6% | 1.8% | 2.3% | 0.3% | 0.2% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT3 Woodside west of Wheatlands

| AM TIME | EB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | EB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 12:00 | 26 | 6 | 1 | 1 | 0 | 0 | 34 |
| 0:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:15 | 31 | 7 | 1 | 0 | 0 | 0 | 39 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 22 | 2 | 1 | 1 | 0 | 0 | 26 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 27 | 5 | 2 | 0 | 0 | 0 | 34 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:00 | 27 | 3 | 2 | 1 | 0 | 0 | 33 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 33 | 6 | 0 | 0 | 1 | 0 | 40 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 39 | 9 | 1 | 0 | 1 | 0 | 50 |
| 1:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:45 | 37 | 4 | 1 | 0 | 0 | 0 | 42 |
| 2:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 14:00 | 25 | 10 | 0 | 1 | 0 | 0 | 36 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 22 | 4 | 2 | 1 | 1 | 0 | 30 |
| 2:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 14:30 | 26 | 5 | 0 | 0 | 0 | 0 | 31 |
| 2:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 14:45 | 25 | 4 | 1 | 0 | 0 | 0 | 30 |
| 3:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:00 | 35 | 7 | 1 | 0 | 0 | 0 | 43 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 31 | 5 | 0 | 1 | 0 | 0 | 37 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 39 | 6 | 0 | 0 | 0 | 0 | 45 |
| 3:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 15:45 | 38 | 7 | 2 | 0 | 0 | 0 | 47 |
| 4:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 16:00 | 44 | 3 | 1 | 0 | 0 | 0 | 48 |
| 4:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 16:15 | 24 | 3 | 1 | 0 | 0 | 0 | 28 |
| 4:30 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 16:30 | 37 | 5 | 0 | 0 | 0 | 0 | 42 |
| 4:45 | 31 | 2 | 0 | 0 | 0 | 0 | 33 | 16:45 | 42 | 3 | 0 | 1 | 0 | 0 | 46 |
| 5:00 | 11 | 1 | 0 | 0 | 0 | 0 | 12 | 17:00 | 45 | 0 | 0 | 1 | 0 | 0 | 46 |
| 5:15 | 23 | 1 | 0 | 0 | 0 | 0 | 24 | 17:15 | 26 | 1 | 0 | 0 | 0 | 0 | 27 |
| 5:30 | 25 | 1 | 0 | 1 | 0 | 0 | 27 | 17:30 | 28 | 1 | 0 | 0 | 0 | 0 | 29 |
| 5:45 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 17:45 | 28 | 3 | 1 | 0 | 0 | 0 | 32 |
| 6:00 | 21 | 2 | 0 | 0 | 0 | 0 | 23 | 18:00 | 17 | 1 | 0 | 1 | 0 | 0 | 19 |
| 6:15 | 14 | 2 | 0 | 1 | 0 | 0 | 17 | 18:15 | 14 | 2 | 0 | 0 | 0 | 0 | 16 |
| 6:30 | 19 | 1 | 0 | 0 | 0 | 0 | 20 | 18:30 | 20 | 1 | 0 | 0 | 0 | 0 | 21 |
| 6:45 | 40 | 5 | 0 | 0 | 0 | 0 | 45 | 18:45 | 8 | 1 | 1 | 0 | 0 | 0 | 10 |
| 7:00 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 19:00 | 15 | 1 | 0 | 0 | 0 | 0 | 16 |
| 7:15 | 25 | 4 | 0 | 1 | 0 | 0 | 30 | 19:15 | 19 | 1 | 0 | 0 | 0 | 0 | 20 |
| 7:30 | 25 | 2 | 1 | 0 | 0 | 0 | 28 | 19:30 | 25 | 0 | 0 | 0 | 0 | 0 | 25 |
| 7:45 | 34 | 2 | 0 | 1 | 0 | 0 | 37 | 19:45 | 16 | 0 | 0 | 0 | 0 | 0 | 16 |
| 8:00 | 22 | 3 | 0 | 0 | 0 | 0 | 25 | 20:00 | 15 | 0 | 0 | 0 | 0 | 0 | 15 |
| 8:15 | 18 | 6 | 0 | 0 | 0 | 0 | 24 | 20:15 | 9 | 1 | 0 | 0 | 0 | 0 | 10 |
| 8:30 | 29 | 5 | 0 | 4 | 0 | 0 | 38 | 20:30 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 8:45 | 26 | 6 | 2 | 4 | 0 | 0 | 38 | 20:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9:00 | 25 | 4 | 0 | 0 | 0 | 0 | 29 | 21:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 9:15 | 30 | 4 | 0 | 0 | 0 | 0 | 34 | 21:15 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 9:30 | 27 | 3 | 0 | 0 | 0 | 0 | 30 | 21:30 | 11 | 0 | 0 | 0 | 0 | 0 | 11 |
| 9:45 | 22 | 4 | 0 | 0 | 0 | 0 | 26 | 21:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 | 21 | 2 | 3 | 2 | 0 | 0 | 28 | 22:00 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 10:15 | 20 | 4 | 1 | 2 | 0 | 0 | 27 | 22:15 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 10:30 | 19 | 5 | 0 | 1 | 0 | 0 | 25 | 22:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:45 | 24 | 2 | 1 | 2 | 0 | 0 | 29 | 22:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 | 22 | 1 | 0 | 1 | 0 | 0 | 24 | 23:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:15 | 23 | 7 | 2 | 1 | 0 | 0 | 33 | 23:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:30 | 34 | 5 | 1 | 0 | 0 | 0 | 40 | 23:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:45 | 30 | 5 | 0 | 0 | 0 | 0 | 35 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 740 | 90 | 11 | 21 | 0 | 0 | 862 | TOTAL | 976 | 117 | 19 | 9 | 3 | 0 | 1,124 |

| | | | |
|---|---|---|---|
| AM PEAK HOUR | 8:30 AM | AM PEAK HOUR | 3:15 PM |
| AM PEAK VOLUME | 139 | AM PEAK VOLUME | 177 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 1,716 | 207 | 30 | 30 | 3 | 0 | 1,986 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 86.4% | 10.4% | 1.5% | 1.5% | 0.2% | 0.0% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 3,182 | 429 | 53 | 51 | 7 | 3 | 3,725 |
| CLASS 6 | Buses | % OF TOTAL | 85.4% | 11.5% | 1.4% | 1.4% | 0.2% | 0.1% | 100.0% |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023
JOB #: SC3984

CITY: Santee
LOCATION: ADT3 Woodside west of Wheatlands

| AM | WB | | | | | | |
|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 4:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 4:45 | 3 | 4 | 0 | 0 | 0 | 0 | 7 |
| 5:00 | 1 | 2 | 0 | 0 | 0 | 0 | 3 |
| 5:15 | 4 | 1 | 0 | 0 | 0 | 0 | 5 |
| 5:30 | 4 | 1 | 0 | 0 | 0 | 0 | 5 |
| 5:45 | 8 | 2 | 0 | 0 | 0 | 0 | 10 |
| 6:00 | 11 | 3 | 0 | 0 | 0 | 0 | 14 |
| 6:15 | 5 | 9 | 1 | 0 | 1 | 0 | 16 |
| 6:30 | 10 | 10 | 0 | 0 | 0 | 0 | 20 |
| 6:45 | 11 | 2 | 0 | 0 | 0 | 0 | 13 |
| 7:00 | 10 | 2 | 0 | 0 | 0 | 0 | 12 |
| 7:15 | 10 | 4 | 0 | 0 | 0 | 1 | 15 |
| 7:30 | 16 | 7 | 1 | 0 | 0 | 0 | 24 |
| 7:45 | 22 | 3 | 1 | 2 | 0 | 0 | 28 |
| 8:00 | 23 | 5 | 1 | 0 | 0 | 0 | 29 |
| 8:15 | 7 | 8 | 0 | 0 | 0 | 0 | 15 |
| 8:30 | 11 | 4 | 0 | 1 | 0 | 0 | 16 |
| 8:45 | 17 | 8 | 1 | 1 | 0 | 0 | 27 |
| 9:00 | 26 | 5 | 0 | 0 | 0 | 0 | 31 |
| 9:15 | 13 | 7 | 0 | 0 | 0 | 0 | 20 |
| 9:30 | 27 | 5 | 0 | 0 | 0 | 0 | 32 |
| 9:45 | 22 | 4 | 0 | 0 | 0 | 0 | 26 |
| 10:00 | 20 | 4 | 0 | 5 | 0 | 0 | 29 |
| 10:15 | 8 | 6 | 2 | 2 | 0 | 0 | 18 |
| 10:30 | 15 | 8 | 0 | 0 | 0 | 0 | 23 |
| 10:45 | 9 | 6 | 1 | 0 | 0 | 0 | 16 |
| 11:00 | 32 | 5 | 0 | 0 | 0 | 0 | 37 |
| 11:15 | 30 | 1 | 0 | 0 | 0 | 0 | 31 |
| 11:30 | 23 | 6 | 1 | 2 | 0 | 0 | 32 |
| 11:45 | 25 | 5 | 0 | 1 | 0 | 0 | 31 |
| TOTAL | 433 | 138 | 9 | 14 | 1 | 1 | 596 |

| | |
|---|---|
| AM PEAK HOUR | 11:00 AM |
| AM PEAK VOLUME | 131 |

| PM | WB | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 12:00 | 25 | 3 | 0 | 0 | 0 | 0 | 28 |
| 12:15 | 16 | 0 | 0 | 1 | 0 | 0 | 17 |
| 12:30 | 9 | 2 | 0 | 1 | 0 | 0 | 12 |
| 12:45 | 19 | 5 | 1 | 0 | 0 | 0 | 25 |
| 13:00 | 23 | 3 | 1 | 0 | 1 | 0 | 28 |
| 13:15 | 21 | 5 | 3 | 0 | 0 | 0 | 29 |
| 13:30 | 42 | 6 | 0 | 0 | 0 | 0 | 48 |
| 13:45 | 16 | 5 | 0 | 0 | 0 | 1 | 22 |
| 14:00 | 22 | 2 | 0 | 1 | 0 | 0 | 25 |
| 14:15 | 25 | 7 | 0 | 0 | 0 | 1 | 33 |
| 14:30 | 57 | 4 | 1 | 0 | 0 | 0 | 62 |
| 14:45 | 24 | 2 | 0 | 0 | 0 | 0 | 26 |
| 15:00 | 22 | 4 | 1 | 0 | 1 | 0 | 28 |
| 15:15 | 23 | 6 | 1 | 0 | 1 | 0 | 31 |
| 15:30 | 51 | 4 | 0 | 0 | 0 | 0 | 55 |
| 15:45 | 24 | 3 | 1 | 0 | 0 | 0 | 28 |
| 16:00 | 35 | 2 | 0 | 2 | 0 | 0 | 39 |
| 16:15 | 36 | 2 | 0 | 0 | 0 | 0 | 38 |
| 16:30 | 30 | 1 | 1 | 0 | 0 | 0 | 32 |
| 16:45 | 25 | 0 | 0 | 0 | 0 | 0 | 25 |
| 17:00 | 56 | 4 | 0 | 0 | 0 | 0 | 60 |
| 17:15 | 122 | 4 | 0 | 0 | 0 | 0 | 126 |
| 17:30 | 86 | 2 | 1 | 1 | 0 | 0 | 90 |
| 17:45 | 70 | 4 | 1 | 0 | 0 | 0 | 75 |
| 18:00 | 16 | 0 | 0 | 0 | 0 | 0 | 16 |
| 18:15 | 7 | 1 | 0 | 0 | 0 | 0 | 8 |
| 18:30 | 8 | 2 | 1 | 1 | 0 | 0 | 12 |
| 18:45 | 12 | 1 | 1 | 0 | 0 | 0 | 14 |
| 19:00 | 19 | 0 | 0 | 0 | 0 | 0 | 19 |
| 19:15 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 19:30 | 12 | 0 | 0 | 0 | 0 | 0 | 12 |
| 19:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 20:00 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| 20:15 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| 20:30 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 20:45 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 21:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 21:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 21:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 21:45 | 14 | 0 | 0 | 0 | 0 | 0 | 14 |
| 22:00 | 4 | 0 | 0 | 0 | 0 | 0 | 4 |
| 22:15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 22:30 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 22:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 23:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 23:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 23:30 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1,033 | 84 | 14 | 7 | 3 | 2 | 1,143 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 PM |
| AM PEAK VOLUME | 351 |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 1,466 | 222 | 23 | 21 | 4 | 3 | 1,739 |
| % OF TOTAL | 84.3% | 12.8% | 1.3% | 1.2% | 0.2% | 0.2% | 100.0% |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT3 Woodside west of Wheatlands

| AM TIME | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 12:00 | 51 | 9 | 1 | 1 | 0 | 0 | 62 |
| 0:15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 12:15 | 47 | 7 | 1 | 1 | 0 | 0 | 56 |
| 0:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:30 | 31 | 4 | 1 | 2 | 0 | 0 | 38 |
| 0:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12:45 | 46 | 10 | 3 | 0 | 0 | 0 | 59 |
| 1:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13:00 | 50 | 6 | 3 | 1 | 1 | 0 | 61 |
| 1:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:15 | 54 | 11 | 3 | 0 | 1 | 0 | 69 |
| 1:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13:30 | 81 | 15 | 1 | 0 | 1 | 0 | 98 |
| 1:45 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 13:45 | 53 | 9 | 1 | 0 | 0 | 1 | 64 |
| 2:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 14:00 | 47 | 12 | 0 | 2 | 0 | 0 | 61 |
| 2:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14:15 | 47 | 11 | 2 | 1 | 1 | 1 | 63 |
| 2:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 14:30 | 83 | 9 | 1 | 0 | 0 | 0 | 93 |
| 2:45 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 14:45 | 49 | 6 | 1 | 0 | 0 | 0 | 56 |
| 3:00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15:00 | 57 | 11 | 2 | 0 | 1 | 0 | 71 |
| 3:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:15 | 54 | 11 | 1 | 1 | 1 | 0 | 68 |
| 3:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15:30 | 90 | 10 | 0 | 0 | 0 | 0 | 100 |
| 3:45 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 15:45 | 62 | 10 | 3 | 0 | 0 | 0 | 75 |
| 4:00 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 16:00 | 79 | 5 | 1 | 2 | 0 | 0 | 87 |
| 4:15 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 16:15 | 60 | 5 | 1 | 0 | 0 | 0 | 66 |
| 4:30 | 6 | 1 | 0 | 0 | 0 | 0 | 7 | 16:30 | 67 | 6 | 1 | 0 | 0 | 0 | 74 |
| 4:45 | 34 | 6 | 0 | 0 | 0 | 0 | 40 | 16:45 | 67 | 3 | 0 | 1 | 0 | 0 | 71 |
| 5:00 | 12 | 3 | 0 | 0 | 0 | 0 | 15 | 17:00 | 101 | 4 | 0 | 1 | 0 | 0 | 106 |
| 5:15 | 27 | 2 | 0 | 0 | 0 | 0 | 29 | 17:15 | 148 | 5 | 0 | 0 | 0 | 0 | 153 |
| 5:30 | 29 | 2 | 0 | 1 | 0 | 0 | 32 | 17:30 | 114 | 3 | 1 | 1 | 0 | 0 | 119 |
| 5:45 | 38 | 2 | 0 | 0 | 0 | 0 | 40 | 17:45 | 98 | 7 | 2 | 0 | 0 | 0 | 107 |
| 6:00 | 32 | 5 | 0 | 0 | 0 | 0 | 37 | 18:00 | 33 | 1 | 0 | 1 | 0 | 0 | 35 |
| 6:15 | 19 | 11 | 1 | 1 | 1 | 0 | 33 | 18:15 | 21 | 3 | 0 | 0 | 0 | 0 | 24 |
| 6:30 | 29 | 11 | 0 | 0 | 0 | 0 | 40 | 18:30 | 28 | 3 | 1 | 1 | 0 | 0 | 33 |
| 6:45 | 51 | 7 | 0 | 0 | 0 | 0 | 58 | 18:45 | 20 | 2 | 2 | 0 | 0 | 0 | 24 |
| 7:00 | 35 | 2 | 0 | 0 | 0 | 0 | 37 | 19:00 | 34 | 1 | 0 | 0 | 0 | 0 | 35 |
| 7:15 | 35 | 8 | 0 | 1 | 0 | 1 | 45 | 19:15 | 26 | 1 | 0 | 0 | 0 | 0 | 27 |
| 7:30 | 41 | 9 | 2 | 0 | 0 | 0 | 52 | 19:30 | 37 | 0 | 0 | 0 | 0 | 0 | 37 |
| 7:45 | 56 | 5 | 1 | 3 | 0 | 0 | 65 | 19:45 | 21 | 0 | 0 | 0 | 0 | 0 | 21 |
| 8:00 | 45 | 8 | 1 | 0 | 0 | 0 | 54 | 20:00 | 24 | 0 | 0 | 0 | 0 | 0 | 24 |
| 8:15 | 25 | 14 | 0 | 0 | 0 | 0 | 39 | 20:15 | 18 | 1 | 0 | 0 | 0 | 0 | 19 |
| 8:30 | 40 | 9 | 0 | 5 | 0 | 0 | 54 | 20:30 | 15 | 0 | 0 | 0 | 0 | 0 | 15 |
| 8:45 | 43 | 14 | 3 | 5 | 0 | 0 | 65 | 20:45 | 12 | 0 | 0 | 0 | 0 | 0 | 12 |
| 9:00 | 51 | 9 | 0 | 0 | 0 | 0 | 60 | 21:00 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| 9:15 | 43 | 11 | 0 | 0 | 0 | 0 | 54 | 21:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9:30 | 54 | 8 | 0 | 0 | 0 | 0 | 62 | 21:30 | 16 | 0 | 0 | 0 | 0 | 0 | 16 |
| 9:45 | 44 | 8 | 0 | 0 | 0 | 0 | 52 | 21:45 | 18 | 0 | 0 | 0 | 0 | 0 | 18 |
| 10:00 | 41 | 6 | 3 | 7 | 0 | 0 | 57 | 22:00 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 10:15 | 28 | 10 | 3 | 4 | 0 | 0 | 45 | 22:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 10:30 | 34 | 13 | 0 | 1 | 0 | 0 | 48 | 22:30 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10:45 | 33 | 8 | 2 | 2 | 0 | 0 | 45 | 22:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 11:00 | 54 | 6 | 0 | 1 | 0 | 0 | 61 | 23:00 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| 11:15 | 53 | 8 | 2 | 1 | 0 | 0 | 64 | 23:15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:30 | 57 | 11 | 2 | 2 | 0 | 0 | 72 | 23:30 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:45 | 55 | 10 | 0 | 1 | 0 | 0 | 66 | 23:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1,173 | 228 | 20 | 35 | 1 | 1 | 1,458 | TOTAL | 2,009 | 201 | 33 | 16 | 6 | 2 | 2,267 |

| | |
|---|---|
| AM PEAK HOUR | 11:00 AM |
| AM PEAK VOLUME | 263 |

| | |
|---|---|
| AM PEAK HOUR | 5:00 PM |
| AM PEAK VOLUME | 485 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 3,182 | 429 | 53 | 51 | 7 | 3 | 3,725 |
| % OF TOTAL | 85.4% | 11.5% | 1.4% | 1.4% | 0.2% | 0.1% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

**DATE:** Tuesday, May 02, 2023 **CITY:** Santee

**JOB #:** SC3984 **LOCATION:** ADT4 Woodside East of Magnolia

| AM TIME | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 33 | 0 | 0 | 0 | 0 | 0 | 33 | 12:00 | 432 | 32 | 4 | 4 | 1 | 0 | 473 |
| 0:15 | 17 | 1 | 0 | 0 | 0 | 0 | 18 | 12:15 | 401 | 24 | 2 | 5 | 3 | 0 | 435 |
| 0:30 | 17 | 0 | 0 | 0 | 0 | 0 | 17 | 12:30 | 396 | 29 | 3 | 3 | 0 | 1 | 432 |
| 0:45 | 17 | 2 | 0 | 0 | 0 | 0 | 19 | 12:45 | 424 | 27 | 2 | 0 | 0 | 1 | 454 |
| 1:00 | 16 | 1 | 0 | 0 | 0 | 0 | 17 | 13:00 | 390 | 33 | 3 | 5 | 0 | 0 | 431 |
| 1:15 | 14 | 0 | 0 | 0 | 0 | 0 | 14 | 13:15 | 419 | 26 | 4 | 5 | 0 | 0 | 454 |
| 1:30 | 11 | 0 | 0 | 0 | 0 | 0 | 11 | 13:30 | 412 | 31 | 5 | 4 | 0 | 0 | 452 |
| 1:45 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 13:45 | 446 | 29 | 3 | 3 | 0 | 3 | 484 |
| 2:00 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 14:00 | 429 | 36 | 1 | 2 | 0 | 2 | 470 |
| 2:15 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 14:15 | 407 | 31 | 6 | 5 | 1 | 5 | 455 |
| 2:30 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 14:30 | 497 | 30 | 4 | 3 | 0 | 1 | 535 |
| 2:45 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 14:45 | 488 | 30 | 3 | 5 | 0 | 2 | 528 |
| 3:00 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 15:00 | 508 | 22 | 3 | 6 | 0 | 2 | 541 |
| 3:15 | 11 | 2 | 0 | 0 | 0 | 0 | 13 | 15:15 | 554 | 33 | 4 | 4 | 1 | 2 | 598 |
| 3:30 | 10 | 1 | 0 | 0 | 0 | 0 | 11 | 15:30 | 606 | 27 | 4 | 2 | 0 | 1 | 640 |
| 3:45 | 28 | 1 | 0 | 0 | 0 | 0 | 29 | 15:45 | 573 | 20 | 4 | 2 | 0 | 2 | 601 |
| 4:00 | 28 | 0 | 0 | 1 | 0 | 0 | 29 | 16:00 | 572 | 34 | 1 | 5 | 0 | 0 | 612 |
| 4:15 | 30 | 2 | 0 | 5 | 0 | 0 | 37 | 16:15 | 521 | 20 | 2 | 5 | 0 | 0 | 548 |
| 4:30 | 56 | 1 | 0 | 0 | 0 | 0 | 57 | 16:30 | 539 | 25 | 2 | 1 | 0 | 0 | 567 |
| 4:45 | 103 | 5 | 0 | 2 | 0 | 0 | 110 | 16:45 | 500 | 11 | 2 | 2 | 0 | 0 | 515 |
| 5:00 | 87 | 8 | 0 | 1 | 0 | 0 | 96 | 17:00 | 616 | 15 | 1 | 0 | 0 | 0 | 632 |
| 5:15 | 112 | 9 | 0 | 2 | 0 | 0 | 123 | 17:15 | 590 | 20 | 1 | 2 | 0 | 0 | 613 |
| 5:30 | 136 | 7 | 0 | 3 | 0 | 0 | 146 | 17:30 | 540 | 15 | 0 | 5 | 0 | 0 | 560 |
| 5:45 | 171 | 11 | 1 | 4 | 0 | 0 | 187 | 17:45 | 533 | 15 | 3 | 2 | 0 | 0 | 553 |
| 6:00 | 164 | 20 | 0 | 1 | 0 | 0 | 185 | 18:00 | 422 | 6 | 1 | 0 | 0 | 0 | 429 |
| 6:15 | 181 | 33 | 2 | 4 | 0 | 0 | 220 | 18:15 | 383 | 9 | 0 | 2 | 0 | 0 | 394 |
| 6:30 | 217 | 45 | 2 | 1 | 1 | 0 | 266 | 18:30 | 381 | 6 | 0 | 0 | 0 | 0 | 387 |
| 6:45 | 298 | 36 | 5 | 1 | 0 | 0 | 340 | 18:45 | 378 | 5 | 0 | 2 | 0 | 0 | 385 |
| 7:00 | 280 | 26 | 3 | 3 | 1 | 2 | 315 | 19:00 | 333 | 9 | 0 | 0 | 0 | 0 | 342 |
| 7:15 | 370 | 31 | 3 | 2 | 0 | 6 | 412 | 19:15 | 298 | 8 | 1 | 0 | 0 | 0 | 307 |
| 7:30 | 403 | 42 | 2 | 4 | 0 | 1 | 452 | 19:30 | 268 | 9 | 1 | 0 | 0 | 0 | 278 |
| 7:45 | 464 | 32 | 2 | 1 | 0 | 2 | 501 | 19:45 | 258 | 6 | 0 | 1 | 0 | 0 | 265 |
| 8:00 | 427 | 36 | 4 | 3 | 0 | 2 | 472 | 20:00 | 259 | 4 | 0 | 0 | 0 | 0 | 263 |
| 8:15 | 370 | 35 | 2 | 7 | 0 | 0 | 414 | 20:15 | 218 | 5 | 0 | 0 | 0 | 0 | 223 |
| 8:30 | 338 | 35 | 1 | 3 | 0 | 0 | 377 | 20:30 | 218 | 4 | 0 | 0 | 0 | 0 | 222 |
| 8:45 | 355 | 28 | 2 | 2 | 0 | 3 | 390 | 20:45 | 171 | 5 | 0 | 0 | 0 | 0 | 176 |
| 9:00 | 334 | 32 | 4 | 4 | 1 | 1 | 376 | 21:00 | 169 | 1 | 1 | 1 | 0 | 0 | 172 |
| 9:15 | 286 | 31 | 2 | 3 | 0 | 0 | 322 | 21:15 | 150 | 3 | 1 | 0 | 0 | 0 | 154 |
| 9:30 | 309 | 29 | 3 | 7 | 1 | 0 | 349 | 21:30 | 123 | 1 | 0 | 1 | 0 | 0 | 125 |
| 9:45 | 289 | 31 | 0 | 4 | 0 | 0 | 324 | 21:45 | 130 | 0 | 0 | 1 | 0 | 0 | 131 |
| 10:00 | 341 | 33 | 2 | 3 | 4 | 0 | 383 | 22:00 | 99 | 0 | 0 | 0 | 0 | 0 | 99 |
| 10:15 | 292 | 26 | 3 | 5 | 0 | 0 | 326 | 22:15 | 67 | 0 | 0 | 0 | 0 | 0 | 67 |
| 10:30 | 308 | 32 | 1 | 4 | 1 | 0 | 346 | 22:30 | 53 | 1 | 0 | 0 | 0 | 0 | 54 |
| 10:45 | 356 | 34 | 4 | 5 | 0 | 2 | 401 | 22:45 | 56 | 1 | 0 | 0 | 0 | 0 | 57 |
| 11:00 | 375 | 27 | 4 | 2 | 0 | 1 | 409 | 23:00 | 60 | 0 | 0 | 0 | 0 | 0 | 60 |
| 11:15 | 372 | 27 | 6 | 6 | 0 | 0 | 411 | 23:15 | 39 | 0 | 0 | 0 | 0 | 0 | 39 |
| 11:30 | 409 | 30 | 3 | 5 | 1 | 0 | 448 | 23:30 | 51 | 0 | 0 | 0 | 0 | 0 | 51 |
| 11:45 | 352 | 22 | 3 | 1 | 0 | 0 | 378 | 23:45 | 37 | 0 | 0 | 0 | 0 | 0 | 37 |
| TOTAL | 8,837 | 804 | 64 | 99 | 10 | 20 | 9,834 | TOTAL | 16,414 | 698 | 72 | 88 | 6 | 22 | 17,300 |

| AM PEAK HOUR | 7:30 AM |
|---|---|
| AM PEAK VOLUME | 1,839 |

| PM PEAK HOUR | 3:15 PM |
|---|---|
| PM PEAK VOLUME | 2,451 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | 25,251 | 1,502 | 136 | 187 | 16 | 42 | 27,134 |
| % OF TOTAL | 93.1% | 5.5% | 0.5% | 0.7% | 0.1% | 0.2% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | Buses |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT5 Magnolia south of Woodside

| AM TIME | NB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | NB 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 19 | 0 | 0 | 0 | 0 | 0 | 19 | 12:00 | 205 | 14 | 2 | 2 | 0 | 1 | 224 |
| 0:15 | 16 | 0 | 0 | 0 | 0 | 0 | 16 | 12:15 | 202 | 16 | 3 | 4 | 1 | 1 | 227 |
| 0:30 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 12:30 | 208 | 11 | 2 | 1 | 0 | 1 | 223 |
| 0:45 | 13 | 0 | 0 | 0 | 0 | 0 | 13 | 12:45 | 197 | 11 | 0 | 0 | 1 | 0 | 209 |
| 1:00 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 13:00 | 210 | 16 | 1 | 0 | 0 | 2 | 229 |
| 1:15 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | 13:15 | 235 | 20 | 1 | 1 | 0 | 1 | 258 |
| 1:30 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 13:30 | 204 | 13 | 1 | 1 | 0 | 1 | 220 |
| 1:45 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 13:45 | 237 | 18 | 1 | 2 | 0 | 2 | 260 |
| 2:00 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 14:00 | 228 | 17 | 1 | 2 | 0 | 0 | 248 |
| 2:15 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 14:15 | 264 | 15 | 2 | 2 | 0 | 2 | 285 |
| 2:30 | 9 | 0 | 0 | 1 | 0 | 0 | 10 | 14:30 | 243 | 21 | 1 | 1 | 0 | 2 | 268 |
| 2:45 | 11 | 0 | 0 | 0 | 0 | 0 | 11 | 14:45 | 276 | 24 | 1 | 2 | 0 | 0 | 303 |
| 3:00 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 15:00 | 297 | 14 | 2 | 4 | 0 | 1 | 318 |
| 3:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 15:15 | 317 | 20 | 3 | 4 | 0 | 3 | 347 |
| 3:30 | 8 | 1 | 0 | 0 | 0 | 0 | 9 | 15:30 | 360 | 12 | 0 | 1 | 0 | 1 | 374 |
| 3:45 | 11 | 1 | 0 | 0 | 0 | 0 | 12 | 15:45 | 312 | 13 | 1 | 2 | 0 | 0 | 328 |
| 4:00 | 14 | 0 | 0 | 1 | 0 | 0 | 15 | 16:00 | 328 | 17 | 1 | 2 | 0 | 0 | 348 |
| 4:15 | 20 | 0 | 0 | 3 | 0 | 0 | 23 | 16:15 | 321 | 12 | 0 | 3 | 0 | 2 | 338 |
| 4:30 | 29 | 1 | 0 | 1 | 0 | 0 | 31 | 16:30 | 337 | 10 | 4 | 0 | 0 | 0 | 351 |
| 4:45 | 63 | 4 | 0 | 0 | 0 | 0 | 67 | 16:45 | 344 | 7 | 1 | 1 | 0 | 3 | 356 |
| 5:00 | 51 | 3 | 0 | 1 | 0 | 0 | 55 | 17:00 | 317 | 5 | 1 | 1 | 0 | 0 | 324 |
| 5:15 | 82 | 4 | 0 | 1 | 0 | 0 | 87 | 17:15 | 338 | 10 | 0 | 2 | 0 | 0 | 350 |
| 5:30 | 96 | 3 | 0 | 3 | 0 | 0 | 102 | 17:30 | 280 | 4 | 0 | 2 | 0 | 1 | 287 |
| 5:45 | 135 | 1 | 1 | 1 | 0 | 0 | 138 | 17:45 | 283 | 13 | 1 | 2 | 0 | 1 | 300 |
| 6:00 | 83 | 8 | 0 | 2 | 0 | 1 | 94 | 18:00 | 260 | 5 | 0 | 1 | 0 | 0 | 266 |
| 6:15 | 102 | 7 | 1 | 0 | 0 | 0 | 110 | 18:15 | 225 | 6 | 0 | 0 | 0 | 2 | 233 |
| 6:30 | 123 | 9 | 0 | 1 | 0 | 0 | 133 | 18:30 | 244 | 4 | 0 | 0 | 0 | 0 | 248 |
| 6:45 | 196 | 14 | 3 | 1 | 0 | 1 | 215 | 18:45 | 188 | 4 | 0 | 1 | 0 | 0 | 193 |
| 7:00 | 184 | 13 | 1 | 0 | 0 | 0 | 198 | 19:00 | 195 | 3 | 1 | 0 | 0 | 0 | 199 |
| 7:15 | 217 | 11 | 4 | 1 | 0 | 2 | 235 | 19:15 | 170 | 6 | 0 | 1 | 0 | 0 | 177 |
| 7:30 | 228 | 21 | 1 | 3 | 0 | 1 | 254 | 19:30 | 159 | 6 | 1 | 1 | 0 | 1 | 168 |
| 7:45 | 282 | 16 | 0 | 1 | 0 | 1 | 300 | 19:45 | 155 | 3 | 0 | 0 | 0 | 0 | 158 |
| 8:00 | 256 | 18 | 4 | 4 | 0 | 0 | 282 | 20:00 | 148 | 1 | 0 | 0 | 0 | 0 | 149 |
| 8:15 | 298 | 17 | 1 | 5 | 0 | 1 | 322 | 20:15 | 131 | 1 | 0 | 0 | 0 | 0 | 132 |
| 8:30 | 189 | 12 | 1 | 3 | 0 | 1 | 206 | 20:30 | 105 | 1 | 0 | 0 | 0 | 0 | 106 |
| 8:45 | 223 | 12 | 0 | 3 | 0 | 3 | 241 | 20:45 | 110 | 0 | 0 | 0 | 0 | 0 | 110 |
| 9:00 | 205 | 16 | 0 | 2 | 0 | 1 | 224 | 21:00 | 123 | 1 | 0 | 0 | 0 | 0 | 124 |
| 9:15 | 199 | 17 | 1 | 2 | 0 | 2 | 221 | 21:15 | 101 | 0 | 0 | 0 | 0 | 0 | 101 |
| 9:30 | 168 | 10 | 2 | 4 | 1 | 2 | 187 | 21:30 | 97 | 0 | 0 | 1 | 1 | 0 | 99 |
| 9:45 | 183 | 15 | 0 | 1 | 0 | 0 | 199 | 21:45 | 73 | 1 | 0 | 0 | 0 | 0 | 74 |
| 10:00 | 157 | 12 | 1 | 2 | 0 | 1 | 173 | 22:00 | 83 | 0 | 0 | 0 | 0 | 0 | 83 |
| 10:15 | 158 | 15 | 3 | 1 | 0 | 0 | 177 | 22:15 | 85 | 0 | 0 | 0 | 0 | 0 | 85 |
| 10:30 | 180 | 19 | 1 | 0 | 0 | 1 | 201 | 22:30 | 57 | 1 | 0 | 0 | 0 | 0 | 58 |
| 10:45 | 182 | 19 | 4 | 4 | 0 | 1 | 210 | 22:45 | 63 | 0 | 0 | 0 | 0 | 0 | 63 |
| 11:00 | 161 | 7 | 2 | 3 | 0 | 0 | 173 | 23:00 | 21 | 0 | 0 | 0 | 0 | 0 | 21 |
| 11:15 | 182 | 10 | 3 | 6 | 0 | 0 | 201 | 23:15 | 32 | 0 | 0 | 0 | 0 | 0 | 32 |
| 11:30 | 197 | 15 | 3 | 3 | 1 | 2 | 221 | 23:30 | 43 | 1 | 0 | 0 | 0 | 0 | 44 |
| 11:45 | 208 | 13 | 0 | 0 | 0 | 0 | 221 | 23:45 | 23 | 0 | 0 | 0 | 0 | 0 | 23 |
| TOTAL | 5,224 | 345 | 37 | 64 | 2 | 21 | 5,693 | TOTAL | 9,434 | 377 | 32 | 47 | 3 | 28 | 9,921 |

| | | | |
|---|---|---|---|
| AM PEAK HOUR | 7:30 AM | PM PEAK HOUR | 3:15 PM |
| AM PEAK VOLUME | 1,158 | AM PEAK VOLUME | 1,397 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 14,658 | 722 | 69 | 111 | 5 | 49 | 15,614 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 93.9% | 4.6% | 0.4% | 0.7% | 0.0% | 0.3% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | TOTAL: ALL | 30,258 | 1,653 | 144 | 221 | 13 | 92 | 32,381 |
| CLASS 6 | Buses | % OF TOTAL | 93.4% | 5.1% | 0.4% | 0.7% | 0.0% | 0.3% | 100.0% |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023
JOB #: SC3984

CITY: Santee
LOCATION: ADT5 Magnolia south of Woodside

| AM | SB | | | | | | |
|---|---|---|---|---|---|---|---|
| TIME | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 0:00 | 24 | 0 | 0 | 1 | 0 | 0 | 25 |
| 0:15 | 9 | 0 | 1 | 0 | 0 | 0 | 10 |
| 0:30 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| 0:45 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 1:00 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 1:15 | 9 | 2 | 0 | 0 | 0 | 0 | 11 |
| 1:30 | 12 | 0 | 0 | 0 | 0 | 0 | 12 |
| 1:45 | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| 2:00 | 14 | 1 | 0 | 0 | 0 | 0 | 15 |
| 2:15 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 2:30 | 10 | 1 | 0 | 0 | 0 | 0 | 11 |
| 2:45 | 8 | 0 | 0 | 0 | 0 | 0 | 8 |
| 3:00 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| 3:15 | 11 | 1 | 0 | 1 | 0 | 0 | 13 |
| 3:30 | 13 | 3 | 0 | 0 | 0 | 0 | 16 |
| 3:45 | 18 | 1 | 0 | 0 | 0 | 0 | 19 |
| 4:00 | 29 | 1 | 0 | 0 | 0 | 0 | 30 |
| 4:15 | 25 | 4 | 1 | 1 | 0 | 0 | 31 |
| 4:30 | 57 | 0 | 0 | 0 | 0 | 0 | 57 |
| 4:45 | 76 | 3 | 0 | 1 | 0 | 0 | 80 |
| 5:00 | 90 | 7 | 2 | 0 | 0 | 0 | 99 |
| 5:15 | 97 | 10 | 0 | 2 | 0 | 0 | 109 |
| 5:30 | 116 | 5 | 0 | 2 | 0 | 0 | 123 |
| 5:45 | 153 | 10 | 1 | 1 | 0 | 0 | 165 |
| 6:00 | 139 | 12 | 0 | 3 | 0 | 0 | 154 |
| 6:15 | 178 | 28 | 0 | 4 | 0 | 1 | 211 |
| 6:30 | 184 | 29 | 1 | 0 | 0 | 0 | 214 |
| 6:45 | 202 | 17 | 2 | 2 | 0 | 1 | 224 |
| 7:00 | 223 | 10 | 2 | 2 | 0 | 0 | 237 |
| 7:15 | 255 | 16 | 2 | 3 | 0 | 2 | 278 |
| 7:30 | 312 | 16 | 2 | 2 | 0 | 0 | 332 |
| 7:45 | 288 | 28 | 1 | 2 | 0 | 0 | 319 |
| 8:00 | 258 | 21 | 0 | 1 | 1 | 2 | 283 |
| 8:15 | 279 | 16 | 2 | 3 | 0 | 0 | 300 |
| 8:30 | 268 | 22 | 2 | 2 | 0 | 1 | 295 |
| 8:45 | 221 | 21 | 0 | 0 | 0 | 2 | 244 |
| 9:00 | 259 | 23 | 1 | 3 | 0 | 0 | 286 |
| 9:15 | 284 | 11 | 3 | 3 | 0 | 0 | 301 |
| 9:30 | 209 | 22 | 1 | 5 | 1 | 2 | 240 |
| 9:45 | 172 | 15 | 0 | 3 | 0 | 0 | 190 |
| 10:00 | 192 | 22 | 1 | 1 | 1 | 0 | 217 |
| 10:15 | 195 | 13 | 2 | 2 | 1 | 1 | 214 |
| 10:30 | 179 | 25 | 0 | 2 | 0 | 2 | 208 |
| 10:45 | 198 | 25 | 1 | 5 | 0 | 0 | 229 |
| 11:00 | 194 | 16 | 0 | 3 | 0 | 2 | 215 |
| 11:15 | 196 | 15 | 2 | 2 | 0 | 0 | 215 |
| 11:30 | 190 | 20 | 5 | 3 | 0 | 0 | 218 |
| 11:45 | 246 | 12 | 4 | 1 | 0 | 2 | 265 |
| TOTAL | 6,145 | 504 | 39 | 66 | 4 | 18 | 6,776 |

| | |
|---|---|
| AM PEAK HOUR | 7:30 AM |
| AM PEAK VOLUME | 1,234 |

| PM | SB | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
| 12:00 | 219 | 14 | 0 | 2 | 1 | 0 | 236 |
| 12:15 | 238 | 28 | 1 | 1 | 0 | 1 | 269 |
| 12:30 | 202 | 17 | 1 | 2 | 1 | 2 | 225 |
| 12:45 | 238 | 21 | 1 | 1 | 0 | 0 | 261 |
| 13:00 | 218 | 19 | 2 | 2 | 0 | 1 | 242 |
| 13:15 | 212 | 15 | 2 | 3 | 0 | 1 | 233 |
| 13:30 | 232 | 14 | 1 | 4 | 0 | 0 | 251 |
| 13:45 | 261 | 9 | 0 | 0 | 0 | 1 | 271 |
| 14:00 | 268 | 26 | 0 | 2 | 0 | 2 | 298 |
| 14:15 | 267 | 21 | 4 | 1 | 0 | 3 | 296 |
| 14:30 | 340 | 18 | 4 | 2 | 1 | 1 | 366 |
| 14:45 | 308 | 16 | 1 | 4 | 1 | 0 | 330 |
| 15:00 | 295 | 15 | 1 | 3 | 0 | 1 | 315 |
| 15:15 | 269 | 13 | 2 | 2 | 0 | 1 | 287 |
| 15:30 | 372 | 16 | 1 | 1 | 0 | 3 | 393 |
| 15:45 | 337 | 18 | 2 | 0 | 0 | 1 | 358 |
| 16:00 | 280 | 18 | 0 | 2 | 0 | 0 | 300 |
| 16:15 | 321 | 15 | 1 | 1 | 0 | 0 | 338 |
| 16:30 | 311 | 11 | 0 | 1 | 0 | 1 | 324 |
| 16:45 | 284 | 5 | 1 | 1 | 0 | 0 | 291 |
| 17:00 | 385 | 11 | 1 | 0 | 0 | 2 | 399 |
| 17:15 | 377 | 11 | 0 | 0 | 0 | 0 | 388 |
| 17:30 | 272 | 10 | 2 | 3 | 0 | 0 | 287 |
| 17:45 | 288 | 7 | 2 | 2 | 0 | 1 | 300 |
| 18:00 | 234 | 5 | 1 | 0 | 0 | 1 | 241 |
| 18:15 | 227 | 3 | 0 | 1 | 0 | 0 | 231 |
| 18:30 | 198 | 7 | 1 | 1 | 0 | 1 | 208 |
| 18:45 | 196 | 5 | 0 | 0 | 0 | 0 | 201 |
| 19:00 | 154 | 5 | 0 | 1 | 0 | 0 | 160 |
| 19:15 | 165 | 3 | 0 | 0 | 0 | 0 | 168 |
| 19:30 | 139 | 6 | 0 | 0 | 0 | 0 | 145 |
| 19:45 | 138 | 2 | 1 | 0 | 0 | 1 | 142 |
| 20:00 | 110 | 0 | 0 | 0 | 0 | 0 | 110 |
| 20:15 | 134 | 2 | 0 | 0 | 0 | 0 | 136 |
| 20:30 | 120 | 5 | 1 | 0 | 0 | 0 | 126 |
| 20:45 | 143 | 3 | 1 | 0 | 0 | 0 | 147 |
| 21:00 | 118 | 2 | 0 | 1 | 0 | 0 | 121 |
| 21:15 | 83 | 2 | 0 | 0 | 0 | 0 | 85 |
| 21:30 | 79 | 2 | 0 | 0 | 0 | 0 | 81 |
| 21:45 | 71 | 5 | 0 | 0 | 0 | 0 | 76 |
| 22:00 | 68 | 0 | 0 | 0 | 0 | 0 | 68 |
| 22:15 | 65 | 0 | 0 | 0 | 0 | 0 | 65 |
| 22:30 | 51 | 1 | 1 | 0 | 0 | 0 | 53 |
| 22:45 | 43 | 1 | 0 | 0 | 0 | 0 | 44 |
| 23:00 | 28 | 0 | 0 | 0 | 0 | 0 | 28 |
| 23:15 | 31 | 0 | 0 | 0 | 0 | 0 | 31 |
| 23:30 | 38 | 0 | 0 | 0 | 0 | 0 | 38 |
| 23:45 | 28 | 0 | 0 | 0 | 0 | 0 | 28 |
| TOTAL | 9,455 | 427 | 36 | 44 | 4 | 25 | 9,991 |

| | |
|---|---|
| AM PEAK HOUR | 4:30 PM |
| AM PEAK VOLUME | 1,402 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TOTAL: AM+PM | | 15,600 | 931 | 75 | 110 | 8 | 43 | 16,767 |
| % OF TOTAL | | 93.0% | 5.6% | 0.4% | 0.7% | 0.0% | 0.3% | 100.0% |

| | |
|---|---|
| CLASS 1 | PASSENGER VEHICLES |
| CLASS 2 | 2-AXLE TRUCKS |
| CLASS 3 | 3-AXLE TRUCKS |
| CLASS 4 | 4 OR MORE AXLE TRUCKS |
| CLASS 5 | RV |
| CLASS 6 | BUS |

A16123

# 24-HOUR ROADWAY SEGMENT COUNTS (WITH CLASSIFICATION)

Prepared by AimTD LLC tel. 714 253 7888 cs@aimtd.com

DATE: Tuesday, May 02, 2023 CITY: Santee

JOB #: SC3984 LOCATION: ADT5 Magnolia south of Woodside

| AM TIME | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL | PM Time | COMBINED 1 | 2 | 3 | 4 | 5 | 6 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0:00 | 43 | 0 | 0 | 1 | 0 | 0 | 44 | 12:00 | 424 | 28 | 2 | 4 | 1 | 1 | 460 |
| 0:15 | 25 | 0 | 1 | 0 | 0 | 0 | 26 | 12:15 | 440 | 44 | 4 | 5 | 1 | 2 | 496 |
| 0:30 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 12:30 | 410 | 28 | 3 | 3 | 1 | 3 | 448 |
| 0:45 | 23 | 0 | 0 | 0 | 0 | 0 | 23 | 12:45 | 435 | 32 | 1 | 1 | 1 | 0 | 470 |
| 1:00 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 13:00 | 428 | 35 | 3 | 2 | 0 | 3 | 471 |
| 1:15 | 21 | 2 | 0 | 0 | 0 | 0 | 23 | 13:15 | 447 | 35 | 3 | 4 | 0 | 2 | 491 |
| 1:30 | 21 | 0 | 0 | 0 | 0 | 0 | 21 | 13:30 | 436 | 27 | 2 | 5 | 0 | 1 | 471 |
| 1:45 | 17 | 0 | 0 | 0 | 0 | 0 | 17 | 13:45 | 498 | 27 | 1 | 2 | 0 | 3 | 531 |
| 2:00 | 22 | 2 | 0 | 0 | 0 | 0 | 24 | 14:00 | 496 | 43 | 1 | 4 | 0 | 2 | 546 |
| 2:15 | 17 | 0 | 0 | 0 | 0 | 0 | 17 | 14:15 | 531 | 36 | 6 | 3 | 0 | 5 | 581 |
| 2:30 | 19 | 1 | 0 | 1 | 0 | 0 | 21 | 14:30 | 583 | 39 | 5 | 3 | 1 | 3 | 634 |
| 2:45 | 19 | 0 | 0 | 0 | 0 | 0 | 19 | 14:45 | 584 | 40 | 2 | 6 | 1 | 0 | 633 |
| 3:00 | 14 | 0 | 0 | 0 | 0 | 0 | 14 | 15:00 | 592 | 29 | 3 | 7 | 0 | 2 | 633 |
| 3:15 | 19 | 1 | 0 | 1 | 0 | 0 | 21 | 15:15 | 586 | 33 | 5 | 6 | 0 | 4 | 634 |
| 3:30 | 21 | 4 | 0 | 0 | 0 | 0 | 25 | 15:30 | 732 | 28 | 1 | 2 | 0 | 4 | 767 |
| 3:45 | 29 | 2 | 0 | 0 | 0 | 0 | 31 | 15:45 | 649 | 31 | 3 | 2 | 0 | 1 | 686 |
| 4:00 | 43 | 1 | 0 | 1 | 0 | 0 | 45 | 16:00 | 608 | 35 | 1 | 4 | 0 | 0 | 648 |
| 4:15 | 45 | 4 | 1 | 4 | 0 | 0 | 54 | 16:15 | 642 | 27 | 1 | 4 | 0 | 2 | 676 |
| 4:30 | 86 | 1 | 0 | 1 | 0 | 0 | 88 | 16:30 | 648 | 21 | 4 | 1 | 0 | 1 | 675 |
| 4:45 | 139 | 7 | 0 | 1 | 0 | 0 | 147 | 16:45 | 628 | 12 | 2 | 2 | 0 | 3 | 647 |
| 5:00 | 141 | 10 | 2 | 1 | 0 | 0 | 154 | 17:00 | 702 | 16 | 2 | 1 | 0 | 2 | 723 |
| 5:15 | 179 | 14 | 0 | 3 | 0 | 0 | 196 | 17:15 | 715 | 21 | 0 | 2 | 0 | 0 | 738 |
| 5:30 | 212 | 8 | 0 | 5 | 0 | 0 | 225 | 17:30 | 552 | 14 | 2 | 5 | 0 | 1 | 574 |
| 5:45 | 288 | 11 | 2 | 2 | 0 | 0 | 303 | 17:45 | 571 | 20 | 3 | 4 | 0 | 2 | 600 |
| 6:00 | 222 | 20 | 0 | 5 | 0 | 1 | 248 | 18:00 | 494 | 10 | 1 | 1 | 0 | 1 | 507 |
| 6:15 | 280 | 35 | 1 | 4 | 0 | 1 | 321 | 18:15 | 452 | 9 | 0 | 1 | 0 | 2 | 464 |
| 6:30 | 307 | 38 | 1 | 1 | 0 | 0 | 347 | 18:30 | 442 | 11 | 1 | 1 | 0 | 1 | 456 |
| 6:45 | 398 | 31 | 5 | 3 | 0 | 2 | 439 | 18:45 | 384 | 9 | 0 | 1 | 0 | 0 | 394 |
| 7:00 | 407 | 23 | 3 | 2 | 0 | 0 | 435 | 19:00 | 349 | 8 | 1 | 1 | 0 | 0 | 359 |
| 7:15 | 472 | 27 | 6 | 4 | 0 | 4 | 513 | 19:15 | 335 | 9 | 0 | 1 | 0 | 0 | 345 |
| 7:30 | 540 | 37 | 3 | 5 | 0 | 1 | 586 | 19:30 | 298 | 12 | 1 | 1 | 0 | 1 | 313 |
| 7:45 | 570 | 44 | 1 | 3 | 0 | 1 | 619 | 19:45 | 293 | 5 | 1 | 0 | 0 | 1 | 300 |
| 8:00 | 514 | 39 | 4 | 5 | 1 | 2 | 565 | 20:00 | 258 | 1 | 0 | 0 | 0 | 0 | 259 |
| 8:15 | 577 | 33 | 3 | 8 | 0 | 1 | 622 | 20:15 | 265 | 3 | 0 | 0 | 0 | 0 | 268 |
| 8:30 | 457 | 34 | 3 | 5 | 0 | 2 | 501 | 20:30 | 225 | 6 | 1 | 0 | 0 | 0 | 232 |
| 8:45 | 444 | 33 | 0 | 3 | 0 | 5 | 485 | 20:45 | 253 | 3 | 1 | 0 | 0 | 0 | 257 |
| 9:00 | 464 | 39 | 1 | 5 | 0 | 1 | 510 | 21:00 | 241 | 3 | 0 | 1 | 0 | 0 | 245 |
| 9:15 | 483 | 28 | 4 | 5 | 0 | 2 | 522 | 21:15 | 184 | 2 | 0 | 0 | 0 | 0 | 186 |
| 9:30 | 377 | 32 | 3 | 9 | 2 | 4 | 427 | 21:30 | 176 | 2 | 0 | 1 | 1 | 0 | 180 |
| 9:45 | 355 | 30 | 0 | 4 | 0 | 0 | 389 | 21:45 | 144 | 6 | 0 | 0 | 0 | 0 | 150 |
| 10:00 | 349 | 34 | 2 | 3 | 1 | 1 | 390 | 22:00 | 151 | 0 | 0 | 0 | 0 | 0 | 151 |
| 10:15 | 353 | 28 | 5 | 3 | 1 | 1 | 391 | 22:15 | 150 | 0 | 0 | 0 | 0 | 0 | 150 |
| 10:30 | 359 | 44 | 1 | 2 | 0 | 3 | 409 | 22:30 | 108 | 2 | 1 | 0 | 0 | 0 | 111 |
| 10:45 | 380 | 44 | 5 | 9 | 0 | 1 | 439 | 22:45 | 106 | 1 | 0 | 0 | 0 | 0 | 107 |
| 11:00 | 355 | 23 | 2 | 6 | 0 | 2 | 388 | 23:00 | 49 | 0 | 0 | 0 | 0 | 0 | 49 |
| 11:15 | 378 | 25 | 5 | 8 | 0 | 0 | 416 | 23:15 | 63 | 0 | 0 | 0 | 0 | 0 | 63 |
| 11:30 | 387 | 35 | 8 | 6 | 1 | 2 | 439 | 23:30 | 81 | 1 | 0 | 0 | 0 | 0 | 82 |
| 11:45 | 454 | 25 | 4 | 1 | 0 | 2 | 486 | 23:45 | 51 | 0 | 0 | 0 | 0 | 0 | 51 |
| TOTAL | 11,369 | 849 | 76 | 130 | 6 | 39 | 12,469 | TOTAL | 18,889 | 804 | 68 | 91 | 7 | 53 | 19,912 |

| | |
|---|---|
| AM PEAK HOUR | 7:30 AM |
| AM PEAK VOLUME | 2,392 |

| | |
|---|---|
| AM PEAK HOUR | 4:30 PM |
| AM PEAK VOLUME | 2,783 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CLASS 1 | PASSENGER VEHICLES | TOTAL: AM+PM | 30,258 | 1,653 | 144 | 221 | 13 | 92 | 32,381 |
| CLASS 2 | 2-AXLE TRUCKS | % OF TOTAL | 93.4% | 5.1% | 0.4% | 0.7% | 0.0% | 0.3% | 100.0% |
| CLASS 3 | 3-AXLE TRUCKS | | | | | | | | |
| CLASS 4 | 4 OR MORE AXLE TRUCKS | | | | | | | | |
| CLASS 5 | RV | | | | | | | | |
| CLASS 6 | Buses | | | | | | | | |

# Appendix D
Signal Timing Sheets

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# 2070 Controller TSCP Timing Chart



**Location:** RTE 52 EB @ Magnolia
**System:**
**District:** 11
**Master At:** 67 SB (52 WB ) @ Magnolia
**I/C:** 52 WB On

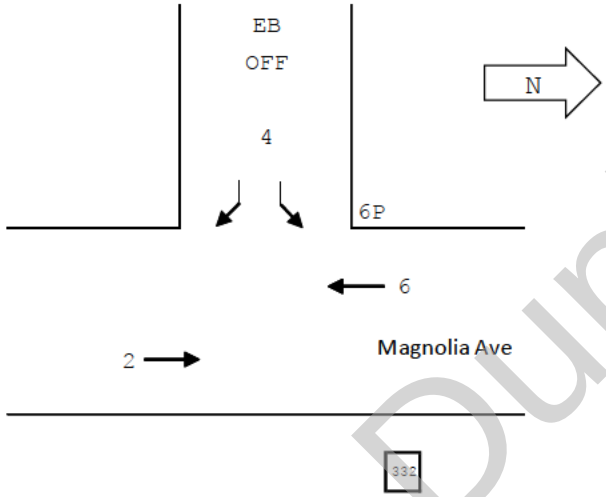
**Designed By:**
**Installed By:**
**Service Info:**

| Timing Change: | Date Start: | Date End: | Designed: | Installed: |
|---|---|---|---|---|
| | | | | 4/20/2022 |

| | | | FLASH |
|---|---|---|---|
| PHASE | 1) | | [ ] |
| | 2) | NB Magnolia | [ ] |
| | 3) | | [ ] |
| | 4) | Off Ramp | [ ] |
| | 5) | | [ ] |
| | 6) | SB Magnolia | [ ] |
| | 7) | | [ ] |
| | 8) | | [ ] |
| OVERLAP | A) | | [ ] |
| | B) | | [ ] |
| | C) | | [ ] |
| | D) | | [ ] |
| | E) | | [ ] |
| | F) | | [ ] |

## Intersection Layout

**LOCATION:** RTE 52 EB @ MAGNOLIA AVENUE




**Comments and Notes:**

| PHASES | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| PED XING FT | | | | | | 50 | | |
| BIKE XING FT | | 70 | | | | 65 | | |

Do not Duplicate

Post Mile: RTE 52 P17.766 - 52 EB @ Magnolia

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# CONFIGURATION PHASE FLAGS

| Cabinet ( 9-3 ) |
|---|
| 332 |
| Configuration |
| CALTRANS |

| Phases ( 2-1-1-1 ) | |
|---|---|
| Permitted | . 2 . 4 . 6 . . |
| Restricted | . . . . . |

| Phase Recalls ( 2-1-1-2 ) | |
|---|---|
| Vehicle Min | . 2 . . . 6 . . |
| Vehicle Max | . . . . . |
| Pedestrian | . . . . . |
| Bicycle | . . . . . |

| Phase Locks ( 2-1-1-3 ) | |
|---|---|
| Red | . . . . . |
| Yellow | . . . . . |
| Force/Max | . . . . . |

| Phase Features ( 2-1-1-4 ) | |
|---|---|
| Double Entry | . . . . . |
| Rest In Walk | . . . . . |
| Rest In Red | . . . . . |
| Walk 2 | . . . . . |
| Max Green 2 | . . . . . |
| Max Green 3 | . . . . . |

| Startup ( 2-1-1-5 ) | |
|---|---|
| First Green Phases | . 2 . . . 6 . . |
| Yellow Start Phases | . . . . . |
| Vehicle Calls | . 2 . 4 . 6 . . |
| Pedestrian Calls | . . . . . 6 . . |
| Yellow Start Overlaps | . . . . . |
| Startup All-Red | 6.0 |

| Call To Phase ( 2-1-2-1 ) | | Omit On Green | |
|---|---|---|---|
| 1 | . . . . . | 1 | . . . . . |
| 2 | . . . . . | 2 | . . . . . |
| 3 | . . . . . | 3 | . . . . . |
| 4 | . . . . . | 4 | . . . . . |
| 5 | . . . . . | 5 | . . . . . |
| 6 | . . . . . | 6 | . . . . . |
| 7 | . . . . . | 7 | . . . . . |
| 8 | . . . . . | 8 | . . . . . |

| Flashing Colors ( 2-1-2-2 ) | |
|---|---|
| Yellow Flash Phases | . . . . . |
| Yellow Flash Overlap | . . . . . |
| Flash In Red Phases | . . . . . |
| Flash In Red Overlaps | . . . . . |

| Special Operation ( 2-1-2-3 ) | |
|---|---|
| Single Exit Phase | . . . . . |
| Driveway Signal Phases | . . . . . |
| Driveway Signal Overlaps | . . . . . |
| Leading Ped Phases | . . . . . 6 . . |

| Protected Permissive ( 2-1-2-4 ) | |
|---|---|
| Protected Permissive | . . . . . |

| Pedestrian ( 2-1-3 ) | |
|---|---|
| P1 | . . . . . |
| P2 | . . . . . |
| P3 | . . . . . |
| P4 | . . . . . |
| P5 | . . . . . |
| P6 | . . . . . 6 . . |
| P7 | . . . . . |
| P8 | . . . . . |

| Overlap ( 2-1-4 ) | | | | |
|---|---|---|---|---|
| Overlap | Parent | Omit | No Start | Not |
| A | . . . . . | . . . . . | . . . . . | . . . . . |
| B | . . . . . | . . . . . | . . . . . | . . . . . |
| C | . . . . . | . . . . . | . . . . . | . . . . . |
| D | . . . . . | . . . . . | . . . . . | . . . . . |
| E | . . . . . | . . . . . | . . . . . | . . . . . |
| F | . . . . . | . . . . . | . . . . . | . . . . . |

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## PHASE TIMING

| Phase ( 2-2 ) | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|
| --- Walk 1 --- | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 10 |
| Flash Don't Walk | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 10 |
| Minimum Green | 10 | 5 | 10 | 5 | 10 | 5 | 10 | 10 |
| Det Limit | 10 | 0 | 10 | 0 | 10 | 0 | 10 | 10 |
| Max Initial | 10 | 0 | 10 | 0 | 10 | 0 | 10 | 10 |
| Max Green 1 | 50 | 30 | 50 | 25 | 50 | 30 | 50 | 50 |
| Max Green 2 | 50 | 0 | 50 | 0 | 50 | 0 | 50 | 50 |
| Max Green 3 | 50 | 0 | 50 | 0 | 50 | 0 | 50 | 50 |
| Extension | 5.0 | 3.0 | 5.0 | 3.0 | 5.0 | 3.0 | 5.0 | 5.0 |
| Maximum Gap | 5.0 | 3.0 | 5.0 | 3.0 | 5.0 | 3.0 | 5.0 | 5.0 |
| Minimum Gap | 5.0 | 3.0 | 5.0 | 3.0 | 5.0 | 3.0 | 5.0 | 5.0 |
| Add Per Vehicle | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 |
| Reduce Gap By | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Reduce Every | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Yellow | 5.0 | 4.4 | 5.0 | 4.1 | 5.0 | 4.4 | 5.0 | 5.0 |
| All-Red | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 |

| Ped/Bike (2-3 ) | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|
| --- Walk 2 --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Delay/Early Walk | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| Solid Don't Walk | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bike Green | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bike All-Red | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

### OVERLAP TIMING

| Overlap ( 2-4 ) | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| Green | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Yellow | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Red | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

### Red Revert

| Red Revert ( 2-5 ) | |
|---|---|
| Time | 5.0 |
| All-Red Sec/Min ( 2-6 ) | |
| All-Red Sec/Min: | OFF |

### Max 2 Extension

| Max/Gap Out ( 2-7 ) | |
|---|---|
| Max Cnt | 0 |
| Gap Cnt | 0 |

Do not Duplicate

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## Local Plan 1...9 (7-1) TIMING DATA

### COORDINATION

[ Offsets ] Green Factors or Press [F] to Select Force-Off

| | | Cycle | Multi | Lag Gap | A | B | C | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 1 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 2 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 3 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 4 | Green Factor | 55 | | ..... | 44 | 44 | 44 | | 24 | | 17 | | 24 | | |
| Plan 5 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 6 | Green Factor | 60 | | ..... | 36 | 36 | 36 | | 23 | | 23 | | 23 | | |
| Plan 7 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 8 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 9 | Green Factor | | | ..... | | | | | | | | | | | |

## Local Plan 1...9 (7-1) PHASE FLAGS

| | Lag | Sync | Hold | Omit | Veh Min | Veh Max | Ped | Bike |
|---|---|---|---|---|---|---|---|---|
| Plan 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 4 | .2.4.6.8 | .2...6.. | ..... | ..... | ...4.... | ..... | ..... | ..... |
| Plan 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 6 | .2.4.6.8 | .2...6.. | ..... | ..... | ...4.... | ..... | ..... | ..... |
| Plan 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

| Master Timer Sync ( 7-A ) | |
|---|---|
| Enable in Plans | |
| 1-9 | ..... |
| 11-19 | ..... |
| 21-29 | ..... |

| Master Sub Master | |
|---|---|
| Input | |
| Output | |

### FREE PLAN PHASE FLAGS

| ( 7-E ) Free | |
|---|---|
| Lag | Omit |
| .2.4.6.8 | ..... |
| Veh Min | Veh Max |
| .2...6.. | ..... |
| Ped | Bike |
| ..... | ..... |
| Cond | Cond Grn |
| ..... | 10 |

### MANUAL COMMANDS

| Manual Plan (4-1) | | *Plan: 1-29* |
|---|---|---|
| Plan | OffSet | *254 = Flash* |
| | A | *255 = Free* |
| | | *Offset A, B, or C* |

| Special Function Override (4-2) | | | |
|---|---|---|---|
| # | Control | # | Control |
| 1 | NORMAL | 3 | NORMAL |
| 2 | NORMAL | 4 | NORMAL |

| | |
|---|---|
| Detector Reset | (4-3) |
| Local Manual (4-4) | OFF |

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## Local Plan 11...19 (7-2) TIMING DATA

## COORDINATION

[ Offsets ] Green Factors or Press [F] to Select Force-Off

| | | Cycle | Multi | Lag Gap | A | B | C | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 11 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 12 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 13 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 14 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 15 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 16 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 17 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 18 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 19 | Green Factor | | | ..... | | | | | | | | | | | |

## Local Plan 11...19 (7-2) PHASE FLAGS

| | Lag | Sync | Hold | Omit | Veh Min | Veh Max | Ped | Bike |
|---|---|---|---|---|---|---|---|---|
| Plan 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 13 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

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## Local Plan 21...29 (7-3) TIMING DATA

## COORDINATION

[ Offsets ] Green Factors or Press [F] to Select Force-Off

| | | Cycle | Multi | Lag Gap | A | B | C | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 21 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 22 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 23 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 24 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 25 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 26 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 27 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 28 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 29 | Green Factor | | | ..... | | | | | | | | | | | |

## Local Plan 21...29 (7-3) PHASE FLAGS

| | Lag | Sync | Hold | Omit | Veh Min | Veh Max | Ped | Bike |
|---|---|---|---|---|---|---|---|---|
| Plan 21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 23 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 25 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 27 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 28 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 29 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

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# TOD SCHEDULE

| Table 1 (8-2-1) | | |
|---|---|---|
| Time | Plan | OS |
| 0645 | 4 | A |
| 0915 | 255 | A |
| 1600 | 6 | A |
| 1830 | 255 | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 2 (8-2-2) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 3 (8-2-3) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 4 (8-2-4) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 5 (8-2-5) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 6 (8-2-6) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

# WEEKDAY ASSIGNMENT

| Weekday Table Assignments (8-2-7) | | | | | | |
|---|---|---|---|---|---|---|
| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| 1 | 1 | 1 | 1 | 1 | 2 | 2 |

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## HOLIDAY TABLES

**Floating Holiday Table (8-2-8)**

| # | Mnth | Week | DOW | Table |
|---|---|---|---|---|
| 1 | | | ..... | |
| 2 | | | ..... | |
| 3 | | | ..... | |
| 4 | | | ..... | |
| 5 | | | ..... | |
| 6 | | | ..... | |
| 7 | | | ..... | |
| 8 | | | ..... | |
| 9 | | | ..... | |
| 10 | | | ..... | |
| 11 | | | ..... | |
| 12 | | | ..... | |
| 13 | | | ..... | |
| 14 | | | ..... | |
| 15 | | | ..... | |
| 16 | | | ..... | |

**Fixed Holiday Table (8-2-9)**

| # | Mnth | Day | DOW | Table |
|---|---|---|---|---|
| 1 | | | ..... | |
| 2 | | | ..... | |
| 3 | | | ..... | |
| 4 | | | ..... | |
| 5 | | | ..... | |
| 6 | | | ..... | |
| 7 | | | ..... | |
| 8 | | | ..... | |
| 9 | | | ..... | |
| 10 | | | ..... | |
| 11 | | | ..... | |
| 12 | | | ..... | |
| 13 | | | ..... | |
| 14 | | | ..... | |
| 15 | | | ..... | |
| 16 | | | ..... | |

**Daylight Saving (8-1)**

| Enabl | YES | Month | Sunday |
|---|---|---|---|
| | Start | MAR | 2nd |
| | End | NOV | 1st |

**Solar Clock Data (8-4)**

| | |
|---|---|
| North Latitude | 34 |
| West Longitude | 118 |
| Local Time Zone | 8 |

**Sabbatical Clock (8-5)**

| Hebrew | Ped Recall |
|---|---|
| Sabbath | ..... |
| Holiday | ..... |

## TOD FUNCTIONS

**TOD Functions (8-3)**

| # | Start | End | DOW | Action | Phases |
|---|---|---|---|---|---|
| 1 | | | ..... | | ..... |
| 2 | | | ..... | | ..... |
| 3 | | | ..... | | ..... |
| 4 | | | ..... | | ..... |
| 5 | | | ..... | | ..... |
| 6 | | | ..... | | ..... |
| 7 | | | ..... | | ..... |
| 8 | | | ..... | | ..... |
| 9 | | | ..... | | ..... |
| 10 | | | ..... | | ..... |
| 11 | | | ..... | | ..... |
| 12 | | | ..... | | ..... |
| 13 | | | ..... | | ..... |
| 14 | | | ..... | | ..... |
| 15 | | | ..... | | ..... |
| 16 | | | ..... | | ..... |

**Action Codes:**

0. None
1. Permitted
2. Restricted
4. Veh Min Recall
5. Veh Max Recall
6. Ped Recall
7. Bike Recall
8. Red Lock
9. Yellow Lock
10. Force/Max Lock
11. Double Entry
12. Y-Coord C
13. Y-Coord D
14. Free
15. Flashing
16. Walk 2
17. Max Green 2
18. Max Green 3
19. Rest in Walk
20. Rest in Red
21. Free Lag Phases
22. Special Functions
23. Truck Preempt
24. Conditional Service
25. Conditional Service
26. Leading Ped
27. Traffic Actuated Max 2
41. Protected Permissive
42. Protected Permissive

Action Code = Phases added to normal setting

100+Action Code = Phases removed

200+Action Code = Phases replaced

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# RAILROAD PREEMPTION

**RR 1**

| ( 3-1-1 ) | Timing | Phase Flags (3-1-2) | | | Pedestrian Flags (3-1-3) | | | Overlap Flags (3-1-4) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Grn Hold | Yel Flash | Red Flash | Walk | Flash DW | Solid DW | Grn Hold | Yel Flash | Red Flash |
| Delay | | | | | | | | | | |
| Clear 1 | 10 | . 2 . . 5 . . . | . . . . . | . . . . . | . . . . . | . . . . . | . 2 . 4 . 6 . 8 | . . . . . | . . . . . | . . . . . |
| Clear 2 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Clear 3 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Hold | | . . . . . | . . . . . | 1 2 3 4 5 6 7 8 | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | A B C D E F |
| Exit | 5 | | | | | | | | | |
| Min Grn | | | | | | | | | | |
| Ped Clr | | | | | | | | | | |

**Exit Parameters (3-1-5)**

| Phase Green | Overlap Green | Vehicle Call | Ped Call |
|---|---|---|---|
| . . . . . | . . . . . | 1 2 3 4 5 6 7 8 | . 2 . 4 . 6 . 8 |

**Configuration (3-1-6)**

| PR 1 | PR 2 | Latching | Power-Up |
|---|---|---|---|
| 2.5 | 0.0 | YES | FLASHING |

**RR 2**

| ( 3-2-1 ) | Timing | Phase Flags (3-2-2) | | | Pedestrian Flags (3-2-3) | | | Overlap Flags (3-2-4) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Grn Hold | Yel Flash | Red Flash | Walk | Flash DW | Solid DW | Grn Hold | Yel Flash | Red Flash |
| Delay | | | | | | | | | | |
| Clear 1 | 10 | . . . 4 . . 7 . | . . . . . | . . . . . | . . . . . | . . . . . | . 2 . 4 . 6 . 8 | . . . . . | . . . . . | . . . . . |
| Clear 2 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Clear 3 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Hold | | 1 2 3 . . 6 . . | . . . . . | . . . . . | . 2 . . . 6 . . | . . . . . | . . . 4 . . . 8 | . . . . . | . . . . . | . . . . . |
| Exit | | | | | | | | | | |
| Min Grn | | | | | | | | | | |
| Ped Clr | | | | | | | | | | |

**Exit Parameters (3-2-5)**

| Phase Green | Overlap Green | Vehicle Call | Ped Call |
|---|---|---|---|
| . . . . . | . . . . . | . . . 4 . . 7 . | . . . . . |

**Configuration (3-2-6)**

| PR 1 | PR 2 | Latching | Power-up |
|---|---|---|---|
| 2.6 | 0.0 | YES | DARK |

# EMERGENCY VEHICLE PREEMPTION

**EVA (3-A)**

| Preempt Timers | | | Phase Green | Overlap Green |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 5 | 255 | . 2 . . 5 . . . | . . . . . |

| Port | Latching | Phase Termination |
|---|---|---|
| 5.5 | NO | ADVANCE |

**EVB (3-B)**

| Preempt Timers | | | Phase Green | Overlap Green |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 5 | 255 | . . . 4 . . 7 . | . . . . . |

| Port | Latching | Phase Termination |
|---|---|---|
| 5.6 | NO | ADVANCE |

**EVC (3-C)**

| Preempt Timers | | | Phase Green | Overlap Green |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 5 | 255 | 1 . . . . 6 . . | . . . . . |

| Port | Latching | Phase Termination |
|---|---|---|
| 5.7 | NO | ADVANCE |

**EVD (3-D)**

| Preempt Timers | | | Phase Green | Overlap Green |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 5 | 255 | . . 3 . . . . 8 | . . . . . |

| Port | Latching | Phase Termination |
|---|---|---|
| 5.8 | NO | ADVANCE |

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## TRANSIT PRIORITY

| Local Plans (3-E) 1...9 11...19 | | Early Green | Green Extend | Inhibit Cycles | Phase 1 Minimum | Phase 2 Minimum | Phase 3 Minimum | Phase 4 Minimum | Phase 5 Minimum | Phase 6 Minimum | Phase 7 Minimum | Phase 8 Minimum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 1 | Green Factor | | | | | | | | | | | |
| Plan 2 | Green Factor | | | | | | | | | | | |
| Plan 3 | Green Factor | | | | | | | | | | | |
| Plan 4 | Green Factor | | | | | | | | | | | |
| Plan 5 | Green Factor | | | | | | | | | | | |
| Plan 6 | Green Factor | | | | | | | | | | | |
| Plan 7 | Green Factor | | | | | | | | | | | |
| Plan 8 | Green Factor | | | | | | | | | | | |
| Plan 9 | Green Factor | | | | | | | | | | | |
| Plan 11 | Green Factor | | | | | | | | | | | |
| Plan 12 | Green Factor | | | | | | | | | | | |
| Plan 13 | Green Factor | | | | | | | | | | | |
| Plan 14 | Green Factor | | | | | | | | | | | |
| Plan 15 | Green Factor | | | | | | | | | | | |
| Plan 16 | Green Factor | | | | | | | | | | | |
| Plan 17 | Green Factor | | | | | | | | | | | |
| Plan 18 | Green Factor | | | | | | | | | | | |
| Plan 19 | Green Factor | | | | | | | | | | | |

| Transit Priority Configuration (3-E-A) | | | | Indicator Output | |
|---|---|---|---|---|---|
| Enable in Plans | | Input | Type | Stop | Go |
| Plan 1-9 | ..... | 0.0 | NONE | 0 | 0 |
| Plan 11-19 | ..... | 0.0 | NONE | 0 | 0 |

| Queue Jump (3-E-B) | |
|---|---|
| Grn Hold | Hold Phase |
| | ..... |
| | ..... |

| Free Plans (3-E-E) | |
|---|---|
| Max Grn Hold | Hold Phase |
| | ..... |



## YELLOW YIELD COORDINATION

| | | | | | Force-Offs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Y-Coord Plans (7-C,D) | Long Grn | No Grn | Offset | Perm | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- | Coord | Lag | Min Recall | Restricted |
| Plan C | | | | | | | | | | | | | .2...6.. | .2.4.6.8 | ..... | ..... |
| Plan D | | | | | | | | | | | | | .2...6.. | .2.4.6.8 | ..... | ..... |

## TRUCK PRIORITY

| Truck Priority (3-F) | Passage | CarryOver | Clearance | Next Priority | Phase Green | Det 2 Port | Det 3 Port | Det 4 Port | Sign Output | Slave Input | Slave Output |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ..... | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0 |

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**Location:** RTE 67 SB (52 WB) @ Magnolia
**System:**
**District:** 11
**Master At:** 67 SB (52 WB) Magnolia
**I/C:** 52 EB Off

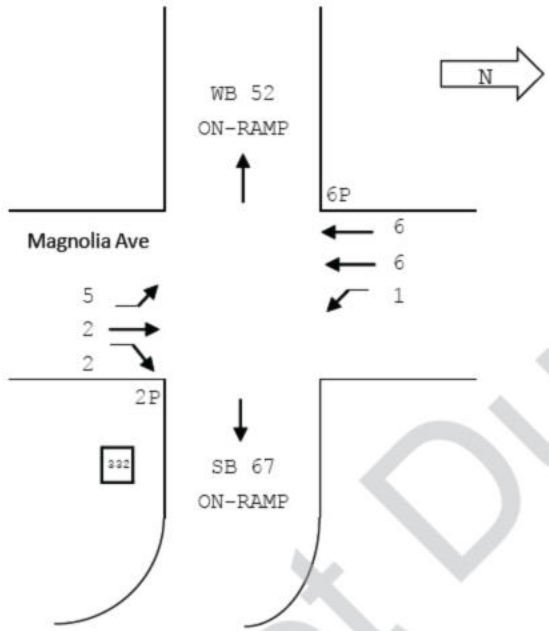
**Designed By:**
**Installed By:**
**Service Info:**

| Timing Change: | Date Start: | Date End: | Designed: | Installed: |
|---|---|---|---|---|
| | | | | 4/20/2022 |

| | | FLASH |
|---|---|---|
| PHASE | 1) SB Magnolia LT | [ ] |
| | 2) NB Magnolia | [ ] |
| | 3) | [ ] |
| | 4) | [ ] |
| | 5) NB Magnolia LT | [ ] |
| | 6) SB Magnolia | [ ] |
| | 7) | [ ] |
| | 8) | [ ] |
| OVERLAP | A) | [ ] |
| | B) | [ ] |
| | C) | [ ] |
| | D) | [ ] |
| | E) | [ ] |
| | F) | [ ] |

## Intersection Layout

**LOCATION:** RTE 67 SB (52 WB) @ MAGNOLIA AVENUE




**Comments and Notes:**

| PHASES | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| PED XING FT | | 89 | | | | 92 | | |
| BIKE XING FT | | 85 | | | | 95 | | |

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Post Mile: RTE 67 P02.091 - 67 SB (52 WB) @ Magnolia

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# CONFIGURATION PHASE FLAGS

| Cabinet ( 9-3 ) |
|---|
| 332 |
| Configuration |
| CALTRANS |

| Phases ( 2-1-1-1 ) | |
|---|---|
| Permitted | 1 2 . . 5 6 . . |
| Restricted | . . . . . |

| Phase Recalls ( 2-1-1-2 ) | |
|---|---|
| Vehicle Min | . 2 . . . 6 . . |
| Vehicle Max | . . . . . |
| Pedestrian | . . . . . |
| Bicycle | . . . . . |

| Phase Locks ( 2-1-1-3 ) | |
|---|---|
| Red | 1 . . . 5 . . . |
| Yellow | . . . . . |
| Force/Max | . . . . . |

| Phase Features ( 2-1-1-4 ) | |
|---|---|
| Double Entry | . . . . . |
| Rest In Walk | . . . . . |
| Rest In Red | . . . . . |
| Walk 2 | . 2 . . . 6 . . |
| Max Green 2 | . . . . . |
| Max Green 3 | . . . . . |

| Startup ( 2-1-1-5 ) | |
|---|---|
| First Green Phases | . 2 . . . 6 . . |
| Yellow Start Phases | . . . . . |
| Vehicle Calls | 1 2 . . 5 6 . . |
| Pedestrian Calls | . 2 . . . 6 . . |
| Yellow Start Overlaps | . . . . . |
| Startup All-Red | 6.0 |

| Call To Phase ( 2-1-2-1 ) | | Omit On Green | |
|---|---|---|---|
| 1 | . . . . . | 1 | . . . . . |
| 2 | . . . . . | 2 | . . . . . |
| 3 | . . . . . | 3 | . . . . . |
| 4 | . . . . . | 4 | . . . . . |
| 5 | . . . . . | 5 | . . . . . |
| 6 | . . . . . | 6 | . . . . . |
| 7 | . . . . . | 7 | . . . . . |
| 8 | . . . . . | 8 | . . . . . |

| Flashing Colors ( 2-1-2-2 ) | |
|---|---|
| Yellow Flash Phases | . . . . . |
| Yellow Flash Overlap | . . . . . |
| Flash In Red Phases | . . . . . |
| Flash In Red Overlaps | . . . . . |

| Special Operation ( 2- 2-3 ) | |
|---|---|
| Single Exit Phase | . . . . . |
| Driveway Sig al P ses | . . . . . |
| Driveway Signal Overlaps | . . . . . |
| Leading P d Phases | . 2 . . . 6 . . |

| Protected Permissive ( 2 2 4 ) | |
|---|---|
| Protected Permissive | . . . . . |

| Pedestrian ( 2-1-3 ) | |
|---|---|
| P1 | . . . . . |
| P2 | . 2 . . . . . |
| P3 | . . . . . |
| P4 | . . . . . |
| P5 | . . . . . |
| P6 | . . . . . 6 . . |
| P7 | . . . . . |
| P8 | . . . . . |

| Overlap ( 2-1-4 ) | | | | |
|---|---|---|---|---|
| Overlap | Parent | Omit | No Start | Not |
| A | . . . . . | . . . . . | . . . . . | . . . . . |
| B | . . . . . | . . . . . | . . . . . | . . . . . |
| C | . . . . . | . . . . . | . . . . . | . . . . . |
| D | . . . . | . . . . . | . . . . . | . . . . . |
| E | . . . . . | . . . . . | . . . . . | . . . . . |
| F | . . . . . | . . . . . | . . . . . | . . . . . |

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## PHASE TIMING

| Phase ( 2-2 ) | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|
| --- Walk 1 --- | 0 | 7 | 0 | 10 | 0 | 7 | 0 | 10 |
| Flash Don't Walk | 0 | 25 | 0 | 10 | 0 | 26 | 0 | 10 |
| Minimum Green | 5 | 6 | 10 | 10 | 5 | 7 | 10 | 10 |
| Det Limit | 0 | 0 | 10 | 10 | 0 | 0 | 10 | 10 |
| Max Initial | 0 | 0 | 10 | 10 | 0 | 0 | 10 | 10 |
| Max Green 1 | 30 | 40 | 50 | 50 | 30 | 40 | 50 | 50 |
| Max Green 2 | 0 | 0 | 50 | 50 | 0 | 0 | 50 | 50 |
| Max Green 3 | 0 | 0 | 50 | 50 | 0 | 0 | 50 | 50 |
| Extension | 2.0 | 3.0 | 5.0 | 5.0 | 2.0 | 3.0 | 5.0 | 5.0 |
| Maximum Gap | 2.0 | 3.0 | 5.0 | 5.0 | 2.0 | 3.0 | 5.0 | 5.0 |
| Minimum Gap | 2.0 | 3.0 | 5.0 | 5.0 | 2.0 | .0 | 5.0 | 5.0 |
| Add Per Vehicle | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| Reduce Gap By | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Reduce Every | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Yellow | 3.7 | 4.4 | 5.0 | 5.0 | 3 7 | 4.4 | 5.0 | 5.0 |
| All-Red | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 |

| Ped/Bike (2-3 ) | -1- | -2- | -3- | -4- | 5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|
| --- Walk 2 --- | 0 | 7 | 0 | 0 | 0 | 7 | 0 | 0 |
| Delay/Early Walk | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 |
| Solid Don't Walk | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bike Green | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bike All-Red | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

### OVERLAP TIMING

| Overlap ( 2-4 ) | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| Green | 0.0 | 0.0 | 0.0 | 0 0 | 0.0 | 0.0 |
| Yellow | 5.0 | 5.0 | 5 0 | 5.0 | 5.0 | 5.0 |
| Red | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

### Red Revert

Red Revert ( 2-5 )
Time 5.0
All-Red Sec/Min ( 2-6 )
All-Red Sec/Min: OFF

### Max 2 Extension

Max/Gap Out ( 2-7 )
Max Cnt 0
Gap Cnt 0

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## Local Plan 1...9 (7-1) TIMING DATA

### COORDINATION

[ Offsets ] Green Factors or Press [F] to Select Force-Off

| | | Cycle | Multi | Lag Gap | A | B | C | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 1 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 2 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 3 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 4 | Green Factor | 55 | | ..... | 50 | 50 | 50 | 18 | 24 | | | 13 | 29 | | |
| Plan 5 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 6 | Green Factor | 60 | | ..... | 44 | 44 | 44 | 18 | 29 | | | 9 | 38 | | |
| Plan 7 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 8 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 9 | Green Factor | | | ..... | | | | | | | | | | | |

| Master Timer Sync ( 7-A ) | |
|---|---|
| Enable in Plans | |
| 1-9 | ..... |
| 11-19 | ..... |
| 21-29 | ..... |

| Master Sub Master | |
|---|---|
| Input | |
| Output | |

### FREE PLAN PHASE FLAGS

| ( 7 E ) F ee | |
|---|---|
| Lag | Omit |
| 2 . 4 . 6 . 8 | ..... |
| Veh Min | Veh Max |
| . 2 . . . 6 . . | ..... |
| Ped | Bike |
| ..... | ..... |
| Cond | Cond Grn |
| ..... | 10 |

## Local Plan 1...9 (7-1) PHASE FLAGS

| | Lag | Sync | Hold | Omit | Veh Min | Veh Max | Ped | Bike |
|---|---|---|---|---|---|---|---|---|
| Plan 1 | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 2 | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 3 | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 4 | . 2 . 4 . 6 . 8 | . 2 . . . 6 . . | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 5 | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 6 | . 2 . 4 . 6 . 8 | . 2 . . . 6 . . | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 7 | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 8 | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... |
| Plan 9 | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... |

### MANUAL COMMANDS

| Manual Plan (4-1) | | *Plan: 1-29* |
|---|---|---|
| Plan | OffSet | *254 = Flash* |
| | A | *255 = Free* |
| | | *Offset A, B, or C* |

| Special Function Override (4-2) | | | |
|---|---|---|---|
| # | Control | # | Control |
| 1 | NORMAL | 3 | NORMAL |
| 2 | NORMAL | 4 | NORMAL |

| | |
|---|---|
| Detector Reset | (4-3) |
| Local Manual (4-4) | OFF |

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## Local Plan 11...19 (7-2) TIMING DATA COORDINATION

| | Cycle | Multi | Lag Gap | [ Offsets ] A | B | C | Green Factors or Press [F] to Select Force-Off -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 11 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 12 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 13 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 14 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 15 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 16 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 17 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 18 Green Factor | | | ..... | | | | | | | | | | | |
| Plan 19 Green Factor | | | ..... | | | | | | | | | | | |

## Local Plan 11...19 (7-2) PHASE FLAGS

| | Lag | Sync | Hold | Omit | Veh Min | Veh Max | Ped | Bike |
|---|---|---|---|---|---|---|---|---|
| Plan 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 13 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

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## Local Plan 21...29 (7-3) TIMING DATA

## COORDINATION

[ Offsets ] Green Factors or Press [F] to Select Force-Off

| | | Cycle | Multi | Lag Gap | A | B | C | -1- | -2- | -3- | -4- | -5- | -6- | -7- | -8- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 21 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 22 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 23 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 24 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 25 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 26 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 27 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 28 | Green Factor | | | ..... | | | | | | | | | | | |
| Plan 29 | Green Factor | | | ..... | | | | | | | | | | | |

## Local Plan 21...29 (7-3) PHASE FLAGS

| | Lag | Sync | Hold | Omit | Veh Min | Veh Max | Ped | Bike |
|---|---|---|---|---|---|---|---|---|
| Plan 21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 23 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 25 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 27 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 28 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Plan 29 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

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# TOD SCHEDULE

| Table 1 (8-2-1) | | |
|---|---|---|
| Time | Plan | OS |
| 0645 | 4 | A |
| 0915 | 255 | A |
| 1600 | 6 | A |
| 1830 | 255 | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 2 (8-2-2) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 3 (8-2-3) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 4 (8-2-4) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 5 (8-2-5) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

| Table 6 (8-2-6) | | |
|---|---|---|
| Time | Plan | OS |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |
| | | A |

# WEEKDAY ASSIGNMENT

| Weekday Table Assignments (8-2-7) | | | | | | |
|---|---|---|---|---|---|---|
| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| 1 | 1 | 1 | 1 | 1 | 2 | 2 |

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## HOLIDAY TABLES

**Floating Holiday Table (8-2-8)**

| # | Mnth | Week | DOW | Table |
|---|---|---|---|---|
| 1 | | | ..... | |
| 2 | | | ..... | |
| 3 | | | ..... | |
| 4 | | | ..... | |
| 5 | | | ..... | |
| 6 | | | ..... | |
| 7 | | | ..... | |
| 8 | | | ..... | |
| 9 | | | ..... | |
| 10 | | | ..... | |
| 11 | | | ..... | |
| 12 | | | ..... | |
| 13 | | | ..... | |
| 14 | | | ..... | |
| 15 | | | ..... | |
| 16 | | | ..... | |

**Fixed Holiday Table (8-2-9)**

| # | Mnth | Day | DOW | Table |
|---|---|---|---|---|
| 1 | | | ..... | |
| 2 | | | ..... | |
| 3 | | | ..... | |
| 4 | | | ..... | |
| 5 | | | ..... | |
| 6 | | | ..... | |
| 7 | | | ..... | |
| 8 | | | ..... | |
| 9 | | | ..... | |
| 10 | | | ..... | |
| 11 | | | ..... | |
| 12 | | | ..... | |
| 13 | | | ..... | |
| 14 | | | ..... | |
| 15 | | | ..... | |
| 16 | | | ..... | |

**Daylight Saving (8-1)**

| Enabl | YES | Month | Sunday |
|---|---|---|---|
| | Start | MAR | 2nd |
| | End | NOV | 1st |

**Solar Clock Data (8-4)**

| | |
|---|---|
| North Latitude | 34 |
| West Longitude | 118 |
| Local Time Zone | 8 |

**Sabbatical Clock (8-5)**

| Hebrew | Ped Recall |
|---|---|
| Sabbath | ..... |
| Holiday | .... ... |

## TOD FUNCTIONS

**TOD Functions (8-3)**

| # | Start | End | DOW | Action | Phases |
|---|---|---|---|---|---|
| 1 | | | ..... | | ..... |
| 2 | | | ..... | | ..... |
| 3 | | | ..... | | ..... |
| 4 | | | ..... | | ..... |
| 5 | | | ..... | | ..... |
| 6 | | | ..... | | ..... |
| 7 | | | ..... | | ..... |
| 8 | | | ..... | | ..... |
| 9 | | | ..... | | ..... |
| 10 | | | ..... | | ..... |
| 11 | | | ..... | | ..... |
| 12 | | | ..... | | ..... |
| 13 | | | ..... | | ..... |
| 14 | | | ..... | | ..... |
| 15 | | | ..... | | ..... |
| 16 | | | ..... | | ..... |

**Action Codes:**

0. None
1. Permit ed
2. Restr cted
4. Veh Min Recall
5 Veh Max R all
6 Ped Recall
7 Bik Recall
8. Red Lock
9. Yellow Lock
10. Force/Max Lock
11.Double Entry
12. Y-Coord C
13. Y-Coord D
14. Free
15. Flashing
16. Walk 2
17. Max Green 2
18. Max Green 3
19. Rest in Walk
20. Rest in Red
21. Free Lag Phases
22. Special Functions
23. Truck Preempt
24. Conditional Service
25. Conditional Service
26. Leading Ped
27. Traffic Actuated Max 2
41. Protected Permissive
42. Protected Permissive

Action Code = Phases added to normal setting

100+Action Code = Phases removed

200+Action Code = Phases replaced

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# RAILROAD PREEMPTION

**RR 1**

| ( 3-1-1 ) | Timing | Phase Flags (3-1-2) | | | Pedestrian Flags (3-1-3) | | | Overlap Flags (3-1-4) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Delay | | Grn Hold | Yel Flash | Red Flash | Walk | Flash DW | Solid DW | Grn Hold | Yel Flash | Red Flash |
| Clear 1 | 10 | . 2 . . 5 . . . | . . . . . | . . . . . | . . . . . | . . . . . | . 2 . 4 . 6 . 8 | . . . . . | . . . . . | . . . . . |
| Clear 2 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Clear 3 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Hold | | . . . . . | . . . . . | 1 2 3 4 5 6 7 8 | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | A B C D E F |
| Exit | 5 | | | | | | | | | |
| Min Grn | | | | | | | | | | |
| Ped Clr | | | | | | | | | | |

| Exit Parameters (3-1-5) | | | |
|---|---|---|---|
| Phase Green | Overlap Green | Vehicle Call | Ped Call |
| . . . . . | . . . . . | 1 2 3 4 5 6 7 8 | . 2 . 4 . 6 . 8 |

| Configuration (3-1-6) | | | |
|---|---|---|---|
| PR 1 | PR 2 | Latch ng | Power-Up |
| 2.5 | 0.0 | YE | FLASHING |

**RR 2**

| ( 3-2-1 ) | Timing | Phase Flags (3-2-2) | | | Pedestrian Flags (3-2-3) | | | Ove lap Flags (3-2-4) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Delay | | Grn Hold | Yel Flash | Red Flash | Walk | Flash DW | Solid DW | Grn Hold | Yel Flash | Red Flash |
| Clear 1 | 10 | . . . 4 . . 7 . | . . . . . | . . . . . | . . . . . | . . . . . | . 2 . 4 . 6 . 8 | . . . . . | . . . . . | . . . . . |
| Clear 2 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Clear 3 | | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . | . . . . . |
| Hold | | 1 2 3 . . 6 . . | . . . . . | . . . . . | . 2 . . . 6 . . | . . . . . | . . . 4 . . 8 | . . . . . | . . . . . | . . . . . |
| Exit | | | | | | | | | | |
| Min Grn | | | | | | | | | | |
| Ped Clr | | | | | | | | | | |

| Exit Parameters (3-2-5) | | | |
|---|---|---|---|
| Phase Green | Overlap Green | Vehicle Call | Ped Call |
| . . . . . | . . . . . | . . . 4 . . 7 . | . . . . . |

| Configurat on (3 2-6) | | | |
|---|---|---|---|
| PR | PR 2 | Latching | Power-up |
| 2.6 | 0.0 | YES | DARK |

# EMERGENCY VEHICLE PREEMPTION

**EVA (3-A)**

| Preempt Timers | | | Phase Green | Overlap Green |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 30 | 30 | . 2 . . 5 . . . | . . . . . |

| Port | Latching | Phase Termination |
|---|---|---|
| 5.5 | NO | ADVANCE |

**EVB (3 B)**

| Preempt Timers | | | Phase Green | Overlap Green |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 30 | 30 | . . . 4 . . 7 . | . . . . . |

| Port | Latching | Phase Termination |
|---|---|---|
| 5.6 | NO | ADVANCE |

**EVC (3-C)**

| Preempt Timers | | | Phase Green | Overlap Gre n |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 30 | 30 | 1 . . . 6 . . | . . . |

| Port | Latching | Phase Term nation |
|---|---|---|
| 5.7 | NO | ADVANCE |

**EVD (3-D)**

| Preempt Timers | | | Phase Green | Overlap Green |
|---|---|---|---|---|
| Delay | Clear | Max | | |
| | 30 | 30 | . . 3 . . . . 8 | . . . . . |

| Port | Latching | Phase Termination |
|---|---|---|
| 5.8 | NO | ADVANCE |

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## TRANSIT PRIORITY

| Local Plans (3-E) 1...9 11...19 | | Early Green | Green Extend | Inhibit Cycles | Phase 1 Minimum | Phase 2 Minimum | Phase 3 Minimum | Phase 4 Minimum | Phase 5 Minimum | Phase 6 Minimum | Phase 7 Minimum | Phase 8 Minimum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Plan 1 | Green Factor | | | | | | | | | | | |
| Plan 2 | Green Factor | | | | | | | | | | | |
| Plan 3 | Green Factor | | | | | | | | | | | |
| Plan 4 | Green Factor | | | | | | | | | | | |
| Plan 5 | Green Factor | | | | | | | | | | | |
| Plan 6 | Green Factor | | | | | | | | | | | |
| Plan 7 | Green Factor | | | | | | | | | | | |
| Plan 8 | Green Factor | | | | | | | | | | | |
| Plan 9 | Green Factor | | | | | | | | | | | |
| Plan 11 | Green Factor | | | | | | | | | | | |
| Plan 12 | Green Factor | | | | | | | | | | | |
| Plan 13 | Green Factor | | | | | | | | | | | |
| Plan 14 | Green Factor | | | | | | | | | | | |
| Plan 15 | Green Factor | | | | | | | | | | | |
| Plan 16 | Green Factor | | | | | | | | | | | |
| Plan 17 | Green Factor | | | | | | | | | | | |
| Plan 18 | Green Factor | | | | | | | | | | | |
| Plan 19 | Green Factor | | | | | | | | | | | |

| Transit Priority Configuration (3-E-A) | | | | Indicator Output | |
|---|---|---|---|---|---|
| Enable in Plans | | Input | Type | Stop | Go |
| Plan 1-9 | ..... | 0.0 | NONE | 0 | 0 |
| Plan 11-19 | ..... | 0.0 | NONE | 0 | 0 |

| Queue Jump (3-E-B) | |
|---|---|
| Grn Hold | Hold Phase |
| | ..... |
| | ..... |

| Free Plans (3 E-E) | |
|---|---|
| Max Gr Hold | Hold Phase |
| | ..... |

Timeout

## YELLOW YIELD COORDINATION

| | | | | | Force-Offs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Y-Coord Plans (7-C,D) | Long Grn | No Grn | Offset | Perm | -1- | -2- | -3- | 4- | 5- | -6- | -7- | -8- | Coord | Lag | Min Recall | Restricted |
| Plan C | | | | | | | | | | | | | .2...6.. | .2.4.6.8 | ..... | ..... |
| Plan D | | | | | | | | | | | | | .2...6.. | .2.4.6.8 | ..... | ..... |

## TRUCK PRIORITY

| Truck Priority (3-F) | Passage | CarryOver | Clearance | Next Priority | Phase Green | Det 2 Port | Det 3 Port | Det 4 Port | Sign Output | Slave Input | Slave Output |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ..... | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0 |

Do not Duplicate

# Signal Length Timing Study

| | |
|---|---|
| **City:** | Santee |
| **Intersection:** | Magnolia and SR-52 EB Ramps |
| **Date:** | 5/2/2023 |
| **Day:** | Tuesday |

**7:30 am - 7:45 am**

| Cycle | Phase | Duration | |
|---|---|---|---|
| 1 | EL/ER | *0:00:30* | 0:01:10 |
| | NT/ST | *0:00:40* | |
| 2 | EL/ER | *0:00:35* | 0:01:20 |
| | NT/ST | *0:00:45* | |
| 3 | EL/ER | *0:00:35* | 0:01:20 |
| | NT/ST | *0:00:45* | |
| 4 | EL/ER | *0:00:25* | 0:01:10 |
| | NT/ST | *0:00:45* | |
| 5 | EL/ER | *0:00:35* | 0:01:15 |
| | NT/ST | *0:00:40* | |
| 6 | EL/ER | *0:00:35* | 0:01:20 |
| | NT/ST | *0:00:45* | |
| 7 | EL/ER | *0:00:35* | 0:01:10 |
| | NT/ST | *0:00:35* | |
| 8 | EL/ER | *0:00:35* | 0:01:15 |
| | NT/ST | *0:00:40* | |
| 9 | EL/ER | *0:00:40* | 0:01:30 |
| | NT/ST | *0:00:50* | |
| 10 | EL/ER | *0:00:45* | 0:01:45 |
| | NT/ST | *0:01:00* | |
| 11 | EL/ER | *0:00:25* | 0:01:05 |
| | NT/ST | *0:00:40* | |
| 12 | EL/ER | *0:00:35* | 0:01:20 |
| | NT/ST | *0:00:45* | |
| | | | |
| | | | |
| | | | avg |
| | | | 0:01:18 |

**4:15 pm - 4:30 pm**

| Cycle | Phase | Duration | |
|---|---|---|---|
| 1 | NT/ST | *0:00:40* | 0:01:00 |
| | EL/ER | *0:00:20* | |
| 2 | NT/ST | *0:00:40* | 0:01:15 |
| | EL/ER | *0:00:35* | |
| 3 | NT/ST | *0:00:40* | 0:01:15 |
| | EL/ER | *0:00:35* | |
| 4 | NT/ST | *0:00:45* | 0:01:20 |
| | EL/ER | *0:00:35* | |
| 5 | NT/ST | *0:00:45* | 0:01:20 |
| | EL/ER | *0:00:35* | |
| 6 | NT/ST | *0:00:40* | 0:01:15 |
| | EL/ER | *0:00:35* | |
| 7 | NT/ST | *0:00:45* | 0:01:20 |
| | EL/ER | *0:00:35* | |
| 8 | NT/ST | *0:00:45* | 0:01:15 |
| | EL/ER | *0:00:30* | |
| 9 | NT/ST | *0:00:40* | 0:01:05 |
| | EL/ER | *0:00:25* | |
| 10 | NT/ST | *0:00:45* | 0:01:20 |
| | EL/ER | *0:00:35* | |
| 11 | NT/ST | *0:00:40* | 0:01:20 |
| | EL/ER | *0:00:40* | |
| 12 | NT/ST | *0:00:35* | 0:01:05 |
| | EL/ER | *0:00:30* | |
| 13 | NT/ST | *0:00:40* | 0:01:10 |
| | EL/ER | *0:00:30* | |
| | | | avg |
| | | | 0:01:14 |

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# Signal Length Timing Study

**City:** Santee

**Intersection:** Magnolia and SR-52 WB Ramp-SR-67 SB Ramp

**Date:** 5/2/2023

**Day:** Tuesday

| 7:30 am - 7:45 am | | | | 4:30 pm - 4:45 pm | | | |
|---|---|---|---|---|---|---|---|
| **Cycle** | **Phase** | **Duration** | | **Cycle** | **Phase** | **Duration** | |
| 1 | NT | *0:00:15* | 0:00:45 | 1 | NT/NL | *0:00:20* | 0:01:05 |
| | NT/ST | *0:00:15* | | | NT/ST | *0:00:35* | |
| | ST/SL | *0:00:15* | | | ST/SL | *0:00:10* | |
| 2 | NT | *0:00:10* | 0:00:30 | 2 | NL/SL | *0:00:25* | 0:01:00 |
| | NT/NL | *0:00:20* | | | ST/SL | *0:00:10* | |
| 3 | NT/ST | *0:00:15* | 0:00:30 | | NT/ST | *0:00:25* | |
| | ST/SL | *0:00:15* | | 3 | NT/NL | *0:00:15* | 0:00:30 |
| 4 | NT/ST | *0:00:45* | 0:01:40 | | NL/SL | *0:00:15* | |
| | NL/NT | *0:00:10* | | 4 | NT/NL | *0:00:15* | 0:01:05 |
| | NL/SL | *0:00:35* | | | NT/ST | *0:00:30* | |
| | ST | *0:00:10* | | | ST/SL | *0:00:20* | |
| 5 | NT/ST | *0:00:45* | 0:01:10 | 5 | NL/SL | *0:00:10* | 0:01:25 |
| | NL | *0:00:10* | | | NT/SL | *0:00:30* | |
| | NL/SL | *0:00:15* | | | NT/ST | *0:00:20* | |
| 6 | NT | *0:00:10* | 0:01:15 | | ST/SL | *0:00:25* | |
| | NT/ST | *0:00:35* | | 6 | NL/SL | *0:00:10* | 0:01:15 |
| | SL | *0:00:15* | | | NT/NL | *0:00:15* | |
| | NL/SL | *0:00:15* | | | NT/ST | *0:00:40* | |
| 7 | NT | *0:00:30* | 0:01:15 | | ST/SL | *0:00:10* | |
| | ST/SL | *0:00:35* | | 7 | NL/SL | *0:00:15* | 0:01:25 |
| | NL/SL | *0:00:10* | | | NT/NL | *0:00:10* | |
| 8 | NL/NT | *0:00:35* | 0:01:05 | | NT/ST | *0:00:50* | |
| | ST/SL | *0:00:30* | | | ST/SL | *0:00:10* | |
| 9 | NT/ST | *0:00:20* | 0:01:25 | 8 | NL/SL | *0:00:15* | 0:01:10 |
| | NT/NL | *0:00:30* | | | ST | *0:00:05* | |
| | NL/SL | *0:00:25* | | | NT/ST | *0:00:40* | |
| | ST/SL | *0:00:10* | | | ST/SL | *0:00:10* | |
| 10 | NT/ST | *0:00:25* | 0:01:00 | 9 | NL/SL | *0:00:15* | 0:01:15 |
| | NT/NL | *0:00:15* | | | NT/ST | *0:00:50* | |
| | NL/SL | *0:00:20* | | | ST/SL | *0:00:10* | |
| 11 | NT | *0:00:15* | 0:00:50 | 10 | NL/SL | *0:00:10* | 0:01:10 |
| | NT/ST | *0:00:15* | | | NT/NL | *0:00:10* | |
| | ST/SL | *0:00:20* | | | NT/ST | *0:00:40* | |
| 12 | NT/ST | *0:00:25* | 0:01:25 | | ST/SL | *0:00:10* | |
| | NT/NL | *0:00:15* | | 11 | NL/SL | *0:00:20* | 0:01:25 |
| | ST/SL | *0:00:45* | | | NT | *0:00:05* | |
| 13 | NT/NL | *0:00:35* | 0:00:45 | | NT/ST | *0:00:50* | |
| | ST/SL | *0:00:10* | | | ST/SL | *0:00:10* | |
| 14 | NT/ST | *0:00:20* | 0:00:45 | 12 | NL/SL | *0:00:15* | 0:02:10 |
| | NL/SL | *0:00:25* | | | NT/ST | *0:00:50* | |
| 15 | NT/ST | *0:00:35* | 0:00:55 | | ST/SL | *0:00:45* | |
| | ST/SL | *0:00:10* | | | NT/ST | *0:00:20* | |
| | NL/SL | *0:00:10* | | | | | |
| | | | avg | | | | avg |
| | | | 0:01:01 | | | | 0:01:15 |

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# Signal Length Timing Study

**City:** Santee

**Intersection:** Magnolia and Woodside

**Date:** 5/2/2023

**Day:** Tuesday

| 7:30 am - 7:45 am | | | | 4:30 pm - 4:45 pm | | | |
|---|---|---|---|---|---|---|---|
| **Cycle** | **Phase** | **Duration** | | **Cycle** | **Phase** | **Duration** | |
| 1 | EL/WL | *0:00:15* | 0:02:00 | 1 | ET/WT | *0:00:30* | 0:01:55 |
| | WT/WL | *0:00:05* | | | NL/SL | *0:00:15* | |
| | ET/WT | *0:00:40* | | | NT/NL | *0:00:05* | |
| | NL/SL | *0:00:10* | | | NT/ST | *0:00:40* | |
| | NT/NL | *0:00:10* | | | EL/WL | *0:00:15* | |
| | NT/ST | *0:00:40* | | | WT/WL | *0:00:10* | |
| 2 | EL/WL | *0:00:15* | 0:01:40 | 2 | ET/WT | *0:00:35* | 0:02:05 |
| | WT/WL | *0:00:05* | | | NL/SL | *0:00:15* | |
| | ET/WT | *0:00:30* | | | NT/NL | *0:00:05* | |
| | NL/SL | *0:00:10* | | | NT/ST | *0:00:45* | |
| | NT/ST | *0:00:40* | | | EL/WL | *0:00:15* | |
| 3 | EL/WL | *0:00:15* | 0:01:50 | | WT/WL | *0:00:10* | |
| | WT/WL | *0:00:05* | | 3 | ET/WT | *0:00:30* | 0:02:00 |
| | ET/WT | *0:00:30* | | | NL/SL | *0:00:20* | |
| | NL/SL | *0:00:15* | | | NT/ST | *0:00:40* | |
| | NT/ST | *0:00:45* | | | EL/WL | *0:00:20* | |
| 4 | EL/WL | *0:00:15* | 0:01:50 | | WT/WL | *0:00:10* | |
| | WT/WL | *0:00:05* | | 4 | ET/WT | *0:00:30* | 0:02:00 |
| | ET/WT | *0:00:30* | | | NL/SL | *0:00:20* | |
| | NL/SL | *0:00:15* | | | NT/ST | *0:00:40* | |
| | NT/ST | *0:00:45* | | | EL/WL | *0:00:20* | |
| 5 | EL/WL | *0:00:15* | 0:02:00 | | WT/WL | *0:00:10* | |
| | WT/WL | *0:00:05* | | 5 | ET/WT | *0:00:30* | 0:02:00 |
| | ET/WT | *0:00:30* | | | NL/SL | *0:00:15* | |
| | NL/SL | *0:00:25* | | | NT/ST | *0:00:45* | |
| | NT/ST | *0:00:45* | | | EL/WL | *0:00:25* | |
| 6 | EL/WL | *0:00:10* | 0:01:40 | | WT/WL | *0:00:05* | |
| | WT/WL | *0:00:05* | | 6 | ET/WT | *0:00:30* | 0:01:55 |
| | ET/WT | *0:00:30* | | | NL/SL | *0:00:20* | |
| | NL/SL | *0:00:15* | | | NT/ST | *0:00:40* | |
| | NT/ST | *0:00:40* | | | EL/WL | *0:00:20* | |
| 7 | EL/WL | *0:00:15* | 0:01:45 | | WT/WL | *0:00:05* | |
| | WT/WL | *0:00:05* | | 7 | ET/WT | *0:00:35* | 0:02:00 |
| | ET/WT | *0:00:30* | | | NL/SL | *0:00:15* | |
| | NL/SL | *0:00:15* | | | NT/ST | *0:00:45* | |
| | NT/ST | *0:00:40* | | | EL/WL | *0:00:15* | |
| 8 | EL/WL | *0:00:15* | 0:01:50 | | WT/WL | *0:00:10* | |
| | WT/WL | *0:00:05* | | 8 | ET/WT | *0:00:35* | 0:01:40 |
| | ET/WT | *0:00:30* | | | NL/SL | *0:00:20* | |
| | NL/SL | *0:00:15* | | | NT/ST | *0:00:25* | |
| | NT/ST | *0:00:45* | | | EL/WL | *0:00:20* | |
| 9 | EL/WL | *0:00:15* | 0:01:45 | | | | |
| | WT/WL | *0:00:05* | | | | | |
| | ET/WT | *0:00:30* | | | | | |
| | SL/ST | *0:00:25* | | | | | |
| | NT/ST | *0:00:30* | | | | | |
| | | | avg | | | | avg |
| | | | 0:01:49 | | | | 0:01:57 |

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# Appendix E

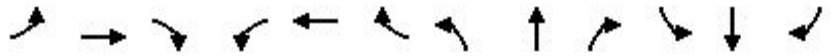
Intersection LOS Worksheets – Existing Conditions



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 417 | 441 | 0 | 1286 | 506 | 0 |
| Future Volume (veh/h) | 417 | 441 | 0 | 1286 | 506 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 439 | 464 | 0 | 1354 | 533 | 0 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 585 | 520 | 0 | 1623 | 1623 | 0 |
| Arrive On Green | 0.32 | 0.32 | 0.00 | 0.45 | 0.15 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 439 | 464 | 0 | 1354 | 533 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 11.9 | 15.1 | 0.0 | 18.2 | 7.3 | 0.0 |
| Cycle Q Clear(g_c), s | 11.9 | 15.1 | 0.0 | 18.2 | 7.3 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 585 | 520 | 0 | 1623 | 1623 | 0 |
| V/C Ratio(X) | 0.75 | 0.89 | 0.00 | 0.83 | 0.33 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1623 | 1623 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 0.33 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.88 | 0.00 |
| Uniform Delay (d), s/veh | 16.6 | 17.7 | 0.0 | 13.3 | 16.0 | 0.0 |
| Incr Delay (d2), s/veh | 4.8 | 16.0 | 0.0 | 5.2 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 4.7 | 6.7 | 0.0 | 6.4 | 2.7 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 21.4 | 33.7 | 0.0 | 18.6 | 16.5 | 0.0 |
| LnGrp LOS | C | C | A | B | B | A |
| Approach Vol, veh/h | 903 | | | 1354 | 533 | |
| Approach Delay, s/veh | 27.7 | | | 18.6 | 16.5 | |
| Approach LOS | C | | | B | B | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 31.1 | | 23.9 | | 31.1 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 20.2 | | 17.1 | | 9.3 |
| Green Ext Time (p_c), s | | 2.5 | | 0.7 | | 2.7 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | | 21.1 |
| HCM 6th LOS | | C |



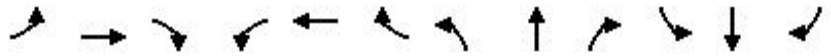
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1267 | 139 | 521 | 510 | 255 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1267 | 139 | 521 | 510 | 255 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.97 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 301 | 1306 | 143 | 537 | 526 | 263 |
| Peak Hour Factor | | | | | | | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1593 | 1885 | 570 | 1463 | 754 | 376 |
| Arrive On Green | | | | | | | 0.91 | 0.73 | 0.73 | 0.42 | 0.33 | 0.33 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1570 | 3510 | 2311 | 1151 |
| Grp Volume(v), veh/h | | | | | | | 301 | 1306 | 143 | 537 | 410 | 379 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1570 | 1755 | 1805 | 1657 |
| Q Serve(g_s), s | | | | | | | 0.5 | 7.6 | 1.7 | 5.8 | 10.9 | 11.0 |
| Cycle Q Clear(g_c), s | | | | | | | 0.5 | 7.6 | 1.7 | 5.8 | 10.9 | 11.0 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.69 |
| Lane Grp Cap(c), veh/h | | | | | | | 1593 | 1885 | 570 | 1463 | 589 | 541 |
| V/C Ratio(X) | | | | | | | 0.19 | 0.69 | 0.25 | 0.37 | 0.70 | 0.70 |
| Avail Cap(c_a), veh/h | | | | | | | 1593 | 3169 | 959 | 1463 | 1103 | 1012 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.49 | 0.49 | 0.49 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 1.4 | 5.8 | 5.0 | 11.0 | 16.2 | 16.2 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 1.0 | 0.5 | 0.1 | 6.7 | 7.4 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.1 | 1.5 | 0.5 | 1.7 | 4.7 | 4.4 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 1.4 | 6.9 | 5.5 | 11.1 | 22.9 | 23.6 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1750 | | | 1326 | |
| Approach Delay, s/veh | | | | | | | | 5.8 | | | 18.3 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 8.6 | 26.4 | | 30.7 | 24.3 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 7.8 | 9.6 | | 2.5 | 13.0 |
| Green Ext Time (p_c), s | 0.2 | 10.1 | | 0.3 | 4.6 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 11.2 |
| HCM 6th LOS | B |

**Notes**

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 91 | 221 | 157 | 353 | 574 | 202 | 212 | 615 | 403 | 226 | 789 | 158 |
| Future Volume (veh/h) | 91 | 221 | 157 | 353 | 574 | 202 | 212 | 615 | 403 | 226 | 789 | 158 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 93 | 226 | 160 | 360 | 586 | 206 | 216 | 628 | 411 | 231 | 805 | 161 |
| Peak Hour Factor | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 164 | 703 | 438 | 450 | 720 | 253 | 287 | 1477 | 854 | 302 | 1492 | 655 |
| Arrive On Green | 0.05 | 0.19 | 0.19 | 0.13 | 0.28 | 0.28 | 0.08 | 0.41 | 0.41 | 0.09 | 0.41 | 0.41 |
| Sat Flow, veh/h | 3510 | 3610 | 1573 | 3510 | 2606 | 914 | 3510 | 3610 | 1583 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 93 | 226 | 160 | 360 | 405 | 387 | 216 | 628 | 411 | 231 | 805 | 161 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1573 | 1755 | 1805 | 1715 | 1755 | 1805 | 1583 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 2.6 | 5.3 | 8.1 | 9.9 | 20.8 | 20.8 | 6.0 | 12.3 | 16.1 | 6.4 | 16.7 | 6.6 |
| Cycle Q Clear(g_c), s | 2.6 | 5.3 | 8.1 | 9.9 | 20.8 | 20.8 | 6.0 | 12.3 | 16.1 | 6.4 | 16.7 | 6.6 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.53 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 164 | 703 | 438 | 450 | 499 | 474 | 287 | 1477 | 854 | 302 | 1492 | 655 |
| V/C Ratio(X) | 0.57 | 0.32 | 0.37 | 0.80 | 0.81 | 0.82 | 0.75 | 0.43 | 0.48 | 0.77 | 0.54 | 0.25 |
| Avail Cap(c_a), veh/h | 372 | 1113 | 617 | 727 | 739 | 702 | 372 | 1477 | 854 | 372 | 1492 | 655 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 46.2 | 34.2 | 28.8 | 41.9 | 33.4 | 33.5 | 44.5 | 20.9 | 14.3 | 44.3 | 21.9 | 19.0 |
| Incr Delay (d2), s/veh | 3.1 | 0.3 | 0.5 | 3.3 | 4.4 | 4.7 | 6.1 | 0.9 | 1.9 | 7.3 | 1.4 | 0.9 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 1.2 | 2.3 | 3.0 | 4.3 | 9.3 | 8.9 | 2.7 | 5.0 | 5.7 | 3.0 | 6.8 | 2.5 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 49.3 | 34.5 | 29.3 | 45.2 | 37.8 | 38.2 | 50.6 | 21.8 | 16.2 | 51.6 | 23.3 | 19.9 |
| LnGrp LOS | D | C | C | D | D | D | D | C | B | D | C | B |
| Approach Vol, veh/h | | 479 | | | 1152 | | | 1255 | | | 1197 | |
| Approach Delay, s/veh | | 35.6 | | | 40.2 | | | 24.9 | | | 28.3 | |
| Approach LOS | | D | | | D | | | C | | | C | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 13.0 | 45.0 | 17.2 | 23.8 | 12.6 | 45.4 | 9.1 | 31.8 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 8.4 | 18.1 | 11.9 | 10.1 | 8.0 | 18.7 | 4.6 | 22.8 |
| Green Ext Time (p_c), s | 0.2 | 5.5 | 0.8 | 1.8 | 0.2 | 5.8 | 0.1 | 4.5 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 31.5 |
| HCM 6th LOS | C |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 22.7 |
| Intersection LOS | C |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 292 | 0 | 0 | 11 | 585 | 25 | 286 | 8 | 0 | 0 | 16 | 161 |
| Future Vol, veh/h | 292 | 0 | 0 | 11 | 585 | 25 | 286 | 8 | 0 | 0 | 16 | 161 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 307 | 0 | 0 | 12 | 616 | 26 | 301 | 8 | 0 | 0 | 17 | 169 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 27.4 | 22.6 | 23.1 | 14.8 |
| HCM LOS | D | C | C | B |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 97% | 100% | 0% | 4% | 0% | 0% |
| Vol Thru, % | 3% | 0% | 100% | 96% | 92% | 9% |
| Vol Right, % | 0% | 0% | 0% | 0% | 8% | 91% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 294 | 292 | 0 | 304 | 318 | 177 |
| LT Vol | 286 | 292 | 0 | 11 | 0 | 0 |
| Through Vol | 8 | 0 | 0 | 293 | 293 | 16 |
| RT Vol | 0 | 0 | 0 | 0 | 25 | 161 |
| Lane Flow Rate | 309 | 307 | 0 | 319 | 334 | 186 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.641 | 0.692 | 0 | 0.646 | 0.66 | 0.38 |
| Departure Headway (Hd) | 7.555 | 8.207 | 7.69 | 7.283 | 7.108 | 7.335 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 480 | 443 | 0 | 498 | 505 | 494 |
| Service Time | 5.555 | 5.907 | 5.39 | 4.983 | 4.907 | 5.342 |
| HCM Lane V/C Ratio | 0.644 | 0.693 | 0 | 0.641 | 0.661 | 0.377 |
| HCM Control Delay | 23.1 | 27.4 | 10.4 | 22.3 | 22.8 | 14.8 |
| HCM Lane LOS | C | D | N | C | C | B |
| HCM 95th-tile Q | 4.4 | 5.2 | 0 | 4.5 | 4.8 | 1.8 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 4.4 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 191 | 145 | 91 | 19 | 5 | 75 |
| Future Vol, veh/h | 191 | 145 | 91 | 19 | 5 | 75 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 81 | 81 | 81 | 81 | 81 | 81 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 236 | 179 | 112 | 23 | 6 | 93 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 135 | 0 | - | 0 | 763 | 112 |
| Stage 1 | - | - | - | - | 112 | - |
| Stage 2 | - | - | - | - | 651 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1462 | - | - | - | 375 | 947 |
| Stage 1 | - | - | - | - | 918 | - |
| Stage 2 | - | - | - | - | 523 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1462 | - | - | - | 315 | 947 |
| Mov Cap-2 Maneuver | - | - | - | - | 315 | - |
| Stage 1 | - | - | - | - | 770 | - |
| Stage 2 | - | - | - | - | 523 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 4.5 | 0 | 9.8 |
| HCM LOS | | | A |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1462 | - | - | - | 841 |
| HCM Lane V/C Ratio | 0.161 | - | - | - | 0.117 |
| HCM Control Delay (s) | 7.9 | - | - | - | 9.8 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0.6 | - | - | - | 0.4 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.6 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 60 | 71 | 89 | 49 | 9 | 25 |
| Future Vol, veh/h | 60 | 71 | 89 | 49 | 9 | 25 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 79 | 79 | 79 | 79 | 79 | 79 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 76 | 90 | 113 | 62 | 11 | 32 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 175 | 0 | - | 0 | 355 | 113 |
| Stage 1 | - | - | - | - | 113 | - |
| Stage 2 | - | - | - | - | 242 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1414 | - | - | - | 647 | 945 |
| Stage 1 | - | - | - | - | 917 | - |
| Stage 2 | - | - | - | - | 803 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1414 | - | - | - | 612 | 945 |
| Mov Cap-2 Maneuver | - | - | - | - | 612 | - |
| Stage 1 | - | - | - | - | 867 | - |
| Stage 2 | - | - | - | - | 803 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 3.5 | 0 | 9.6 |
| HCM LOS | | | A |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1414 | - | - | - | 826 |
| HCM Lane V/C Ratio | 0.054 | - | - | - | 0.052 |
| HCM Control Delay (s) | 7.7 | - | - | - | 9.6 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0.2 | - | - | - | 0.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 0 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 0 | 78 | 147 | 0 | 0 | 0 |
| Future Vol, veh/h | 0 | 78 | 147 | 0 | 0 | 0 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 0 | 100 | 188 | 0 | 0 | 0 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 188 | 0 | - | 0 | 288 | 188 |
| Stage 1 | - | - | - | - | 188 | - |
| Stage 2 | - | - | - | - | 100 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1398 | - | - | - | 707 | 859 |
| Stage 1 | - | - | - | - | 849 | - |
| Stage 2 | - | - | - | - | 929 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1398 | - | - | - | 707 | 859 |
| Mov Cap-2 Maneuver | - | - | - | - | 707 | - |
| Stage 1 | - | - | - | - | 849 | - |
| Stage 2 | - | - | - | - | 929 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0 | 0 | 0 |
| HCM LOS | | | A |

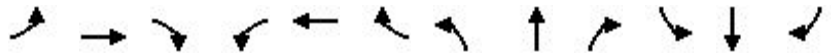
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1398 | - | - | - | - |
| HCM Lane V/C Ratio | - | - | - | - | - |
| HCM Control Delay (s) | 0 | - | - | - | 0 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0 | - | - | - | - |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 458 | 505 | 0 | 1377 | 557 | 0 |
| Future Volume (veh/h) | 458 | 505 | 0 | 1377 | 557 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 472 | 521 | 0 | 1420 | 574 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| Arrive On Green | 0.34 | 0.34 | 0.00 | 0.43 | 0.86 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 472 | 521 | 0 | 1420 | 574 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 12.7 | 17.3 | 0.0 | 20.4 | 1.8 | 0.0 |
| Cycle Q Clear(g_c), s | 12.7 | 17.3 | 0.0 | 20.4 | 1.8 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| V/C Ratio(X) | 0.76 | 0.94 | 0.00 | 0.92 | 0.37 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.78 | 0.00 |
| Uniform Delay (d), s/veh | 16.0 | 17.5 | 0.0 | 14.8 | 2.4 | 0.0 |
| Incr Delay (d2), s/veh | 5.4 | 24.6 | 0.0 | 10.1 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 5.1 | 8.7 | 0.0 | 8.2 | 0.5 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 21.4 | 42.1 | 0.0 | 24.9 | 2.9 | 0.0 |
| LnGrp LOS | C | D | A | C | A | A |
| Approach Vol, veh/h | 993 | | | 1420 | 574 | |
| Approach Delay, s/veh | 32.3 | | | 24.9 | 2.9 | |
| Approach LOS | C | | | C | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 30.0 | | 25.0 | | 30.0 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 22.4 | | 19.3 | | 3.8 |
| Green Ext Time (p_c), s | | 1.0 | | 0.0 | | 3.4 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | 23.1 | |
| HCM 6th LOS | C | |



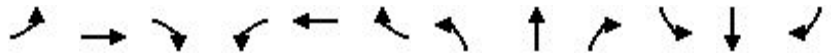
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 1445 | 146 | 592 | 558 | 317 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 1445 | 146 | 592 | 558 | 317 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.97 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 237 | 1474 | 149 | 604 | 569 | 323 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1464 | 2041 | 617 | 1357 | 797 | 452 |
| Arrive On Green | | | | | | | 0.83 | 0.79 | 0.79 | 0.39 | 0.36 | 0.36 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1568 | 3510 | 2196 | 1245 |
| Grp Volume(v), veh/h | | | | | | | 237 | 1474 | 149 | 604 | 468 | 424 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1568 | 1755 | 1805 | 1636 |
| Q Serve(g_s), s | | | | | | | 0.7 | 7.7 | 1.4 | 7.0 | 12.3 | 12.3 |
| Cycle Q Clear(g_c), s | | | | | | | 0.7 | 7.7 | 1.4 | 7.0 | 12.3 | 12.3 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.76 |
| Lane Grp Cap(c), veh/h | | | | | | | 1464 | 2041 | 617 | 1357 | 655 | 594 |
| V/C Ratio(X) | | | | | | | 0.16 | 0.72 | 0.24 | 0.45 | 0.71 | 0.71 |
| Avail Cap(c_a), veh/h | | | | | | | 1464 | 3169 | 958 | 1357 | 1103 | 999 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.40 | 0.40 | 0.40 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 2.7 | 4.4 | 3.7 | 12.5 | 15.1 | 15.1 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.9 | 0.4 | 0.1 | 6.5 | 7.2 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.2 | 1.3 | 0.4 | 2.1 | 5.1 | 4.7 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 2.7 | 5.3 | 4.1 | 12.6 | 21.6 | 22.3 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1860 | | | 1496 | |
| Approach Delay, s/veh | | | | | | | | 4.9 | | | 18.2 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 37.0 | 28.0 | | 28.6 | 26.4 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 9.0 | 9.7 | | 2.7 | 14.3 |
| Green Ext Time (p_c), s | 0.1 | 11.6 | | 0.2 | 5.3 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 10.8 |
| HCM 6th LOS | B |

**Notes**

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 218 | 655 | 325 | 482 | 550 | 143 | 199 | 801 | 415 | 150 | 624 | 139 |
| Future Volume (veh/h) | 218 | 655 | 325 | 482 | 550 | 143 | 199 | 801 | 415 | 150 | 624 | 139 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 229 | 689 | 342 | 507 | 579 | 151 | 209 | 843 | 437 | 158 | 657 | 146 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 290 | 856 | 498 | 575 | 898 | 234 | 271 | 1356 | 858 | 220 | 1304 | 572 |
| Arrive On Green | 0.08 | 0.24 | 0.24 | 0.16 | 0.32 | 0.32 | 0.08 | 0.38 | 0.38 | 0.06 | 0.36 | 0.36 |
| Sat Flow, veh/h | 3510 | 3610 | 1575 | 3510 | 2823 | 734 | 3510 | 3610 | 1582 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 229 | 689 | 342 | 507 | 370 | 360 | 209 | 843 | 437 | 158 | 657 | 146 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1575 | 1755 | 1805 | 1752 | 1755 | 1805 | 1582 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 7.2 | 20.2 | 21.3 | 15.8 | 19.7 | 19.8 | 6.5 | 21.3 | 19.7 | 5.0 | 15.9 | 7.3 |
| Cycle Q Clear(g_c), s | 7.2 | 20.2 | 21.3 | 15.8 | 19.7 | 19.8 | 6.5 | 21.3 | 19.7 | 5.0 | 15.9 | 7.3 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.42 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 290 | 856 | 498 | 575 | 574 | 557 | 271 | 1356 | 858 | 220 | 1304 | 572 |
| V/C Ratio(X) | 0.79 | 0.81 | 0.69 | 0.88 | 0.64 | 0.65 | 0.77 | 0.62 | 0.51 | 0.72 | 0.50 | 0.26 |
| Avail Cap(c_a), veh/h | 329 | 982 | 553 | 642 | 652 | 633 | 329 | 1356 | 858 | 329 | 1304 | 572 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 50.5 | 40.3 | 33.7 | 45.8 | 32.8 | 32.8 | 50.7 | 28.5 | 16.4 | 51.6 | 28.0 | 25.2 |
| Incr Delay (d2), s/veh | 10.9 | 4.4 | 3.1 | 12.6 | 1.8 | 1.9 | 8.8 | 2.2 | 2.2 | 4.3 | 1.4 | 1.1 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 3.5 | 9.2 | 8.3 | 7.7 | 8.6 | 8.4 | 3.1 | 9.1 | 7.2 | 2.3 | 6.8 | 0.2 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 61.4 | 44.7 | 36.8 | 58.4 | 34.6 | 34.7 | 59.6 | 30.6 | 18.6 | 55.9 | 29.3 | 26.3 |
| LnGrp LOS | E | D | D | E | C | C | E | C | B | E | C | C |
| Approach Vol, veh/h | | 1260 | | | 1237 | | | 1489 | | | 961 | |
| Approach Delay, s/veh | | 45.6 | | | 44.4 | | | 31.2 | | | 33.2 | |
| Approach LOS | | D | | | D | | | C | | | C | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 11.5 | 46.6 | 22.9 | 31.1 | 13.2 | 45.0 | 13.8 | 40.2 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 7.0 | 23.3 | 17.8 | 23.3 | 8.5 | 17.9 | 9.2 | 21.8 |
| Green Ext Time (p_c), s | 0.1 | 6.6 | 0.5 | 3.2 | 0.1 | 4.6 | 0.1 | 4.1 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 38.5 |
| HCM 6th LOS | D |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 23.3 |
| Intersection LOS | C |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 139 | 0 | 0 | 4 | 370 | 14 | 285 | 7 | 0 | 0 | 30 | 440 |
| Future Vol, veh/h | 139 | 0 | 0 | 4 | 370 | 14 | 285 | 7 | 0 | 0 | 30 | 440 |
| Peak Hour Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 148 | 0 | 0 | 4 | 394 | 15 | 303 | 7 | 0 | 0 | 32 | 468 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 16.2 | 15.9 | 21.4 | 32.8 |
| HCM LOS | C | C | C | D |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 98% | 100% | 0% | 2% | 0% | 0% |
| Vol Thru, % | 2% | 0% | 100% | 98% | 93% | 6% |
| Vol Right, % | 0% | 0% | 0% | 0% | 7% | 94% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 292 | 139 | 0 | 189 | 199 | 470 |
| LT Vol | 285 | 139 | 0 | 4 | 0 | 0 |
| Through Vol | 7 | 0 | 0 | 185 | 185 | 30 |
| RT Vol | 0 | 0 | 0 | 0 | 14 | 440 |
| Lane Flow Rate | 311 | 148 | 0 | 201 | 212 | 500 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.623 | 0.358 | 0 | 0.42 | 0.439 | 0.836 |
| Departure Headway (Hd) | 7.223 | 8.718 | 8.199 | 7.633 | 7.571 | 6.022 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 503 | 414 | 0 | 475 | 478 | 595 |
| Service Time | 5.223 | 6.434 | 5.914 | 5.333 | 5.271 | 4.12 |
| HCM Lane V/C Ratio | 0.618 | 0.357 | 0 | 0.423 | 0.444 | 0.84 |
| HCM Control Delay | 21.4 | 16.2 | 10.9 | 15.7 | 16.1 | 32.8 |
| HCM Lane LOS | C | C | N | C | C | D |
| HCM 95th-tile Q | 4.2 | 1.6 | 0 | 2 | 2.2 | 8.8 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.4 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 18 | 115 | 369 | 3 | 17 | 136 |
| Future Vol, veh/h | 18 | 115 | 369 | 3 | 17 | 136 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 21 | 137 | 439 | 4 | 20 | 162 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 443 | 0 | - | 0 | 618 | 439 |
| Stage 1 | - | - | - | - | 439 | - |
| Stage 2 | - | - | - | - | 179 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1128 | - | - | - | 456 | 622 |
| Stage 1 | - | - | - | - | 654 | - |
| Stage 2 | - | - | - | - | 857 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1128 | - | - | - | 447 | 622 |
| Mov Cap-2 Maneuver | - | - | - | - | 447 | - |
| Stage 1 | - | - | - | - | 642 | - |
| Stage 2 | - | - | - | - | 857 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.1 | 0 | 13.7 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1128 | - | - | - | 596 |
| HCM Lane V/C Ratio | 0.019 | - | - | - | 0.306 |
| HCM Control Delay (s) | 8.3 | - | - | - | 13.7 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.3 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.7 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 114 | 303 | 20 | 46 | 59 |
| Future Vol, veh/h | 26 | 114 | 303 | 20 | 46 | 59 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 30 | 131 | 348 | 23 | 53 | 68 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 373 | 0 | - | 0 | 541 | 350 |
| Stage 1 | - | - | - | - | 350 | - |
| Stage 2 | - | - | - | - | 191 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1197 | - | - | - | 506 | 698 |
| Stage 1 | - | - | - | - | 718 | - |
| Stage 2 | - | - | - | - | 846 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1195 | - | - | - | 491 | 697 |
| Mov Cap-2 Maneuver | - | - | - | - | 491 | - |
| Stage 1 | - | - | - | - | 699 | - |
| Stage 2 | - | - | - | - | 844 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.5 | 0 | 12.7 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1195 | - | - | - | 589 |
| HCM Lane V/C Ratio | 0.025 | - | - | - | 0.205 |
| HCM Control Delay (s) | 8.1 | - | - | - | 12.7 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 0.8 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 0 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 0 | 161 | 327 | 1 | 0 | 0 |
| Future Vol, veh/h | 0 | 161 | 327 | 1 | 0 | 0 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 0 | 206 | 419 | 1 | 0 | 0 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 421 | 0 | - | 0 | 627 | 421 |
| Stage 1 | - | - | - | - | 421 | - |
| Stage 2 | - | - | - | - | 206 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1149 | - | - | - | 451 | 637 |
| Stage 1 | - | - | - | - | 667 | - |
| Stage 2 | - | - | - | - | 833 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1148 | - | - | - | 450 | 636 |
| Mov Cap-2 Maneuver | - | - | - | - | 450 | - |
| Stage 1 | - | - | - | - | 666 | - |
| Stage 2 | - | - | - | - | 832 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0 | 0 | 0 |
| HCM LOS | | | A |

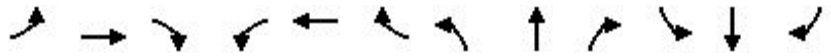
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1148 | - | - | - | - |
| HCM Lane V/C Ratio | - | - | - | - | - |
| HCM Control Delay (s) | 0 | - | - | - | 0 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0 | - | - | - | - |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 487 | 441 | 0 | 1289 | 507 | 0 |
| Future Volume (veh/h) | 487 | 441 | 0 | 1289 | 507 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 513 | 464 | 0 | 1357 | 534 | 0 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 586 | 522 | 0 | 1620 | 1620 | 0 |
| Arrive On Green | 0.32 | 0.32 | 0.00 | 0.45 | 0.15 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 513 | 464 | 0 | 1357 | 534 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 14.7 | 15.1 | 0.0 | 18.3 | 7.3 | 0.0 |
| Cycle Q Clear(g_c), s | 14.7 | 15.1 | 0.0 | 18.3 | 7.3 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 586 | 522 | 0 | 1620 | 1620 | 0 |
| V/C Ratio(X) | 0.87 | 0.89 | 0.00 | 0.84 | 0.33 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1620 | 1620 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 0.33 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.87 | 0.00 |
| Uniform Delay (d), s/veh | 17.5 | 17.7 | 0.0 | 13.4 | 16.0 | 0.0 |
| Incr Delay (d2), s/veh | 12.7 | 15.7 | 0.0 | 5.3 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 6.9 | 6.7 | 0.0 | 6.5 | 2.7 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 30.2 | 33.4 | 0.0 | 18.7 | 16.5 | 0.0 |
| LnGrp LOS | C | C | A | B | B | A |
| Approach Vol, veh/h | 977 | | | 1357 | 534 | |
| Approach Delay, s/veh | 31.7 | | | 18.7 | 16.5 | |
| Approach LOS | C | | | B | B | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 31.1 | | 23.9 | | 31.1 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 20.3 | | 17.1 | | 9.3 |
| Green Ext Time (p_c), s | | 2.4 | | 0.8 | | 2.7 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | | 22.7 |
| HCM 6th LOS | | C |



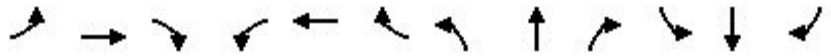
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1340 | 139 | 521 | 511 | 270 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1340 | 139 | 521 | 511 | 270 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.98 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 301 | 1381 | 143 | 537 | 527 | 278 |
| Peak Hour Factor | | | | | | | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1572 | 1954 | 591 | 1416 | 752 | 395 |
| Arrive On Green | | | | | | | 0.90 | 0.75 | 0.75 | 0.40 | 0.33 | 0.33 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1570 | 3510 | 2264 | 1190 |
| Grp Volume(v), veh/h | | | | | | | 301 | 1381 | 143 | 537 | 420 | 385 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1570 | 1755 | 1805 | 1649 |
| Q Serve(g_s), s | | | | | | | 0.6 | 7.7 | 1.5 | 5.9 | 11.1 | 11.2 |
| Cycle Q Clear(g_c), s | | | | | | | 0.6 | 7.7 | 1.5 | 5.9 | 11.1 | 11.2 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.72 |
| Lane Grp Cap(c), veh/h | | | | | | | 1572 | 1954 | 591 | 1416 | 599 | 548 |
| V/C Ratio(X) | | | | | | | 0.19 | 0.71 | 0.24 | 0.38 | 0.70 | 0.70 |
| Avail Cap(c_a), veh/h | | | | | | | 1572 | 3169 | 959 | 1416 | 1103 | 1007 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.41 | 0.41 | 0.41 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 1.6 | 5.2 | 4.4 | 11.6 | 16.0 | 16.0 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.9 | 0.4 | 0.1 | 6.7 | 7.4 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.1 | 1.4 | 0.4 | 1.8 | 4.8 | 4.5 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 1.6 | 6.1 | 4.8 | 11.6 | 22.7 | 23.4 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1825 | | | 1342 | |
| Approach Delay, s/veh | | | | | | | | 5.2 | | | 18.5 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 7.9 | 27.1 | | 30.3 | 24.7 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 7.9 | 9.7 | | 2.6 | 13.2 |
| Green Ext Time (p_c), s | 0.2 | 10.7 | | 0.3 | 4.7 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 10.8 |
| HCM 6th LOS | B |

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 91 | 236 | 157 | 368 | 578 | 206 | 212 | 615 | 476 | 241 | 789 | 158 |
| Future Volume (veh/h) | 91 | 236 | 157 | 368 | 578 | 206 | 212 | 615 | 476 | 241 | 789 | 158 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 93 | 241 | 160 | 376 | 590 | 210 | 216 | 628 | 486 | 246 | 805 | 161 |
| Peak Hour Factor | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 162 | 693 | 433 | 465 | 722 | 256 | 287 | 1464 | 855 | 315 | 1494 | 655 |
| Arrive On Green | 0.05 | 0.19 | 0.19 | 0.13 | 0.28 | 0.28 | 0.08 | 0.41 | 0.41 | 0.09 | 0.41 | 0.41 |
| Sat Flow, veh/h | 3510 | 3610 | 1573 | 3510 | 2596 | 922 | 3510 | 3610 | 1583 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 93 | 241 | 160 | 376 | 410 | 390 | 216 | 628 | 486 | 246 | 805 | 161 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1573 | 1755 | 1805 | 1713 | 1755 | 1805 | 1583 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 2.6 | 5.8 | 8.2 | 10.4 | 21.2 | 21.3 | 6.0 | 12.5 | 20.4 | 6.8 | 16.8 | 6.6 |
| Cycle Q Clear(g_c), s | 2.6 | 5.8 | 8.2 | 10.4 | 21.2 | 21.3 | 6.0 | 12.5 | 20.4 | 6.8 | 16.8 | 6.6 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.54 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 162 | 693 | 433 | 465 | 502 | 476 | 287 | 1464 | 855 | 315 | 1494 | 655 |
| V/C Ratio(X) | 0.57 | 0.35 | 0.37 | 0.81 | 0.82 | 0.82 | 0.75 | 0.43 | 0.57 | 0.78 | 0.54 | 0.25 |
| Avail Cap(c_a), veh/h | 369 | 1102 | 612 | 721 | 732 | 695 | 369 | 1464 | 855 | 369 | 1494 | 655 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 46.7 | 34.9 | 29.3 | 42.1 | 33.7 | 33.7 | 44.9 | 21.4 | 15.4 | 44.5 | 22.1 | 19.1 |
| Incr Delay (d2), s/veh | 3.2 | 0.3 | 0.5 | 3.9 | 4.7 | 5.0 | 6.4 | 0.9 | 2.7 | 8.9 | 1.4 | 0.9 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 1.2 | 2.5 | 3.1 | 4.6 | 9.5 | 9.1 | 2.8 | 5.1 | 7.3 | 3.3 | 6.9 | 2.5 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 49.8 | 35.2 | 29.9 | 46.0 | 38.3 | 38.7 | 51.2 | 22.3 | 18.1 | 53.3 | 23.5 | 20.0 |
| LnGrp LOS | D | D | C | D | D | D | D | C | B | D | C | C |
| Approach Vol, veh/h | | 494 | | | 1176 | | | 1330 | | | 1212 | |
| Approach Delay, s/veh | | 36.2 | | | 40.9 | | | 25.5 | | | 29.1 | |
| Approach LOS | | D | | | D | | | C | | | C | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 13.5 | 45.0 | 17.7 | 23.7 | 12.7 | 45.8 | 9.1 | 32.3 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 8.8 | 22.4 | 12.4 | 10.2 | 8.0 | 18.8 | 4.6 | 23.3 |
| Green Ext Time (p_c), s | 0.1 | 5.5 | 0.8 | 1.9 | 0.2 | 5.7 | 0.1 | 4.5 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 32.1 |
| HCM 6th LOS | C |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 39.3 |
| Intersection LOS | E |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 395 | 0 | 0 | 11 | 585 | 25 | 286 | 8 | 0 | 0 | 16 | 183 |
| Future Vol, veh/h | 395 | 0 | 0 | 11 | 585 | 25 | 286 | 8 | 0 | 0 | 16 | 183 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 416 | 0 | 0 | 12 | 616 | 26 | 301 | 8 | 0 | 0 | 17 | 193 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 72.3 | 29.3 | 30.3 | 18.6 |
| HCM LOS | F | D | D | C |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 97% | 100% | 0% | 4% | 0% | 0% |
| Vol Thru, % | 3% | 0% | 100% | 96% | 92% | 8% |
| Vol Right, % | 0% | 0% | 0% | 0% | 8% | 92% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 294 | 395 | 0 | 304 | 318 | 199 |
| LT Vol | 286 | 395 | 0 | 11 | 0 | 0 |
| Through Vol | 8 | 0 | 0 | 293 | 293 | 16 |
| RT Vol | 0 | 0 | 0 | 0 | 25 | 183 |
| Lane Flow Rate | 309 | 416 | 0 | 319 | 334 | 209 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.72 | 0.994 | 0 | 0.712 | 0.738 | 0.477 |
| Departure Headway (Hd) | 8.372 | 8.604 | 8.086 | 8.025 | 7.949 | 8.2 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 430 | 420 | 0 | 447 | 455 | 438 |
| Service Time | 6.447 | 6.373 | 5.854 | 5.807 | 5.731 | 6.292 |
| HCM Lane V/C Ratio | 0.719 | 0.99 | 0 | 0.714 | 0.734 | 0.477 |
| HCM Control Delay | 30.3 | 72.3 | 10.9 | 28.4 | 30.2 | 18.6 |
| HCM Lane LOS | D | F | N | D | D | C |
| HCM 95th-tile Q | 5.6 | 12.3 | 0 | 5.5 | 6 | 2.5 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.6 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 191 | 248 | 113 | 19 | 5 | 75 |
| Future Vol, veh/h | 191 | 248 | 113 | 19 | 5 | 75 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 81 | 81 | 81 | 81 | 81 | 81 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 236 | 306 | 140 | 23 | 6 | 93 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 163 | 0 | - | 0 | 918 | 140 |
| Stage 1 | - | - | - | - | 140 | - |
| Stage 2 | - | - | - | - | 778 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1428 | - | - | - | 304 | 913 |
| Stage 1 | - | - | - | - | 892 | - |
| Stage 2 | - | - | - | - | 456 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1428 | - | - | - | 254 | 913 |
| Mov Cap-2 Maneuver | - | - | - | - | 254 | - |
| Stage 1 | - | - | - | - | 745 | - |
| Stage 2 | - | - | - | - | 456 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 3.5 | 0 | 10.2 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1428 | - | - | - | 786 |
| HCM Lane V/C Ratio | 0.165 | - | - | - | 0.126 |
| HCM Control Delay (s) | 8 | - | - | - | 10.2 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.6 | - | - | - | 0.4 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 1.9 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 60 | 174 | 111 | 49 | 9 | 25 |
| Future Vol, veh/h | 60 | 174 | 111 | 49 | 9 | 25 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 79 | 79 | 79 | 79 | 79 | 79 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 76 | 220 | 141 | 62 | 11 | 32 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 203 | 0 | - | 0 | 513 | 141 |
| Stage 1 | - | - | - | - | 141 | - |
| Stage 2 | - | - | - | - | 372 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1381 | - | - | - | 525 | 912 |
| Stage 1 | - | - | - | - | 891 | - |
| Stage 2 | - | - | - | - | 702 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1381 | - | - | - | 496 | 912 |
| Mov Cap-2 Maneuver | - | - | - | - | 496 | - |
| Stage 1 | - | - | - | - | 842 | - |
| Stage 2 | - | - | - | - | 702 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 2 | 0 | 10.1 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1381 | - | - | - | 746 |
| HCM Lane V/C Ratio | 0.055 | - | - | - | 0.058 |
| HCM Control Delay (s) | 7.8 | - | - | - | 10.1 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.2 | - | - | - | 0.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.9 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 103 | 78 | 147 | 18 | 4 | 22 |
| Future Vol, veh/h | 103 | 78 | 147 | 18 | 4 | 22 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 132 | 100 | 188 | 23 | 5 | 28 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 211 | 0 | - | 0 | 564 | 200 |
| Stage 1 | - | - | - | - | 200 | - |
| Stage 2 | - | - | - | - | 364 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1372 | - | - | - | 490 | 846 |
| Stage 1 | - | - | - | - | 838 | - |
| Stage 2 | - | - | - | - | 707 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1372 | - | - | - | 440 | 846 |
| Mov Cap-2 Maneuver | - | - | - | - | 440 | - |
| Stage 1 | - | - | - | - | 753 | - |
| Stage 2 | - | - | - | - | 707 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 4.5 | 0 | 10.1 |
| HCM LOS | | | B |

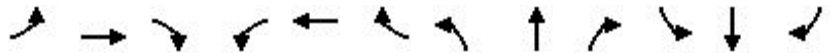
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1372 | - | - | - | 741 |
| HCM Lane V/C Ratio | 0.096 | - | - | - | 0.045 |
| HCM Control Delay (s) | 7.9 | 0 | - | - | 10.1 |
| HCM Lane LOS | A | A | - | - | B |
| HCM 95th %tile Q(veh) | 0.3 | - | - | - | 0.1 |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 475 | 505 | 0 | 1378 | 560 | 0 |
| Future Volume (veh/h) | 475 | 505 | 0 | 1378 | 560 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 490 | 521 | 0 | 1421 | 577 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| Arrive On Green | 0.34 | 0.34 | 0.00 | 0.43 | 0.86 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 490 | 521 | 0 | 1421 | 577 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 13.4 | 17.3 | 0.0 | 20.4 | 1.8 | 0.0 |
| Cycle Q Clear(g_c), s | 13.4 | 17.3 | 0.0 | 20.4 | 1.8 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| V/C Ratio(X) | 0.79 | 0.94 | 0.00 | 0.92 | 0.37 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.76 | 0.00 |
| Uniform Delay (d), s/veh | 16.2 | 17.5 | 0.0 | 14.8 | 2.4 | 0.0 |
| Incr Delay (d2), s/veh | 6.7 | 24.6 | 0.0 | 10.1 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 5.5 | 8.7 | 0.0 | 8.2 | 0.5 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 23.0 | 42.1 | 0.0 | 24.9 | 2.9 | 0.0 |
| LnGrp LOS | C | D | A | C | A | A |
| Approach Vol, veh/h | 1011 | | | 1421 | 577 | |
| Approach Delay, s/veh | 32.8 | | | 24.9 | 2.9 | |
| Approach LOS | C | | | C | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 30.0 | | 25.0 | | 30.0 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 22.4 | | 19.3 | | 3.8 |
| Green Ext Time (p_c), s | | 1.0 | | 0.0 | | 3.4 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | 23.4 | |
| HCM 6th LOS | C | |



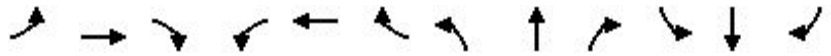
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 1463 | 146 | 592 | 561 | 383 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 1463 | 146 | 592 | 561 | 383 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.97 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 237 | 1493 | 149 | 604 | 572 | 391 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1377 | 2057 | 622 | 1346 | 786 | 537 |
| Arrive On Green | | | | | | | 0.78 | 0.79 | 0.79 | 0.38 | 0.39 | 0.39 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1569 | 3510 | 2027 | 1385 |
| Grp Volume(v), veh/h | | | | | | | 237 | 1493 | 149 | 604 | 509 | 454 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1569 | 1755 | 1805 | 1607 |
| Q Serve(g_s), s | | | | | | | 0.9 | 7.7 | 1.3 | 7.0 | 13.2 | 13.2 |
| Cycle Q Clear(g_c), s | | | | | | | 0.9 | 7.7 | 1.3 | 7.0 | 13.2 | 13.2 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.86 |
| Lane Grp Cap(c), veh/h | | | | | | | 1377 | 2057 | 622 | 1346 | 700 | 623 |
| V/C Ratio(X) | | | | | | | 0.17 | 0.73 | 0.24 | 0.45 | 0.73 | 0.73 |
| Avail Cap(c_a), veh/h | | | | | | | 1377 | 3169 | 958 | 1346 | 1103 | 982 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.38 | 0.38 | 0.38 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 3.7 | 4.2 | 3.6 | 12.6 | 14.4 | 14.4 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.9 | 0.3 | 0.1 | 6.5 | 7.3 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.2 | 1.2 | 0.4 | 2.2 | 5.4 | 4.9 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 3.7 | 5.1 | 3.9 | 12.7 | 20.9 | 21.7 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1879 | | | 1567 | |
| Approach Delay, s/veh | | | | | | | | 4.8 | | | 18.0 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 26.8 | 28.2 | | 27.3 | 27.7 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 9.0 | 9.7 | | 2.9 | 15.2 |
| Green Ext Time (p_c), s | 0.0 | 11.8 | | 0.2 | 5.7 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 10.8 |
| HCM 6th LOS | B |

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 218 | 659 | 325 | 551 | 564 | 157 | 199 | 801 | 433 | 154 | 624 | 139 |
| Future Volume (veh/h) | 218 | 659 | 325 | 551 | 564 | 157 | 199 | 801 | 433 | 154 | 624 | 139 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 229 | 694 | 342 | 580 | 594 | 165 | 209 | 843 | 456 | 162 | 657 | 146 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 289 | 849 | 494 | 627 | 921 | 255 | 269 | 1321 | 866 | 223 | 1274 | 559 |
| Arrive On Green | 0.08 | 0.24 | 0.24 | 0.18 | 0.33 | 0.33 | 0.08 | 0.37 | 0.37 | 0.06 | 0.35 | 0.35 |
| Sat Flow, veh/h | 3510 | 3610 | 1575 | 3510 | 2780 | 770 | 3510 | 3610 | 1581 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 229 | 694 | 342 | 580 | 385 | 374 | 209 | 843 | 456 | 162 | 657 | 146 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1575 | 1755 | 1805 | 1745 | 1755 | 1805 | 1581 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 7.4 | 20.9 | 21.9 | 18.7 | 20.8 | 20.9 | 6.7 | 22.2 | 21.2 | 5.2 | 16.5 | 7.5 |
| Cycle Q Clear(g_c), s | 7.4 | 20.9 | 21.9 | 18.7 | 20.8 | 20.9 | 6.7 | 22.2 | 21.2 | 5.2 | 16.5 | 7.5 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.44 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 289 | 849 | 494 | 627 | 598 | 578 | 269 | 1321 | 866 | 223 | 1274 | 559 |
| V/C Ratio(X) | 0.79 | 0.82 | 0.69 | 0.93 | 0.64 | 0.65 | 0.78 | 0.64 | 0.53 | 0.73 | 0.52 | 0.26 |
| Avail Cap(c_a), veh/h | 321 | 959 | 542 | 627 | 637 | 616 | 321 | 1321 | 866 | 321 | 1274 | 559 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 51.7 | 41.6 | 34.7 | 46.4 | 32.6 | 32.6 | 52.0 | 30.1 | 16.7 | 52.8 | 29.4 | 26.5 |
| Incr Delay (d2), s/veh | 11.7 | 5.1 | 3.4 | 19.8 | 2.0 | 2.2 | 9.5 | 2.4 | 2.3 | 4.6 | 1.5 | 1.1 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 3.6 | 9.6 | 8.6 | 9.7 | 9.1 | 8.9 | 3.2 | 9.6 | 7.7 | 2.4 | 7.1 | 3.0 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 63.5 | 46.7 | 38.1 | 66.1 | 34.7 | 34.8 | 61.6 | 32.5 | 19.0 | 57.4 | 30.9 | 27.6 |
| LnGrp LOS | E | D | D | E | C | C | E | C | B | E | C | C |
| Approach Vol, veh/h | | 1265 | | | 1339 | | | 1508 | | | 965 | |
| Approach Delay, s/veh | | 47.4 | | | 48.3 | | | 32.4 | | | 34.8 | |
| Approach LOS | | D | | | D | | | C | | | C | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 11.8 | 46.5 | 25.0 | 31.5 | 13.3 | 45.0 | 13.9 | 42.5 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 7.2 | 24.2 | 20.7 | 23.9 | 8.7 | 18.5 | 9.4 | 22.9 |
| Green Ext Time (p_c), s | 0.1 | 6.5 | 0.0 | 3.1 | 0.1 | 4.6 | 0.1 | 4.2 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 40.8 |
| HCM 6th LOS | D |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 45 |
| Intersection LOS | E |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 165 | 0 | 0 | 4 | 370 | 14 | 285 | 7 | 0 | 0 | 30 | 538 |
| Future Vol, veh/h | 165 | 0 | 0 | 4 | 370 | 14 | 285 | 7 | 0 | 0 | 30 | 538 |
| Peak Hour Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 176 | 0 | 0 | 4 | 394 | 15 | 303 | 7 | 0 | 0 | 32 | 572 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 19 | 17.6 | 24.5 | 81.9 |
| HCM LOS | C | C | C | F |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 98% | 100% | 0% | 2% | 0% | 0% |
| Vol Thru, % | 2% | 0% | 100% | 98% | 93% | 5% |
| Vol Right, % | 0% | 0% | 0% | 0% | 7% | 95% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 292 | 165 | 0 | 189 | 199 | 568 |
| LT Vol | 285 | 165 | 0 | 4 | 0 | 0 |
| Through Vol | 7 | 0 | 0 | 185 | 185 | 30 |
| RT Vol | 0 | 0 | 0 | 0 | 14 | 538 |
| Lane Flow Rate | 311 | 176 | 0 | 201 | 212 | 604 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.655 | 0.433 | 0 | 0.445 | 0.465 | 1.067 |
| Departure Headway (Hd) | 7.851 | 9.321 | 8.798 | 8.251 | 8.189 | 6.356 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 463 | 390 | 0 | 440 | 442 | 574 |
| Service Time | 5.851 | 7.021 | 6.498 | 5.951 | 5.889 | 4.39 |
| HCM Lane V/C Ratio | 0.672 | 0.451 | 0 | 0.457 | 0.48 | 1.052 |
| HCM Control Delay | 24.5 | 19 | 11.5 | 17.4 | 17.8 | 81.9 |
| HCM Lane LOS | C | C | N | C | C | F |
| HCM 95th-tile Q | 4.6 | 2.1 | 0 | 2.2 | 2.4 | 17.6 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.3 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 18 | 141 | 467 | 3 | 17 | 136 |
| Future Vol, veh/h | 18 | 141 | 467 | 3 | 17 | 136 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 21 | 168 | 556 | 4 | 20 | 162 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 560 | 0 | - | 0 | 766 | 556 |
| Stage 1 | - | - | - | - | 556 | - |
| Stage 2 | - | - | - | - | 210 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1021 | - | - | - | 374 | 534 |
| Stage 1 | - | - | - | - | 578 | - |
| Stage 2 | - | - | - | - | 830 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1021 | - | - | - | 366 | 534 |
| Mov Cap-2 Maneuver | - | - | - | - | 366 | - |
| Stage 1 | - | - | - | - | 566 | - |
| Stage 2 | - | - | - | - | 830 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1 | 0 | 16 |
| HCM LOS | | | C |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1021 | - | - | - | 508 |
| HCM Lane V/C Ratio | 0.021 | - | - | - | 0.359 |
| HCM Control Delay (s) | 8.6 | - | - | - | 16 |
| HCM Lane LOS | A | - | - | - | C |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.6 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.5 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 140 | 401 | 20 | 46 | 59 |
| Future Vol, veh/h | 26 | 140 | 401 | 20 | 46 | 59 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 30 | 161 | 461 | 23 | 53 | 68 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 486 | 0 | - | 0 | 684 | 463 |
| Stage 1 | - | - | - | - | 463 | - |
| Stage 2 | - | - | - | - | 221 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1087 | - | - | - | 417 | 603 |
| Stage 1 | - | - | - | - | 638 | - |
| Stage 2 | - | - | - | - | 821 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1085 | - | - | - | 404 | 602 |
| Mov Cap-2 Maneuver | - | - | - | - | 404 | - |
| Stage 1 | - | - | - | - | 619 | - |
| Stage 2 | - | - | - | - | 819 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.3 | 0 | 14.6 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1085 | - | - | - | 496 |
| HCM Lane V/C Ratio | 0.028 | - | - | - | 0.243 |
| HCM Control Delay (s) | 8.4 | - | - | - | 14.6 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 0.9 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.8 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 161 | 327 | 5 | 18 | 98 |
| Future Vol, veh/h | 26 | 161 | 327 | 5 | 18 | 98 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 33 | 206 | 419 | 6 | 23 | 126 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 426 | 0 | - | 0 | 695 | 423 |
| Stage 1 | - | - | - | - | 423 | - |
| Stage 2 | - | - | - | - | 272 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1144 | - | - | - | 411 | 635 |
| Stage 1 | - | - | - | - | 665 | - |
| Stage 2 | - | - | - | - | 778 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1143 | - | - | - | 397 | 634 |
| Mov Cap-2 Maneuver | - | - | - | - | 397 | - |
| Stage 1 | - | - | - | - | 642 | - |
| Stage 2 | - | - | - | - | 777 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.1 | 0 | 13.3 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1143 | - | - | - | 580 |
| HCM Lane V/C Ratio | 0.029 | - | - | - | 0.256 |
| HCM Control Delay (s) | 8.2 | 0 | - | - | 13.3 |
| HCM Lane LOS | A | A | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1 |

# Appendix F
Cumulative Projects Information

| | | Southwest Signal Building | | | | Lantern Crest Ridge II | | | | Habitat for Humanity Townhomes | | | | Santee Auto Center | | | | Popeyes | | | | Super Star Car Wash | | | | Extra Space Storage | | | | Hillside Meadows/Parkside | | | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | % Distributed | | AM | PM | % Distributed | | AM | PM | % Distributed | | AM | PM | % Distributed | | AM | PM | % Distributed | | AM | PM | % Distributed | | AM | PM | % Distributed | | AM | PM | % Distributed | | AM | PM | AM | PM |
| | Movement | In | Out | | | In | Out | | | In | Out | | | In | Out | | | In | Out | | | In | Out | | | In | Out | | | In | Out | | | | |
| Magnolia Avenue/SR-52 eastbound off-ramp | NBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | NBT | | | 0 | 0 | | 40% | 1 | 2 | | | 0 | 0 | | | 0 | 0 | 10% | | 7 | 3 | 20% | | 4 | 8 | 5% | | 0 | 0 | 5% | | 3 | 5 | 15 | 18 |
| | NBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBT | | | 0 | 0 | 20% | | 1 | 1 | | | 0 | 0 | | | 0 | 0 | | 10% | 4 | 3 | | 20% | 4 | 8 | | 5% | 0 | 0 | | 5% | 4 | 3 | 13 | 15 |
| | SBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBL | 40% | | 4 | 2 | | | 0 | 0 | 50% | | 1 | 5 | 10% | | 14 | 11 | | | 0 | 0 | | | 0 | 0 | 25% | | 2 | 2 | 10% | | 5 | 11 | 26 | 31 |
| | EBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBR | | | 0 | 0 | 20% | | 1 | 1 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 1 | 1 |
| | WBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| Magnolia Avenue/SR-52 WB on-ramp - SR-67 SB on-ramp | NBL | | | 0 | 0 | | 20% | 0 | 1 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 1 |
| | NBT | 40% | | 4 | 2 | | 20% | 0 | 1 | 50% | | 1 | 5 | 10% | | 14 | 11 | 10% | | 7 | 3 | 20% | | 4 | 8 | 30% | | 2 | 2 | 15% | | 8 | 16 | 40 | 48 |
| | NBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBT | | | 0 | 0 | 20% | | 1 | 1 | | | 0 | 0 | | | 0 | 0 | | 10% | 4 | 3 | | 20% | 4 | 8 | | 5% | 0 | 0 | | 5% | 4 | 3 | 13 | 15 |
| | SBR | | 40% | 2 | 4 | | | 0 | 0 | | 50% | 5 | 2 | | 10% | 6 | 14 | | | 0 | 0 | | | 0 | 0 | | 25% | 1 | 2 | | 10% | 9 | 6 | 23 | 28 |
| | EBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| Magnolia Avenue-Mission Gorge Road/Woodside Avenue | NBL | | | 0 | 0 | | 10% | 0 | 1 | 50% | | 1 | 5 | 10% | | 14 | 11 | 10% | | 7 | 3 | | 30% | 5 | 12 | | | 0 | 0 | | | 0 | 0 | 27 | 32 |
| | NBT | | 50% | 2 | 5 | | 10% | 0 | 1 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | 50% | 9 | 20 | | | 0 | 0 | 15% | | 8 | 16 | 19 | 42 |
| | NBR | | 10% | 0 | 1 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 30% | | 2 | 2 | | | 0 | 0 | 2 | 3 |
| | SBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 25% | | 2 | 2 | | 3% | 3 | 2 | 5 | 4 |
| | SBT | 50% | | 5 | 3 | 10% | | 0 | 1 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 50% | | 9 | 21 | | | 0 | 0 | | 15% | 13 | 8 | 27 | 33 |
| | SBR | | | 0 | 0 | | | 0 | 0 | 10% | | 0 | 1 | 10% | | 14 | 11 | 10% | | 7 | 3 | | | 0 | 0 | | | 0 | 0 | | 12% | 10 | 7 | 31 | 22 |
| | EBL | | | 0 | 0 | | | 0 | 0 | | 10% | 1 | 0 | | 10% | 6 | 14 | | 10% | 4 | 3 | | | 0 | 0 | | | 0 | 0 | 12% | | 6 | 13 | 17 | 30 |
| | EBT | | | 0 | 0 | | | 0 | 0 | | 10% | 1 | 0 | | 10% | 6 | 14 | | 10% | 4 | 3 | | | 0 | 0 | 25% | | 2 | 2 | | | 0 | 0 | 13 | 19 |
| | EBR | | | 0 | 0 | 10% | | 0 | 1 | | 50% | 5 | 2 | | 10% | 6 | 14 | | 10% | 4 | 3 | 30% | | 5 | 12 | | | 0 | 0 | | | 0 | 0 | 20 | 32 |
| | WBL | 10% | | 1 | 1 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | 30% | 2 | 2 | | | 0 | 0 | 3 | 3 |
| | WBT | | | 0 | 0 | | | 0 | 0 | 10% | | 0 | 1 | 10% | | 14 | 11 | 10% | | 7 | 3 | | | 0 | 0 | | 25% | 1 | 2 | | | 0 | 0 | 22 | 17 |
| | WBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | 25% | 1 | 2 | 3% | | 2 | 3 | 3 | 5 |
| N. Woodside Ave/Woodside Ave – SR 67 SB off-ramp | NBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 10% | | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | NBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | NBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBR | 10% | | 1 | 1 | | | 0 | 0 | 10% | | 0 | 1 | 10% | | 14 | 11 | 10% | | 7 | 3 | | | 0 | 0 | 10% | | 1 | 1 | | 1% | 1 | 1 | 24 | 18 |
| | EBL | | 10% | 0 | 1 | | | 0 | 0 | | 10% | 1 | 0 | | 10% | 6 | 14 | | 10% | 4 | 3 | | | 0 | 0 | | 10% | 1 | 1 | 1% | | 1 | 1 | 13 | 20 |
| | EBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | 10% | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | WBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| Hartley Road/N. Woodside Avenue | NBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | NBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | 10% | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | NBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 10% | | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | SBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBT | | 10% | 0 | 1 | | | 0 | 0 | | 10% | 1 | 0 | | 10% | 6 | 14 | | 10% | 4 | 3 | | | 0 | 0 | | | 0 | 0 | 3% | | 2 | 3 | 13 | 21 |
| | EBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBT | 10% | | 1 | 1 | | | 0 | 0 | 10% | | 0 | 1 | 10% | | 14 | 11 | 10% | | 7 | 3 | | | 0 | 0 | | | 0 | 0 | | 3% | 3 | 2 | 25 | 18 |
| | WBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| Wheatlands Avenue/N. Woodside Avenue | NBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | NBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | 10% | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | NBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 10% | | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | SBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBT | | 10% | 0 | 1 | | | 0 | 0 | | 10% | 1 | 0 | | 10% | 6 | 14 | | 10% | 4 | 3 | | | 0 | 0 | | | 0 | 0 | 3% | | 2 | 3 | 13 | 21 |
| | EBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBT | 10% | | 1 | 1 | | | 0 | 0 | 10% | | 0 | 1 | 10% | | 14 | 11 | 10% | | 7 | 3 | | | 0 | 0 | | | 0 | 0 | | 3% | 3 | 2 | 25 | 18 |
| | WBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| Project Access Roadway/N. Woodside Avenue | NBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | NBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | 10% | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | NBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | SBT | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 10% | | 1 | 1 | | | 0 | 0 | 1 | 1 |
| | SBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | EBT | | 10% | 0 | 1 | | | 0 | 0 | | 10% | 1 | 0 | | 10% | 6 | 14 | | 10% | 4 | 3 | | | 0 | 0 | | | 0 | 0 | 3% | | 2 | 3 | 13 | 21 |
| | EBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBL | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |
| | WBT | 10% | | 1 | 1 | | | 0 | 0 | 10% | | 0 | 1 | 10% | | 14 | 11 | 10% | | 7 | 3 | | | 0 | 0 | | | 0 | 0 | | 3% | 3 | 2 | 25 | 18 |
| | WBR | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 0 | 0 |

# Appendix G

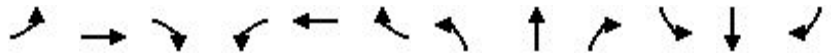
Intersection LOS Worksheets – Near Term Conditions



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 443 | 442 | 0 | 1301 | 519 | 0 |
| Future Volume (veh/h) | 443 | 442 | 0 | 1301 | 519 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 466 | 465 | 0 | 1369 | 546 | 0 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 586 | 522 | 0 | 1620 | 1620 | 0 |
| Arrive On Green | 0.32 | 0.32 | 0.00 | 0.45 | 0.15 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 466 | 465 | 0 | 1369 | 546 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 12.9 | 15.1 | 0.0 | 18.5 | 7.5 | 0.0 |
| Cycle Q Clear(g_c), s | 12.9 | 15.1 | 0.0 | 18.5 | 7.5 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 586 | 522 | 0 | 1620 | 1620 | 0 |
| V/C Ratio(X) | 0.79 | 0.89 | 0.00 | 0.84 | 0.34 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1620 | 1620 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 0.33 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.85 | 0.00 |
| Uniform Delay (d), s/veh | 16.9 | 17.7 | 0.0 | 13.5 | 16.1 | 0.0 |
| Incr Delay (d2), s/veh | 6.7 | 16.0 | 0.0 | 5.6 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 5.3 | 6.7 | 0.0 | 6.6 | 2.8 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 23.7 | 33.7 | 0.0 | 19.1 | 16.6 | 0.0 |
| LnGrp LOS | C | C | A | B | B | A |
| Approach Vol, veh/h | 931 | | | 1369 | 546 | |
| Approach Delay, s/veh | 28.7 | | | 19.1 | 16.6 | |
| Approach LOS | C | | | B | B | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 31.1 | | 23.9 | | 31.1 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 20.5 | | 17.1 | | 9.5 |
| Green Ext Time (p_c), s | | 2.3 | | 0.7 | | 2.8 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 21.7 |
| HCM 6th LOS | C |



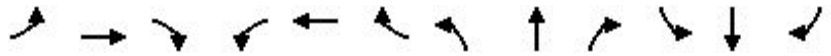
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1307 | 139 | 521 | 523 | 278 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1307 | 139 | 521 | 523 | 278 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.97 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 301 | 1347 | 143 | 537 | 539 | 287 |
| Peak Hour Factor | | | | | | | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1542 | 1928 | 583 | 1434 | 768 | 408 |
| Arrive On Green | | | | | | | 0.88 | 0.74 | 0.74 | 0.41 | 0.34 | 0.34 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1568 | 3510 | 2254 | 1197 |
| Grp Volume(v), veh/h | | | | | | | 301 | 1347 | 143 | 537 | 431 | 395 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1568 | 1755 | 1805 | 1646 |
| Q Serve(g_s), s | | | | | | | 0.7 | 7.6 | 1.6 | 5.9 | 11.4 | 11.4 |
| Cycle Q Clear(g_c), s | | | | | | | 0.7 | 7.6 | 1.6 | 5.9 | 11.4 | 11.4 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.73 |
| Lane Grp Cap(c), veh/h | | | | | | | 1542 | 1928 | 583 | 1434 | 615 | 561 |
| V/C Ratio(X) | | | | | | | 0.20 | 0.70 | 0.25 | 0.37 | 0.70 | 0.70 |
| Avail Cap(c_a), veh/h | | | | | | | 1542 | 3169 | 958 | 1434 | 1103 | 1005 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.45 | 0.45 | 0.45 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 1.9 | 5.4 | 4.6 | 11.4 | 15.7 | 15.7 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 1.0 | 0.5 | 0.1 | 6.6 | 7.2 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.2 | 1.4 | 0.4 | 1.7 | 4.8 | 4.5 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 1.9 | 6.4 | 5.1 | 11.4 | 22.3 | 22.9 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1791 | | | 1363 | |
| Approach Delay, s/veh | | | | | | | | 5.5 | | | 18.2 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 38.2 | 26.8 | | 29.9 | 25.1 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 17.4 | 9.6 | | 2.7 | 13.4 |
| Green Ext Time (p_c), s | 0.2 | 10.4 | | 0.3 | 4.9 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 11.0 |
| HCM 6th LOS | B |

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 108 | 234 | 177 | 356 | 596 | 205 | 239 | 634 | 405 | 231 | 816 | 189 |
| Future Volume (veh/h) | 108 | 234 | 177 | 356 | 596 | 205 | 239 | 634 | 405 | 231 | 816 | 189 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 110 | 239 | 181 | 363 | 608 | 209 | 244 | 647 | 413 | 236 | 833 | 193 |
| Peak Hour Factor | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 173 | 733 | 462 | 451 | 740 | 254 | 313 | 1456 | 845 | 305 | 1448 | 636 |
| Arrive On Green | 0.05 | 0.20 | 0.20 | 0.13 | 0.28 | 0.28 | 0.09 | 0.40 | 0.40 | 0.09 | 0.40 | 0.40 |
| Sat Flow, veh/h | 3510 | 3610 | 1572 | 3510 | 2623 | 900 | 3510 | 3610 | 1582 | 3510 | 3610 | 1584 |
| Grp Volume(v), veh/h | 110 | 239 | 181 | 363 | 418 | 399 | 244 | 647 | 413 | 236 | 833 | 193 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1572 | 1755 | 1805 | 1718 | 1755 | 1805 | 1582 | 1755 | 1805 | 1584 |
| Q Serve(g_s), s | 3.1 | 5.7 | 9.3 | 10.1 | 21.8 | 21.9 | 6.9 | 13.2 | 16.7 | 6.6 | 18.1 | 8.4 |
| Cycle Q Clear(g_c), s | 3.1 | 5.7 | 9.3 | 10.1 | 21.8 | 21.9 | 6.9 | 13.2 | 16.7 | 6.6 | 18.1 | 8.4 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.52 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 173 | 733 | 462 | 451 | 509 | 484 | 313 | 1456 | 845 | 305 | 1448 | 636 |
| V/C Ratio(X) | 0.63 | 0.33 | 0.39 | 0.80 | 0.82 | 0.82 | 0.78 | 0.44 | 0.49 | 0.77 | 0.58 | 0.30 |
| Avail Cap(c_a), veh/h | 365 | 1091 | 618 | 713 | 724 | 689 | 365 | 1456 | 845 | 365 | 1448 | 636 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 47.1 | 34.3 | 28.6 | 42.8 | 33.9 | 33.9 | 45.0 | 21.9 | 15.0 | 45.1 | 23.5 | 20.6 |
| Incr Delay (d2), s/veh | 3.8 | 0.3 | 0.5 | 3.6 | 5.2 | 5.5 | 9.0 | 1.0 | 2.0 | 8.3 | 1.7 | 1.2 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 1.4 | 2.5 | 3.4 | 4.5 | 9.9 | 9.4 | 3.3 | 5.4 | 5.9 | 3.1 | 7.5 | 3.2 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 50.9 | 34.6 | 29.1 | 46.4 | 39.0 | 39.4 | 54.0 | 22.9 | 17.0 | 53.4 | 25.2 | 21.8 |
| LnGrp LOS | D | C | C | D | D | D | D | C | B | D | C | C |
| Approach Vol, veh/h | | 530 | | | 1180 | | | 1304 | | | 1262 | |
| Approach Delay, s/veh | | 36.1 | | | 41.4 | | | 26.8 | | | 30.0 | |
| Approach LOS | | D | | | D | | | C | | | C | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 13.3 | 45.2 | 17.5 | 25.0 | 13.5 | 45.0 | 9.5 | 33.0 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 8.8 | 18.7 | 12.1 | 11.3 | 8.9 | 20.1 | 5.1 | 23.9 |
| Green Ext Time (p_c), s | 0.1 | 5.6 | 0.8 | 1.9 | 0.1 | 6.0 | 0.1 | 4.6 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 32.9 |
| HCM 6th LOS | C |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 25.3 |
| Intersection LOS | D |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 305 | 0 | 0 | 11 | 585 | 25 | 287 | 8 | 0 | 0 | 16 | 185 |
| Future Vol, veh/h | 305 | 0 | 0 | 11 | 585 | 25 | 287 | 8 | 0 | 0 | 16 | 185 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 321 | 0 | 0 | 12 | 616 | 26 | 302 | 8 | 0 | 0 | 17 | 195 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 32.2 | 24.7 | 25.4 | 16.4 |
| HCM LOS | D | C | D | C |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 97% | 100% | 0% | 4% | 0% | 0% |
| Vol Thru, % | 3% | 0% | 100% | 96% | 92% | 8% |
| Vol Right, % | 0% | 0% | 0% | 0% | 8% | 92% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 295 | 305 | 0 | 304 | 318 | 201 |
| LT Vol | 287 | 305 | 0 | 11 | 0 | 0 |
| Through Vol | 8 | 0 | 0 | 293 | 293 | 16 |
| RT Vol | 0 | 0 | 0 | 0 | 25 | 185 |
| Lane Flow Rate | 311 | 321 | 0 | 319 | 334 | 212 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.671 | 0.748 | 0 | 0.666 | 0.69 | 0.441 |
| Departure Headway (Hd) | 7.779 | 8.386 | 7.869 | 7.507 | 7.432 | 7.504 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 466 | 430 | 0 | 482 | 485 | 480 |
| Service Time | 5.826 | 6.133 | 5.616 | 5.257 | 5.181 | 5.56 |
| HCM Lane V/C Ratio | 0.667 | 0.747 | 0 | 0.662 | 0.689 | 0.442 |
| HCM Control Delay | 25.4 | 32.2 | 10.6 | 24.1 | 25.2 | 16.4 |
| HCM Lane LOS | D | D | N | C | D | C |
| HCM 95th-tile Q | 4.9 | 6.1 | 0 | 4.8 | 5.2 | 2.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 4.2 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 191 | 158 | 116 | 19 | 5 | 75 |
| Future Vol, veh/h | 191 | 158 | 116 | 19 | 5 | 75 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 81 | 81 | 81 | 81 | 81 | 81 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 236 | 195 | 143 | 23 | 6 | 93 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 166 | 0 | - | 0 | 810 | 143 |
| Stage 1 | - | - | - | - | 143 | - |
| Stage 2 | - | - | - | - | 667 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1424 | - | - | - | 352 | 910 |
| Stage 1 | - | - | - | - | 889 | - |
| Stage 2 | - | - | - | - | 514 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1424 | - | - | - | 294 | 910 |
| Mov Cap-2 Maneuver | - | - | - | - | 294 | - |
| Stage 1 | - | - | - | - | 741 | - |
| Stage 2 | - | - | - | - | 514 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 4.4 | 0 | 10.1 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1424 | - | - | - | 805 |
| HCM Lane V/C Ratio | 0.166 | - | - | - | 0.123 |
| HCM Control Delay (s) | 8 | - | - | - | 10.1 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.6 | - | - | - | 0.4 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.3 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 60 | 84 | 114 | 49 | 9 | 25 |
| Future Vol, veh/h | 60 | 84 | 114 | 49 | 9 | 25 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 79 | 79 | 79 | 79 | 79 | 79 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 76 | 106 | 144 | 62 | 11 | 32 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 208 | 0 | - | 0 | 404 | 146 |
| Stage 1 | - | - | - | - | 146 | - |
| Stage 2 | - | - | - | - | 258 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1375 | - | - | - | 606 | 906 |
| Stage 1 | - | - | - | - | 886 | - |
| Stage 2 | - | - | - | - | 790 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1372 | - | - | - | 570 | 904 |
| Mov Cap-2 Maneuver | - | - | - | - | 570 | - |
| Stage 1 | - | - | - | - | 835 | - |
| Stage 2 | - | - | - | - | 788 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 3.2 | 0 | 9.9 |
| HCM LOS | | | A |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1372 | - | - | - | 783 |
| HCM Lane V/C Ratio | 0.055 | - | - | - | 0.055 |
| HCM Control Delay (s) | 7.8 | - | - | - | 9.9 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0.2 | - | - | - | 0.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 0 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 0 | 91 | 172 | 0 | 0 | 0 |
| Future Vol, veh/h | 0 | 91 | 172 | 0 | 0 | 0 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 0 | 117 | 221 | 0 | 0 | 0 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 222 | 0 | - | 0 | 339 | 222 |
| Stage 1 | - | - | - | - | 222 | - |
| Stage 2 | - | - | - | - | 117 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1359 | - | - | - | 661 | 823 |
| Stage 1 | - | - | - | - | 820 | - |
| Stage 2 | - | - | - | - | 913 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1358 | - | - | - | 660 | 822 |
| Mov Cap-2 Maneuver | - | - | - | - | 660 | - |
| Stage 1 | - | - | - | - | 819 | - |
| Stage 2 | - | - | - | - | 912 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0 | 0 | 0 |
| HCM LOS | | | A |

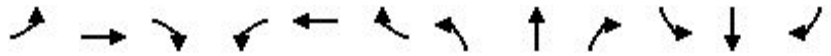
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1358 | - | - | - | - |
| HCM Lane V/C Ratio | - | - | - | - | - |
| HCM Control Delay (s) | 0 | - | - | - | 0 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0 | - | - | - | - |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 489 | 506 | 0 | 1395 | 572 | 0 |
| Future Volume (veh/h) | 489 | 506 | 0 | 1395 | 572 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 504 | 522 | 0 | 1438 | 590 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| Arrive On Green | 0.34 | 0.34 | 0.00 | 0.43 | 0.86 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 504 | 522 | 0 | 1438 | 590 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 13.9 | 17.3 | 0.0 | 20.8 | 1.9 | 0.0 |
| Cycle Q Clear(g_c), s | 13.9 | 17.3 | 0.0 | 20.8 | 1.9 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| V/C Ratio(X) | 0.81 | 0.94 | 0.00 | 0.93 | 0.38 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.77 | 0.00 |
| Uniform Delay (d), s/veh | 16.4 | 17.5 | 0.0 | 14.9 | 2.4 | 0.0 |
| Incr Delay (d2), s/veh | 8.0 | 25.0 | 0.0 | 11.2 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 5.9 | 8.8 | 0.0 | 8.6 | 0.5 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 24.4 | 42.5 | 0.0 | 26.1 | 2.9 | 0.0 |
| LnGrp LOS | C | D | A | C | A | A |
| Approach Vol, veh/h | 1026 | | | 1438 | 590 | |
| Approach Delay, s/veh | 33.6 | | | 26.1 | 2.9 | |
| Approach LOS | C | | | C | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 30.0 | | 25.0 | | 30.0 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 22.8 | | 19.3 | | 3.9 |
| Green Ext Time (p_c), s | | 0.7 | | 0.0 | | 3.5 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | 24.1 | |
| HCM 6th LOS | C | |



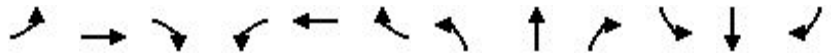
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 1493 | 146 | 592 | 573 | 345 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 1493 | 146 | 592 | 573 | 345 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.97 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 238 | 1523 | 149 | 604 | 585 | 352 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1412 | 2081 | 629 | 1329 | 810 | 487 |
| Arrive On Green | | | | | | | 0.80 | 0.80 | 0.80 | 0.38 | 0.38 | 0.38 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1569 | 3510 | 2143 | 1289 |
| Grp Volume(v), veh/h | | | | | | | 238 | 1523 | 149 | 604 | 493 | 444 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1569 | 1755 | 1805 | 1627 |
| Q Serve(g_s), s | | | | | | | 0.8 | 7.7 | 1.3 | 7.1 | 12.8 | 12.9 |
| Cycle Q Clear(g_c), s | | | | | | | 0.8 | 7.7 | 1.3 | 7.1 | 12.8 | 12.9 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.79 |
| Lane Grp Cap(c), veh/h | | | | | | | 1412 | 2081 | 629 | 1329 | 682 | 615 |
| V/C Ratio(X) | | | | | | | 0.17 | 0.73 | 0.24 | 0.45 | 0.72 | 0.72 |
| Avail Cap(c_a), veh/h | | | | | | | 1412 | 3169 | 958 | 1329 | 1103 | 994 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.35 | 0.35 | 0.35 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 3.3 | 4.0 | 3.4 | 12.8 | 14.6 | 14.6 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.8 | 0.3 | 0.1 | 6.5 | 7.2 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.2 | 1.2 | 0.3 | 2.2 | 5.3 | 4.9 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 3.3 | 4.8 | 3.7 | 12.9 | 21.2 | 21.8 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1910 | | | 1541 | |
| Approach Delay, s/veh | | | | | | | | 4.6 | | | 18.1 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 26.5 | 28.5 | | 27.8 | 27.2 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 9.1 | 9.7 | | 2.8 | 14.9 |
| Green Ext Time (p_c), s | 0.0 | 12.0 | | 0.2 | 5.5 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 10.6 |
| HCM 6th LOS | B |

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 248 | 674 | 357 | 485 | 567 | 148 | 231 | 843 | 418 | 154 | 657 | 161 |
| Future Volume (veh/h) | 248 | 674 | 357 | 485 | 567 | 148 | 231 | 843 | 418 | 154 | 657 | 161 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 261 | 709 | 376 | 511 | 597 | 156 | 243 | 887 | 440 | 162 | 692 | 169 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 317 | 889 | 526 | 574 | 901 | 235 | 301 | 1342 | 851 | 223 | 1261 | 553 |
| Arrive On Green | 0.09 | 0.25 | 0.25 | 0.16 | 0.32 | 0.32 | 0.09 | 0.37 | 0.37 | 0.06 | 0.35 | 0.35 |
| Sat Flow, veh/h | 3510 | 3610 | 1575 | 3510 | 2821 | 735 | 3510 | 3610 | 1582 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 261 | 709 | 376 | 511 | 381 | 372 | 243 | 887 | 440 | 162 | 692 | 169 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1575 | 1755 | 1805 | 1752 | 1755 | 1805 | 1582 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 8.5 | 21.4 | 24.3 | 16.5 | 21.1 | 21.2 | 7.9 | 23.7 | 20.8 | 5.3 | 17.9 | 9.0 |
| Cycle Q Clear(g_c), s | 8.5 | 21.4 | 24.3 | 16.5 | 21.1 | 21.2 | 7.9 | 23.7 | 20.8 | 5.3 | 17.9 | 9.0 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.42 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 317 | 889 | 526 | 574 | 576 | 559 | 301 | 1342 | 851 | 223 | 1261 | 553 |
| V/C Ratio(X) | 0.82 | 0.80 | 0.72 | 0.89 | 0.66 | 0.66 | 0.81 | 0.66 | 0.52 | 0.73 | 0.55 | 0.31 |
| Avail Cap(c_a), veh/h | 318 | 950 | 553 | 621 | 631 | 612 | 318 | 1342 | 851 | 318 | 1261 | 553 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 51.8 | 41.0 | 34.0 | 47.5 | 34.0 | 34.1 | 52.0 | 30.3 | 17.3 | 53.3 | 30.3 | 27.5 |
| Incr Delay (d2), s/veh | 15.8 | 4.6 | 4.2 | 14.3 | 2.3 | 2.4 | 13.7 | 2.6 | 2.2 | 4.8 | 1.7 | 1.4 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 4.4 | 9.8 | 9.6 | 8.2 | 9.3 | 9.1 | 3.9 | 10.3 | 7.6 | 2.4 | 7.7 | 3.5 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 67.6 | 45.6 | 38.1 | 61.8 | 36.3 | 36.5 | 65.7 | 32.9 | 19.6 | 58.1 | 32.1 | 28.9 |
| LnGrp LOS | E | D | D | E | D | D | E | C | B | E | C | C |
| Approach Vol, veh/h | | 1346 | | | 1264 | | | 1570 | | | 1023 | |
| Approach Delay, s/veh | | 47.8 | | | 46.7 | | | 34.3 | | | 35.7 | |
| Approach LOS | | D | | | D | | | C | | | D | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 11.8 | 47.6 | 23.4 | 33.0 | 14.4 | 45.0 | 15.0 | 41.5 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 7.3 | 25.7 | 18.5 | 26.3 | 9.9 | 19.9 | 10.5 | 23.2 |
| Green Ext Time (p_c), s | 0.1 | 6.4 | 0.4 | 2.3 | 0.1 | 4.8 | 0.0 | 4.2 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 41.0 |
| HCM 6th LOS | D |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 28.6 |
| Intersection LOS | D |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 159 | 0 | 0 | 4 | 370 | 14 | 286 | 7 | 0 | 0 | 30 | 458 |
| Future Vol, veh/h | 159 | 0 | 0 | 4 | 370 | 14 | 286 | 7 | 0 | 0 | 30 | 458 |
| Peak Hour Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 169 | 0 | 0 | 4 | 394 | 15 | 304 | 7 | 0 | 0 | 32 | 487 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 18 | 16.9 | 23.4 | 44.6 |
| HCM LOS | C | C | C | E |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 98% | 100% | 0% | 2% | 0% | 0% |
| Vol Thru, % | 2% | 0% | 100% | 98% | 93% | 6% |
| Vol Right, % | 0% | 0% | 0% | 0% | 7% | 94% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 293 | 159 | 0 | 189 | 199 | 488 |
| LT Vol | 286 | 159 | 0 | 4 | 0 | 0 |
| Through Vol | 7 | 0 | 0 | 185 | 185 | 30 |
| RT Vol | 0 | 0 | 0 | 0 | 14 | 458 |
| Lane Flow Rate | 312 | 169 | 0 | 201 | 212 | 519 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.648 | 0.419 | 0 | 0.439 | 0.459 | 0.914 |
| Departure Headway (Hd) | 7.481 | 8.908 | 8.388 | 7.859 | 7.798 | 6.339 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 480 | 403 | 0 | 456 | 462 | 576 |
| Service Time | 5.549 | 6.682 | 6.161 | 5.626 | 5.565 | 4.339 |
| HCM Lane V/C Ratio | 0.65 | 0.419 | 0 | 0.441 | 0.459 | 0.901 |
| HCM Control Delay | 23.4 | 18 | 11.2 | 16.7 | 17.1 | 44.6 |
| HCM Lane LOS | C | C | N | C | C | E |
| HCM 95th-tile Q | 4.5 | 2 | 0 | 2.2 | 2.4 | 11.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.3 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 18 | 136 | 387 | 3 | 17 | 136 |
| Future Vol, veh/h | 18 | 136 | 387 | 3 | 17 | 136 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 21 | 162 | 461 | 4 | 20 | 162 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 465 | 0 | - | 0 | 665 | 461 |
| Stage 1 | - | - | - | - | 461 | - |
| Stage 2 | - | - | - | - | 204 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1107 | - | - | - | 428 | 605 |
| Stage 1 | - | - | - | - | 639 | - |
| Stage 2 | - | - | - | - | 835 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1107 | - | - | - | 420 | 605 |
| Mov Cap-2 Maneuver | - | - | - | - | 420 | - |
| Stage 1 | - | - | - | - | 627 | - |
| Stage 2 | - | - | - | - | 835 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1 | 0 | 14.1 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1107 | - | - | - | 577 |
| HCM Lane V/C Ratio | 0.019 | - | - | - | 0.316 |
| HCM Control Delay (s) | 8.3 | - | - | - | 14.1 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.3 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.6 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 135 | 321 | 20 | 46 | 59 |
| Future Vol, veh/h | 26 | 135 | 321 | 20 | 46 | 59 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 30 | 155 | 369 | 23 | 53 | 68 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 394 | 0 | - | 0 | 586 | 371 |
| Stage 1 | - | - | - | - | 371 | - |
| Stage 2 | - | - | - | - | 215 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1176 | - | - | - | 476 | 679 |
| Stage 1 | - | - | - | - | 702 | - |
| Stage 2 | - | - | - | - | 826 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1174 | - | - | - | 462 | 678 |
| Mov Cap-2 Maneuver | - | - | - | - | 462 | - |
| Stage 1 | - | - | - | - | 682 | - |
| Stage 2 | - | - | - | - | 824 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.3 | 0 | 13.1 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1174 | - | - | - | 563 |
| HCM Lane V/C Ratio | 0.025 | - | - | - | 0.214 |
| HCM Control Delay (s) | 8.1 | - | - | - | 13.1 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 0.8 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 0 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 0 | 182 | 345 | 1 | 0 | 0 |
| Future Vol, veh/h | 0 | 182 | 345 | 1 | 0 | 0 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 0 | 233 | 442 | 1 | 0 | 0 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 444 | 0 | - | 0 | 677 | 444 |
| Stage 1 | - | - | - | - | 444 | - |
| Stage 2 | - | - | - | - | 233 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1127 | - | - | - | 421 | 618 |
| Stage 1 | - | - | - | - | 651 | - |
| Stage 2 | - | - | - | - | 810 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1126 | - | - | - | 420 | 617 |
| Mov Cap-2 Maneuver | - | - | - | - | 420 | - |
| Stage 1 | - | - | - | - | 650 | - |
| Stage 2 | - | - | - | - | 809 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0 | 0 | 0 |
| HCM LOS | | | A |

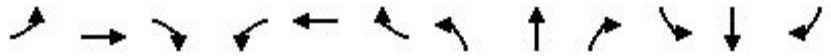
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1126 | - | - | - | - |
| HCM Lane V/C Ratio | - | - | - | - | - |
| HCM Control Delay (s) | 0 | - | - | - | 0 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0 | - | - | - | - |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 513 | 442 | 0 | 1304 | 520 | 0 |
| Future Volume (veh/h) | 513 | 442 | 0 | 1304 | 520 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 540 | 465 | 0 | 1373 | 547 | 0 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 599 | 533 | 0 | 1594 | 1594 | 0 |
| Arrive On Green | 0.33 | 0.33 | 0.00 | 0.44 | 0.15 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 540 | 465 | 0 | 1373 | 547 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 15.6 | 14.9 | 0.0 | 18.8 | 7.5 | 0.0 |
| Cycle Q Clear(g_c), s | 15.6 | 14.9 | 0.0 | 18.8 | 7.5 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 599 | 533 | 0 | 1594 | 1594 | 0 |
| V/C Ratio(X) | 0.90 | 0.87 | 0.00 | 0.86 | 0.34 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1594 | 1594 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 0.33 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.85 | 0.00 |
| Uniform Delay (d), s/veh | 17.5 | 17.3 | 0.0 | 13.8 | 16.3 | 0.0 |
| Incr Delay (d2), s/veh | 16.0 | 13.9 | 0.0 | 6.4 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 7.8 | 6.4 | 0.0 | 6.9 | 2.8 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 33.6 | 31.2 | 0.0 | 20.2 | 16.8 | 0.0 |
| LnGrp LOS | C | C | A | C | B | A |
| Approach Vol, veh/h | 1005 | | | 1373 | 547 | |
| Approach Delay, s/veh | 32.5 | | | 20.2 | 16.8 | |
| Approach LOS | C | | | C | B | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 30.7 | | 24.3 | | 30.7 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 20.8 | | 17.6 | | 9.5 |
| Green Ext Time (p_c), s | | 2.0 | | 0.6 | | 2.8 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | | 23.8 |
| HCM 6th LOS | | C |



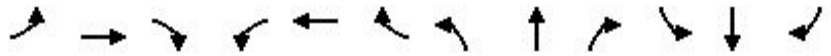
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1380 | 139 | 521 | 524 | 293 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 292 | 1380 | 139 | 521 | 524 | 293 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.98 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 301 | 1423 | 143 | 537 | 540 | 302 |
| Peak Hour Factor | | | | | | | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1528 | 1991 | 603 | 1390 | 762 | 426 |
| Arrive On Green | | | | | | | 0.87 | 0.77 | 0.77 | 0.40 | 0.34 | 0.34 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1570 | 3510 | 2211 | 1234 |
| Grp Volume(v), veh/h | | | | | | | 301 | 1423 | 143 | 537 | 441 | 401 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1570 | 1755 | 1805 | 1640 |
| Q Serve(g_s), s | | | | | | | 0.7 | 7.8 | 1.4 | 6.0 | 11.6 | 11.7 |
| Cycle Q Clear(g_c), s | | | | | | | 0.7 | 7.8 | 1.4 | 6.0 | 11.6 | 11.7 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.75 |
| Lane Grp Cap(c), veh/h | | | | | | | 1528 | 1991 | 603 | 1390 | 622 | 566 |
| V/C Ratio(X) | | | | | | | 0.20 | 0.71 | 0.24 | 0.39 | 0.71 | 0.71 |
| Avail Cap(c_a), veh/h | | | | | | | 1528 | 3169 | 959 | 1390 | 1103 | 1002 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.36 | 0.36 | 0.36 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 2.1 | 4.8 | 4.1 | 11.8 | 15.6 | 15.6 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.8 | 0.3 | 0.1 | 6.7 | 7.4 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.2 | 1.3 | 0.4 | 1.8 | 4.9 | 4.6 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 2.1 | 5.6 | 4.4 | 11.9 | 22.3 | 23.0 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1867 | | | 1379 | |
| Approach Delay, s/veh | | | | | | | | 5.0 | | | 18.5 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 27.5 | 27.5 | | 29.6 | 25.4 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 9.6 | 9.8 | | 2.7 | 13.7 |
| Green Ext Time (p_c), s | 0.2 | 11.1 | | 0.3 | 5.0 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 10.7 |
| HCM 6th LOS | B |

**Notes**

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 108 | 249 | 177 | 371 | 600 | 209 | 239 | 634 | 478 | 246 | 816 | 189 |
| Future Volume (veh/h) | 108 | 249 | 177 | 371 | 600 | 209 | 239 | 634 | 478 | 246 | 816 | 189 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 110 | 254 | 181 | 379 | 612 | 213 | 244 | 647 | 488 | 251 | 833 | 193 |
| Peak Hour Factor | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 173 | 724 | 459 | 466 | 742 | 258 | 312 | 1439 | 845 | 319 | 1446 | 634 |
| Arrive On Green | 0.05 | 0.20 | 0.20 | 0.13 | 0.28 | 0.28 | 0.09 | 0.40 | 0.40 | 0.09 | 0.40 | 0.40 |
| Sat Flow, veh/h | 3510 | 3610 | 1574 | 3510 | 2613 | 908 | 3510 | 3610 | 1583 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 110 | 254 | 181 | 379 | 422 | 403 | 244 | 647 | 488 | 251 | 833 | 193 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1574 | 1755 | 1805 | 1716 | 1755 | 1805 | 1583 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 3.1 | 6.1 | 9.4 | 10.7 | 22.2 | 22.3 | 6.9 | 13.3 | 21.2 | 7.1 | 18.3 | 8.5 |
| Cycle Q Clear(g_c), s | 3.1 | 6.1 | 9.4 | 10.7 | 22.2 | 22.3 | 6.9 | 13.3 | 21.2 | 7.1 | 18.3 | 8.5 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.53 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 173 | 724 | 459 | 466 | 513 | 487 | 312 | 1439 | 845 | 319 | 1446 | 634 |
| V/C Ratio(X) | 0.64 | 0.35 | 0.39 | 0.81 | 0.82 | 0.83 | 0.78 | 0.45 | 0.58 | 0.79 | 0.58 | 0.30 |
| Avail Cap(c_a), veh/h | 363 | 1084 | 616 | 708 | 720 | 684 | 363 | 1439 | 845 | 363 | 1446 | 634 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 47.4 | 34.9 | 29.0 | 42.8 | 34.0 | 34.0 | 45.3 | 22.4 | 16.1 | 45.2 | 23.7 | 20.8 |
| Incr Delay (d2), s/veh | 3.8 | 0.3 | 0.6 | 4.3 | 5.4 | 5.8 | 9.2 | 1.0 | 2.9 | 9.8 | 1.7 | 1.2 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 1.4 | 2.7 | 3.5 | 4.8 | 10.1 | 9.7 | 3.3 | 5.5 | 7.6 | 3.4 | 7.6 | 3.2 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 51.2 | 35.2 | 29.5 | 47.1 | 39.4 | 39.8 | 54.5 | 23.4 | 19.0 | 55.0 | 25.4 | 22.0 |
| LnGrp LOS | D | D | C | D | D | D | D | C | B | E | C | C |
| Approach Vol, veh/h | | 545 | | | 1204 | | | 1379 | | | 1277 | |
| Approach Delay, s/veh | | 36.6 | | | 42.0 | | | 27.3 | | | 30.7 | |
| Approach LOS | | D | | | D | | | C | | | C | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 13.7 | 45.0 | 18.0 | 24.9 | 13.5 | 45.2 | 9.5 | 33.4 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 9.1 | 23.2 | 12.7 | 11.4 | 8.9 | 20.3 | 5.1 | 24.3 |
| Green Ext Time (p_c), s | 0.1 | 5.5 | 0.8 | 2.0 | 0.1 | 6.0 | 0.1 | 4.6 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 33.5 |
| HCM 6th LOS | C |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 45.1 |
| Intersection LOS | E |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 408 | 0 | 0 | 11 | 585 | 25 | 287 | 8 | 0 | 0 | 16 | 207 |
| Future Vol, veh/h | 408 | 0 | 0 | 11 | 585 | 25 | 287 | 8 | 0 | 0 | 16 | 207 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 429 | 0 | 0 | 12 | 616 | 26 | 302 | 8 | 0 | 0 | 17 | 218 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 89.5 | 30.9 | 32.2 | 20.8 |
| HCM LOS | F | D | D | C |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 97% | 100% | 0% | 4% | 0% | 0% |
| Vol Thru, % | 3% | 0% | 100% | 96% | 92% | 7% |
| Vol Right, % | 0% | 0% | 0% | 0% | 8% | 93% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 295 | 408 | 0 | 304 | 318 | 223 |
| LT Vol | 287 | 408 | 0 | 11 | 0 | 0 |
| Through Vol | 8 | 0 | 0 | 293 | 293 | 16 |
| RT Vol | 0 | 0 | 0 | 0 | 25 | 207 |
| Lane Flow Rate | 311 | 429 | 0 | 319 | 334 | 235 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.733 | 1.054 | 0 | 0.721 | 0.748 | 0.535 |
| Departure Headway (Hd) | 8.729 | 8.832 | 8.312 | 8.365 | 8.289 | 8.47 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 416 | 412 | 0 | 434 | 438 | 430 |
| Service Time | 6.729 | 6.532 | 6.012 | 6.065 | 5.989 | 6.47 |
| HCM Lane V/C Ratio | 0.748 | 1.041 | 0 | 0.735 | 0.763 | 0.547 |
| HCM Control Delay | 32.2 | 89.5 | 11 | 29.9 | 31.8 | 20.8 |
| HCM Lane LOS | D | F | N | D | D | C |
| HCM 95th-tile Q | 5.8 | 14.1 | 0 | 5.6 | 6.1 | 3.1 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.4 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 191 | 261 | 138 | 19 | 5 | 75 |
| Future Vol, veh/h | 191 | 261 | 138 | 19 | 5 | 75 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 81 | 81 | 81 | 81 | 81 | 81 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 236 | 322 | 170 | 23 | 6 | 93 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 193 | 0 | - | 0 | 964 | 170 |
| Stage 1 | - | - | - | - | 170 | - |
| Stage 2 | - | - | - | - | 794 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1392 | - | - | - | 286 | 879 |
| Stage 1 | - | - | - | - | 865 | - |
| Stage 2 | - | - | - | - | 449 | - |
| Platoon blocked, % | | | - | - | - | |
| Mov Cap-1 Maneuver | 1392 | - | - | - | 237 | 879 |
| Mov Cap-2 Maneuver | - | - | - | - | 237 | - |
| Stage 1 | - | - | - | - | 718 | - |
| Stage 2 | - | - | - | - | 449 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 3.4 | 0 | 10.5 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1392 | - | - | - | 752 |
| HCM Lane V/C Ratio | 0.169 | - | - | - | 0.131 |
| HCM Control Delay (s) | 8.1 | - | - | - | 10.5 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.6 | - | - | - | 0.5 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 1.8 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 60 | 187 | 136 | 49 | 9 | 25 |
| Future Vol, veh/h | 60 | 187 | 136 | 49 | 9 | 25 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 79 | 79 | 79 | 79 | 79 | 79 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 76 | 237 | 172 | 62 | 11 | 32 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 234 | 0 | - | 0 | 561 | 172 |
| Stage 1 | - | - | - | - | 172 | - |
| Stage 2 | - | - | - | - | 389 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1345 | - | - | - | 492 | 877 |
| Stage 1 | - | - | - | - | 863 | - |
| Stage 2 | - | - | - | - | 689 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1345 | - | - | - | 464 | 877 |
| Mov Cap-2 Maneuver | - | - | - | - | 464 | - |
| Stage 1 | - | - | - | - | 814 | - |
| Stage 2 | - | - | - | - | 689 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.9 | 0 | 10.4 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1345 | - | - | - | 710 |
| HCM Lane V/C Ratio | 0.056 | - | - | - | 0.061 |
| HCM Control Delay (s) | 7.8 | - | - | - | 10.4 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.2 | - | - | - | 0.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.6 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 103 | 91 | 172 | 18 | 4 | 22 |
| Future Vol, veh/h | 103 | 91 | 172 | 18 | 4 | 22 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 132 | 117 | 221 | 23 | 5 | 28 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 244 | 0 | - | 0 | 614 | 233 |
| Stage 1 | - | - | - | - | 233 | - |
| Stage 2 | - | - | - | - | 381 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1334 | - | - | - | 459 | 811 |
| Stage 1 | - | - | - | - | 810 | - |
| Stage 2 | - | - | - | - | 695 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1334 | - | - | - | 410 | 811 |
| Mov Cap-2 Maneuver | - | - | - | - | 410 | - |
| Stage 1 | - | - | - | - | 724 | - |
| Stage 2 | - | - | - | - | 695 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 4.2 | 0 | 10.4 |
| HCM LOS | | | B |

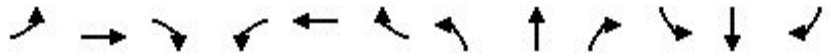
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1334 | - | - | - | 705 |
| HCM Lane V/C Ratio | 0.099 | - | - | - | 0.047 |
| HCM Control Delay (s) | 8 | 0 | - | - | 10.4 |
| HCM Lane LOS | A | A | - | - | B |
| HCM 95th %tile Q(veh) | 0.3 | - | - | - | 0.1 |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 506 | 506 | 0 | 1396 | 575 | 0 |
| Future Volume (veh/h) | 506 | 506 | 0 | 1396 | 575 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 522 | 522 | 0 | 1439 | 593 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| Arrive On Green | 0.34 | 0.34 | 0.00 | 0.43 | 0.86 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 522 | 522 | 0 | 1439 | 593 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 14.6 | 17.3 | 0.0 | 20.8 | 1.9 | 0.0 |
| Cycle Q Clear(g_c), s | 14.6 | 17.3 | 0.0 | 20.8 | 1.9 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| V/C Ratio(X) | 0.84 | 0.94 | 0.00 | 0.93 | 0.38 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1549 | 1549 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.75 | 0.00 |
| Uniform Delay (d), s/veh | 16.7 | 17.5 | 0.0 | 14.9 | 2.4 | 0.0 |
| Incr Delay (d2), s/veh | 10.0 | 25.0 | 0.0 | 11.2 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 6.5 | 8.8 | 0.0 | 8.6 | 0.5 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 26.6 | 42.5 | 0.0 | 26.1 | 2.9 | 0.0 |
| LnGrp LOS | C | D | A | C | A | A |
| Approach Vol, veh/h | 1044 | | | 1439 | 593 | |
| Approach Delay, s/veh | 34.5 | | | 26.1 | 2.9 | |
| Approach LOS | C | | | C | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 30.0 | | 25.0 | | 30.0 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 22.8 | | 19.3 | | 3.9 |
| Green Ext Time (p_c), s | | 0.6 | | 0.0 | | 3.5 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | | 24.5 |
| HCM 6th LOS | | C |



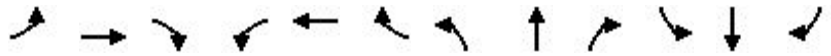
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 1511 | 146 | 592 | 576 | 411 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 1511 | 146 | 592 | 576 | 411 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.97 | 1.00 | | 0.97 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 238 | 1542 | 149 | 604 | 588 | 419 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 1327 | 2097 | 634 | 1319 | 800 | 570 |
| Arrive On Green | | | | | | | 0.76 | 0.81 | 0.81 | 0.38 | 0.40 | 0.40 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1569 | 3510 | 1989 | 1417 |
| Grp Volume(v), veh/h | | | | | | | 238 | 1542 | 149 | 604 | 534 | 473 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1569 | 1755 | 1805 | 1601 |
| Q Serve(g_s), s | | | | | | | 1.1 | 7.7 | 1.2 | 7.1 | 13.8 | 13.8 |
| Cycle Q Clear(g_c), s | | | | | | | 1.1 | 7.7 | 1.2 | 7.1 | 13.8 | 13.8 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.89 |
| Lane Grp Cap(c), veh/h | | | | | | | 1327 | 2097 | 634 | 1319 | 726 | 644 |
| V/C Ratio(X) | | | | | | | 0.18 | 0.74 | 0.23 | 0.46 | 0.74 | 0.74 |
| Avail Cap(c_a), veh/h | | | | | | | 1327 | 3169 | 958 | 1319 | 1103 | 978 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.33 | 0.33 | 0.33 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 4.3 | 3.9 | 3.3 | 12.9 | 14.0 | 14.0 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.8 | 0.3 | 0.1 | 6.5 | 7.3 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 0.3 | 1.2 | 0.3 | 2.2 | 5.5 | 5.0 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 4.3 | 4.7 | 3.5 | 13.0 | 20.5 | 21.3 |
| LnGrp LOS | | | | | | | A | A | A | B | C | C |
| Approach Vol, veh/h | | | | | | | | 1929 | | | 1611 | |
| Approach Delay, s/veh | | | | | | | | 4.5 | | | 17.9 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 6.4 | 28.6 | | 26.5 | 28.5 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 9.3 | * 34 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 9.1 | 9.7 | | 3.1 | 15.8 |
| Green Ext Time (p_c), s | 0.0 | 12.2 | | 0.2 | 6.0 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 10.6 |
| HCM 6th LOS | B |

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 248 | 678 | 357 | 554 | 581 | 162 | 231 | 843 | 436 | 158 | 657 | 161 |
| Future Volume (veh/h) | 248 | 678 | 357 | 554 | 581 | 162 | 231 | 843 | 436 | 158 | 657 | 161 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 261 | 714 | 376 | 583 | 612 | 171 | 243 | 887 | 459 | 166 | 692 | 169 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 313 | 882 | 522 | 611 | 914 | 255 | 299 | 1317 | 857 | 226 | 1240 | 544 |
| Arrive On Green | 0.09 | 0.24 | 0.24 | 0.17 | 0.33 | 0.33 | 0.09 | 0.36 | 0.36 | 0.06 | 0.34 | 0.34 |
| Sat Flow, veh/h | 3510 | 3610 | 1575 | 3510 | 2775 | 774 | 3510 | 3610 | 1581 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 261 | 714 | 376 | 583 | 398 | 385 | 243 | 887 | 459 | 166 | 692 | 169 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1575 | 1755 | 1805 | 1744 | 1755 | 1805 | 1581 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 8.6 | 22.0 | 24.8 | 19.4 | 22.3 | 22.4 | 8.0 | 24.4 | 22.2 | 5.5 | 18.3 | 9.2 |
| Cycle Q Clear(g_c), s | 8.6 | 22.0 | 24.8 | 19.4 | 22.3 | 22.4 | 8.0 | 24.4 | 22.2 | 5.5 | 18.3 | 9.2 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.44 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 313 | 882 | 522 | 611 | 594 | 574 | 299 | 1317 | 857 | 226 | 1240 | 544 |
| V/C Ratio(X) | 0.83 | 0.81 | 0.72 | 0.95 | 0.67 | 0.67 | 0.81 | 0.67 | 0.54 | 0.74 | 0.56 | 0.31 |
| Avail Cap(c_a), veh/h | 313 | 934 | 545 | 611 | 620 | 599 | 313 | 1317 | 857 | 313 | 1240 | 544 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 52.8 | 41.9 | 34.8 | 48.2 | 34.0 | 34.0 | 53.0 | 31.5 | 17.7 | 54.2 | 31.4 | 28.4 |
| Incr Delay (d2), s/veh | 17.4 | 5.1 | 4.4 | 25.6 | 2.6 | 2.8 | 14.4 | 2.8 | 2.4 | 5.6 | 1.8 | 1.5 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 4.5 | 10.2 | 9.8 | 10.5 | 9.9 | 9.7 | 4.0 | 10.6 | 8.2 | 2.5 | 8.0 | 3.7 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 70.3 | 47.1 | 39.2 | 73.8 | 36.6 | 36.8 | 67.4 | 34.3 | 20.1 | 59.8 | 33.2 | 29.9 |
| LnGrp LOS | E | D | D | E | D | D | E | C | C | E | C | C |
| Approach Vol, veh/h | | 1351 | | | 1366 | | | 1589 | | | 1027 | |
| Approach Delay, s/veh | | 49.4 | | | 52.6 | | | 35.2 | | | 37.0 | |
| Approach LOS | | D | | | D | | | D | | | D | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 12.1 | 47.5 | 25.0 | 33.3 | 14.6 | 45.0 | 15.0 | 43.3 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 40.5 | 20.5 | 30.5 | 10.5 | 40.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 7.5 | 26.4 | 21.4 | 26.8 | 10.0 | 20.3 | 10.6 | 24.4 |
| Green Ext Time (p_c), s | 0.1 | 6.3 | 0.0 | 2.0 | 0.0 | 4.8 | 0.0 | 4.2 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 43.6 |
| HCM 6th LOS | D |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 53.5 |
| Intersection LOS | F |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 185 | 0 | 0 | 4 | 370 | 14 | 286 | 7 | 0 | 0 | 30 | 556 |
| Future Vol, veh/h | 185 | 0 | 0 | 4 | 370 | 14 | 286 | 7 | 0 | 0 | 30 | 556 |
| Peak Hour Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 197 | 0 | 0 | 4 | 394 | 15 | 304 | 7 | 0 | 0 | 32 | 591 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 20.9 | 18.2 | 26 | 101 |
| HCM LOS | C | C | D | F |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 98% | 100% | 0% | 2% | 0% | 0% |
| Vol Thru, % | 2% | 0% | 100% | 98% | 93% | 5% |
| Vol Right, % | 0% | 0% | 0% | 0% | 7% | 95% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 293 | 185 | 0 | 189 | 199 | 586 |
| LT Vol | 286 | 185 | 0 | 4 | 0 | 0 |
| Through Vol | 7 | 0 | 0 | 185 | 185 | 30 |
| RT Vol | 0 | 0 | 0 | 0 | 14 | 556 |
| Lane Flow Rate | 312 | 197 | 0 | 201 | 212 | 623 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.668 | 0.489 | 0 | 0.45 | 0.47 | 1.123 |
| Departure Headway (Hd) | 8.11 | 9.47 | 8.946 | 8.488 | 8.426 | 6.486 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 449 | 384 | 0 | 426 | 430 | 561 |
| Service Time | 6.11 | 7.17 | 6.646 | 6.188 | 6.126 | 4.546 |
| HCM Lane V/C Ratio | 0.695 | 0.513 | 0 | 0.472 | 0.493 | 1.111 |
| HCM Control Delay | 26 | 20.9 | 11.6 | 17.9 | 18.4 | 101 |
| HCM Lane LOS | D | C | N | C | C | F |
| HCM 95th-tile Q | 4.8 | 2.6 | 0 | 2.3 | 2.4 | 20 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.3 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 18 | 162 | 485 | 3 | 17 | 136 |
| Future Vol, veh/h | 18 | 162 | 485 | 3 | 17 | 136 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 21 | 193 | 577 | 4 | 20 | 162 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 581 | 0 | - | 0 | 812 | 577 |
| Stage 1 | - | - | - | - | 577 | - |
| Stage 2 | - | - | - | - | 235 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1003 | - | - | - | 351 | 520 |
| Stage 1 | - | - | - | - | 566 | - |
| Stage 2 | - | - | - | - | 809 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1003 | - | - | - | 344 | 520 |
| Mov Cap-2 Maneuver | - | - | - | - | 344 | - |
| Stage 1 | - | - | - | - | 554 | - |
| Stage 2 | - | - | - | - | 809 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0.9 | 0 | 16.6 |
| HCM LOS | | | C |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1003 | - | - | - | 492 |
| HCM Lane V/C Ratio | 0.021 | - | - | - | 0.37 |
| HCM Control Delay (s) | 8.7 | - | - | - | 16.6 |
| HCM Lane LOS | A | - | - | - | C |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.7 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.5 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 161 | 419 | 20 | 46 | 59 |
| Future Vol, veh/h | 26 | 161 | 419 | 20 | 46 | 59 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 30 | 185 | 482 | 23 | 53 | 68 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 507 | 0 | - | 0 | 729 | 484 |
| Stage 1 | - | - | - | - | 484 | - |
| Stage 2 | - | - | - | - | 245 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1068 | - | - | - | 393 | 587 |
| Stage 1 | - | - | - | - | 624 | - |
| Stage 2 | - | - | - | - | 800 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1066 | - | - | - | 380 | 586 |
| Mov Cap-2 Maneuver | - | - | - | - | 380 | - |
| Stage 1 | - | - | - | - | 605 | - |
| Stage 2 | - | - | - | - | 798 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.2 | 0 | 15.2 |
| HCM LOS | | | C |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1066 | - | - | - | 474 |
| HCM Lane V/C Ratio | 0.028 | - | - | - | 0.255 |
| HCM Control Delay (s) | 8.5 | - | - | - | 15.2 |
| HCM Lane LOS | A | - | - | - | C |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.7 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 182 | 345 | 5 | 18 | 98 |
| Future Vol, veh/h | 26 | 182 | 345 | 5 | 18 | 98 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 33 | 233 | 442 | 6 | 23 | 126 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 449 | 0 | - | 0 | 745 | 446 |
| Stage 1 | - | - | - | - | 446 | - |
| Stage 2 | - | - | - | - | 299 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1122 | - | - | - | 384 | 617 |
| Stage 1 | - | - | - | - | 649 | - |
| Stage 2 | - | - | - | - | 757 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1121 | - | - | - | 370 | 616 |
| Mov Cap-2 Maneuver | - | - | - | - | 370 | - |
| Stage 1 | - | - | - | - | 626 | - |
| Stage 2 | - | - | - | - | 756 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1 | 0 | 13.8 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1121 | - | - | - | 558 |
| HCM Lane V/C Ratio | 0.03 | - | - | - | 0.267 |
| HCM Control Delay (s) | 8.3 | 0 | - | - | 13.8 |
| HCM Lane LOS | A | A | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.1 |

# Appendix H

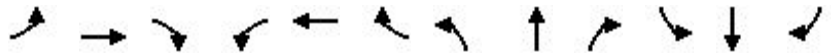
Intersection LOS Worksheets – Horizon Year



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 300 | 260 | 0 | 1638 | 641 | 0 |
| Future Volume (veh/h) | 300 | 260 | 0 | 1638 | 641 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 309 | 268 | 0 | 1689 | 661 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 397 | 354 | 0 | 1997 | 1997 | 0 |
| Arrive On Green | 0.22 | 0.22 | 0.00 | 0.55 | 1.00 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 309 | 268 | 0 | 1689 | 661 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 8.8 | 8.6 | 0.0 | 21.6 | 0.0 | 0.0 |
| Cycle Q Clear(g_c), s | 8.8 | 8.6 | 0.0 | 21.6 | 0.0 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 397 | 354 | 0 | 1997 | 1997 | 0 |
| V/C Ratio(X) | 0.78 | 0.76 | 0.00 | 0.85 | 0.33 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1997 | 1997 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.86 | 0.00 |
| Uniform Delay (d), s/veh | 20.2 | 20.1 | 0.0 | 10.3 | 0.0 | 0.0 |
| Incr Delay (d2), s/veh | 3.3 | 3.3 | 0.0 | 4.6 | 0.4 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 3.5 | 3.0 | 0.0 | 6.5 | 0.1 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 23.5 | 23.4 | 0.0 | 15.0 | 0.4 | 0.0 |
| LnGrp LOS | C | C | A | B | A | A |
| Approach Vol, veh/h | 577 | | | 1689 | 661 | |
| Approach Delay, s/veh | 23.5 | | | 15.0 | 0.4 | |
| Approach LOS | C | | | B | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 36.8 | | 18.2 | | 36.8 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 23.6 | | 10.8 | | 2.0 |
| Green Ext Time (p_c), s | | 0.0 | | 1.2 | | 4.1 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | 13.3 | |
| HCM 6th LOS | B | |



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 445 | 1268 | 250 | 643 | 651 | 370 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 445 | 1268 | 250 | 643 | 651 | 370 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 454 | 1294 | 255 | 656 | 664 | 378 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 594 | 2697 | 817 | 913 | 1341 | 763 |
| Arrive On Green | | | | | | | 0.34 | 1.00 | 1.00 | 0.26 | 0.61 | 0.61 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1571 | 3510 | 2195 | 1249 |
| Grp Volume(v), veh/h | | | | | | | 454 | 1294 | 255 | 656 | 546 | 496 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1571 | 1755 | 1805 | 1639 |
| Q Serve(g_s), s | | | | | | | 6.3 | 0.0 | 0.0 | 9.4 | 9.3 | 9.3 |
| Cycle Q Clear(g_c), s | | | | | | | 6.3 | 0.0 | 0.0 | 9.4 | 9.3 | 9.3 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.76 |
| Lane Grp Cap(c), veh/h | | | | | | | 594 | 2697 | 817 | 913 | 1103 | 1001 |
| V/C Ratio(X) | | | | | | | 0.76 | 0.48 | 0.31 | 0.72 | 0.50 | 0.50 |
| Avail Cap(c_a), veh/h | | | | | | | 594 | 2697 | 817 | 913 | 1103 | 1001 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.37 | 0.37 | 0.37 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 17.2 | 0.0 | 0.0 | 18.5 | 6.0 | 6.0 |
| Incr Delay (d2), s/veh | | | | | | | 2.0 | 0.2 | 0.4 | 2.4 | 1.6 | 1.8 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 2.0 | 0.1 | 0.1 | 3.4 | 2.4 | 2.2 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 19.3 | 0.2 | 0.4 | 20.9 | 7.6 | 7.7 |
| LnGrp LOS | | | | | | | B | A | A | C | A | A |
| Approach Vol, veh/h | | | | | | | | 2003 | | | 1698 | |
| Approach Delay, s/veh | | | | | | | | 4.6 | | | 12.8 | |
| Approach LOS | | | | | | | | A | | | B | |

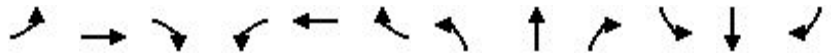
| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 20.0 | 35.0 | | 15.0 | 40.0 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 14.3 | * 29 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 11.4 | 2.0 | | 8.3 | 11.3 |
| Green Ext Time (p_c), s | 0.5 | 11.0 | | 0.1 | 6.8 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 8.3 |
| HCM 6th LOS | A |

**Notes**

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 162 | 220 | 180 | 430 | 630 | 301 | 270 | 813 | 430 | 341 | 1234 | 313 |
| Future Volume (veh/h) | 162 | 220 | 180 | 430 | 630 | 301 | 270 | 813 | 430 | 341 | 1234 | 313 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.97 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 171 | 232 | 189 | 453 | 663 | 317 | 284 | 856 | 453 | 359 | 1299 | 329 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 246 | 413 | 348 | 1030 | 795 | 380 | 370 | 1038 | 926 | 394 | 1064 | 466 |
| Arrive On Green | 0.07 | 0.11 | 0.11 | 0.29 | 0.34 | 0.34 | 0.11 | 0.29 | 0.29 | 0.11 | 0.29 | 0.29 |
| Sat Flow, veh/h | 3510 | 3610 | 1558 | 3510 | 2353 | 1125 | 3510 | 3610 | 1579 | 3510 | 3610 | 1582 |
| Grp Volume(v), veh/h | 171 | 232 | 189 | 453 | 509 | 471 | 284 | 856 | 453 | 359 | 1299 | 329 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1558 | 1755 | 1805 | 1674 | 1755 | 1805 | 1579 | 1755 | 1805 | 1582 |
| Q Serve(g_s), s | 4.5 | 5.7 | 4.4 | 9.8 | 24.3 | 24.3 | 7.4 | 20.7 | 0.0 | 9.5 | 27.6 | 17.3 |
| Cycle Q Clear(g_c), s | 4.5 | 5.7 | 4.4 | 9.8 | 24.3 | 24.3 | 7.4 | 20.7 | 0.0 | 9.5 | 27.6 | 17.3 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.67 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 246 | 413 | 348 | 1030 | 609 | 565 | 370 | 1038 | 926 | 394 | 1064 | 466 |
| V/C Ratio(X) | 0.70 | 0.56 | 0.54 | 0.44 | 0.83 | 0.83 | 0.77 | 0.82 | 0.49 | 0.91 | 1.22 | 0.71 |
| Avail Cap(c_a), veh/h | 394 | 1177 | 677 | 1030 | 781 | 725 | 582 | 1177 | 987 | 394 | 1064 | 466 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 42.5 | 39.2 | 12.4 | 26.8 | 28.6 | 28.6 | 40.7 | 31.1 | 11.4 | 41.1 | 33.0 | 29.4 |
| Incr Delay (d2), s/veh | 3.5 | 1.2 | 1.3 | 0.3 | 6.2 | 6.7 | 3.4 | 4.4 | 0.4 | 24.9 | 108.2 | 4.8 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 2.0 | 2.5 | 1.8 | 3.9 | 10.9 | 10.1 | 3.2 | 9.0 | 4.9 | 5.3 | 27.1 | 6.8 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 46.0 | 40.4 | 13.8 | 27.1 | 34.8 | 35.2 | 44.1 | 35.5 | 11.8 | 65.9 | 141.2 | 34.2 |
| LnGrp LOS | D | D | B | C | C | D | D | D | B | E | F | C |
| Approach Vol, veh/h | | 592 | | | 1433 | | | 1593 | | | 1987 | |
| Approach Delay, s/veh | | 33.5 | | | 32.5 | | | 30.3 | | | 109.9 | |
| Approach LOS | | C | | | C | | | C | | | F | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 15.0 | 31.4 | 31.9 | 15.2 | 14.3 | 32.1 | 11.1 | 36.1 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 30.5 | 20.5 | 30.5 | 15.5 | 25.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 11.5 | 22.7 | 11.8 | 7.7 | 9.4 | 29.6 | 6.5 | 26.3 |
| Green Ext Time (p_c), s | 0.0 | 4.2 | 1.1 | 2.0 | 0.5 | 0.0 | 0.2 | 5.3 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 59.4 |
| HCM 6th LOS | E |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 62.9 |
| Intersection LOS | F |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 412 | 0 | 0 | 11 | 591 | 40 | 360 | 10 | 0 | 0 | 16 | 207 |
| Future Vol, veh/h | 412 | 0 | 0 | 11 | 591 | 40 | 360 | 10 | 0 | 0 | 16 | 207 |
| Peak Hour Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 438 | 0 | 0 | 12 | 629 | 43 | 383 | 11 | 0 | 0 | 17 | 220 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 118.9 | 41.4 | 61.2 | 24.2 |
| HCM LOS | F | E | F | C |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 97% | 100% | 0% | 4% | 0% | 0% |
| Vol Thru, % | 3% | 0% | 100% | 96% | 88% | 7% |
| Vol Right, % | 0% | 0% | 0% | 0% | 12% | 93% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 370 | 412 | 0 | 307 | 336 | 223 |
| LT Vol | 360 | 412 | 0 | 11 | 0 | 0 |
| Through Vol | 10 | 0 | 0 | 296 | 296 | 16 |
| RT Vol | 0 | 0 | 0 | 0 | 40 | 207 |
| Lane Flow Rate | 394 | 438 | 0 | 326 | 357 | 237 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.936 | 1.137 | 0 | 0.781 | 0.845 | 0.576 |
| Departure Headway (Hd) | 9.088 | 9.337 | 8.815 | 9.102 | 8.996 | 9.314 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 401 | 390 | 0 | 401 | 407 | 389 |
| Service Time | 7.088 | 7.119 | 6.596 | 6.802 | 6.696 | 7.314 |
| HCM Lane V/C Ratio | 0.983 | 1.123 | 0 | 0.813 | 0.877 | 0.609 |
| HCM Control Delay | 61.2 | 118.9 | 11.6 | 37.5 | 44.9 | 24.2 |
| HCM Lane LOS | F | F | N | E | E | C |
| HCM 95th-tile Q | 10.3 | 16.5 | 0 | 6.6 | 8 | 3.5 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.8 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 191 | 190 | 139 | 19 | 5 | 75 |
| Future Vol, veh/h | 191 | 190 | 139 | 19 | 5 | 75 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 227 | 226 | 165 | 23 | 6 | 89 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 188 | 0 | - | 0 | 845 | 165 |
| Stage 1 | - | - | - | - | 165 | - |
| Stage 2 | - | - | - | - | 680 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1398 | - | - | - | 336 | 885 |
| Stage 1 | - | - | - | - | 869 | - |
| Stage 2 | - | - | - | - | 507 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1398 | - | - | - | 282 | 885 |
| Mov Cap-2 Maneuver | - | - | - | - | 282 | - |
| Stage 1 | - | - | - | - | 728 | - |
| Stage 2 | - | - | - | - | 507 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 4 | 0 | 10.2 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1398 | - | - | - | 781 |
| HCM Lane V/C Ratio | 0.163 | - | - | - | 0.122 |
| HCM Control Delay (s) | 8.1 | - | - | - | 10.2 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.6 | - | - | - | 0.4 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.1 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 60 | 101 | 137 | 49 | 9 | 25 |
| Future Vol, veh/h | 60 | 101 | 137 | 49 | 9 | 25 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 69 | 116 | 157 | 56 | 10 | 29 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 215 | 0 | - | 0 | 413 | 159 |
| Stage 1 | - | - | - | - | 159 | - |
| Stage 2 | - | - | - | - | 254 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1367 | - | - | - | 599 | 892 |
| Stage 1 | - | - | - | - | 875 | - |
| Stage 2 | - | - | - | - | 793 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1364 | - | - | - | 566 | 890 |
| Mov Cap-2 Maneuver | - | - | - | - | 566 | - |
| Stage 1 | - | - | - | - | 829 | - |
| Stage 2 | - | - | - | - | 791 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 2.9 | 0 | 9.9 |
| HCM LOS | | | A |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1364 | - | - | - | 773 |
| HCM Lane V/C Ratio | 0.051 | - | - | - | 0.051 |
| HCM Control Delay (s) | 7.8 | - | - | - | 9.9 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0.2 | - | - | - | 0.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 0 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 0 | 109 | 206 | 0 | 0 | 0 |
| Future Vol, veh/h | 0 | 109 | 206 | 0 | 0 | 0 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 0 | 140 | 264 | 0 | 0 | 0 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 265 | 0 | - | 0 | 405 | 265 |
| Stage 1 | - | - | - | - | 265 | - |
| Stage 2 | - | - | - | - | 140 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1311 | - | - | - | 606 | 779 |
| Stage 1 | - | - | - | - | 784 | - |
| Stage 2 | - | - | - | - | 892 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1310 | - | - | - | 605 | 778 |
| Mov Cap-2 Maneuver | - | - | - | - | 605 | - |
| Stage 1 | - | - | - | - | 783 | - |
| Stage 2 | - | - | - | - | 891 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0 | 0 | 0 |
| HCM LOS | | | A |

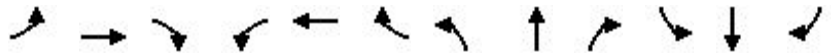
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1310 | - | - | - | - |
| HCM Lane V/C Ratio | - | - | - | - | - |
| HCM Control Delay (s) | 0 | - | - | - | 0 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0 | - | - | - | - |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 560 | 490 | 0 | 1740 | 627 | 0 |
| Future Volume (veh/h) | 560 | 490 | 0 | 1740 | 627 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 577 | 505 | 0 | 1794 | 646 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 570 | 507 | 0 | 1721 | 1721 | 0 |
| Arrive On Green | 0.31 | 0.31 | 0.00 | 0.48 | 0.95 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 577 | 505 | 0 | 1794 | 646 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 18.9 | 18.8 | 0.0 | 28.6 | 0.8 | 0.0 |
| Cycle Q Clear(g_c), s | 18.9 | 18.8 | 0.0 | 28.6 | 0.8 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 570 | 507 | 0 | 1721 | 1721 | 0 |
| V/C Ratio(X) | 1.01 | 1.00 | 0.00 | 1.04 | 0.38 | 0.00 |
| Avail Cap(c_a), veh/h | 570 | 507 | 0 | 1721 | 1721 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.83 | 0.00 |
| Uniform Delay (d), s/veh | 20.5 | 20.5 | 0.0 | 15.7 | 0.8 | 0.0 |
| Incr Delay (d2), s/veh | 40.8 | 38.8 | 0.0 | 33.7 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 13.0 | 11.2 | 0.0 | 16.5 | 0.3 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 61.3 | 59.3 | 0.0 | 49.4 | 1.3 | 0.0 |
| LnGrp LOS | F | E | A | F | A | A |
| Approach Vol, veh/h | 1082 | | | 1794 | 646 | |
| Approach Delay, s/veh | 60.4 | | | 49.4 | 1.3 | |
| Approach LOS | E | | | D | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 35.0 | | 25.0 | | 35.0 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 28.6 | | 18.9 | | 28.6 |
| Max Q Clear Time (g_c+I1), s | | 30.6 | | 20.9 | | 2.8 |
| Green Ext Time (p_c), s | | 0.0 | | 0.0 | | 4.2 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | 44.0 | |
| HCM 6th LOS | D | |



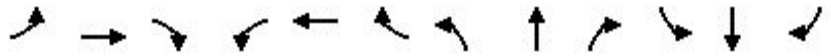
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 1690 | 240 | 718 | 657 | 395 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 1690 | 240 | 718 | 657 | 395 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 306 | 1724 | 245 | 733 | 670 | 403 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 837 | 2905 | 880 | 837 | 1202 | 722 |
| Arrive On Green | | | | | | | 0.48 | 1.00 | 1.00 | 0.24 | 0.56 | 0.56 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1571 | 3510 | 2146 | 1289 |
| Grp Volume(v), veh/h | | | | | | | 306 | 1724 | 245 | 733 | 563 | 510 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1571 | 1755 | 1805 | 1630 |
| Q Serve(g_s), s | | | | | | | 3.3 | 0.0 | 0.0 | 12.1 | 12.0 | 12.0 |
| Cycle Q Clear(g_c), s | | | | | | | 3.3 | 0.0 | 0.0 | 12.1 | 12.0 | 12.0 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.79 |
| Lane Grp Cap(c), veh/h | | | | | | | 837 | 2905 | 880 | 837 | 1011 | 913 |
| V/C Ratio(X) | | | | | | | 0.37 | 0.59 | 0.28 | 0.88 | 0.56 | 0.56 |
| Avail Cap(c_a), veh/h | | | | | | | 837 | 2905 | 880 | 837 | 1011 | 913 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.09 | 0.09 | 0.09 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 12.8 | 0.0 | 0.0 | 22.0 | 8.4 | 8.4 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.1 | 0.1 | 10.0 | 2.2 | 2.5 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 1.0 | 0.0 | 0.0 | 5.4 | 3.7 | 3.4 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 12.8 | 0.1 | 0.1 | 32.0 | 10.7 | 10.9 |
| LnGrp LOS | | | | | | | B | A | A | C | B | B |
| Approach Vol, veh/h | | | | | | | | 2275 | | | 1806 | |
| Approach Delay, s/veh | | | | | | | | 1.8 | | | 19.4 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 20.0 | 40.0 | | 20.0 | 40.0 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 14.3 | * 34 | | 14.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 14.1 | 2.0 | | 5.3 | 14.0 |
| Green Ext Time (p_c), s | 0.1 | 16.7 | | 0.4 | 6.7 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 9.6 |
| HCM 6th LOS | A |

**Notes**

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 423 | 700 | 435 | 595 | 635 | 347 | 310 | 1150 | 495 | 288 | 670 | 232 |
| Future Volume (veh/h) | 423 | 700 | 435 | 595 | 635 | 347 | 310 | 1150 | 495 | 288 | 670 | 232 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 445 | 737 | 458 | 626 | 668 | 365 | 326 | 1211 | 521 | 303 | 705 | 244 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 453 | 797 | 526 | 658 | 624 | 341 | 389 | 1279 | 862 | 307 | 1194 | 523 |
| Arrive On Green | 0.13 | 0.22 | 0.22 | 0.19 | 0.28 | 0.28 | 0.11 | 0.35 | 0.35 | 0.09 | 0.33 | 0.33 |
| Sat Flow, veh/h | 3510 | 3610 | 1574 | 3510 | 2236 | 1221 | 3510 | 3610 | 1581 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 445 | 737 | 458 | 626 | 539 | 494 | 326 | 1211 | 521 | 303 | 705 | 244 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1574 | 1755 | 1805 | 1652 | 1755 | 1805 | 1581 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 15.2 | 24.0 | 26.5 | 21.2 | 33.5 | 33.5 | 10.9 | 39.1 | 27.0 | 10.3 | 19.5 | 14.6 |
| Cycle Q Clear(g_c), s | 15.2 | 24.0 | 26.5 | 21.2 | 33.5 | 33.5 | 10.9 | 39.1 | 27.0 | 10.3 | 19.5 | 14.6 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.74 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 453 | 797 | 526 | 658 | 504 | 461 | 389 | 1279 | 862 | 307 | 1194 | 523 |
| V/C Ratio(X) | 0.98 | 0.92 | 0.87 | 0.95 | 1.07 | 1.07 | 0.84 | 0.95 | 0.60 | 0.99 | 0.59 | 0.47 |
| Avail Cap(c_a), veh/h | 453 | 797 | 526 | 658 | 504 | 461 | 483 | 1279 | 862 | 307 | 1194 | 523 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 52.1 | 45.8 | 37.8 | 48.2 | 43.3 | 43.3 | 52.3 | 37.7 | 18.8 | 54.7 | 33.4 | 31.8 |
| Incr Delay (d2), s/veh | 37.3 | 16.4 | 14.6 | 23.7 | 60.1 | 62.0 | 10.2 | 15.3 | 3.1 | 47.5 | 2.1 | 3.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 8.9 | 12.3 | 14.4 | 11.2 | 22.9 | 21.2 | 5.2 | 19.1 | 10.0 | 6.5 | 8.6 | 5.9 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 89.4 | 62.2 | 52.4 | 71.9 | 103.4 | 105.3 | 62.5 | 53.0 | 21.9 | 102.2 | 35.5 | 34.7 |
| LnGrp LOS | F | E | D | E | F | F | E | D | C | F | D | C |
| Approach Vol, veh/h | | 1640 | | | 1659 | | | 2058 | | | 1252 | |
| Approach Delay, s/veh | | 66.8 | | | 92.0 | | | 46.6 | | | 51.5 | |
| Approach LOS | | E | | | F | | | D | | | D | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 15.0 | 47.0 | 27.0 | 31.0 | 17.8 | 44.2 | 20.0 | 38.0 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 42.5 | 22.5 | 26.5 | 16.5 | 36.5 | 15.5 | 33.5 |
| Max Q Clear Time (g_c+I1), s | 12.3 | 41.1 | 23.2 | 28.5 | 12.9 | 21.5 | 17.2 | 35.5 |
| Green Ext Time (p_c), s | 0.0 | 1.1 | 0.0 | 0.0 | 0.4 | 4.6 | 0.0 | 0.0 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 64.0 |
| HCM 6th LOS | E |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 70.1 |
| Intersection LOS | F |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 190 | 0 | 0 | 10 | 557 | 14 | 285 | 7 | 0 | 0 | 35 | 560 |
| Future Vol, veh/h | 190 | 0 | 0 | 10 | 557 | 14 | 285 | 7 | 0 | 0 | 35 | 560 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 200 | 0 | 0 | 11 | 586 | 15 | 300 | 7 | 0 | 0 | 37 | 589 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 23.5 | 29.2 | 30.9 | 144.1 |
| HCM LOS | C | D | D | F |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 98% | 100% | 0% | 3% | 0% | 0% |
| Vol Thru, % | 2% | 0% | 100% | 97% | 95% | 6% |
| Vol Right, % | 0% | 0% | 0% | 0% | 5% | 94% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 292 | 190 | 0 | 289 | 293 | 595 |
| LT Vol | 285 | 190 | 0 | 10 | 0 | 0 |
| Through Vol | 7 | 0 | 0 | 279 | 279 | 35 |
| RT Vol | 0 | 0 | 0 | 0 | 14 | 560 |
| Lane Flow Rate | 307 | 200 | 0 | 304 | 308 | 626 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.708 | 0.522 | 0 | 0.691 | 0.696 | 1.232 |
| Departure Headway (Hd) | 8.936 | 10.175 | 9.648 | 8.836 | 8.784 | 7.08 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 409 | 356 | 0 | 413 | 416 | 514 |
| Service Time | 6.936 | 7.875 | 7.348 | 6.536 | 6.484 | 5.139 |
| HCM Lane V/C Ratio | 0.751 | 0.562 | 0 | 0.736 | 0.74 | 1.218 |
| HCM Control Delay | 30.9 | 23.5 | 12.3 | 29.1 | 29.3 | 144.1 |
| HCM Lane LOS | D | C | N | D | D | F |
| HCM 95th-tile Q | 5.3 | 2.9 | 0 | 5.1 | 5.2 | 24.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.3 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 18 | 163 | 464 | 3 | 17 | 136 |
| Future Vol, veh/h | 18 | 163 | 464 | 3 | 17 | 136 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 21 | 194 | 552 | 4 | 20 | 162 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 556 | 0 | - | 0 | 788 | 552 |
| Stage 1 | - | - | - | - | 552 | - |
| Stage 2 | - | - | - | - | 236 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1025 | - | - | - | 363 | 537 |
| Stage 1 | - | - | - | - | 581 | - |
| Stage 2 | - | - | - | - | 808 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1025 | - | - | - | 356 | 537 |
| Mov Cap-2 Maneuver | - | - | - | - | 356 | - |
| Stage 1 | - | - | - | - | 569 | - |
| Stage 2 | - | - | - | - | 808 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0.9 | 0 | 16 |
| HCM LOS | | | C |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1025 | - | - | - | 508 |
| HCM Lane V/C Ratio | 0.021 | - | - | - | 0.359 |
| HCM Control Delay (s) | 8.6 | - | - | - | 16 |
| HCM Lane LOS | A | - | - | - | C |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.6 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.5 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 162 | 385 | 20 | 46 | 59 |
| Future Vol, veh/h | 26 | 162 | 385 | 20 | 46 | 59 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 30 | 186 | 443 | 23 | 53 | 68 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 468 | 0 | - | 0 | 691 | 445 |
| Stage 1 | - | - | - | - | 445 | - |
| Stage 2 | - | - | - | - | 246 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1104 | - | - | - | 413 | 617 |
| Stage 1 | - | - | - | - | 650 | - |
| Stage 2 | - | - | - | - | 800 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1102 | - | - | - | 400 | 616 |
| Mov Cap-2 Maneuver | - | - | - | - | 400 | - |
| Stage 1 | - | - | - | - | 631 | - |
| Stage 2 | - | - | - | - | 798 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.2 | 0 | 14.5 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1102 | - | - | - | 498 |
| HCM Lane V/C Ratio | 0.027 | - | - | - | 0.242 |
| HCM Control Delay (s) | 8.4 | - | - | - | 14.5 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 0.9 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 0 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 0 | 218 | 414 | 1 | 0 | 0 |
| Future Vol, veh/h | 0 | 218 | 414 | 1 | 0 | 0 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 0 | 279 | 531 | 1 | 0 | 0 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 533 | 0 | - | 0 | 812 | 533 |
| Stage 1 | - | - | - | - | 533 | - |
| Stage 2 | - | - | - | - | 279 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1045 | - | - | - | 351 | 551 |
| Stage 1 | - | - | - | - | 593 | - |
| Stage 2 | - | - | - | - | 773 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1044 | - | - | - | 350 | 550 |
| Mov Cap-2 Maneuver | - | - | - | - | 350 | - |
| Stage 1 | - | - | - | - | 592 | - |
| Stage 2 | - | - | - | - | 772 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0 | 0 | 0 |
| HCM LOS | | | A |

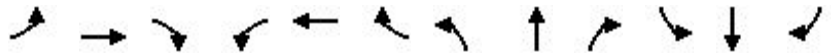
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1044 | - | - | - | - |
| HCM Lane V/C Ratio | - | - | - | - | - |
| HCM Control Delay (s) | 0 | - | - | - | 0 |
| HCM Lane LOS | A | - | - | - | A |
| HCM 95th %tile Q(veh) | 0 | - | - | - | - |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 319 | 260 | 0 | 1640 | 641 | 0 |
| Future Volume (veh/h) | 319 | 260 | 0 | 1640 | 641 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 329 | 268 | 0 | 1691 | 661 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 416 | 370 | 0 | 1959 | 1959 | 0 |
| Arrive On Green | 0.23 | 0.23 | 0.00 | 0.54 | 1.00 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 329 | 268 | 0 | 1691 | 661 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 9.4 | 8.5 | 0.0 | 22.2 | 0.0 | 0.0 |
| Cycle Q Clear(g_c), s | 9.4 | 8.5 | 0.0 | 22.2 | 0.0 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 416 | 370 | 0 | 1959 | 1959 | 0 |
| V/C Ratio(X) | 0.79 | 0.72 | 0.00 | 0.86 | 0.34 | 0.00 |
| Avail Cap(c_a), veh/h | 622 | 553 | 0 | 1959 | 1959 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.86 | 0.00 |
| Uniform Delay (d), s/veh | 19.9 | 19.6 | 0.0 | 10.8 | 0.0 | 0.0 |
| Incr Delay (d2), s/veh | 4.1 | 2.7 | 0.0 | 5.3 | 0.4 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 3.8 | 2.9 | 0.0 | 6.9 | 0.1 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 24.0 | 22.2 | 0.0 | 16.2 | 0.4 | 0.0 |
| LnGrp LOS | C | C | A | B | A | A |
| Approach Vol, veh/h | 597 | | | 1691 | 661 | |
| Approach Delay, s/veh | 23.2 | | | 16.2 | 0.4 | |
| Approach LOS | C | | | B | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 36.2 | | 18.8 | | 36.2 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 23.6 | | 18.9 | | 23.6 |
| Max Q Clear Time (g_c+I1), s | | 24.2 | | 11.4 | | 2.0 |
| Green Ext Time (p_c), s | | 0.0 | | 1.2 | | 4.1 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | | 14.1 |
| HCM 6th LOS | | B |



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 445 | 1288 | 250 | 643 | 651 | 374 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 445 | 1288 | 250 | 643 | 651 | 374 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 454 | 1314 | 255 | 656 | 664 | 382 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 594 | 2697 | 817 | 913 | 1335 | 768 |
| Arrive On Green | | | | | | | 0.34 | 1.00 | 1.00 | 0.26 | 0.61 | 0.61 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1571 | 3510 | 2186 | 1257 |
| Grp Volume(v), veh/h | | | | | | | 454 | 1314 | 255 | 656 | 548 | 498 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1571 | 1755 | 1805 | 1638 |
| Q Serve(g_s), s | | | | | | | 6.3 | 0.0 | 0.0 | 9.4 | 9.3 | 9.3 |
| Cycle Q Clear(g_c), s | | | | | | | 6.3 | 0.0 | 0.0 | 9.4 | 9.3 | 9.3 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.77 |
| Lane Grp Cap(c), veh/h | | | | | | | 594 | 2697 | 817 | 913 | 1103 | 1000 |
| V/C Ratio(X) | | | | | | | 0.76 | 0.49 | 0.31 | 0.72 | 0.50 | 0.50 |
| Avail Cap(c_a), veh/h | | | | | | | 594 | 2697 | 817 | 913 | 1103 | 1000 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.34 | 0.34 | 0.34 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 17.2 | 0.0 | 0.0 | 18.5 | 6.0 | 6.0 |
| Incr Delay (d2), s/veh | | | | | | | 1.9 | 0.2 | 0.3 | 2.4 | 1.6 | 1.8 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 2.0 | 0.1 | 0.1 | 3.4 | 2.4 | 2.2 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 19.1 | 0.2 | 0.3 | 20.9 | 7.6 | 7.7 |
| LnGrp LOS | | | | | | | B | A | A | C | A | A |
| Approach Vol, veh/h | | | | | | | | 2023 | | | 1702 | |
| Approach Delay, s/veh | | | | | | | | 4.5 | | | 12.8 | |
| Approach LOS | | | | | | | | A | | | B | |

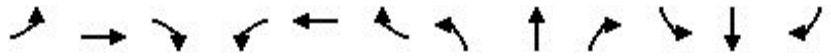
| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 20.0 | 35.0 | | 15.0 | 40.0 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 14.3 | * 29 | | 9.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 11.4 | 2.0 | | 8.3 | 11.3 |
| Green Ext Time (p_c), s | 0.5 | 11.2 | | 0.1 | 6.8 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 8.3 |
| HCM 6th LOS | A |

**Notes**

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 162 | 228 | 180 | 434 | 632 | 303 | 270 | 813 | 450 | 349 | 1234 | 313 |
| Future Volume (veh/h) | 162 | 228 | 180 | 434 | 632 | 303 | 270 | 813 | 450 | 349 | 1234 | 313 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.97 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 171 | 240 | 189 | 457 | 665 | 319 | 284 | 856 | 474 | 367 | 1299 | 329 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 246 | 421 | 351 | 1025 | 796 | 382 | 369 | 1039 | 924 | 393 | 1063 | 466 |
| Arrive On Green | 0.07 | 0.12 | 0.12 | 0.29 | 0.34 | 0.34 | 0.11 | 0.29 | 0.29 | 0.11 | 0.29 | 0.29 |
| Sat Flow, veh/h | 3510 | 3610 | 1559 | 3510 | 2351 | 1128 | 3510 | 3610 | 1579 | 3510 | 3610 | 1582 |
| Grp Volume(v), veh/h | 171 | 240 | 189 | 457 | 511 | 473 | 284 | 856 | 474 | 367 | 1299 | 329 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1559 | 1755 | 1805 | 1673 | 1755 | 1805 | 1579 | 1755 | 1805 | 1582 |
| Q Serve(g_s), s | 4.5 | 5.9 | 4.4 | 9.9 | 24.5 | 24.5 | 7.4 | 20.8 | 0.0 | 9.7 | 27.6 | 17.4 |
| Cycle Q Clear(g_c), s | 4.5 | 5.9 | 4.4 | 9.9 | 24.5 | 24.5 | 7.4 | 20.8 | 0.0 | 9.7 | 27.6 | 17.4 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.67 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 246 | 421 | 351 | 1025 | 611 | 566 | 369 | 1039 | 924 | 393 | 1063 | 466 |
| V/C Ratio(X) | 0.70 | 0.57 | 0.54 | 0.45 | 0.84 | 0.84 | 0.77 | 0.82 | 0.51 | 0.93 | 1.22 | 0.71 |
| Avail Cap(c_a), veh/h | 393 | 1174 | 676 | 1025 | 779 | 722 | 580 | 1174 | 984 | 393 | 1063 | 466 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 42.6 | 39.2 | 12.4 | 27.0 | 28.6 | 28.6 | 40.9 | 31.2 | 11.7 | 41.3 | 33.1 | 29.5 |
| Incr Delay (d2), s/veh | 3.5 | 1.2 | 1.3 | 0.3 | 6.3 | 6.8 | 3.4 | 4.4 | 0.4 | 29.3 | 108.5 | 4.8 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 2.0 | 2.6 | 1.8 | 4.0 | 11.0 | 10.2 | 3.2 | 9.1 | 5.2 | 5.6 | 27.2 | 6.9 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 46.2 | 40.4 | 13.7 | 27.3 | 35.0 | 35.4 | 44.3 | 35.6 | 12.2 | 70.6 | 141.6 | 34.3 |
| LnGrp LOS | D | D | B | C | C | D | D | D | B | E | F | C |
| Approach Vol, veh/h | | 600 | | | 1441 | | | 1614 | | | 1995 | |
| Approach Delay, s/veh | | 33.6 | | | 32.7 | | | 30.3 | | | 110.9 | |
| Approach LOS | | C | | | C | | | C | | | F | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 15.0 | 31.5 | 31.9 | 15.4 | 14.4 | 32.1 | 11.1 | 36.3 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 30.5 | 20.5 | 30.5 | 15.5 | 25.5 | 10.5 | 40.5 |
| Max Q Clear Time (g_c+I1), s | 11.7 | 22.8 | 11.9 | 7.9 | 9.4 | 29.6 | 6.5 | 26.5 |
| Green Ext Time (p_c), s | 0.0 | 4.2 | 1.1 | 2.0 | 0.5 | 0.0 | 0.2 | 5.3 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 59.7 |
| HCM 6th LOS | E |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 76.4 |
| Intersection LOS | F |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 448 | 0 | 0 | 11 | 591 | 40 | 360 | 10 | 0 | 0 | 16 | 214 |
| Future Vol, veh/h | 448 | 0 | 0 | 11 | 591 | 40 | 360 | 10 | 0 | 0 | 16 | 214 |
| Peak Hour Factor | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 477 | 0 | 0 | 12 | 629 | 43 | 383 | 11 | 0 | 0 | 17 | 228 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 161.7 | 42.5 | 63.3 | 25.7 |
| HCM LOS | F | E | F | D |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 97% | 100% | 0% | 4% | 0% | 0% |
| Vol Thru, % | 3% | 0% | 100% | 96% | 88% | 7% |
| Vol Right, % | 0% | 0% | 0% | 0% | 12% | 93% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 370 | 448 | 0 | 307 | 336 | 230 |
| LT Vol | 360 | 448 | 0 | 11 | 0 | 0 |
| Through Vol | 10 | 0 | 0 | 296 | 296 | 16 |
| RT Vol | 0 | 0 | 0 | 0 | 40 | 214 |
| Lane Flow Rate | 394 | 477 | 0 | 326 | 357 | 245 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.94 | 1.253 | 0 | 0.783 | 0.847 | 0.592 |
| Departure Headway (Hd) | 9.381 | 9.462 | 8.939 | 9.353 | 9.247 | 9.624 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 390 | 386 | 0 | 391 | 396 | 377 |
| Service Time | 7.381 | 7.162 | 6.639 | 7.053 | 6.947 | 7.624 |
| HCM Lane V/C Ratio | 1.01 | 1.236 | 0 | 0.834 | 0.902 | 0.65 |
| HCM Control Delay | 63.3 | 161.7 | 11.6 | 38.6 | 46.1 | 25.7 |
| HCM Lane LOS | F | F | N | E | E | D |
| HCM 95th-tile Q | 10.3 | 20.7 | 0 | 6.6 | 8 | 3.7 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.2 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 191 | 293 | 161 | 19 | 5 | 75 |
| Future Vol, veh/h | 191 | 293 | 161 | 19 | 5 | 75 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 227 | 349 | 192 | 23 | 6 | 89 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 215 | 0 | - | 0 | 995 | 192 |
| Stage 1 | - | - | - | - | 192 | - |
| Stage 2 | - | - | - | - | 803 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1367 | - | - | - | 274 | 855 |
| Stage 1 | - | - | - | - | 845 | - |
| Stage 2 | - | - | - | - | 444 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1367 | - | - | - | 229 | 855 |
| Mov Cap-2 Maneuver | - | - | - | - | 229 | - |
| Stage 1 | - | - | - | - | 705 | - |
| Stage 2 | - | - | - | - | 444 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 3.2 | 0 | 10.7 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1367 | - | - | - | 730 |
| HCM Lane V/C Ratio | 0.166 | - | - | - | 0.13 |
| HCM Control Delay (s) | 8.2 | - | - | - | 10.7 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.6 | - | - | - | 0.4 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 1.6 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 60 | 204 | 159 | 49 | 9 | 25 |
| Future Vol, veh/h | 60 | 204 | 159 | 49 | 9 | 25 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 69 | 234 | 183 | 56 | 10 | 29 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 241 | 0 | - | 0 | 557 | 185 |
| Stage 1 | - | - | - | - | 185 | - |
| Stage 2 | - | - | - | - | 372 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1337 | - | - | - | 495 | 862 |
| Stage 1 | - | - | - | - | 852 | - |
| Stage 2 | - | - | - | - | 702 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1334 | - | - | - | 467 | 860 |
| Mov Cap-2 Maneuver | - | - | - | - | 467 | - |
| Stage 1 | - | - | - | - | 806 | - |
| Stage 2 | - | - | - | - | 701 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.8 | 0 | 10.4 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1334 | - | - | - | 703 |
| HCM Lane V/C Ratio | 0.052 | - | - | - | 0.056 |
| HCM Control Delay (s) | 7.8 | - | - | - | 10.4 |
| HCM Lane LOS | A | - | - | - | B |
| HCM 95th %tile Q(veh) | 0.2 | - | - | - | 0.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.4 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 103 | 109 | 206 | 18 | 4 | 22 |
| Future Vol, veh/h | 103 | 109 | 206 | 18 | 4 | 22 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 132 | 140 | 264 | 23 | 5 | 28 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 288 | 0 | - | 0 | 681 | 277 |
| Stage 1 | - | - | - | - | 277 | - |
| Stage 2 | - | - | - | - | 404 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1286 | - | - | - | 419 | 767 |
| Stage 1 | - | - | - | - | 774 | - |
| Stage 2 | - | - | - | - | 679 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1285 | - | - | - | 372 | 766 |
| Mov Cap-2 Maneuver | - | - | - | - | 372 | - |
| Stage 1 | - | - | - | - | 687 | - |
| Stage 2 | - | - | - | - | 678 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 3.9 | 0 | 10.8 |
| HCM LOS | | | B |

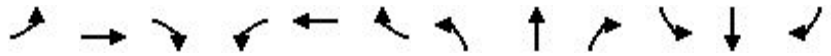
| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1285 | - | - | - | 659 |
| HCM Lane V/C Ratio | 0.103 | - | - | - | 0.051 |
| HCM Control Delay (s) | 8.1 | 0 | - | - | 10.8 |
| HCM Lane LOS | A | A | - | - | B |
| HCM 95th %tile Q(veh) | 0.3 | - | - | - | 0.2 |



| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Volume (veh/h) | 564 | 490 | 0 | 1740 | 628 | 0 |
| Future Volume (veh/h) | 564 | 490 | 0 | 1740 | 628 | 0 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | 1.00 | | | 1.00 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 0 | 1900 | 1900 | 0 |
| Adj Flow Rate, veh/h | 581 | 505 | 0 | 1794 | 647 | 0 |
| Peak Hour Factor | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 570 | 507 | 0 | 1721 | 1721 | 0 |
| Arrive On Green | 0.31 | 0.31 | 0.00 | 0.48 | 0.95 | 0.00 |
| Sat Flow, veh/h | 1810 | 1610 | 0 | 3800 | 3800 | 0 |
| Grp Volume(v), veh/h | 581 | 505 | 0 | 1794 | 647 | 0 |
| Grp Sat Flow(s),veh/h/ln | 1810 | 1610 | 0 | 1805 | 1805 | 0 |
| Q Serve(g_s), s | 18.9 | 18.8 | 0.0 | 28.6 | 0.8 | 0.0 |
| Cycle Q Clear(g_c), s | 18.9 | 18.8 | 0.0 | 28.6 | 0.8 | 0.0 |
| Prop In Lane | 1.00 | 1.00 | 0.00 | | | 0.00 |
| Lane Grp Cap(c), veh/h | 570 | 507 | 0 | 1721 | 1721 | 0 |
| V/C Ratio(X) | 1.02 | 1.00 | 0.00 | 1.04 | 0.38 | 0.00 |
| Avail Cap(c_a), veh/h | 570 | 507 | 0 | 1721 | 1721 | 0 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 0.00 | 1.00 | 0.82 | 0.00 |
| Uniform Delay (d), s/veh | 20.5 | 20.5 | 0.0 | 15.7 | 0.8 | 0.0 |
| Incr Delay (d2), s/veh | 42.6 | 38.8 | 0.0 | 33.7 | 0.5 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 13.3 | 11.2 | 0.0 | 16.5 | 0.3 | 0.0 |
| Unsig. Movement Delay, s/veh | | | | | | |
| LnGrp Delay(d),s/veh | 63.2 | 59.3 | 0.0 | 49.4 | 1.3 | 0.0 |
| LnGrp LOS | F | E | A | F | A | A |
| Approach Vol, veh/h | 1086 | | | 1794 | 647 | |
| Approach Delay, s/veh | 61.4 | | | 49.4 | 1.3 | |
| Approach LOS | E | | | D | A | |

| Timer - Assigned Phs | | 2 | | 4 | | 6 |
|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | | 35.0 | | 25.0 | | 35.0 |
| Change Period (Y+Rc), s | | 6.4 | | 6.1 | | 6.4 |
| Max Green Setting (Gmax), s | | 28.6 | | 18.9 | | 28.6 |
| Max Q Clear Time (g_c+I1), s | | 30.6 | | 20.9 | | 2.8 |
| Green Ext Time (p_c), s | | 0.0 | | 0.0 | | 4.2 |

| Intersection Summary | | |
|---|---|---|
| HCM 6th Ctrl Delay | | 44.3 |
| HCM 6th LOS | | D |



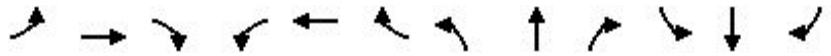
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 1694 | 240 | 718 | 658 | 412 |
| Future Volume (veh/h) | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 1694 | 240 | 718 | 658 | 412 |
| Initial Q (Qb), veh | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | | | | | | | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | | | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | | | | | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | | | | | | | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | | | | | | | 306 | 1729 | 245 | 733 | 671 | 420 |
| Peak Hour Factor | | | | | | | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Percent Heavy Veh, % | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | | | | | | | 837 | 2905 | 880 | 837 | 1182 | 738 |
| Arrive On Green | | | | | | | 0.48 | 1.00 | 1.00 | 0.24 | 0.56 | 0.56 |
| Sat Flow, veh/h | | | | | | | 3510 | 5187 | 1571 | 3510 | 2111 | 1319 |
| Grp Volume(v), veh/h | | | | | | | 306 | 1729 | 245 | 733 | 574 | 517 |
| Grp Sat Flow(s),veh/h/ln | | | | | | | 1755 | 1729 | 1571 | 1755 | 1805 | 1624 |
| Q Serve(g_s), s | | | | | | | 3.3 | 0.0 | 0.0 | 12.1 | 12.3 | 12.3 |
| Cycle Q Clear(g_c), s | | | | | | | 3.3 | 0.0 | 0.0 | 12.1 | 12.3 | 12.3 |
| Prop In Lane | | | | | | | 1.00 | | 1.00 | 1.00 | | 0.81 |
| Lane Grp Cap(c), veh/h | | | | | | | 837 | 2905 | 880 | 837 | 1011 | 910 |
| V/C Ratio(X) | | | | | | | 0.37 | 0.60 | 0.28 | 0.88 | 0.57 | 0.57 |
| Avail Cap(c_a), veh/h | | | | | | | 837 | 2905 | 880 | 837 | 1011 | 910 |
| HCM Platoon Ratio | | | | | | | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | | | | | | | 0.09 | 0.09 | 0.09 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | | | | | | | 12.8 | 0.0 | 0.0 | 22.0 | 8.5 | 8.5 |
| Incr Delay (d2), s/veh | | | | | | | 0.0 | 0.1 | 0.1 | 10.0 | 2.3 | 2.6 |
| Initial Q Delay(d3),s/veh | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | | | | | | | 1.0 | 0.0 | 0.0 | 5.4 | 3.8 | 3.5 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | | | | | | | 12.8 | 0.1 | 0.1 | 32.0 | 10.8 | 11.1 |
| LnGrp LOS | | | | | | | B | A | A | C | B | B |
| Approach Vol, veh/h | | | | | | | | 2280 | | | 1824 | |
| Approach Delay, s/veh | | | | | | | | 1.8 | | | 19.4 | |
| Approach LOS | | | | | | | | A | | | B | |

| Timer - Assigned Phs | 1 | 2 | | 5 | 6 |
|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 20.0 | 40.0 | | 20.0 | 40.0 |
| Change Period (Y+Rc), s | 5.7 | * 6.4 | | 5.7 | * 6.4 |
| Max Green Setting (Gmax), s | 14.3 | * 34 | | 14.3 | * 34 |
| Max Q Clear Time (g_c+I1), s | 14.1 | 2.0 | | 5.3 | 14.3 |
| Green Ext Time (p_c), s | 0.1 | 16.8 | | 0.4 | 6.8 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 9.6 |
| HCM 6th LOS | A |

**Notes**

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Volume (veh/h) | 423 | 702 | 435 | 614 | 642 | 354 | 310 | 1150 | 499 | 290 | 670 | 232 |
| Future Volume (veh/h) | 423 | 702 | 435 | 614 | 642 | 354 | 310 | 1150 | 499 | 290 | 670 | 232 |
| Initial Q (Qb), veh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 | 1.00 | | 0.98 |
| Parking Bus, Adj | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | | No | | | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Adj Flow Rate, veh/h | 445 | 739 | 458 | 646 | 676 | 373 | 326 | 1211 | 525 | 305 | 705 | 244 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Percent Heavy Veh, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cap, veh/h | 453 | 797 | 526 | 658 | 622 | 343 | 389 | 1279 | 862 | 307 | 1194 | 523 |
| Arrive On Green | 0.13 | 0.22 | 0.22 | 0.19 | 0.28 | 0.28 | 0.11 | 0.35 | 0.35 | 0.09 | 0.33 | 0.33 |
| Sat Flow, veh/h | 3510 | 3610 | 1574 | 3510 | 2228 | 1228 | 3510 | 3610 | 1581 | 3510 | 3610 | 1583 |
| Grp Volume(v), veh/h | 445 | 739 | 458 | 646 | 548 | 501 | 326 | 1211 | 525 | 305 | 705 | 244 |
| Grp Sat Flow(s),veh/h/ln | 1755 | 1805 | 1574 | 1755 | 1805 | 1651 | 1755 | 1805 | 1581 | 1755 | 1805 | 1583 |
| Q Serve(g_s), s | 15.2 | 24.1 | 26.5 | 22.0 | 33.5 | 33.5 | 10.9 | 39.1 | 27.3 | 10.4 | 19.5 | 14.6 |
| Cycle Q Clear(g_c), s | 15.2 | 24.1 | 26.5 | 22.0 | 33.5 | 33.5 | 10.9 | 39.1 | 27.3 | 10.4 | 19.5 | 14.6 |
| Prop In Lane | 1.00 | | 1.00 | 1.00 | | 0.74 | 1.00 | | 1.00 | 1.00 | | 1.00 |
| Lane Grp Cap(c), veh/h | 453 | 797 | 526 | 658 | 504 | 461 | 389 | 1279 | 862 | 307 | 1194 | 523 |
| V/C Ratio(X) | 0.98 | 0.93 | 0.87 | 0.98 | 1.09 | 1.09 | 0.84 | 0.95 | 0.61 | 0.99 | 0.59 | 0.47 |
| Avail Cap(c_a), veh/h | 453 | 797 | 526 | 658 | 504 | 461 | 483 | 1279 | 862 | 307 | 1194 | 523 |
| HCM Platoon Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 52.1 | 45.8 | 37.8 | 48.5 | 43.3 | 43.3 | 52.3 | 37.7 | 18.9 | 54.7 | 33.4 | 31.8 |
| Incr Delay (d2), s/veh | 37.3 | 16.8 | 14.6 | 30.3 | 65.7 | 67.7 | 10.2 | 15.3 | 3.2 | 49.3 | 2.1 | 3.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 8.9 | 12.4 | 14.4 | 12.2 | 23.7 | 21.9 | 5.2 | 19.1 | 10.1 | 6.6 | 8.6 | 5.9 |
| Unsig. Movement Delay, s/veh | | | | | | | | | | | | |
| LnGrp Delay(d),s/veh | 89.4 | 62.6 | 52.4 | 78.9 | 108.9 | 111.0 | 62.5 | 53.0 | 22.1 | 104.0 | 35.5 | 34.7 |
| LnGrp LOS | F | E | D | E | F | F | E | D | C | F | D | C |
| Approach Vol, veh/h | | 1642 | | | 1695 | | | 2062 | | | 1254 | |
| Approach Delay, s/veh | | 67.0 | | | 98.1 | | | 46.6 | | | 52.0 | |
| Approach LOS | | E | | | F | | | D | | | D | |

| Timer - Assigned Phs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Phs Duration (G+Y+Rc), s | 15.0 | 47.0 | 27.0 | 31.0 | 17.8 | 44.2 | 20.0 | 38.0 |
| Change Period (Y+Rc), s | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Max Green Setting (Gmax), s | 10.5 | 42.5 | 22.5 | 26.5 | 16.5 | 36.5 | 15.5 | 33.5 |
| Max Q Clear Time (g_c+I1), s | 12.4 | 41.1 | 24.0 | 28.5 | 12.9 | 21.5 | 17.2 | 35.5 |
| Green Ext Time (p_c), s | 0.0 | 1.1 | 0.0 | 0.0 | 0.4 | 4.6 | 0.0 | 0.0 |

| Intersection Summary | |
|---|---|
| HCM 6th Ctrl Delay | 65.8 |
| HCM 6th LOS | E |

| Intersection | |
|---|---|
| Intersection Delay, s/veh | 84.2 |
| Intersection LOS | F |

| Movement | EBL | EBT | EBR | WBL | WBT | WBR | NBL | NBT | NBR | SBL | SBT | SBR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | | | | | | | |
| Traffic Vol, veh/h | 198 | 0 | 0 | 10 | 557 | 14 | 285 | 7 | 0 | 0 | 35 | 593 |
| Future Vol, veh/h | 198 | 0 | 0 | 10 | 557 | 14 | 285 | 7 | 0 | 0 | 35 | 593 |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 208 | 0 | 0 | 11 | 586 | 15 | 300 | 7 | 0 | 0 | 37 | 624 |
| Number of Lanes | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| Approach | EB | WB | NB | SB |
|---|---|---|---|---|
| Opposing Approach | WB | EB | SB | NB |
| Opposing Lanes | 2 | 2 | 1 | 1 |
| Conflicting Approach Left | SB | NB | EB | WB |
| Conflicting Lanes Left | 1 | 1 | 2 | 2 |
| Conflicting Approach Right | NB | SB | WB | EB |
| Conflicting Lanes Right | 1 | 1 | 2 | 2 |
| HCM Control Delay | 24.8 | 30.2 | 32 | 177.1 |
| HCM LOS | C | D | D | F |

| Lane | NBLn1 | EBLn1 | EBLn2 | WBLn1 | WBLn2 | SBLn1 |
|---|---|---|---|---|---|---|
| Vol Left, % | 98% | 100% | 0% | 3% | 0% | 0% |
| Vol Thru, % | 2% | 0% | 100% | 97% | 95% | 6% |
| Vol Right, % | 0% | 0% | 0% | 0% | 5% | 94% |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop |
| Traffic Vol by Lane | 292 | 198 | 0 | 289 | 293 | 628 |
| LT Vol | 285 | 198 | 0 | 10 | 0 | 0 |
| Through Vol | 7 | 0 | 0 | 279 | 279 | 35 |
| RT Vol | 0 | 0 | 0 | 0 | 14 | 593 |
| Lane Flow Rate | 307 | 208 | 0 | 304 | 308 | 661 |
| Geometry Grp | 2 | 5 | 5 | 5 | 5 | 2 |
| Degree of Util (X) | 0.714 | 0.546 | 0 | 0.696 | 0.701 | 1.314 |
| Departure Headway (Hd) | 9.177 | 10.363 | 9.836 | 9.056 | 9.003 | 7.156 |
| Convergence, Y/N | Yes | Yes | Yes | Yes | Yes | Yes |
| Cap | 397 | 350 | 0 | 401 | 403 | 509 |
| Service Time | 7.177 | 8.063 | 7.536 | 6.756 | 6.703 | 5.21 |
| HCM Lane V/C Ratio | 0.773 | 0.594 | 0 | 0.758 | 0.764 | 1.299 |
| HCM Control Delay | 32 | 24.8 | 12.5 | 30 | 30.3 | 177.1 |
| HCM Lane LOS | D | C | N | D | D | F |
| HCM 95th-tile Q | 5.4 | 3.1 | 0 | 5.1 | 5.2 | 28.3 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 3.4 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 18 | 189 | 562 | 3 | 17 | 136 |
| Future Vol, veh/h | 18 | 189 | 562 | 3 | 17 | 136 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 115 | - | - | 115 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 21 | 225 | 669 | 4 | 20 | 162 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 673 | 0 | - | 0 | 936 | 669 |
| Stage 1 | - | - | - | - | 669 | - |
| Stage 2 | - | - | - | - | 267 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 927 | - | - | - | 297 | 461 |
| Stage 1 | - | - | - | - | 513 | - |
| Stage 2 | - | - | - | - | 782 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 927 | - | - | - | 290 | 461 |
| Mov Cap-2 Maneuver | - | - | - | - | 290 | - |
| Stage 1 | - | - | - | - | 501 | - |
| Stage 2 | - | - | - | - | 782 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0.8 | 0 | 19.2 |
| HCM LOS | | | C |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 927 | - | - | - | 433 |
| HCM Lane V/C Ratio | 0.023 | - | - | - | 0.421 |
| HCM Control Delay (s) | 9 | - | - | - | 19.2 |
| HCM Lane LOS | A | - | - | - | C |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.5 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 188 | 483 | 20 | 46 | 59 |
| Future Vol, veh/h | 26 | 188 | 483 | 20 | 46 | 59 |
| Conflicting Peds, #/hr | 2 | 0 | 0 | 2 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | 175 | - | - | 100 | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 87 | 87 | 87 | 87 | 87 | 87 |
| Heavy Vehicles, % | 0 | 0 | 0 | 2 | 0 | 0 |
| Mvmt Flow | 30 | 216 | 555 | 23 | 53 | 68 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 580 | 0 | - | 0 | 833 | 557 |
| Stage 1 | - | - | - | - | 557 | - |
| Stage 2 | - | - | - | - | 276 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1004 | - | - | - | 341 | 534 |
| Stage 1 | - | - | - | - | 578 | - |
| Stage 2 | - | - | - | - | 775 | - |
| Platoon blocked, % | | | - | - | - | |
| Mov Cap-1 Maneuver | 1002 | - | - | - | 329 | 533 |
| Mov Cap-2 Maneuver | - | - | - | - | 329 | - |
| Stage 1 | - | - | - | - | 560 | - |
| Stage 2 | - | - | - | - | 773 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 1.1 | 0 | 17 |
| HCM LOS | | | C |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1002 | - | - | - | 419 |
| HCM Lane V/C Ratio | 0.03 | - | - | - | 0.288 |
| HCM Control Delay (s) | 8.7 | - | - | - | 17 |
| HCM Lane LOS | A | - | - | - | C |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.2 |

| Intersection | |
|---|---|
| Int Delay, s/veh | 2.6 |

| Movement | EBL | EBT | WBT | WBR | SBL | SBR |
|---|---|---|---|---|---|---|
| Lane Configurations | | | | | | |
| Traffic Vol, veh/h | 26 | 218 | 414 | 5 | 18 | 98 |
| Future Vol, veh/h | 26 | 218 | 414 | 5 | 18 | 98 |
| Conflicting Peds, #/hr | 1 | 0 | 0 | 1 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 78 | 78 | 78 | 78 | 78 | 78 |
| Heavy Vehicles, % | 0 | 0 | 0 | 0 | 0 | 0 |
| Mvmt Flow | 33 | 279 | 531 | 6 | 23 | 126 |

| Major/Minor | Major1 | | Major2 | | Minor2 | |
|---|---|---|---|---|---|---|
| Conflicting Flow All | 538 | 0 | - | 0 | 880 | 535 |
| Stage 1 | - | - | - | - | 535 | - |
| Stage 2 | - | - | - | - | 345 | - |
| Critical Hdwy | 4.1 | - | - | - | 6.4 | 6.2 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.4 | - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.4 | - |
| Follow-up Hdwy | 2.2 | - | - | - | 3.5 | 3.3 |
| Pot Cap-1 Maneuver | 1040 | - | - | - | 320 | 549 |
| Stage 1 | - | - | - | - | 591 | - |
| Stage 2 | - | - | - | - | 722 | - |
| Platoon blocked, % | | - | - | - | | |
| Mov Cap-1 Maneuver | 1039 | - | - | - | 307 | 548 |
| Mov Cap-2 Maneuver | - | - | - | - | 307 | - |
| Stage 1 | - | - | - | - | 568 | - |
| Stage 2 | - | - | - | - | 721 | - |

| Approach | EB | WB | SB |
|---|---|---|---|
| HCM Control Delay, s | 0.9 | 0 | 15.6 |
| HCM LOS | | | C |

| Minor Lane/Major Mvmt | EBL | EBT | WBT | WBR | SBLn1 |
|---|---|---|---|---|---|
| Capacity (veh/h) | 1039 | - | - | - | 488 |
| HCM Lane V/C Ratio | 0.032 | - | - | - | 0.305 |
| HCM Control Delay (s) | 8.6 | 0 | - | - | 15.6 |
| HCM Lane LOS | A | A | - | - | C |
| HCM 95th %tile Q(veh) | 0.1 | - | - | - | 1.3 |

# Appendix I

Excerpt from AASHTO - Left Turn Lane Evaluation

Table 9-24. Suggested Left-Turn Lane Guidelines Based on Results from Benefit–Cost Evaluations for Unsignalized Intersections on Arterials in Urban Areas (*16*)

| Left-Turn Lane Peak-Hour Volume (veh/h) | Three-Leg Intersection, Major-Road Volume (veh/h/ln) that Warrants a Left-Turn Lane | Four-Leg Intersection, Major-Road Volume (veh/h/ln) that Warrants a Left-Turn Lane |
|---|---|---|
| 5 | 450 | 50 |
| 10 | 300 | 50 |
| 15 | 250 | 50 |
| 20 | 200 | 50 |
| 25 | 200 | 50 |
| 30 | 150 | 50 |
| 35 | 150 | 50 |
| 40 | 150 | 50 |
| 45 | 150 | < 50 |
| 50 or More | 100 | < 50 |

Note: These guidelines apply where the major road is uncontrolled and the minor-road approaches are stop- or yield-controlled. Both the left-turn peak-hour volume and the major-road volume warrants should be met as shown in Figure 9-35.

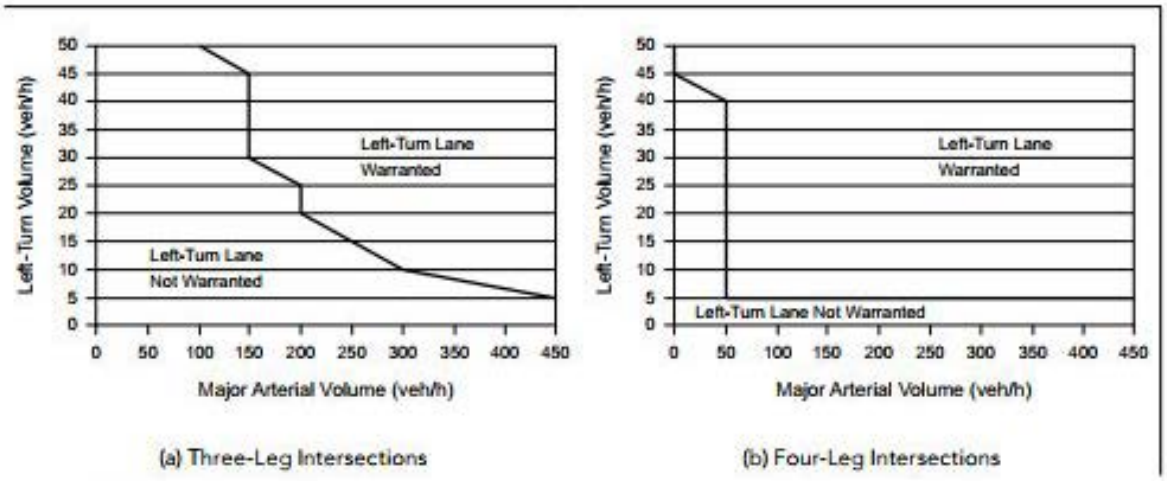



Figure 9-35. Suggested Left-Turn Lane Warrants Based on Results from Benefit–Cost Evaluations for Intersections on Arterials in Urban Areas (*16*)

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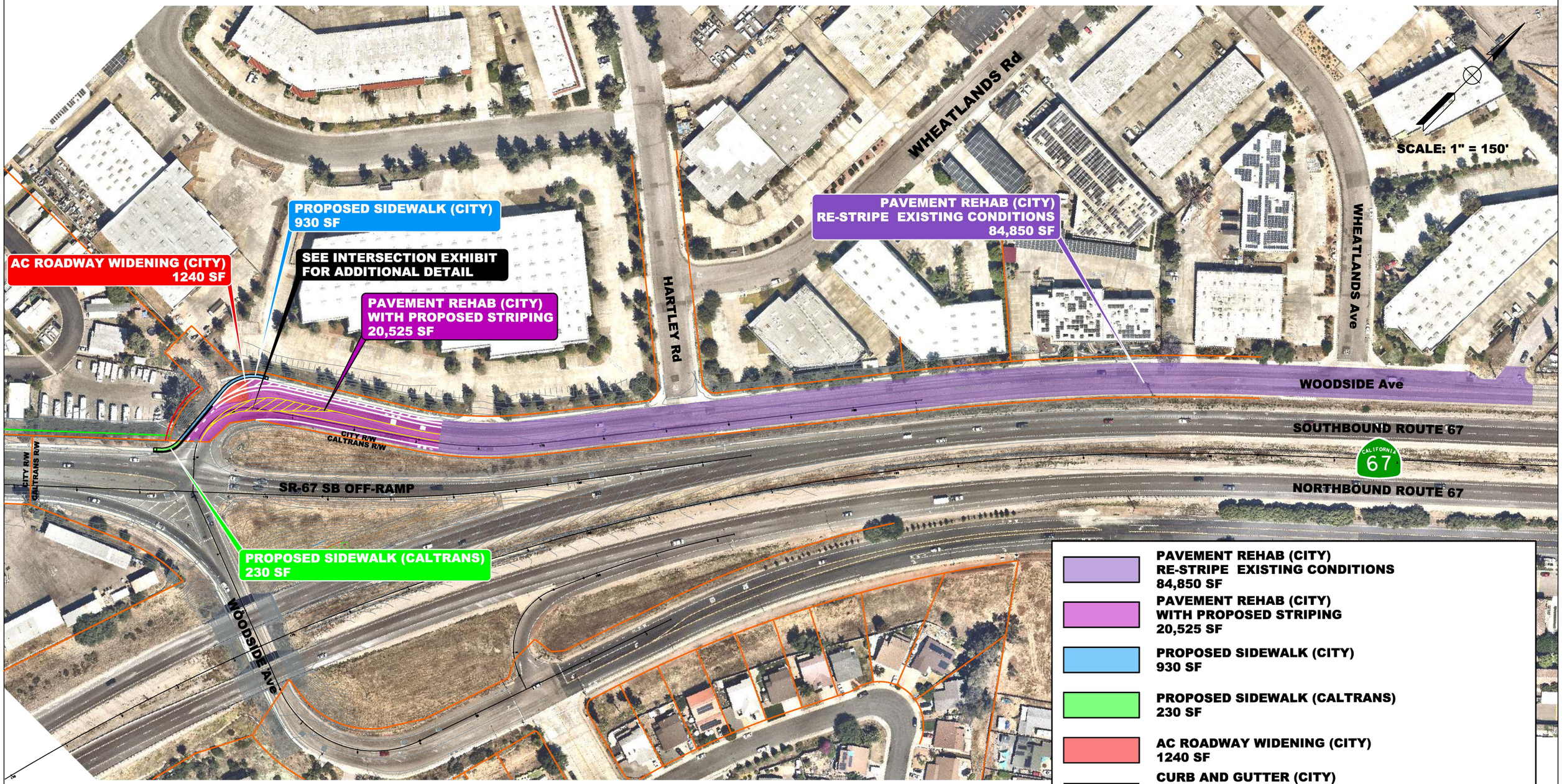
# Appendix J

Conceptual Sketch - N. Woodside Avenue/
S. Woodside Avenue - SR-67 SB Off-Ramp Intersection

# City of Santee

# Southbound SR-67 Off-Ramp / N Woodside Ave Intersection




DOKKEN ENGINEERING

# Improvement Exhibit - Option 1

# Appendix K
Queuing Worksheets

## Intersection: 4: Woodside Avenue & SR-67 SB Off-Ramp & N. Woodside Avenue

| Movement | EB | EB | WB | WB | NB | SB |
|---|---|---|---|---|---|---|
| Directions Served | LT | R | LT | TR | LT | TR |
| Maximum Queue (ft) | 239 | 97 | 372 | 253 | 279 | 93 |
| Average Queue (ft) | 113 | 6 | 167 | 127 | 123 | 48 |
| 95th Queue (ft) | 208 | 49 | 352 | 245 | 259 | 83 |
| Link Distance (ft) | 1888 | 1888 | 1208 | | 911 | 99 |
| Upstream Blk Time (%) | | | | | | 0 |
| Queuing Penalty (veh) | | | | | | 0 |
| Storage Bay Dist (ft) | | | | 265 | | |
| Storage Blk Time (%) | | | 4 | 3 | | |
| Queuing Penalty (veh) | | | 13 | 8 | | |

## Intersection: 4: Woodside Avenue & SR-67 SB Off-Ramp & N. Woodside Avenue

| Movement | EB | EB | WB | WB | NB | SB | B10 |
|---|---|---|---|---|---|---|---|
| Directions Served | LT | R | LT | TR | LT | TR | T |
| Maximum Queue (ft) | 560 | 914 | 138 | 97 | 209 | 170 | 314 |
| Average Queue (ft) | 119 | 286 | 66 | 34 | 81 | 119 | 62 |
| 95th Queue (ft) | 410 | 822 | 108 | 69 | 159 | 194 | 271 |
| Link Distance (ft) | 1888 | 1888 | 1208 | | 911 | 99 | 676 |
| Upstream Blk Time (%) | | | | | | 27 | |
| Queuing Penalty (veh) | | | | | | 171 | |
| Storage Bay Dist (ft) | | | | 265 | | | |
| Storage Blk Time (%) | | | | | | | |
| Queuing Penalty (veh) | | | | | | | |

## Intersection: 4: Woodside Avenue & SR-67 SB Off-Ramp & N. Woodside Avenue

| Movement | EB | EB | WB | WB | NB | SB |
|---|---|---|---|---|---|---|
| Directions Served | LT | R | LT | TR | LT | TR |
| Maximum Queue (ft) | 758 | 604 | 370 | 274 | 347 | 115 |
| Average Queue (ft) | 434 | 80 | 192 | 147 | 180 | 54 |
| 95th Queue (ft) | 850 | 474 | 356 | 278 | 344 | 98 |
| Link Distance (ft) | 1888 | 1888 | 1208 | | 911 | 99 |
| Upstream Blk Time (%) | | | | | | 1 |
| Queuing Penalty (veh) | | | | | | 3 |
| Storage Bay Dist (ft) | | | | 265 | | |
| Storage Blk Time (%) | | | 8 | 4 | | |
| Queuing Penalty (veh) | | | 23 | 13 | | |

## Intersection: 4: Woodside Avenue & SR-67 SB Off-Ramp & N. Woodside Avenue

| Movement | EB | EB | WB | WB | NB | SB | B10 |
|---|---|---|---|---|---|---|---|
| Directions Served | LT | R | LT | TR | LT | TR | T |
| Maximum Queue (ft) | 389 | 771 | 160 | 102 | 187 | 170 | 367 |
| Average Queue (ft) | 89 | 263 | 73 | 36 | 78 | 149 | 81 |
| 95th Queue (ft) | 257 | 640 | 124 | 77 | 154 | 198 | 266 |
| Link Distance (ft) | 1888 | 1888 | 1208 | | 911 | 99 | 676 |
| Upstream Blk Time (%) | | | | | | 49 | |
| Queuing Penalty (veh) | | | | | | 308 | |
| Storage Bay Dist (ft) | | | | 265 | | | |
| Storage Blk Time (%) | | | | | | | |
| Queuing Penalty (veh) | | | | | | | |

# Appendix L

Applicant Prepared Request for Finding of Overriding Social, Economic, and Pedestrian Safety Benefit

NORTH PALISADE
PARTNERS

October 1, 2024

Mr. Michael Coyne
City of Santee
10601 Magnolia Ave.
Santee, CA 92071
(619) 258-4100 x 160
mcoyne@cityofsanteeca.gov

*Via Email*

***Re: Request for Finding of Overriding Social, Economic, and Pedestrian Safety Benefit (Rev. 2)***
*10990 N. Woodside Avenue Santee, CA*

Dear Mr. Coyne,

After considerable study and analysis, we are writing to respectfully make an appeal to the City of Santee (the City) to accept a Level of Service (LOS) of E at the CA-67 and N. Woodside Ave. intersection ("the intersection"). The Mobility Element of the General Plan dated October 25, 2017 requires under Policy 2.1, "the City shall encourage an automobile Level of Service "D" on street segments and at intersections throughout the circulation network while also maintaining or improving the effectiveness of the non - automotive components of the circulation system (i.e. pedestrians, bicyclists, and public transit), especially in the Town Center area."

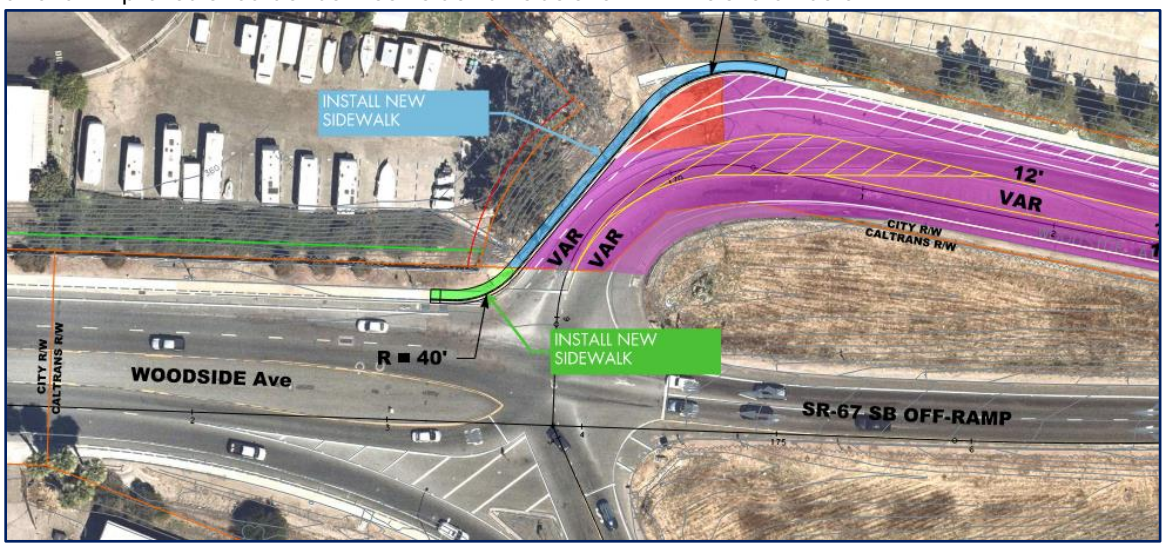
Over the past year, we have engaged in discussions with Caltrans, the City of Santee, our traffic engineer Dudek, our roadway engineer Dokken Engineering, and our Caltrans consultant The Tait Group, Inc. The conclusion to this extensive negotiation and review process is that the only improvement that Caltrans might accept at the intersection is the construction of a roundabout as documented in the Intersection Control Evaluation (ICE) dated December 1, 2017. Alternatively, a new ICE may be prepared, but would very likely yield the same result as the ICE dated December 1, 2017 and take up to a full year to complete.

We have obtained pricing for the construction of the roundabout proposed in the ICE dated December 1, 2017 and the cost of construction is in excess of $6,000,000. If conditioned to construct the roundabout, the economic burden and schedule uncertainty of Caltrans regulatory oversight would preclude development of the project.

We see no other path forward than to request that the City consider a substandard LOS at the intersection. Per the Mobility Element Policy 2.1, "the City may approve a lower automobile Level of Service if it finds that the effectiveness of non - automotive components of the circulation system would be maintained or improved as a result. In other cases, the City shall not approve any development that causes a drop in the level of service at a street segment or an intersection to LOS "E" or "F", after feasible mitigation, without overriding social, economic, or other benefits." We believe that the project meets the criteria described in Policy 2.1 and is eligible for consideration for a LOS of E at the intersection as described below:

- **The proposed improvements are feasible mitigation:** The only mitigation measure that we have identified that would be acceptable to Caltrans is the installation of the roundabout. As described above, the roundabout is economically infeasible and would preclude development of the project.

- **The effectiveness of non - automotive components of the circulation system would be maintained or improved as a result:** The project proposes to improve pedestrian circulation by installing a continuous sidewalk from N. Woodside Ave. on the east, through the street's intersection with the CA-67 offramp, and then join the existing sidewalk on Woodside Ave. on the west. Currently the sidewalk is discontinuous through this area, requiring pedestrians to traverse approximately 130'-0" of unimproved shoulder between sidewalks as shown in the sketch below:

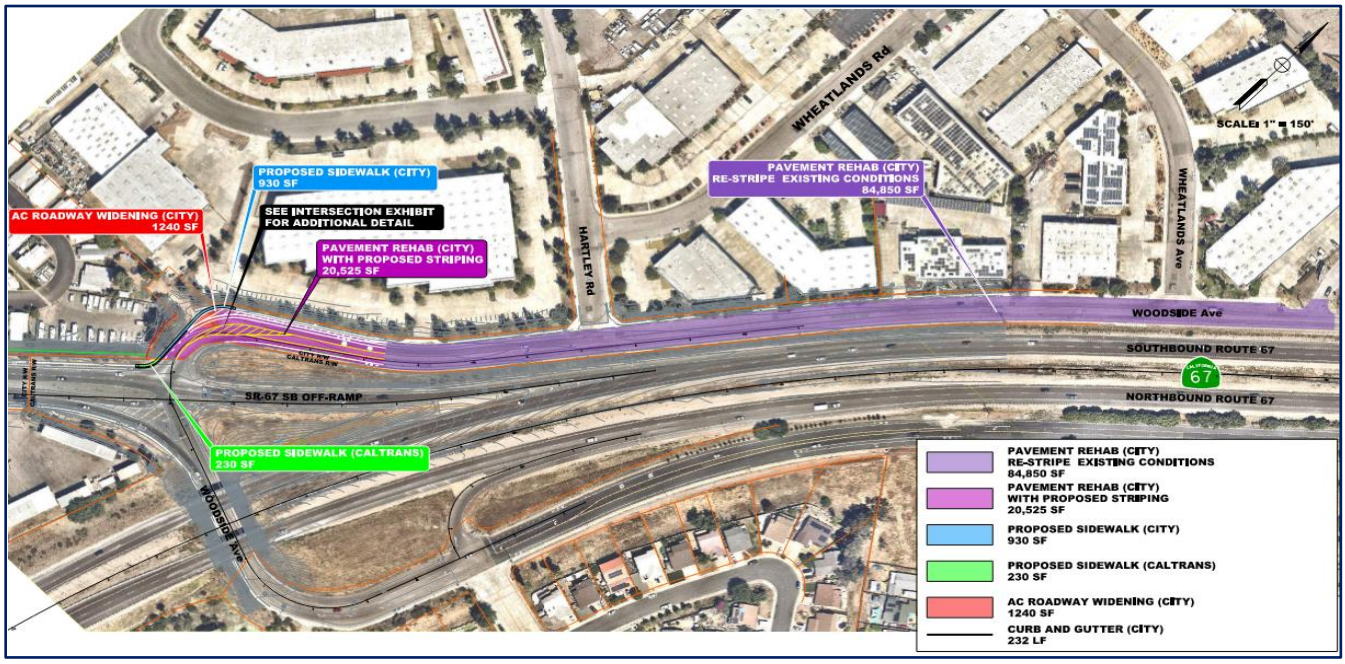



- **There are overriding economic benefits:** The project would generate substantial economic and social benefits to the City, its residents, and its businesses. In summary, the project would generate approximately $1.8M direct income to the City over a 10 year period. In addition, economically, the project would generate $23.5M in wages paid to construction workers and then upon completion $42.9M of labor income annually.

  In addition, the project proposes to repave to the satisfaction of the City Engineer N. Woodside Ave. starting from, on the west, where it meets the Caltrans right of way at the intersection of the CA-67 to, on the east, the eastern most edge of the project driveway's intersection with N. Woodside Ave. In addition, the project would install approximately 1,240 SF of new roadway to fill in an unpaved area between the edge of the existing roadway and the new proposed sidewalk.

  This section of Woodside Ave. has deteriorated over decades of use by local and through traffic, as well as from the truck traffic servicing the industrial park to the north of N. Woodside Ave. By funding and performing the repaving work, this project will create a significant public benefit, improving street conditions for both City residents and businesses in the industrial park and relieving this financial burden from the City of Santee.

  A sketch showing the conceptual scope of the work is shown below:




Please note that the section of sidewalk and section of street resurfacing shown below fall within the jurisdiction of Caltrans. The project will make commercially reasonable efforts to secure encroachment permits from Caltrans, however it may not be possible.



To further demonstrate compliance with the Mobility Element, we have described how the project complies with each Policy in the pages that follow.

**Complete Streets**

**Objective 1.0:** Ensure that the existing and future transportation system is accessible, safe, reliable, efficient, integrated, convenient, well connected and multimodal. The system will accommodate active transportation, and accommodate people of all ages and abilities, including pedestrians, disabled, bicyclists, users of mass transit, motorists, emergency responders, freight providers and adjacent land uses.

**Policy 1.1:** The City shall provide integrated transportation and land use decisions that enhance smart growth development served by complete streets, which facilitate multimodal transportation opportunities.

*Not applicable.*

**Policy 1.2:** The City should design streets in a manner that is sensitive to the local context and recognizes that needs vary between mixed use, urban, suburban, and rural settings.

*Not applicable.*

**Policy 1.3:** The City shall ensure that the entire right-of-way is designed to accommodate appropriate modes of transportation.

*Complies; the project is providing a 6'-0" wide right of way dedication along Woodside Ave.*

**Policy 1.4:** The City should create a vibrant town center by developing a connected system of multi-modal corridors that encourage walking, biking, and riding transit. A mobility hub should be considered at the existing Santee Trolley Square providing features such as bikeshare, bike parking, carshare, neighborhood electric vehicles, real- time traveler information, demand-based shuttle services, wayfinding signage, bicycle and pedestrian improvements, urban design enhancements, etc.

*Not applicable.*

**Policy 1.5:** The City should regularly review, update and collect adequate transportation impact fees (TIF) and ensure the efficient allocation of state and regional funding sources for the development and maintenance of local transportation (across all modes) improvements and operations.

*Complies; the project will pay its required TIF prior to issuance of a building permit.*

**Streets and Freeway System**

**Objective 2.0:** Develop an efficient, safe and multi-modal transportation network, consisting of local roads, collectors, arterials, freeways and transit services, in a manner that promotes the health and mobility of Santee residents and that meets future circulation needs, provides access to all sectors of the City, and supports established and planned land uses.

*The project will widen and improve N. Woodside Avenue to its designated ROW width where the project site boundary abuts the N. Woodside Avenue right-of-way. The project will then install a dedicated left turn pocket to allow northbound traffic on N. Woodside Avenue to turn into the project's driveway.*

*In addition, the project proposes to repave to the satisfaction of the City Engineer N. Woodside Ave. starting from, on the west, where it meets the Caltrans right of way at the intersection of the CA-67 to, on the east, the eastern most edge of the project driveway's intersection with N. Woodside Ave. In addition, the project would*

*install approximately 1,240 SF of new roadway to fill in an unpaved area between the edge of the existing roadway and the new proposed sidewalk.*

**Policy 2.1:** The City shall encourage an automobile Level of Service "D" on street segments and at intersections throughout the circulation network while also maintaining or improving the effectiveness of the non-automotive components of the circulation system (i.e. pedestrians, bicyclists, and public transit), especially in the Town Center area. The City may approve a lower automobile Level of Service if it finds that the effectiveness of non-automotive components of the circulation system would be maintained or improved as a result. In other cases, the City shall not approve any development that causes a drop in the level of service at a street segment or an intersection to LOS "E" or "F", after feasible mitigation, without overriding social, economic, or other benefits.

*The N. Woodside Avenue and CA-67 off-ramp intersection currently functions at acceptable levels of service. With the addition of the project, this intersection falls to a level of service E as shown in the table below:*

| No. | Intersection | LOS Method | Without Project | | | | Plus Project | | | | Change in Delay | | Above Allowable Change for Project Traffic Effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AM Peak | | PM Peak | | AM Peak | | PM Peak | | | | | |
| | | | Delay [1] | LOS [2] | Delay [1] | LOS [2] | Delay [1] | LOS [2] | Delay [1] | LOS [2] | AM | PM | AM | PM |
| **Existing Conditions** | | | | | | | | | | | | | | |
| 4 | Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | AWSC | 22.7 | C | 23.3 | C | **39.3** | **E** | **45.0** | **E** | **16.6** | **21.7** | **Yes** | **Yes** |
| **Near Term Conditions** | | | | | | | | | | | | | | |
| 4 | Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | AWSC | 25.3 | D | 28.6 | D | **45.1** | **E** | **53.5** | **F** | **19.8** | **24.9** | **Yes** | **Yes** |
| **Horizon Year Conditions** | | | | | | | | | | | | | | |
| 4 | Woodside Avenue/S. Woodside Avenue - SR-67 SB Off-Ramp | AWSC | **62.9** | **F** | **70.1** | **F** | **76.4** | **F** | **84.2** | **F** | **13.5** | **14.1** | **Yes** | **Yes** |

**Notes**: HCM = Highway Capacity Manual; **X** – Unsatisfactory operating conditions/LOS; AWSC – All-Way Stop Control
[1] Delay in seconds per vehicle
[2] Level of Service (LOS)

*The project proposes off-set these impacts by first improving pedestrian circulation by installing a continuous sidewalk from N. Woodside Ave. on the east, through the street's intersection with the CA-67 offramp, and then join the existing sidewalk on Woodside Ave. on the west. Currently the sidewalk is discontinuous through this area, requiring pedestrians to traverse approximately 130'-0" of unimproved shoulder between sidewalks. Second, the project proposes to repave to the satisfaction of the City Engineer N. Woodside Ave. starting from, on the west, where it meets the Caltrans right of way at the intersection of the CA-67 to, on the east, the eastern most edge of the project driveway's intersection with N. Woodside Ave. In addition, the project would install approximately 1,240 SF of new roadway to fill in an unpaved area between the edge of the existing roadway and the new proposed sidewalk.*

*The project's fiscal and economic benefits are summarized in the excerpt from the study prepared by London Moeder Advisors below:*

*Total Fiscal Impact*

- *The gross annual property tax will increase from approximately $32,548 to approximately $780,809, creating a net increase in property tax revenue of $748,262.*
- *The operation of the building is projected to generate gross annual sales tax revenue of $51,850.*

*Fiscal Impact to City Upon project Completion*

- *The gross annual sales tax to the City of Santee is projected to increase to $4,683.*
- *The gross annual property tax revenue to the City of Santee will increase from approximately $6,392 to $153,351.*
- *Over a 10-year period, the City is expected to receive $1,640,342 in combined sales and property tax revenue. (Based on property taxes paid, of which the City receives 19.64%.)*
- *After deducting projected City expenses, total annual net surplus for the City of approximately $164,034 annually ($1,640,342 over a ten-year period).*
- *The project will pay to the City approximately $634,206 in project development impact fees.*
- *In total, over a 10-year period, the net benefit to the City is $1,640,342 (sales & property tax) + $634,203 (development fees) - $452,407 (city expenses) = $1,822,141 (net benefit).*

*Construction Economic Impact*

- *On-site construction is expected to generate 312 direct full-time equivalent jobs during an approximately 12-month construction period.*
- *These 312 full-time equivalent jobs will generate $23,560,802 million in wages paid to local and regional workers. This equates to an annual labor income of $75,515 per employee.*
- *Spending by construction workers and local construction material procurement is projected to generate $16,108 in sales tax revenue to the City of Santee.*

*Permanent Economic Impact*

- *Employment at the completed building is expected to generate 185 direct new jobs.*
- *The business activity at the completed building is expected to generate 297 indirect and induced permanent jobs.*
- *In total, the business activity at the completed building is expected to generate 482 direct, indirect and induced permanent jobs.*
- *Total direct, indirect and induced labor income of $42.9 million annually.*
- *Business activity at the completed building is expected to generate $4,683 in sales tax revenue to the City of Santee.*
- *Total annual economic output of $132.8 million, which is defined as the total annual production value of each industry or commodity. This is important to the City of Santee because it details the sum of value added and intermediate inputs. Value added is essentially a company's GDP. Intermediate inputs are commodities that require further processing or distribution before they are ready for sale to the final user.*

**Policy 2.2:** The City should ensure adequate accessibility for all modes to the northern undeveloped area of the City by designating a functional network of public streets for future dedication either prior to, or concurrent with anticipated need.
*Not applicable.*

**Policy 2.3:** The City shall establish minimum design standards for streets, which include grade, widths, alignment and public improvement requirements in a City design manual.
*Where applicable, the design of the off-site improvements proposed by the project will comply with the standards of the City design manual.*
**Policy 2.4:** The City shall manage the existing truck route network for use by City serving heavy commercial and industrial traffic to provide for a safe circulation system for all drivers.
*Confirmed, the project is located along a designated truck route.*
**Policy 2.5:** The City should not allow city streets to be used for through-City truck traffic.
*Confirmed, the project is located along a designated truck route.*
**Policy 2.6:** The City should encourage traffic circulation improvements such as, but not limited to, enhanced roadway markings, synchronized traffic signals, and Intelligent Transportation System (ITS) network management.
*The design of the proposed off-site improvements will incorporate the latest roadway marking standards.*
**Policy 2.7:** The City should coordinate with Caltrans, SANDAG, MTS, and other responsible agencies to identify, plan, and implement needed transportation improvements.
*One segment of sidewalk and one area of repaving fall within the jurisdiction of Caltrans and the project will make commercial reasonable efforts to obtain approval from Caltrans prior to starting any work.*
**Policy 2.8:** The City shall actively pursue local, state and federal funding for circulation and safety related public improvement projects.
*Not applicable.*
**Policy 2.9:** The City should work with the region to develop traffic and congestion management programs to improve commute times and improve air quality.
*Not applicable.*
**Objective 3.0:** Upgrade and maintain Santee transportation corridors to meet the safety needs of all roadway users – including youth and elderly and travelers of varying physical abilities – and to provide a well-connected system throughout the City.
*The project proposes to improve pedestrian circulation by installing a continuous sidewalk from N. Woodside Ave. on the east, through the street's intersection with the CA-67 offramp, and then join the existing sidewalk on Woodside Ave. on the west. Currently the sidewalk is discontinuous through this area, requiring pedestrians to traverse approximately 130'-0" of unimproved shoulder between sidewalks.*
**Policy 3.1**: The City shall encourage the development of improved signalization and intersection design while taking into consideration the safety of all modes.
*Caltrans has indicated that the installation of a signal at intersection of N. Woodside Ave. and CA-67 would not be acceptable.*

**Policy 3.2:** The City should encourage the utilization of traffic control devices, such as center medians and/or left-turn pockets where appropriate and that do not conflict with safety, and discourage the installation of median cuts where traffic safety cannot be assured.

*The project will then install a dedicated left turn pocket to allow northbound traffic on N. Woodside Avenue to turn into the project's driveway.*

**Policy 3.3:** The City shall ensure that newly constructed roadways are designed to permit rapid access for emergency vehicles.

*Not applicable.*

**Policy 3.4:** The City shall provide adequate traffic control devices throughout the City to ensure safe and efficient mobility.

*The design of the proposed off-site improvements will incorporate the traffic control devices where required.*

**Policy 3.5:** The City shall encourage the use of innovative methods for traffic control (such as roundabouts, curb extensions, and traffic circles) where appropriate that add character, slow vehicle speeds, and create opportunity for improved aesthetics while effectively managing traffic.

*Due to the complexities and cost associated with installing a roundabout at the intersection of N. Woodside Ave. and CA-67, the project cannot feasibly or economically construct this improvement.*

**Policy 3.6:** Based on available funding, the City shall assure all City streets are maintained in a safe condition through implementation of the Pavement Management System. Policy 3.7: The City should review high crash locations, injuries and fatalities by mode on an annual basis and seek feasible solutions.

*Not applicable.*

**Objective 4.0:** Maximize the utilization of site planning techniques to improve traffic safety.

*The project will widen and improve N. Woodside Avenue to its designated ROW width where the project site boundary abuts the N. Woodside Avenue right-of-way. The project will then install a dedicated left turn pocket to allow northbound traffic on N. Woodside Avenue to turn into the project's driveway.*

**Policy 4.1:** The City shall encourage new subdivision development be designed in a manner where driveways do not take direct access from prime arterials, major roads or collector streets.

*Not applicable.*

**Policy 4.2:** The City should encourage the use of Neighborhood Traffic Management controls to lower residential speeds and discourage cut-through traffic. The City should prepare a traffic calming policy manual to guide City efforts in managing these neighborhood traffic safety concerns.

*Not applicable.*

**Policy 4.3:** The City shall promote design standards that allow for safe and efficient transport, delivery, loading and unloading of goods from service vehicles within commercial and industrial areas.

*Complies, all loading and unloading activities on occurs on the project site and out of the public right-of-way.*

**Policy 4.4:** The City should pursue minimization of the number of entrances and exits to strategic locations along major thoroughfares by requiring the establishment of shared driveways and reciprocal access between adjoining properties.

*Not applicable.*

**Policy 4.5:** The City should establish and implement appropriate setback and off-street parking requirements.

*Complies, the project complies with the set-back and off-street parking requirements for the Light Industrial zone.*

**Parking Objective 5.0:** Allow parking reductions around transit and affordable housing.

*Not applicable.*

**Policy 5.1:** The City should consider reducing parking requirements in the town center area and at transit stations as transit ridership increases over time due to increased development intensities and a broader mix of land uses.

*Not applicable.*

**Policy 5.2:** The City should maximize shared parking opportunities for uses with varied peak parking periods.

*Not applicable.*

**Policy 5.3:** The City should exercise flexibility in the application of parking standards to support transit-oriented development.

*Not applicable.*

**Public Transit Objective 6.0:** Increase the use of public transit systems.

**Policy 6.1:** The City should coordinate with SANDAG and MTS to maintain and enhance transit services in the City so that they are efficient, cost-effective, and responsive to growth and redevelopment.

*Not applicable.*

**Policy 6.2:** The City should coordinate with SANDAG and MTS to improve bus stop and shelter facilities to increase the comfort of users.

*Not applicable.*

**Policy 6.3:** The City should coordinate with SANDAG and MTS to provide multi-modal support facilities and adequate access near and to/from transit stops for bicyclists and pedestrians, including children and youth, seniors, and persons with disabilities.

*Not applicable.*

**Policy 6.4:** The City should coordinate with SANDAG and MTS to post route maps and pick-up/drop-off times at each stop.

*Not applicable.*

**Policy 6.5:** The City should coordinate with MTS to encourage establishing transit stops in areas of concentrated activity such as near senior housing projects, medical facilities, major employment centers, and mixed use areas.

*Not applicable.*

**Policy 6.6:** The City should coordinate with MTS to accommodate transit centers and major stops with adequate bicycle and pedestrian access and secure bicycle storage where appropriate. Include facilities that are well designed, provide appropriate lighting and are safe, comfortable, and attractive.

*Not applicable.*

**Policy 6.7:** The City should provide incentives for transit-oriented development, such as a parking reduction consistent with regional standards, for more intense development and higher density residential uses along major transportation corridors or in areas accessible to transit use.

*Not applicable.*

**Bicycling Objective 7.0:** Develop, maintain, and support a safe, comprehensive and integrated bikeway system that encourages bicycling, as documented in the City's Bicycle Master Plan (BMP).

*The current level of bicycle access and lanes would be maintained. On-site, the project would provide bicycle parking to encourage the use of bicycles by commuters.*

**Policy 7.1:** The City shall continue to implement and maintain a comprehensive bicycle route system, and to designate appropriate bikeways through the regular update of the City's Bicycle Master Plan.

*Not applicable.*

**Policy 7.2:** The City should strive to achieve objectives and policies identified in the Bicycle Master Plan including those related to bicycle safety awareness, bicycle promotion, maintenance and monitoring. Educational awareness programs shall include an environmental component that teaches bicycle users the importance of staying on designated trails to minimize impacts to wildlife resources.

*Not applicable.*

**Policy 7.3:** The City should promote the development of hiking and bicycle trails along the San Diego River in conjunction with the San Diego River Plan. Any plans for trails along the San Diego River shall be accompanied by a site-specific analysis, as required under CEQA, to confirm that such trails are consistent with the Subarea Plan (SAP) and located in the least environmentally sensitive areas.

*Not applicable.*

**Policy 7.4:** The City should require new development and redevelopment to provide connections to existing and proposed bicycle routes, where appropriate.

Confirmed, the project driveway will connect with the existing bicycle lane along N. Woodside Ave.

**Policy 7.5:** The City should keep abreast of bicycle facility innovations in other cities and regions, and seek to incorporate these into the bicycle network.

*Not applicable.*

**Pedestrian Environment Objective 8.0:** Develop and maintain an accessible, safe, complete and convenient pedestrian system that encourages walking.

*The project proposes to improve pedestrian circulation by installing a continuous sidewalk from N. Woodside Ave. on the east, through the street's intersection with the CA-67 offramp, and then join the existing sidewalk on Woodside Ave. on the west. Currently the sidewalk is discontinuous through this area, requiring pedestrians to traverse approximately 130'-0" of unimproved shoulder between sidewalks.*

**Policy 8.1:** The City should require the incorporation of pedestrian-friendly design concepts where feasible including separated sidewalks and bikeways, landscaped parkways, traffic calming measures, safe intersection designs and access to transit facilities and services into both public and private developments.

*The project proposes to improve pedestrian circulation by installing a continuous sidewalk from N. Woodside Ave. on the east, through the street's intersection with the CA-67 offramp, and then join the existing sidewalk*

*on Woodside Ave. on the west. Currently the sidewalk is discontinuous through this area, requiring pedestrians to traverse approximately 130'-0" of unimproved shoulder between sidewalks.*

**Policy 8.2:** The City should provide for the connectivity of wide, well-lit sidewalks and environments with safety buffers between pedestrians and vehicular traffic, where feasible.

*The installation of a safety buffer between the sidewalk and N. Woodside Ave. is not feasible due to the right-of-way width constraint.*

**Policy 8.3:** The City should pursue the elimination of physical barriers around public facilities and commercial centers to improve access and mobility of the elderly and disabled in a manner consistent with the Title 24 of the California Code of Regulations and the federal Americans with Disabilities Act (ADA).

*Not applicable.*

**Policy 8.4:** The City shall require non-contiguous sidewalks on all streets with a residential collector classification or higher, as appropriate.

*The project proposes to improve pedestrian circulation by installing a continuous sidewalk from N. Woodside Ave. through its intersection with the CA-67 offramp. Currently the sidewalk is discontinuous through the intersection, leaving pedestrians to traverse approximately 130'-0" of unimproved shoulder between sidewalks. The project also proposes to install a crosswalk from the north side of the intersection to the south side, with two pedestrian areas of refuge.*

**Policy 8.5:** The City should identify and implement pedestrian improvements with special emphasis on providing safe access to schools, parks, community and recreation centers, and shopping districts.

*Not applicable.*

**Policy 8.6:** The City should promote walking and improve the pedestrian experience by requiring pedestrian facilities along all classified streets designated on the Circulation Plan; by implementing streetscape improvements along pedestrian routes that incorporate such elements as shade trees, street furniture, and lighting; by orienting development toward the street; by employing traffic calming measures; and by enforcing vehicle speeds on both residential and arterial streets.

*Not applicable.*

**Policy 8.7:** The City should promote walking as the primary travel mode for the school trip through implementing the citywide Safe Route to School Plan. Policy 8.8: The City should improve pedestrian safety at intersections and mid-block crossings, where appropriate.

*Not applicable.*

**Policy 8.9:** On all primary pedestrian corridors, the City shall ensure adequate green time, based on established standards, at all crosswalks that allow the elderly and disabled to cross City streets on a single green light.

*Not applicable.*

**Policy 8.10:** The City should provide connected network of safe pedestrian crossings throughout the City.

*Not applicable.*

**Policy 8.11:** The City should enhance pedestrian visibility by enforcing parking restrictions at intersection approaches, improving street lighting, and minimizing obstructions.

*Not applicable.*

**Transportation Demand Management**

**Objective 9.0:** Increased use of alternative modes of travel to reduce peak hour vehicular trips, save energy, and improve air quality.

*The project is proposing a variety of mitigation measures that address transportation demand management:*

- *Implement Commute Trip Reduction Marketing: The project's tenant will provide information to its employees about local bus routes, bicycle routes, ride sharing services, on-demand transportation services, and on-site bicycle facilities.*
- *Provide Ridesharing Program: The project tenant will promote ride-sharing programs through a multi-faceted approach, such as designating a certain percentage of parking spaces for ride-sharing vehicles, designating adequate passenger loading and unloading and waiting areas for ride-sharing vehicles, and/or providing a website or message board for coordinating rides.*
- *Implement Subsidized or Discounted Transit Program: The project tenant would provide or reimburse the cost of monthly transit passes (such as Pronto card or mobile app) to the employees who use bus or rail transit to work to create incentive programs that reward employees for utilizing non-single occupancy vehicles to commute.*
- *Provide End of Trip Bicycle Facilities: The project will provide at least 15 bicycle parking spaces per City's parking code requirement.*

**Policy 9.1:** The City shall encourage and provide for Ride Sharing, Park 'n Ride, and other similar commuter programs that eliminate vehicles from freeways and arterials.

*The project is proposing a variety of mitigation measures that address transportation demand management as described above.*

**Policy 9.2:** The City should encourage businesses to provide flexible work schedules for employees.

*Noted, however the project's tenant will be responsible for determining the final employee schedules.*

**Policy 9.3:** The City should encourage employers to offer shared commute programs and/or incentives for employees to use transit.

*The project is proposing a variety of mitigation measures that address transportation demand management as described above.*

**Policy 9.4:** The City should encourage the use of alternative transportation modes, such as walking, cycling and public transit. The City should maintain and implement the policies and recommendations of the Bicycle Master Plan and Safe Routes to School Plan to improve safe bicycle and pedestrian access to major destinations.

*The project is proposing a variety of mitigation measures that address transportation demand management as described above.*

**Policy 9.5:** The City should improve safety of walking and biking environment around schools to reduce school-related vehicle trips.

*Not applicable.*

**Regional Transportation Coordination Objective 10.0:** The City shall remain actively involved in regional issues.

*Not applicable.*

**Policy 10.1:** The City should promote and support the continued expansion of the San Diego Trolley system which benefits residents of Santee, especially in higher density areas.

*Not applicable.*

**Policy 10.2:** The City supports necessary improvements to regional airport facilities, excluding any proposal to site a new regional airport at the Marine Corps Air Station Miramar.

*Not applicable.*

**Policy 10.3:** Any future extension of SR-125 north of SR-52 shall utilize the existing SR-52 bridge over the San Diego River and no such alignment shall occur within the City's limits.

*Not applicable.*

**Policy 10.4:** The City supports the widening of SR-52 and SR-67.

*Not applicable.*

**Policy 10.5:** The City shall oppose the installation of freeway on-ramp meters unless appropriate mitigation is provided by Caltrans for impacts to City streets caused by such metering.

*Not applicable.*

**Policy 10.6:** The City supports the connection of Caltrans traffic signals on City streets to the City's interconnected traffic signal system to maintain traffic flow.

*Not applicable. The CA-67 exit at N. Woodside Ave. is not signalized.*

Thank you for considering this request. Please kindly let us know if we can provide any additional information.

Respectfully submitted,



William Jacobs
Senior Development Manager
North Palisade Partners

# Appendix M
Water Study

# Technical Memoradum

| | |
|---|---|
| Date: | Tuesday, April 11, 2023 |
| Project: | Water Study for Development at 10990 North Woodside Drive |
| To: | Vincent De Anda, Lewis Clapp, Padre Dam Municipal Water District |
| From: | Joel Engleson, HDR |
| Subject: | **Water Study for Development at 10990 North Woodside Drive** |

# 1 Introduction

A development is planned near 10990 North Woodside Drive in Santee, California (Development) located within the Padre Dam Municipal Water District (District) service area. The Development is proposed to be connected to the District's potable water distribution system for services including fire flow.

This study uses the District's current potable distribution system hydraulic model to estimate the available fire flow at the development location and investigates potential connection points and system improvement alternatives for supplying required fire flow while satisfying the District's distribution system evaluation criteria.

# 2 Hydraulic Analysis

The hydraulic analysis was performed using the District's distribution system hydraulic model which was last updated as part of the District's 2022 Master Plan Update (Master Plan). The analysis was performed using the hydraulic modeling software package InfoWater Pro® 3.0 by Innovyze®, an Autodesk® company.

## 2.1 Criteria

The hydraulic analysis was based on existing District criteria as defined in the Master Plan as well as specific fire flow criteria for the Development. Specifically, this analysis focuses on fire flow criteria, including:

Development Specific Criteria:

- Fire flow required: 4,000 gallons per minute (gpm)
- Fire flow duration: 4 hours
    - Model run as extended period simulation (EPS) to represent fire flow duration
    - Fire flow modeled during high demand hours between 6 and 10 am

Mater Plan Criteria:

- Minimum Pressure Criteria:
    - Maximum day demand (MDD) + fire flow (FF) conditions: 20 pounds per square inch (psi)

- Maximum Velocity Criteria:
  - MDD + FF conditions: 10 feet per second (fps) for existing pipes
  - MDD + FF conditions: 15 feet per second (fps) for new pipes
- Pump Station Operation:
  - Largest capacity pump in each pump station offline

## 2.2 Modeled Available Fire Flow

For this analysis, the existing maximum day demand plus fire flow (2019_MDD_FF) scenario in the District's hydraulic model was used to estimate available fire flow at the Development location with various connection points to the existing distribution system. Three alternatives were considered for connection points to the Development, including:

1. Connection to the looped 12-inch pipe in Woodside Avenue
2. Connection to both the 8-inch and the 12-inch pipes in Woodside Avenue
3. Upsizing a dead-end 12-inch pipe in Woodside Avenue to 16-inch and connecting

These three scenarios were added to the District's hydraulic model and analyzed per the Master Plan evaluation criteria. This section discusses the model results.

### 2.2.1 Alternative 1: Connection to the Looped 12-inch pipe in Woodside Avenue

Fire flow for the Development was modeled off an existing 12-inch pipe in Woodside Avenue, as shown in Figure 1. This 12-inch pipe is part of a loop that also includes 8-inch diameter pipe which loops into an additional 8-inch pipe in Wheatlands Avenue. Model results indicate approximately 4,100 gpm available fire flow at the location.

Pipeline velocities are the limiting factor to the available fire flow for this alternative with the highest velocities of approximately 10 fps in the connecting 12-inch pipe. Model results indicate system residual pressures remain well above the 20 psi minimum per the criteria. Model results indicate a residual pressure of 94 psi at the connection point under MDD plus the 4,100 gpm fire flow conditions.

### 2.2.2 Alternative 2: Connection to both the 8- and 12-inch pipes in Woodside Avenue

Fire flow for the Development was modeled off the existing 8-inch and 12-inch pipes in Woodside Avenue, as shown in Figure 2. Model results indicate approximately 6,600 gpm available fire flow combined with these two connection points with 4,100 gpm available off the 12-inch pipe and 2,500 gpm available off the 8-inch pipe. The model was run with both fire flow demands pulling water off the system at the same time.

Pipeline velocities in the 8- and 12-inch pipes in Woodside Avenue are the limiting factor to the available fire flow for this alternative with the highest velocities of approximately 10 fps in both pipelines. Model results indicate system residual pressures remain well above the 20 psi minimum per the criteria. Model results indicate residual pressures of 74 psi and 70 psi at the 12-inch and 8-inch connection points, respectively, under MDD plus the 6,600 gpm fire flow conditions.

### 2.2.3 Alternative 3: Upsize Dead-End 12-inch in Woodside Avenue to 16-inch

Fire flow for the Development was modeled with an existing dead-end pipe off the 12-inch pipe in Woodside Avenue upsized to 16-inch and a single connection at the end of the upsized pipe, as shown in Figure 3. Model results indicate approximately 4,100 gpm available fire flow at the connection location.

Pipeline velocities are the limiting factor to the available fire flow for this alternative with the highest velocities of approximately 10 fps in the connecting 12-inch pipe. Model results indicate system residual pressures remain well above the 20 psi minimum per the criteria. Model results indicate a residual pressure of 94 psi at the connection point under MDD plus the 4,100 gpm fire flow conditions.

**Figure 1. Alternative 1: Connection to the 12-inch pipes in Woodside Avenue**



**Figure 2. Alternative 2: Connection to both the 8- and 12-inch pipes in Woodside Avenue**




**Figure 3. Alternative 3: Upsize Dead-End 12-inch in Woodside Avenue to 16-inch with Connection**



# 3 Conclusions and Recommendations

Model results indicate that any of the three alternatives tested in the molded are projected to supply the required 4,000 gpm fire flow over a four hour period under MDD conditions while satisfying the system evaluation criteria from the Master Plan.

The modeled available Development fire flow for the three alternatives is:

- Alternative 1: Connection to the 12-inch pipe in Woodside Avenue
    - Total Available Fire Flow: 4,100 gpm with 94 psi Residual Pressure at Connection
- Alter native 2: Connection to both the 8-inch and the 12-inch pipes in Woodside Avenue
    - Total Available Fire Flow: 6,600 gpm combined
        - 8-inch pipe connection: 2,500 gpm with 70 psi Residual Pressure
        - 12-inch pipe connection: 4,100 gpm with 74 psi Residual Pressure
- Alternative 3: Upsizing the 12-inch pipe in Woodside Avenue to 16-inch and connecting
    - Available Fire Flow: 4,100 gpm with 94 psi Residual Pressure at Connection

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# Appendix N
Fire Protection Plan

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# Preliminary Fire Protection Technical Report

## Palisade Santee Commerce Center
## 10990 Woodside Ave., Santee, CA 92071



November 4, 2024
October 4, 2024
September 18, 2023
YCI Project ID 22128-00

Prepared for:

North Palisade Partners
1330 Factory Place, Suite 105
Los Angeles, CA 90013

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# 1 Project Introduction

## 1.1 Description of the Warehouse/Distribution Facility

The project will be a new one-story plus mezzanine warehouse/distribution facility construction of Type IIIB construction, protected by an automatic sprinkler system throughout, and an automatic addressable fire alarm system. The building will not be used for hazardous materials storage. The building will contain primarily moderate-hazard storage uses (Group S-1) and accessory business/office uses (Group B).

## 1.2 Report Purpose and Objectives

The purpose of this comprehensive report is to conduct a thorough Building Code Analysis and Preliminary Fire Protection Assessment for the proposed development of a new one-story plus mezzanine concrete tilt-up warehouse/distribution facility situated at 10990 Woodside Ave., Santee, CA 92071. This report aims to document the facility's adherence to applicable building codes, regulations, and fire protection standards, ensuring its compliance with relevant safety requirements.

This report will provide stakeholders, including the project developer, design team, authorities having jurisdiction, and emergency responders, with a comprehensive overview of the facility's compliance status, facilitating informed decision-making throughout the project's development.

# 2 Applicable Codes and Standards

The following codes and standards referenced in this report are applicable to this project:

- 2022 California Building Code (CBC)
- 2022 California Fire Code (CFC)
- NFPA 10-2018 Standard for Portable Fire Extinguishers
- NFPA 13-2022 Standard for Installation of Sprinkler Systems as amended by the CBC and CFC
- NFPA 14-2019 Standard for the Installation of Standpipe and Hose System, as amended by the CBC and CFC
- NFPA 20-2019 Standard for the Installation of Stationary Pumps for Fire Protection
- NFPA 24-2019 Standard for Installation of Private Fire Service Mains and Their Appurtenances, as amended by the CBC and CFC
- NFPA 72-2022 National Fire Alarm and Signaling Code, as amended by the CBC and CFC

# 3 Site Analysis

## 3.1 Location and Address

The project will be located at 10990 Woodside Ave., Santee, CA 92071. The site was previously the home of the Santee Drive-in Theatre (Figure 1).



Figure 1 - Aerial View of Existing Santee Drive-in Theatre Site

## 3.2 Description of the Surrounding Area

The site is surrounded on the West, South and East sides by existing commercial businesses and pond/wetlands on the north side of the site. There is one vehicular access point to the site via a street connection from the southeast corner of the site to N. Woodside Avenue.

## 3.3 Access for Fire Department Services

Fire apparatus access to the site will be provided from N. Woodside Avenue via an improved driveway, 60-feet in width, which terminates at a cul-de-sac at the southeast corner of the site. From the cul-de-sac, a 40-feet wide fire apparatus roadway will extend along the east side of the building and continue approximately 1/3 the length of the north side of the building where it will transition to a minimum 30-feet wide fire apparatus roadway for the remainder of the north building perimeter, the west side of the building and approximately ½ the length of the south side of the building where it will transition back to a minimum 40-feet wide fire apparatus roadway to rejoin the cul-de-sac. The entire building perimeter will be surrounded by a fire apparatus roadway, with the closest edge of the fire apparatus roadway located not less than 15-feet and not more than 30-feet from the building exterior walls, except at the north and south loading courts which are exclusively designated for tractor trailer loading and unloading (Figure 2).

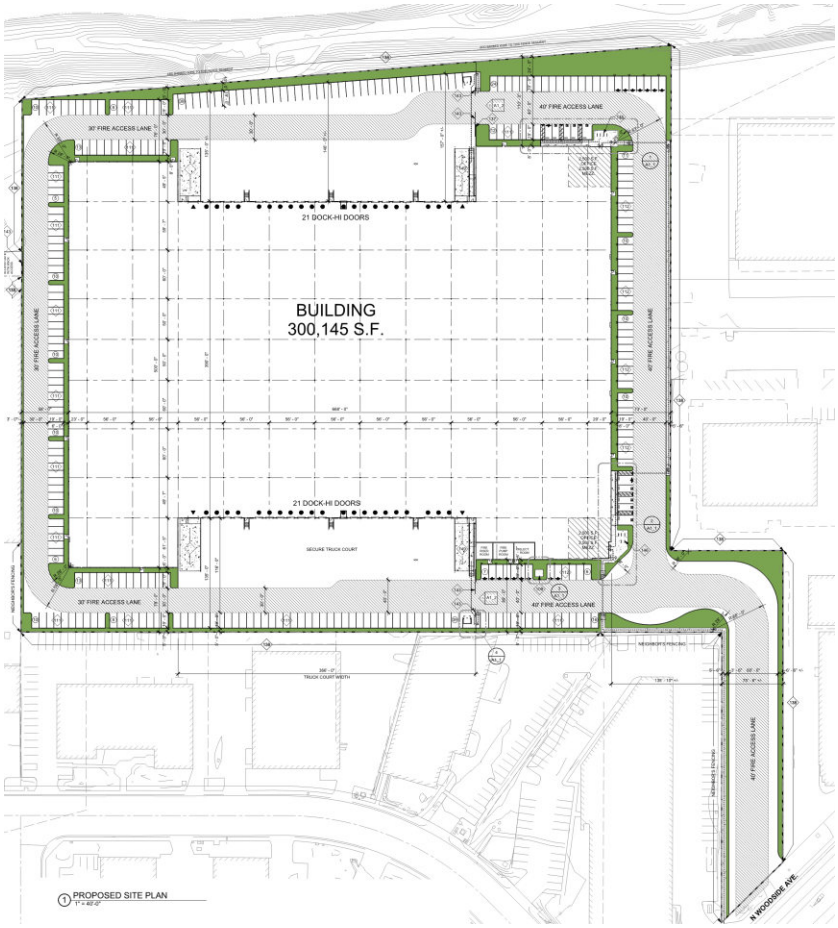



**Figure 2 - Fire Apparatus Access Roadway**

### 3.3.1 Single Fire Apparatus Access Roadway in Lieu of Two Separate Fire Apparatus Access Roadways

In accordance with CFC D104.2 buildings or facilities having a gross building area of more than 62,000 square feet shall be provided with two separate and approved fire apparatus access roads. Based on the existing site access constraints and infeasibility of obtaining a right-of-way easement through an adjoining property, providing two separated fire apparatus access roads is not feasible or practical for this project.

Through collaboration with the Santee Fire Department, the single fire apparatus access road to the project site will be mitigated by the following site and building design features:

- **Enhanced Fire Access Roads:** Fire apparatus access from Woodside Avenue is proposed to be via an approximately 60'-0" wide, two-way, privately maintained driveway that will enhance the reliability of fire access to the building. The drive width is made as wide as possible and terminates in a cul-de-sac. The driveway access points to the site from the cul-de-sac are 30'-40' wide, which are both wider than the 26' aerial access road minimum requirement. The driveway terminates in a cul-de-sac with a radius of 50' allowing ample maneuvering and turn-around for fire apparatus and emergency responder vehicles. The

fire access roadway that extends onsite would be provided on all sides of the building giving fire personnel full access to the structure. In addition, exit doors would be installed at 125' on center around the perimeter of the building.

- **Additional Fire Hydrants:** Eight (8) on-site private fire hydrants will be provided in lieu of a minimum of two (2) fire hydrants required by the CFC (refer to ***Section 5.7*** of this report).
- **Additional FDC:** An additional FDC will be installed on the opposite side of the building to provide additional firefighting capability and a redundancy for the first FDC at the main entrance to the building.
- **Two Fire Water Supply Connections:** The on-site looped fire main will be provided with two points of connection to the public water source.
- **Enhanced Fire Flow:** A minimum fire flow requirement of 4,000 gallons per minute at 20 psi for a 4-hour duration will be provide as calculated in accordance with the CFC and required by the City of Santee Fire Department (refer to ***Section 5.7*** of this report).
- **ESFR Fire Sprinklers:** An Early Suppression Fast Response (ESFR) fire sprinkler system will be installed in the building. The base code requirement is a fire sprinkler system meeting the requirements of NFPA 13. The ESFR system is a more robust fire sprinkler system that will enhance the fire and life safety of the building by extinguishing fires faster, allowing occupants more time to exit, and slowing fire and smoke spread in the building and further mitigating the lack of a second point of access.
- **Diesel Fire Pump:** We will voluntarily upgrade the fire pump from an electric pump relying on electricity from the grid to a diesel engine-based system. The diesel pump adds resiliency to the firefighting efforts by not relying on power from the grid, which may be compromised in an emergency.

### 3.3.2 Fire Access Gates

The site includes three vehicular access gates. Two gates are located on the east side of the Secure Truck (Loading) Courts, positioned on the north and south sides of the building. The third gate is in the west chain-link fence, which separates the project site from the adjacent property to the west.

Each vehicular access gate will be equipped with Knox Key Switches (#3500 series with dust covers) for gate override, ensuring swift access for emergency responders. These electronically locked gates are also designed with battery backup systems to ensure continuous operation in the event of a power outage. In addition, each gate includes a manual release device or other mechanical means to allow manual opening should there be a power failure.

To further enhance emergency access, strobe sensors will be installed on all electronically locked gates, allowing automatic gate opening upon the approach of emergency vehicles. These sensors meet the requirement for all electric gates serving commercial buildings. The strobe sensors' installation and functionality will be verified and approved by the Fire Code Official at the time of installation.

All Knox Box and Key Switch installations will comply with Santee Fire Department standards, with Knox Boxes required on exterior riser/fire alarm room doors and at all key locations specified by the Fire Department for building and site access. Key tags will be weather-resistant, and alert decals will be mounted on doors nearest to each Knox Box.

# 4 Building Description

## 4.1 Building Occupancy

The primary occupancy of this building will be moderate-hazard storage, Group S-1, and will contain accessory business, Group B uses.

## 4.2 Building Height, Number of Stories and Building Area

The building will have an interior minimum clear height of 36-feet and a maximum parapet height of less than 50-feet. The building will be one-story plus mezzanine, and 300,145 square feet in area.

## 4.3 Type of Construction

In accordance with CBC Section 507.4, the area of this Group B and S building no more than one story above grade plane is permitted to be of any construction type, and not be limited since the building will be provided with an automatic sprinkler system throughout in accordance with Section 903.3.1.1 and will be surrounded and adjoined by public ways or yards not less than 60 feet in width.

# 5 Fire Protection Systems

## 5.1 Fire Detection and Alarm System

CFC Table 3206.2 does not require a fire detection system for buildings containing high-piled storage areas of 12,001-500,000 square feet and containing Class I-IV commodities, or high-piled storage areas 2,501-300,000 square feet and containing high hazard commodities.

An approved audible device, located on the exterior of the building in an approved location, will be connected to the automatic sprinkler system. Such sprinkler waterflow alarm devices will be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system will actuate the building fire alarm system.

## 5.2 Fire Suppression Systems

### 5.2.1 Type of Fire Suppression Systems

**Warehouse Areas**: To provide more flexibility in warehouse operations, an early suppression fast response (EFSR) sprinkler system will be installed throughout the warehouse areas. ESFR were developed as an alternative to in-rack systems and can be used in warehouses with storage that do not exceed 40-feet in overall height, and with a ceiling height of less than 45 feet. The clear height of this warehouse will be 36 feet. The ESFR sprinkler system will be designed and installed in accordance with NFPA 13, 2022 Edition.

**Office Areas**: The office areas of the warehouse building will be protected by a conventional wet pipe sprinkler system designed and installed in accordance with NFPA 13, 2022 Edition.

### 5.2.2 Occupancy and Commodity Classification

**Warehouse Areas:** When it comes to occupancy classifications, the warehouse areas primarily used for storage are subject to specific requirements outlined in NFPA 13. These requirements depend largely on the type of commodities they house and how these commodities are stored.

**Office Areas:** In the context of sprinkler design for office areas within the warehouse, these spaces will be categorized as Light Hazard occupancy, following the guidelines set forth in NFPA 13.

### 5.2.3 ESFR Design Criteria

**Storage Limitations:**

- ESFR sprinklers are not permitted for the protection of storage on solid shelf racks unless these racks are equipped with in-rack sprinklers.
- ESFR sprinklers are not permitted for the protection of storage with open-top containers.

**Hydraulic Design Criteria:**

- All design areas should comprise the twelve most hydraulically demanding sprinklers, with four sprinklers on each of three branch lines, unless otherwise specified in NFPA 13, 2022 Edition.
- The ESFR sprinkler system safeguarding warehouse areas that store palletized, solid-piled, or rack storage of Class I through Class IV and Group A commodities will be designed following Table 23.3.1 of NFPA 13. This table outlines ESFR sprinkler ceiling-only options for protecting different types of stored commodities at maximum ceiling heights. For a warehouse with a 36-foot ceiling/roof height, ESFR sprinklers with a K-factor of K-25.2 and a minimum operating pressure of 60 psi will enable the storage of the following commodities:
  - Class I through IV and cartooned non-expanded Group A plastics.
  - Cartoned expanded Group A plastics.
  - Exposed non-expanded Group A plastics.
  - Exposed expanded Group A plastics.

### 5.2.4 Light Hazard Occupancy (Offices) Design Criteria

The water demand for sprinklers protecting Light Hazard areas within the warehouse, such as office spaces, shall be determined using a Occupancy Hazard Fire Control Approach of Light Hazard using the density/area method of 0.10 gpm/square feet over a minimum design area of 1,500 square feet. The minimum water supply and durations for this hydraulically calculated system must include a combined inside and outside hose stream of 100 gpm with a minimum duration of 30 minutes.

## 5.3 Standpipe System

The building will be provided with a Class I manual wet standpipe system. Class I standpipe hose connections will be provided such that all portions of the floor area of the warehouse are located not more than 200 feet from a Class I standpipe hose connection. The distances from a hose connection shall be measured along the path of travel.

## 5.4 Fire Department Connection(s)

Although this building requires a single fire department connection (FDC), to mitigate the fire apparatus points of access to the site, two (2) FDCs are proposed for the project. One FDC is proposed in the vicinity of the southeast corner of the building and the second FDC is proposed in the vicinity of the northeast corner of the building. Each FDC will be located within 50 feet of an on-site fire hydrant. Providing two remotely located FDCs will provide redundancy should an FDC become compromised by parked vehicles, damaged hose threads, debris in the intake piping, and other conditions such as falling debris from a fire above.

## 5.5 Fire Pump Design

A diesel fire pump will serve the automatic sprinkler system protecting this building. The fire pump for this project will be sized according to the computed flow rate necessary for the ESFR sprinkler system. This calculation takes into account factors such as density requirements, coverage area, and hazard classification.

## 5.6 Smoke and Heat Removal

In accordance with CFC Table 3206.2, footnote h, smoke and heat removal vents are not required in this building since the storage areas within the building will be protected by an ESFR sprinkler system.

## 5.7 Fire Flow and Hydrant Locations

**Fire Flow Requirements:** In accordance with CFC Section B105.2, The minimum fire-flow and flow duration for this building shall be as specified in Tables B105.2 and B105.1(2). In accordance with Table B105.1(1), the baseline fire flow for a 300,145 square feet Type IIIB building is 8,000 gpm for a minimum 4-hour duration.

In accordance with Table B105.2, since the building is protected by an NFPA 13 automatic sprinkler system, the fire flow has the potential for a substantial 75% reduction, which would bring the requirement down to 2,000 GPM.

Referring to Appendix B, Section B103.2, it is important to note that the fire code official possesses the authority to increase the fire-flow requisites, albeit not exceeding double the necessity for the specific building. In our case, this would translate to a requirement of 4000 GPM.

Additionally, it's essential to consider that the demand from the fire sprinkler system might negatively affect the availability of fire flow. Recent fire incidents in warehouses have demonstrated a propensity for significant fire flow demands, crucial for the control and extinguishing of fires.

Furthermore, it's worth mentioning that the lack of two separate access roads to the site is an additional factor to consider.

To summarize, the project's mandated fire flow stands at 4000 GPM, with a pressure requirement of 20 PSI for a duration of 4 hours.

**Fire Hydrant Locations:** Based on the City of Santee Fire Department requirements, the number and location of fire hydrants will be based on the baseline fire flow value of 4,000 gpm. In accordance with CFC Table C102.1, a building with a minimum fire flow requirement of 3,251-4,000 GPM requires a minimum of 4 fire hydrants, spaced an average of 350-feet, with a maximum distance from any point on a street or road frontage to a hydrant of 210-feet.

A minimum of eight (8) fire hydrants will be provided on-site in order to comply with these requirements.

# 6 Life Safety Measures

## 6.1 Fire Department Access Doors

The exterior walls of the warehouse buildings will be provided with fire department access doors. These fire department access doors will be able to be accessed without the use of a ladder.

Fire department access doors shall be labeled on the exterior side with the following sign or other approved sign:

FIRE DEPARTMENT ACCESS DOOR
DO NOT BLOCK

The lettering shall be in a contrasting color to the background. Letters shall have a minimum height of 2 inches with a minimum stroke of $^{3}/_{8}$ inch.

The required fire department access doors will be distributed such that the lineal distance between adjacent fire department access doors does not exceed 125 feet measured center to center.

Fire department access doors shall be not less than 3 feet in width and 6 feet 8 inches in height. Roll-up doors shall not be considered fire department access doors unless approved. Locking devices on fire department access doors shall be approved.

A Knox box will be installed at the main entry lobby to the building and will contain keys to allow for entry through the fire department access doors.

## 6.2 Maximum Common Path of Egress Travel Distance

The maximum common path of egress travel distance within the warehouse storage areas and business/office areas will be 100 feet.

### 6.3 Number of Exits and Exit Access Travel Distance

The occupant load of the building will be more than 1,000 occupants and will be provided with a minimum of 4 exits such that all portions of the floor area will be located within a minimum of 250 feet of at least one exit.

### 6.4 Minimum Aisle Widths

In accordance with CBC 1018.5, the minimum clear aisle width will be not less than that required for corridors. As such, the minimum aisle width within the warehouse storage areas will be 44-inches.

### 6.5 Emergency Means of Egress Illumination

In the event of power supply failure, an emergency electrical system will automatically illuminate the following areas:

- Aisles
- Corridors
- Exit access stairways and ramps
- Exterior landings for exit doorways that lead directly to the exit discharge
- Electrical equipment rooms.
- Fire pump room.
- Generator room (if provided).
- Public restrooms with an area greater than 300 square feet.

### 6.6 Exit Signs

Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit or the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that any point in an exit access corridor or exit passageway is within 100 feet (30 480 mm) or the listed viewing distance of the sign, whichever is less, from the nearest visible exit sign.

## 7 Hazards Analysis and Mitigation

Potential fire hazards in this warehouse/distribution building where hazardous materials are not anticipated to be used or stored have been assessed, and recommendations provided to mitigate these risks.

1. **Electrical Issues:**
   Risk: Faulty wiring, inadequate circuitry, or outdated electrical systems can lead to electrical fires.
   Mitigation: The building's electrical systems will be designed and installed by qualified professionals following current electrical codes. After the building is occupied, regularly inspect and maintain the electrical infrastructure. Implement ground fault circuit interrupters (GFCIs)

and arc-fault circuit interrupters (AFCIs) to prevent overloads and short circuits where required by code.

2. **Combustible Materials:**
   Risk: Flammable materials like cardboard, packaging, and pallets can accelerate fires.
   Mitigation: Storage areas will be designed with sufficient space between racks and stacks to minimize the risk of fire spreading. Consider using non-combustible pallets and shelving. A racking plan, if required by the user, will be submitted to the City of Santee and approved under a separate permit.

3. **Heating Equipment:**
   Risk: Malfunctioning or poorly maintained heating equipment can cause fires.
   Mitigation: Installed heating systems will comply with current safety standards. Implement regular maintenance and inspections for heating equipment. Use automatic shut-off devices that activate in case of overheating where required by code.

4. **Flammable Liquids:**
   Risk: Even if not anticipated, flammable liquids might be used for cleaning or maintenance.
   Mitigation: Store any potential flammable liquids in designated areas with proper ventilation and fire-resistant storage cabinets. Implement strict control over the presence and use of flammable liquids.

5. **Smoking and Open Flames:**
   Risk: Smoking or open flames could lead to accidental fires.
   Mitigation: Establish a strict no-smoking policy inside the building. If welding or open flames are necessary, create designated areas with proper ventilation and fire-resistant barriers.

6. **Lighting Equipment:**
   Risk: Overheating light fixtures could ignite nearby combustibles.
   Mitigation: Install LED or other energy-efficient lighting that generates less heat. Keep lighting fixtures clean and free from debris. Maintain adequate clearance between lighting and stored materials.

7. **Blocked Exits and Aisles:**
   Risk: Cluttered aisles and blocked exits impede evacuation.
   Mitigation: The layout and clear widths of access to exits aisles throughout the building will be designed in accordance with the applicable requirements of the CBC. After building occupancy, regularly inspect and enforce the clearing of aisles and exits.

8. **Inadequate Fire Suppression Systems:**
   Risk: Insufficient fire suppression systems can hinder fire control.
   Mitigation: An automatic fire sprinkler system will be provided throughout the building. Fire extinguishers and standpipe hose connections will be placed throughout the facility in accordance with the CBC and CFC. Ensure proper maintenance and regular testing.

9. **Faulty Machinery:**
   Risk: Industrial equipment can malfunction and cause fires.

Mitigation: Implement a rigorous maintenance schedule for all machinery. Regularly inspect equipment for signs of wear, overheating, or other potential fire triggers.

10. **Arson and Vandalism:**
    Risk: Unauthorized individuals may intentionally start fires.
    Mitigation: Implement robust security measures, including surveillance cameras, access control systems, and security personnel. Secure entrances and exits to prevent unauthorized entry.

11. **Lack of Fire Safety Training:**
    Risk: Untrained employees might not respond effectively during a fire.
    Mitigation: Provide comprehensive fire safety training to all employees. Conduct regular fire drills to ensure familiarity with evacuation procedures and assembly points.

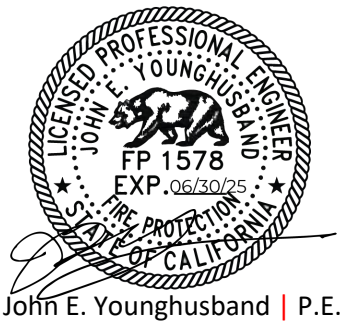
By addressing these fire risks through careful design, proper construction, and ongoing maintenance, you can significantly reduce the chances of fires in this warehouse/distribution building can be significantly reduced.

# 8 Conclusion

In conclusion, the design of this new warehouse and distribution facility prioritizes stringent code compliance by incorporating a comprehensive array of fire protection and life safety features. These features include an encircling fire apparatus roadway, secure Knox box access, dual fire department connections, reliable water supply arrangements, strategically placed fire department access points, ample on-site fire hydrants, an advanced ESFR sprinkler system, a diesel fire pump, a Class I manual wet standpipe system, well-placed exits with illumination and signage, readily accessible fire extinguishers, and the implementation of recommended fire hazard mitigation strategies. Together, these measures not only meet but exceed the necessary codes and standards, ensuring the utmost safety and protection for the building occupants, firefighters and assets within the facility.

Prepared By:

Younghusband Consulting, Inc.




John E. Younghusband | P.E.
President

# Appendix O

AB 52 Letters and Receipts

Mayor
John W. Minto
City Council
Ronn Hall
Laura Koval
Rob McNelis
Dustin Trotter

September 15, 2023

Mr. Art Bunce
Tribal Attorney
Barona Band of Mission Indians
P.O. Box 2516
Escondido, CA 92033-2516

**Subject: Palisade Santee Commerce Center (Conditional Use Permit CUP-2023-0001; Environmental Impact Report ENV-2023-0003; Development Review Permit DR-2023-0002) – AB52 Formal Notice (APN 381-070-52)**

Dear Mr. Bunce:

This letter is in response to your request for formal notification of projects for which the City of Santee is the lead agency under California Public Resources Code section 21080.3.1, subdivision (b) of the California Environmental Quality Act. Pursuant to Public Resources Code section 21080.3.1, subdivision (d), the City of Santee Planning & Building Department (City) has received an application for the Palisade Santee Commerce Center Conditional Use Permit ("Project") located at 10990 N. Woodside Avenue (APN 381-070-52).

The 13.5-acre project site is currently developed with a two-screen, drive-in theatre and a building containing restrooms, concession facilities, and a projection house, which collectively are in the process of ceasing operations. The project consists of redevelopment of the project site as a commerce center with an approximately 300,145 square foot (gross area, inclusive of mezzanines and 10,000 sf of office space) one-story industrial building. The building would be up to 50 feet in height and would accommodate warehousing and distribution, manufacturing, assembly, and/or research and development operations, and related office uses. In addition to the industrial building, the project would include up to 42 dock-high doors, four grade-level doors, two truck courts, and up to 301 passenger-vehicle parking spaces, 30- and 40-foot-wide fire access lanes along the building perimeter, landscaping, and fencing along portions of the developed perimeter with automated gates at certain driveway locations. The project would also include associated utility, stormwater treatment, and roadway improvements. The project is consistent with the site's existing land use designation (IL-Light Industrial) and zoning (Light Industrial-IL).

As a condition of project approval, the applicant will have a Native American monitor(s) and an archaeological monitor present during the initial grubbing, site grading, excavation, or disturbance of the ground surface. Additional mitigation will be proposed if a situation arises in which resources are discovered.

In accordance with Public Resources Code section 21080.3.1, subdivisions (b) and (d), the Barona Band of Mission Indians has 30 days from receipt of this formal notification to request in writing consultation regarding the Project. Such request should be directed to:

Michael Coyne, Principal Planner
City of Santee Planning & Building Department
10601 Magnolia Avenue
Santee, CA 92071
Phone: (619) 258-4100, Extension 160
Email: mcoyne@cityofsanteeca.gov

If you have any comments or questions, please contact me at the email address above.

Respectfully,

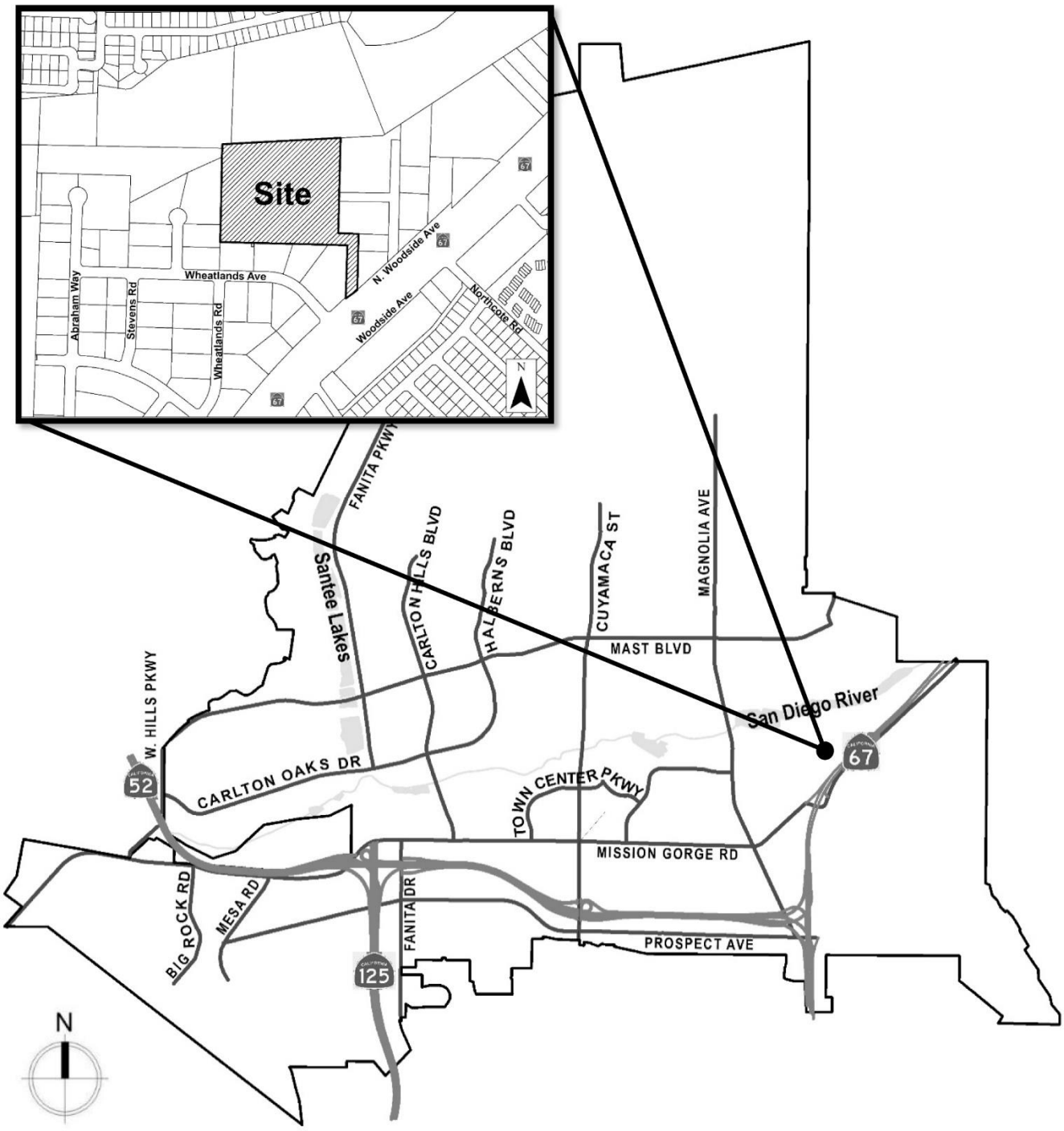


Michael Coyne
Principal Planner

Attachments:
Site Location Map

cc. File

# Site Location Map



Mayor
John W. Minto
City Council
Ronn Hall
Laura Koval
Rob McNelis
Dustin Trotter

September 15, 2023

Ms. Lisa Cumper
Secretary/Treasurer
Jamul Indian Village
14191 Highway 94
Jamul, CA 91935

**Subject: Palisade Santee Commerce Center (Conditional Use Permit CUP-2023-0001; Environmental Impact Report ENV-2023-0003; Development Review Permit DR-2023-0002) – AB52 Formal Notice (APN 381-070-52)**

Dear Ms. Cumper:

This letter is in response to your request for formal notification of projects for which the City of Santee is the lead agency under California Public Resources Code section 21080.3.1, subdivision (b) of the California Environmental Quality Act. Pursuant to Public Resources Code section 21080.3.1, subdivision (d), the City of Santee Planning & Building Department (City) has received an application for the Palisade Santee Commerce Center Conditional Use Permit ("Project") located at 10990 N. Woodside Avenue (APN 381-070-52).

The 13.5-acre project site is currently developed with a two-screen, drive-in theatre and a building containing restrooms, concession facilities, and a projection house, which collectively are in the process of ceasing operations. The project consists of redevelopment of the project site as a commerce center with an approximately 300,145 square foot (gross area, inclusive of mezzanines and 10,000 sf of office space) one-story industrial building. The building would be up to 50 feet in height and would accommodate warehousing and distribution, manufacturing, assembly, and/or research and development operations, and related office uses. In addition to the industrial building, the project would include up to 42 dock-high doors, four grade-level doors, two truck courts, and up to 301 passenger-vehicle parking spaces, 30- and 40-foot-wide fire access lanes along the building perimeter, landscaping, and fencing along portions of the developed perimeter with automated gates at certain driveway locations. The project would also include associated utility, stormwater treatment, and roadway improvements. The project is consistent with the site's existing land use designation (IL-Light Industrial) and zoning (Light Industrial-IL).

As a condition of project approval, the applicant will have a Native American monitor(s) and an archaeological monitor present during the initial grubbing, site grading, excavation, or disturbance of the ground surface. Additional mitigation will be proposed if a situation arises in which resources are discovered.

In accordance with Public Resources Code section 21080.3.1, subdivisions (b) and (d), the Jamul Indian Village has 30 days from receipt of this formal notification to request in writing consultation regarding the Project. Such request should be directed to:

Michael Coyne, Principal Planner
City of Santee Planning & Building Department
10601 Magnolia Avenue
Santee, CA 92071
Phone: (619) 258-4100, Extension 160
Email: mcoyne@cityofsanteeca.gov

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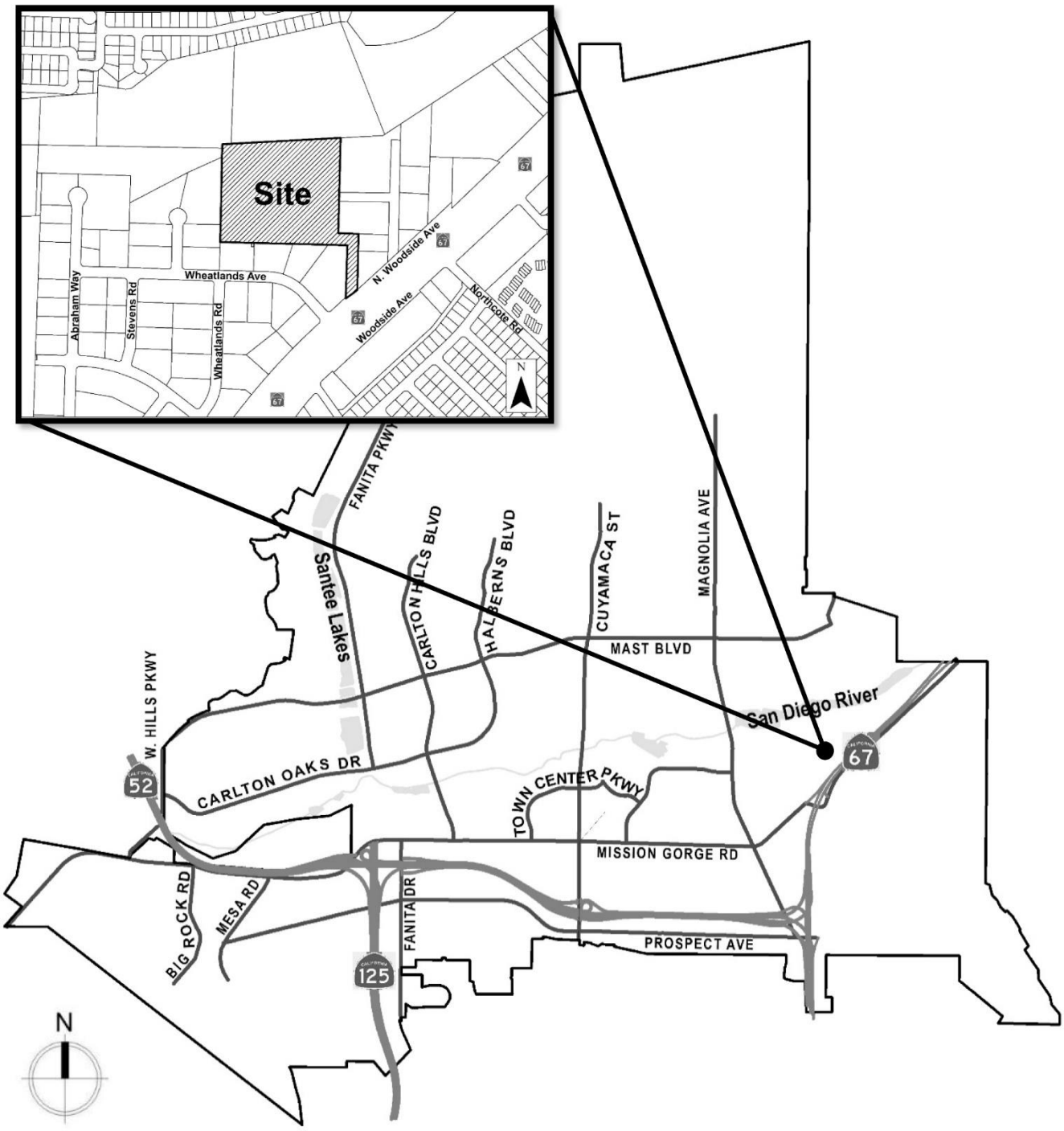

Mayor
John W. Minto
City Council
Ronn Hall
Laura Koval
Rob McNelis
Dustin Trotter

September 15, 2023

Ms. Theresa Hernandez
Mesa Grande Band of Mission Indians
PMB 366
35008 Pala Temecula Road
Pala, CA 92059

**Subject:** **Palisade Santee Commerce Center (Conditional Use Permit CUP-2023-0001; Environmental Impact Report ENV-2023-0003; Development Review Permit DR-2023-0002) – AB52 Formal Notice (APN 381-070-52)**

Dear Ms. Hernandez:

This letter is in response to your request for formal notification of projects for which the City of Santee is the lead agency under California Public Resources Code section 21080.3.1, subdivision (b) of the California Environmental Quality Act. Pursuant to Public Resources Code section 21080.3.1, subdivision (d), the City of Santee Planning & Building Department (City) has received an application for the Palisade Santee Commerce Center Conditional Use Permit ("Project") located at 10990 N. Woodside Avenue (APN 381-070-52).

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As a condition of project approval, the applicant will have a Native American monitor(s) and an archaeological monitor present during the initial grubbing, site grading, excavation, or disturbance of the ground surface. Additional mitigation will be proposed if a situation arises in which resources are discovered.

In accordance with Public Resources Code section 21080.3.1, subdivisions (b) and (d), the Mesa Grande Band of Mission Indians has 30 days from receipt of this formal notification to request in writing consultation regarding the Project. Such request should be directed to:

Michael Coyne
City of Santee
10601 Magnolia Avenue
Santee, CA 92071
Phone: (619) 258-4100, Extension 160
Email: mcoyne@cityofsanteeca.gov

If you have any comments or questions, please contact me at the email address above.

Respectfully,

Michael Coyne
Principal Planner

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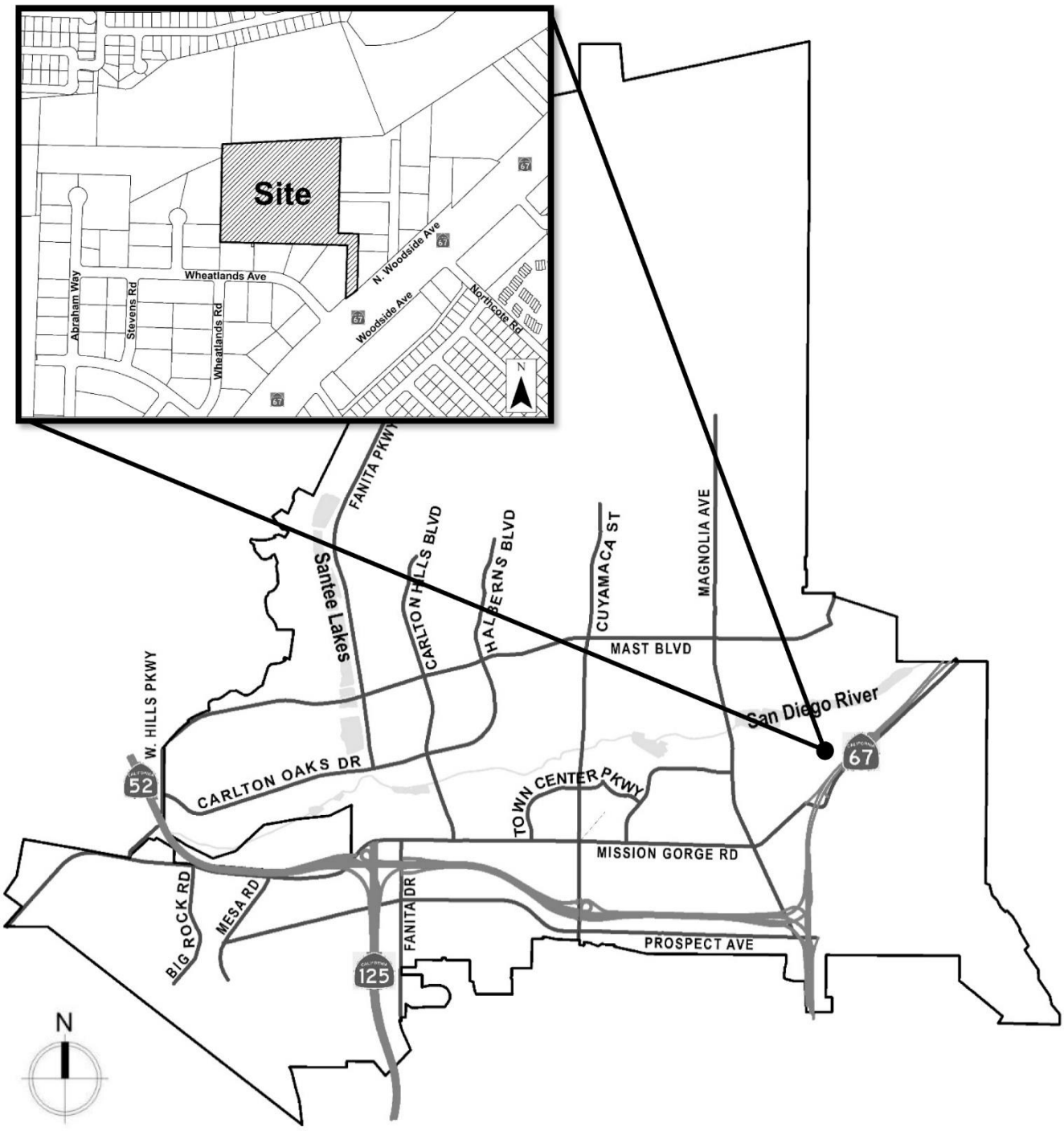

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Ms. Lisa Cumper
Secretary/Treasurer
Jamul Indian Village
14191 Highway 94
Jamul, CA 91935

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Ms. Theresa Hernandez
Mesa Grande Band of Mission Indians
PMB 366
35008 Pala Temecula Road
Pala, CA 92059

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Mr. Art Bunce
Tribal Attorney
Barona Band of Mission Indians
P.O. Box 2516
Escondido, CA 92033-2516

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